CITY OF TULSA, OKLAHOMA
CONSTRUCTION PLANS FOR
NON-ARTERIAL STREET IMPROVEMENTS
MAINTENANCE ZONE 4022
PROJECT NO. 2036 N 4022Z
ACCOUNT NO. 4281-42813122-541106
ENGINEERING SERVICES DEPARTMENT
TULSA, OKLAHOMA

UTILITY COORDINATION		
UTILITY	CONTACT	PHONE NO.
CITY OF TULSA	TONY GLYNN	918-596-9245
AEP/PSO	EMERGENCY	888-216-3523
ONG	EMERGENCY	800-664-5463
AT&T	EMERGENCY	800-288-2020
COX COMMUNICATIONS	CUSTOMER SERVICE	918-806-6000
VERIZON	CUSTOMER SERVICE	888-294-6804
WINDSTREAM	CUSTOMER SERVICE	800-347-1991

SYMBOL LEGEND

- EM – Electric Meter
- EB – Electric Box
- ET – Electric Transformer
- FH – Fire Hydrant
- FP – Flagpole
- GM – Gas Meter
- GV – Gas Valve
- GUY – Guy Anchor
- ICV – Irrigation Control Valve
- JB – Junction Box
- LP – Light Pole
- MB – Mailbox
- PP – Power Pole
- SN – Sign
- SSCO – Sanitary Sewer Cleanout
- SSMH – Sanitary Sewer Manhole
- SWMH – Storm Water Manhole
- SH – Sprinkler Head
- TS – Traffic Signal
- TSB – Traffic Signal Box
- TSJB – Traffic Signal Junction Box
- TPED – Telephone Pedestal
- WM – Water Meter
- WV – Water Valve

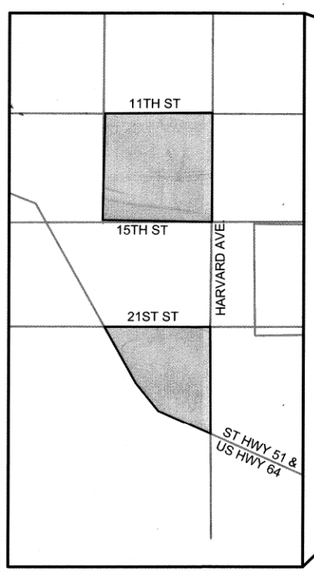
- Deciduous Tree
- Coniferous Tree
- Bush
- Fence Line (All Types)
- Overhead Electric
- Underground Electric
- Underground Cable Television
- Underground Fiber Optic
- Underground Telephone
- Natural Gas Line
- Stormwater Line
- Sanitary Sewer Line
- Water Line
- Bench Mark
- Survey Control Point Found
- Survey Control Point Set
- Type III Barricade w/ 2 Type "A" Lights
- Drums w/ Type "C" Light

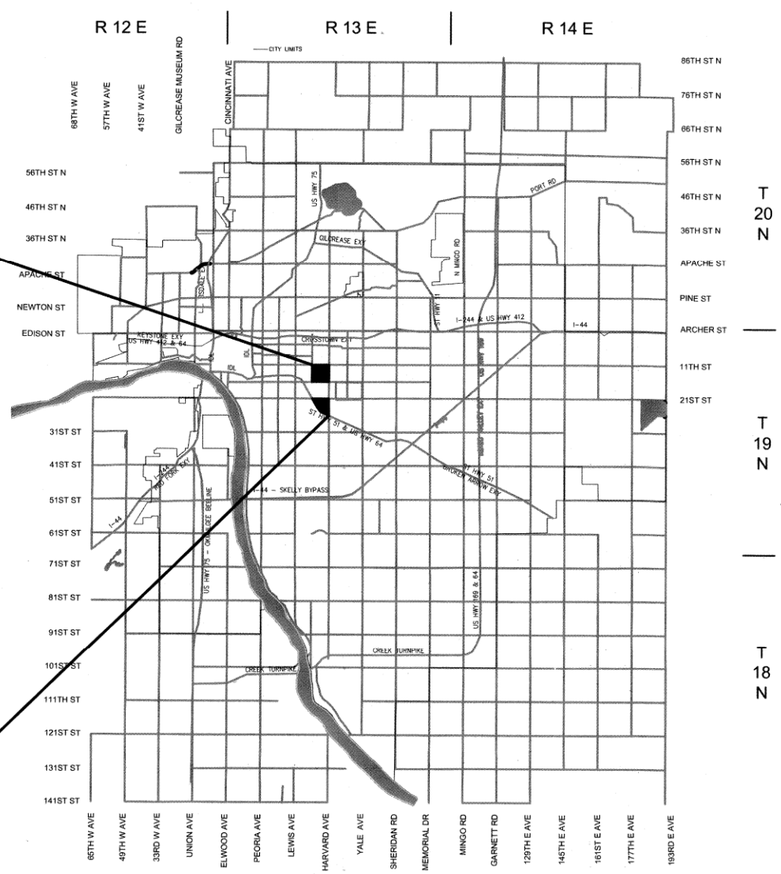
NOTE:
THIS PROJECT COMPLIES WITH ALL OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ) REQUIREMENTS.

DESIGN DATA
MZ 4022
V=25 MPH
Kmin = 12 (CREST)
Kmin = 28 (SAG)

CITY OF TULSA PERMANANT BENCHMARKS
ADS BM 503
⅝" REBAR - 1-1/2" ALUMINUM CAP FLUSH
STAMPED "503", SET S.W. OF THE INTERSECTION OF 21ST STREET & HARVARD AVENUE
N 418940.668
E 2576549.927
ELEV (FEET) - 790.326
HORIZONTAL DATUM: OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE 3501 NAD 1983 (2011)
VERTICAL DATUM: NAVD 88
COMBINED SCALE FACTOR: 0.999907785

IN ACCORDANCE WITH ODOT SECTION 105.14 THE COT ANTICIPATING THAT THE SUCCESSFUL CONTRACTOR WILL UTILIZE THE APPROPRIATE MEANS AND METHODS TO ACCOMPLISH THE WORK DESCRIBED IN THE PLANS WITHOUT CAUSING COLLATERAL DAMAGE TO THE EXISTING INFRASTRUCTURE. THE ANTICIPATED CONSTRUCTION PHASING WILL MINIMIZE THE TIME BETWEEN MILLING AND NEW ASPHALT PLACEMENT. LEAVING OPEN MILLED SECTIONS WILL BE AT THE CONTRACTORS RISK IN THE EVENT THAT LOCAL OR CONSTRUCTION TRAFFIC CAUSES DAMAGE TO PREVIOUSLY UNDAMAGED AREAS. CURRENT COT CONSTRUCTION BUDGETS. DO NOT ALLOW FOR GROWTH OF THE PROJECT





LOCATION MAP
N.T.S.
Note: Entire project is within the Corporate and City Limits of Tulsa, Oklahoma

TOTAL PROJECT LENGTH = 24270.00 FT = 4.60 MILES

INDEX OF SHEETS

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8-9	TYPICAL SECTIONS	31	ROADWAY KEY MAP (SOUTH)
10-11	MISCELLANEOUS DETAILS	32	ROADWAY KEY MAP (NORTH)
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16-22	SURVEY DATA SHEETS (SOUTH)	66-100	ROADWAY PLAN AND PROFILES (NORTH)
23	DRAINAGE AREA MAP	101-108	INTERSECTION DETAILS (NORTH)
24	DRAINAGE AREA SUMMARY	X01-X05	13th STREET CROSS SECTIONS
25	STORMWATER STRUCTURES SUMMARIES		

CITY OF TULSA STANDARDS

102	PROJECT SIGN
126	STANDARD SILT FENCE, AND CONSTRUCTION ENTRANCE
304	BEDDING DETAIL - RIGID PIPE
305	BEDDING DETAIL - SEMI RIGID PIPE
306	TRENCH DETAIL CONSTRUCTION ADJACENT TO ROADWAY
307	BORE/OPEN CUT CONDUIT DETAIL
330	CATHODIC PROTECTION
401	MANHOLE GRADE ADJUSTMENT
402	COVER, FRAME, AND FRAME SEAL REPAIR
409	CONCRETE MANHOLE COLLAR
414	MANHOLE ADJUSTMENT RING
608A	STREET NAME SIGNS
608B	TRAFFIC SIGNS
702	RESIDENTIAL CONCRETE DRIVEWAY ASPHALT STREET
707	COMMERCIAL DRIVEWAY
713	PAVEMENT REMOVAL AND REPLACEMENT
714	PAVEMENT CUTS
725	STANDARD PAVEMENT PATCH AND REPAIR
726	ASPHALT PAVEMENT STANDARD DETAILS FOR ALLEYS RESIDENTIAL AND COLLECTOR STREETS
727	CONCRETE PAVEMENT STANDARD DETAILS FOR ALLEYS RESIDENTIAL AND COLLECTOR STREETS
730	STANDARD ASPHALT PAVEMENT CUT AND REPAIR
751	STANDARD PIPE BEDDING DETAIL FOR STORM SEWER
754	STANDARD DETAIL FRAME AND LID FOR 6' AND 8' I.D. STORMWATER MANHOLE
755	CONFIGURATIONS OF CAST IRON CURB INLETS
761	STANDARD INLETS AND GRATES W/ACCESS MANHOLE BACK OF CURB
762	PRECAST STANDARD INLETS AND GRATES W//ACCESS MANHOLE BACK OF CURB
764	STANDARD REINFORCED CONCRETE STORMWATER INLETS
765	STANDARD STORMWATER FRAMES
766	STANDARD STORMWATER GRATES
767	STANDARD CAST IRON CURB
775	STANDARD PRECAST CONCRETE STORMWATER MANHOLE
790	STANDARD SIDEWALK RAMP

VERTICAL CONTROL
NAVD 1988

HORIZONTAL CONTROL
OKLAHOMA STATE PLANE COORDINATE SYSTEM
NAD 1983 (1993)

ODOT STANDARDS

ROADWAY	TRAFFIC CONTROL		TRAFFIC SIGNING
BMPR-0-0	TCS1-1-01	TCS13-1-00	RSD1-1-00
TESCA-0-0	TCS2-1-00	TCS14-1-00	
SSS-2-1	TCS4-1-01	TCS19-1-01	
TSD-0-0	TCS5-1-00	TCS21-1-02	
	TCS6-1-02		
	TCS8-1-00		
	TCS9-1-01		
	TCS10-1-00		

APPROVED BY:

CITY ENGINEER — DATE 11/4/2026

11.06.26
ADVERTISE DATE

PREPARED BY:

BKL
CA. 262 (PE) 6-30-2026
1623 E 6TH STREET TULSA,
OKLAHOMA 74120
TEL:918-835-9588
FAX:918-835-9119
MAIL@BKLINC.COM

DANIEL E. POLASEK, P.E.
PROJECT MANAGER
BKL, INCORPORATED

LICENSED PROFESSIONAL ENGINEER — Daniel E. Polasek — 24920 — OKLAHOMA

6/3/2025

NOTE:
CURRENT CITY OF TULSA STANDARD SPECIFICATIONS AND STANDARD DETAILS GOVERN. ALL OTHER CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH 2019 OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AS ADOPTED BY C.O.T.

OKIE 811 Know what's below 811 before you dig.

CITY OF TULSA

MAINT. ZONE 4022 – PROJ. No. 2036 N 4022Z

1623 E. 6TH STREET,
TULSA, OKLAHOMA 74120
TEL:918-835-9588
FAX:918-835-9119
MAIL@BKLINC.COM

BKL

ROADWAY QUANTITIES (VERSION 5/23/2025)

ITEM NO.	SPEC. NO.	DESCRIPTION	PAY ITEM NOTE	UNIT	QUANTITY
1	202(A)	UNCLASSIFIED EXCAVATION	E-3,4, R-1	CY	25,000
2	205(A)	TYPE A-SALVAGED TOPSOIL		CY	500
3	220	SWPPP DOCUMENTATION	E-2,6,7,8	LSUM	1
4	230(A)	SOLID SLAB SODDING	E-10,11	SY	2,597
5	303(A)	AGGREGATE BASE TYPE A	S-1,2	CY	2,089
6	310(B)	SUBGRADE, METHOD B		SY	5,599
7	325	SEPARATOR FABRIC	S-3	SY	7,979
8	409(A)	FABRIC REINFORCEMENT	S-4	SY	62,411
9	409(B)	SUPERPAVE, TYPE S3(PG 64-22)	S-5,6,7,8	TON	1,158
10	411(C)	SUPERPAVE, TYPE S4(PG 64-22)	S-5,6,7,8	TON	7,451
11	412	COLD MILLING PAVEMENT	S-9,22,23	SY	43,314
12	414(B)	DOWEL JOINTED P.C.C. PAVT. (PLACEMENT)	S-10, 11	SY	452
13	414(G)	P.C. CONCRETE FOR PAVEMENT	S-10, 11, 12, 13	CY	88
14	609(B)	COMBINED CURB AND GUTTER (6" BARRIER)	S-12,13,15,16	LF	3,356
15	610(A)	4" CONCRETE SIDEWALK	S-12,13,16,17	SY	2,419
16	610(B)	6" CONCRETE DRIVEWAY	S-12,13,16,17	SY	866
17	611(A)	MANHOLE (6' DIA.)	D-1,2,3,4,5	EA	8
18	611(B)	ADD'L.DEPTH IN MANHOLE (6' DIA.)	D-4	VF	9
19	611(G)	CICI INLET DESIGN NO. 2, COMPLETE IN PLACE	D-1,2,3,7,8,9,10,11	EA	11
20	611(G)	CICI INLET DESIGN NO. 4, COMPLETE IN PLACE	D-1,2,3,7,8,9,10,11	EA	4
21	611(G)	CICI INLET DESIGN NO. 6, COMPLETE IN PLACE	D-1,2,3,7,8,9,10,11	EA	1
22	611(G)	CICI INLET DESIGN NO. 2 w/ JUNCTION BOX	D-1,2,3,7,8,9,10,11	EA	1
23	611(G)	CICI INLET DESIGN NO. 2 w/ ACC. MH., COMPLETE IN PLACE	D-1,2,3,7,8,9,10,11	EA	1
24	612(A)	MANHOLE ADJUSTED TO GRADE (PUBLIC)	D-1,2,6	EA	48
25	612(C)	INLET ADJUSTED TO GRADE	S-12, R-2, D-2,6,7,9	EA	68
26	613(A)	18" R.C.PIPE CLASS III	D-12,13	LF	81
27	619(A)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	R-1,2,3,4,5	LS	1
28	619(B)	REMOVAL OF CONCRETE DRIVEWAY	R-1,2,5,6	SY	478
29	619(B)	REMOVAL OF CONCRETE PAVEMENT	R-1,2,5,6	SY	452
30	619(B)	REMOVAL OF ASPHALT PAVEMENT	R-1,2,5,6	SY	37
31	619(B)	REMOVAL OF HANDICAP RAMP	R-1,2,5,6	EA	46
32	619(B)	REMOVAL OF DRAINAGE INLETS	R-1,2,5,6	EA	1
33	619(B)	REMOVAL OF CURB	R-1,2,5,6	LF	3,356
34	619(B)	REMOVAL OF SIDEWALK	R-1,2,5,6	SY	2,419
35	[illegible]	NOT USED		[illegible]	[illegible]
36	641	MOBILIZATION	G-2	EA	1
37	642(B)	CONSTRUCTION STAKING LEVEL II	G-3,4	EA	1
38	805A)	REMOVAL OF TRAFFIC ITEMS	T-1	LSUM	1
39	805(D)	(PL) REMOVE AND RESET EXISTING SIGNS		EA	4
40	850(A)	SHEET ALUMINUM SIGN	T-2	SF	601
41	851(C)	2.25" SQUARE TUBE POST		FT	360
42	851(C)	2" SQUARE TUBE POST		FT	1,728
43	851(C)	1.75" SQUARE TUBE SLEEVE		FT	84
44	880(B)	CONSTRUCTION SIGNS 0.00 TO 6.25 SF	T-4,5	SD	5,920
45	880(B)	CONSTRUCTION SIGNS 6.26 TO 15.99 SF	T-4,5	SD	7,400
46	880(B)	CONSTRUCTION SIGNS 16.00 AND UP	T-4,5	SD	14,800
47	880(C)	BARRICADES (TYPE III)	T-4,5	SD	14,800
48	880(E)	TYPE "A" WARNING LIGHT	T-4,5	SD	44,400
49	880(E)	TYPE "C" WARNING LIGHT	T-4,5	SD	37,000
50	880(F)	DRUMS	T-4,5	SD	18,500
51	880(G)	TUBE CHANNELIZERS	T-4,5	SD	18,500
52	880(I)	FLAGGER	T-6	FD	100
53	COT 202	QUICK SET FLOWABLE FILL	G-1	CY	50
54	COT 324	CONTRACTOR QUALITY CONTROL		LSUM	1
55	COT 325	CONSTRUCTION AS-BUILTS		LSUM	1
56	COT 418	SANITARY MANHOLE ADJUST TO GRADE		EA	20
57	COT 610(I)	TRUNCATED DOMES		SF	664
58	SPECIAL	PROJECT SIGN (CITY OF TULSA)	T-7	EA	2
59	SPECIAL	TYPE 1 A.C. PATCH	G-1, S-21	CY	50
60	SPECIAL	TYPE 1 A.P.C. PATCH	G-1, S-21	CY	81
61	SPECIAL	CURB RAMP		EA	52
62	SPECIAL	URBAN RIGHT-OF-WAY RESTORATION	G-5,6,7,8,9,10	EA	1
63	SPECIAL	OWNER ALLOWANCE		ALLOW	25,000
64	411(E)	SUPERPAVE, TYPE S6(PG 64-22)	S-5,6,7,8	TON	1,880

ITEMS LISTED OR SHOWN ON DRAWINGS AND/OR DESCRIBED IN THE SPECIFICATIONS THAT ARE NOT INCLUDED AS A SEPARATE PAY ITEM QUANTITY SHALL BE CONSIDERED INCIDENTAL AND THE COST SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS. THE PRICE BID FOR ALL WORK SHALL INCLUDE ALL MATERIALS, EQUIPMENT, LABOR, INCIDENTALS, AND ALL OTHER REQUIRED ITEMS TO COMPLETE THE WORK AS SHOWN ON PLANS AND SPECIFICATION.

ENGINEERING SERVICES - TRANSPORTATION DESIGN
PAY ITEM NOTES (VERSION: 11/14/2018)
EARTHWORK / EROSION CONTROL / SITE PREPARATION

E-2: 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.

E-3: 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.

E-4: UNCLASSIFIED EXCAVATION INCLUDES REMOVAL OF AGGREGATE BASE AND MODIFIED SUBGRADE UNDER EXISTING PAVEMENT TO BE REPAIRED.

E-5: NOT USED.

EARTHWORK / EROSION CONTROL / SITE PREPARATION CONT:

E-6: 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.

E-7: 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.

E-8: PRICE BID SHALL INCLUDE MAINTENANCE, SEDIMENT REMOVAL, DISPOSAL, AND REMOVAL OF FILTERS AT PROJECT COMPLETION.

E-9: NOT USED.

E-10: ESTIMATED QUANTITY IS BASED ON SODDING OF ALL DISTURBED AREAS OUTSIDE THE FINAL PAVING LIMITS AND WITHIN THE FINAL GRADING LIMITS AS INDICATED BY THE TOP-OF-CUT/TOE-OF-SLOPE LINE ON THE PLANS (EXCLUDING SURFACES OF STRUCTURES, FIXTURES AND APPURTENANCES). 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.

E-11: 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.

SURFACING / STRUCTURES

S-1: TYPE A AGGREGATE BASE WAS ESTIMATED TO BE USED AS THE BASE MATERIAL FOR 90% OF THE PATCHING. QUICK SET FLOWABLE FILL WAS ESTIMATED TO BE USED AS THE BASE MATERIAL FOR 10% OF THE PATCHING. ACTUAL QUANTITIES TO BE DETERMINED BY THE ENGINEER.

S-2: INCLUDES COMPACTION OF AGGREGATE TO 98% AASHTO T180 MODIFIED PROCTOR.

S-3: SEPARATOR FABRIC SHALL BE USED AT ALL PAVEMENT PATCHES AND RECONSTRUCTION SECTIONS. THE SEPARATOR FABRIC SHALL BE CUT AND OVERLAPPED A MINIMUM OF 2 FT AT ALL EDGES OF THE REPAIR.

S-4: FABRIC REINFORCEMENT SHALL BE USED ON OVERLAY AREAS. THE COST OF BITUMINOUS BINDER FOR FABRIC REINFORCEMENT SHALL BE INCLUDED IN THE UNIT COST OF THIS PAY ITEM. THE BITUMINOUS BINDER SHALL MEET ODOT STANDARD SPECIFICATIONS AND THE RECOMMENDATIONS OF THE FABRIC REINFORCEMENT MANUFACTURER.

S-5: 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.

S-6: ESTIMATED AT 112 LBS PER SQ YD PER 1 INCH THICK.

S-7: 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.

S-8: A HIGHER GRADE OF ASPHALT BINDER THAN IS INDICATED ON THE PLANS MAY BE USED, BUT AT NO ADDITIONAL COST TO THE CITY.

S-8 (TABLE):

NOTE S8 (S0) 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.			

S-9: THIS ITEM INCLUDES ALL COSTS ASSOCIATED WITH COLD MILLING AND TO PROVIDE BUTT JOINTS AS REQUIRED. NO ADDITIONAL PAYMENT SHALL BE MADE FOR COLD MILLING BEYOND THE AVERAGE DEPTH SHOWN ON THE TYPICAL SECTIONS.

S-10 : FOR P.C. CONCRETE TYPICAL SECTIONS, CONTRACTOR MAY SUBSTITUTE INTEGRAL CURB FOR CURB & GUTTER, AND VICE VERSA, ONLY WITH APPROVAL OF THE ENGINEER, WITH NO ADJUSTMENT MADE TO UNIT PRICE OR QUANTITY.

S-11: CONCRETE PAVEMENT SHALL BE COMPLETE IN PLACE. NO PARTIAL OR FINAL PAYMENT SHALL BE MADE UNTIL PAVEMENT HAS BEEN SAWED AND SEALED. ANY SECTIONS OF PAVEMENT WITH UNAPPROVED DEVIATIONS FROM THE JOINT LAYOUT PROVIDED IN THE PLANS MAY BE REJECTED AT THE DISCRETION OF THE ENGINEER.

S-12: THE USE OF FLY-ASH IN CONCRETE IS PROHIBITED.

S-13: INCLUDES ALL COST OF SAWED JOINTS AND SEALING OF ALL JOINTS INCLUDING LONGITUDINAL JOINTS.

S-14: NOT USED.

S-15: THIS ITEM SHALL BE MEASURED AS THE ACTUAL AMOUNT OF CURB AND/OR GUTTER INSTALLED. NO PAYMENT WILL BE MADE FOR CURB AND/OR GUTTER THROUGH DRIVEWAYS AND INLETS.

S-16: CURB, GUTTER, AND/OR SIDEWALK ASSOCIATED WITH THE DRIVEWAY AND THROUGH THE DRIVEWAY IS INCLUDED IN THE COST OF THE DRIVEWAY.

S-17: ONE SIDEWALK PANEL ON EACH SIDE OF DRIVEWAYS SHALL BE A MINIMUM OF 6" THICK OR MATCH EXISTING DRIVEWAY THICKNESS, WHICHEVER IS GREATER. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THE COST OF THE THICKENED SIDEWALK THROUGH THIS AREA.

S-18 - S-20: NOT USED.

S-21: THIS PAY ITEM INCLUDES THE FOLLOWING:

A. SAW CUTTING
B. REMOVAL OF THE EXISTING CONCRETE AND/OR ASPHALTIC CONCRETE ROADWAY (CY)
C. TYPE S3 ASPHALTIC CONCRETE OR PC CONCRETE COMPLETE AND IN PLACE PER DETAIL
D. SEALING OF EDGES AND TACK COAT

DOES **NOT** INCLUDE THE FOLLOWING:

A. UNCLASSIFIED EXCAVATION
B. SUBGRADE METHOD B (SY)
C. SEPARATOR FABRIC (SY)
D. AGGREGATE BASE (TYPE A)
E. ASPHALT CONCRETE LEVELING OR SURFACE COURSE

S-22: REMOVE AC PAVEMENT ON CONCRETE DRIVEWAYS APRONS AND GUTTERS DURING EDGE MILLING OPERATIONS.

S-23: REPLACE AC IN DRIVEWAY GUTTER, AS NEEDED, FOR POSITIVE STORMWATER DRAINAGE AND SMOOTH DRIVEWAY TRANSITIONS.

REMOVAL AND ADJUSTMENT

R-1: WASTE MATERIAL TO BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE IN A MANNER APPROVED BY THE ENGINEER.

R-2: ALL SAW CUTTING AND REMOVAL SHALL BE INCLUDED IN THE COST OF THE ITEM TO BE ADJUSTED, REMOVED, REPAIRED, OR REPLACED.

REMOVAL AND ADJUSTMENT CONT:

R-3: PAY ITEM INCLUDES REMOVAL OF ALL STRUCTURES AND OBSTRUCTIONS WITHIN PROJECT LIMITS NOT SPECIFIED BY OTHER ITEMS OF WORK.

R-4: INCLUDES SAWING NOT INCLUDED IN OTHER ITEMS OF WORK.

R-5: ITEMS TO BE REMOVED MAY OR MAY NOT BE PRESENT IN ANY SPECIFIED CONDITION.

R-6: SHALL INCLUDE ALL COSTS ASSOCIATED WITH PLUGGING/ PATCHING HOLES IN EXISTING STRUCTURES TO REMAIN.

GENERAL

G-1: 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.

G-2: MAXIMUM OVERALL DOLLAR AMOUNT AND SCHEDULE OF PAYMENTS SHALL BE IN ACCORDANCE SECTION 641 OF THE OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, CURRENT EDITION. EXCLUDES MOBILIZATION FOR WATERLINE WORK.

G-3: 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.

G-4: 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.

G-5: SHALL INCLUDE THREE ROW BARBED WIRE ON TOP OF FENCE AND GATES.

G-6: ALL HOUSE NUMBERS SHALL BE REPLACED/ REESTABLISHED THROUGHOUT PROJECT LIMITS. COST TO BE INCLUDED IN URBAN RIGHT OF WAY RESTORATION. CONTRACTOR SHALL REESTABLISH DRAINS, ROOF DRAINS AND OTHER DRAINAGE THROUGH THE CURBS IN ACCORDANCE WITH CITY OF TULSA STANDARD 758. NO NEW CURB OUTLETS SHALL BE CONSTRUCTED WITHOUT APPROVAL OF THE ENGINEER.

G-7: ALL SANITARY AND STORM SEWER MANHOLE CASTINGS AND LIDS THAT ARE LOCATED IN THE STREET AND ARE DISTURBED BY THE CONTRACTOR SHALL BE REPLACED WITH NEW LIDS AND CASTINGS AND THE OLD ONES SHALL BE SALVAGED AND DELIVERED TO THE METAL RECYCLE BINS IN THE STOCKROOM AREA AT SEWER OPERATIONS AND MAINTENANCE, 9319 42ND STREET NORTH, BETWEEN THE HOURS OF 7:30 AM AND 3:00 PM MONDAY THROUGH FRIDAY.

G-8: TREE GRATES ARE NOT ACCEPTABLE PER CITY ARBORIST. CONCRETE PAVERS ARE TO BE USED AS NECESSARY AROUND TREES.

G-9: CONTRACTOR SHALL COORDINATED HOMEOWNERS TO RESET ALL PAVERS, LANDSCAPE STONE, PRIVATE SIDEWALKS AND FENCES THAT ARE DISTURBED DURING CONSTRICTION OPERATIONS. ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED FOR RESETTING OF SUCH ITEMS IS TO BE INCLUDED IN PRICE BID FOR URBAN RIGHT OF WAY RESTORATION.

G-10: PAY ITEM INCLUDES ALL MOWING WITHIN THE RIGHT-OF-WAY AS DIRECTED DURING CONSTRUCTION

DRAINAGE

D-1: THIS ITEM SHALL INCLUDE THE COST OF NEW MANHOLE FRAME AND COVER PER CITY OF TULSA STD NOS.752, 753, 754, 761, 762, 769A, 769B AND 775.

D-2: THE TOTAL COST FOR RUBBERIZED ASPHALT AND/OR SILICONE AT MANHOLES, VALVE BOXES, INLETS, AND INLET APRONS, SHALL BE INCLUDED.

D-3: NO MASONRY STRUCTURES SHALL BE CONSTRUCTED WITHIN THE RIGHT OF WAY.

D-4: ADDITIONAL DEPTH IN A MANHOLE SHALL BE MEASURED FROM 6FT AS MEASURED FROM THE TOP OF RIM TO THE LOWEST FLOWLINE.

D-5: ALL MANHOLES SHALL BE COMPLETE IN PLACE. THIS PAY ITEM INCLUDES FRAME, COVER, CONCRETE AND ALL OTHER INCIDENTALS REQUIRED FOR PLACEMENT.

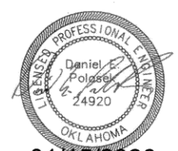
D-6: THE CONTRACTOR SHALL GIVE THE NOTIFICATION CENTER OF OKLAHOMA ONE-CALL SYSTEM, INC. NOTICE OF ANY EXCAVATION NO SOONER THAN TEN DAYS NOR LATER THAN 48 HOURS , EXCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS, PRIOR TO THE COMMENCEMENT OF WORK. PHONE 1-800-522-6543.

D-7: INCLUDES THE COST REQUIRED TO MAKE CONNECTION AND REMOVAL OF EXISTING INLETS. THE COST OF PC CONCRETE CURB AND GUTTER THROUGH THE INLET, 5' EACH SIDE OF THE INLET, AND THE PC CONCRETE INLET APRON SHALL BE INCLUDED. GRATE AND FLOWLINE ELEVATIONS SHALL MATCH EXISTING CONDITIONS UNLESS OTHERWISE NOTED IN THE PLANS.

D-8: QUICKSET FLOWABLE FILL SHALL BE USED TO BACKFILL AROUND STREET CURB INLETS AND REINFORCED CONCRETE PIPE, AS NEEDED, AT THE DIRECTION OF THE ENGINEER.

D-9: ALL INLETS, COMPLETE IN PLACE, SHALL BE CAST IN PLACE CONCRETE OR PRECAST CONCRETE. THIS PAY ITEM INCLUDES ANY INLET FRAME(S), GRATE(S), HOOD(S) AND CONCRETE REQUIRED FOR COMPLETE INSTALLATION OF STRUCTURE PER THE CONSTRUCTION DOCUMENTS.

D-10: ADDITIONAL DEPTH QUANTITIES SHALL BE MEASURED AND PAID FOR ALL INLETS EXCEEDING STANDARD DEPTH. STANDARD DEPTHS ARE AS FOLLOWS: A) CAST IRON CURB INLET: 3.71 VF, MEASURED FROM CENTER ELEVATION OF LOWEST CAST IRON CURB TO FLOWLINE OF OUTLET PIPE. B) RECESSED CURB INLET: 3.00 VF, MEASURE FROM TOP OF SLAB TO FLOWLINE OF OUTLET PIPE. C) STANDARD DROP INLET: SEE STANDARD DETAILS 770, 771, 772 AND 773 - VARIES BASED ON PIPE SIZE, MEASURED FROM LOWEST ELEVATION OF INFLOW APRON TO FLOWLINE OF OUTLET PIPE.



01/15/2026

PAY QUANTITIES & NOTES (ROADWAY) (1 OF 2)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

PLAN SCALE: NA	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		1/2026
HORIZONTAL:	LEAD ENGR.		2/26
	FIELD MGR.		3/26
VERTICAL:	RECOMMENDED: DESIGN MANAGER		

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 2 OF 108 SHEETS

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ENGINEERING SERVICES - TRANSPORTATION DESIGN (CONT.)
PAY ITEM NOTES (VERSION: 11/14/2018)

D-11: CAST IRON CURB INLET CONFIGURATION NAMING CONVENTION PROVIDED IN COT STANDARD NO. 755. SEPARATE DETAILS SHALL BE REFERENCED OR PROVIDED IN THE PLANS FOR NON-CITY-STANDARD INLETS.

STANDARD NAMING: CICI DES G(T) [W/AMH]

G: NUMBER OF GRATES.

T: LETTER(S) CORRESPONDING TO ARRANGEMENT OF CAST IRON HOODS TO BE INSTALLED UPSTREAM OF GRATES.

W/AMH: IF SHOWN, INLET TO BE CONSTRUCTED WITH ATTACHED ACCESS MANHOLE.

D-12: REINFORCED CONCRETE PIPE TO BE CLASS III. ALL REINFORCED CONCRETE PIPE AND MANHOLES TO BE SUPPLIED WITH AN OMNI-FLEX JOINT GASKET OR APPROVED EQUAL. MASTIC JOINT SEALANT SHALL NOT BE ALLOWED.

D-13: THIS PAY ITEM SHALL BE COMPLETE IN PLACE AND SHALL INCLUDE ALL PIPE, STANDARD BEDDING MATERIAL AND TRENCH EXCAVATION, JOINT GASKETS AND ALL OTHER INCIDENTALS. NO ADDITIONAL COST WILL BE MADE. PRIOR TO ACCEPTANCE, INTERIOR OF PIPE SHALL BE INSPECTED FOR DEFECTS USING SELF-PROPELLED MOBILE CLOSED-CIRCUIT CAMERA SYSTEM.

TRAFFIC

T-1: ALL TRAFFIC MATERIALS REMOVED SHALL BE HANDLED PER COT SPECIFICATION 625 REMOVAL OF TRAFFIC ITEMS.

T-2: 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.

T-4: 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.

T-5: 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.

T-6: 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.

T-7: PRICE BID FOR THIS ITEM INCLUDES INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF PROJECT SIGN.

T-8: CONSTRUCTION PHASING FOR THIS PROJECT SHALL START WITH THE MILLING OF THE ENTIRE PROJECT FOLLOWED BY THE INSTALLATION OF THE PATCHING AREAS.

SPECIAL

SP-1 THE CONSTRUCTION OF ASPHALT TURNOUTS AT MAILBOX LOCATION SHALL BE PAID FOR USING THE "TYPE 1 AC PATCH" PAY ITEM, WHICH IS ALSO SUBJECT TO PAY ITEM NOTE S-21.

SP-2 THE REMOVAL, STORAGE, AND RE-INSTALLATION OF EXISTING MAILBOXES SHALL BE INCLUDED IN THE COST OF "URBAN RIGHT-OF-WAY RESTORATION".

GENERAL CONSTRUCTION NOTES:

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 2019 OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AS ADOPTED BY C.O.T. AND THE CURRENT CITY OF TULSA ENGINEERING SERVICES DEPARTMENT'S STANDARD SPECIFICATIONS AND STANDARD DETAILS AND STANDARD DRAWINGS AND CITY OF TULSA SPECIAL PROVISIONS.
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 CITY OF TULSA OR 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, PUBLIC SERVICE COMPANY OF OKLAHOMA (AEP), OKLAHOMA NATURAL GAS (ONG), COX COMMUNICATIONS, MCI/VERIZON, EASYTEL COMMUNICATIONS, WELLSCO VALLOR TELECOM, CITY OF TULSA-WATER AND SEWER, CITY OF TULSA-TRAFFIC OPERATIONS. 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 TULSA 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.

GENERAL CONSTRUCTION NOTES (CONT.):

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 TULSA FIELD ENGINEERING, 918-596-9404, 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 AS LISTED IN THE SIGNAGE SCHEDULE FOR THE PROJECT. ALL SIGNS AND POLES PROVIDED SHALL BE NEW AND UNDAMAGED AND SHALL MEET THE REQUIREMENTS OF COT SPECIFICATION 608 TRAFFIC SIGNS. ALL TRAFFIC MATERIALS REMOVED SHALL BE HANDLED PER COT SPECIFICATION 625 REMOVAL OF TRAFFIC ITEMS.
13. THE CONTRACTOR WILL BE RESPONSIBLE FOR PREPARATION AND DISTRIBUTION OF A WRITTEN NOTICE TO RESIDENTS 48 HOURS PRIOR TO BEGINNING PAVEMENT REMOVAL AND MILLING 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. TREES OUTSIDE THE FILL SLOPES AND THE TOP OF CUT SLOPES SHALL NOT BE DISTURBED EXCEPT WITH THE WRITTEN APPROVAL OF THE ENGINEER.
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 FIELD ENGINEERING AT 918-596-7814 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. PHYSICAL TESTING FOR QUALITY ASSURANCE SHALL BE FURNISHED BY THE CITY.
25. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY QUALITY CONTROL TESTING TO ENSURE THAT PROJECT REQUIREMENTS ARE MET.
26. MASONRY STRUCTURES SHALL NOT BE CONSTRUCTED WITHIN THE STREET RIGHT-OF-WAY.
27. ALL CONCRETE CURB AND GUTTERS SHALL BE MONOLITHIC POURS. DOWELED-ON CURBS WILL NOT BE ALLOWED.
28. NO LIFTING HOLES WILL BE ALLOWED ON ANY REINFORCED CONCRETE PIPES OR REINFORCED CONCRETE BOXES.
29. CURB RAMP CONSTRUCTION SHALL COMPLY WITH THE CURRENT AMERICANS WITH DISABILITIES ACT STANDARDS.
30. 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.
31. ALL SANITARY AND STORM SEWER MANHOLE CASTINGS AND LIDS THAT ARE LOCATED IN THE STREET AND ARE DISTURBED BY THE CONTRACTOR SHALL BE REPLACED WITH NEW LIDS AND CASTINGS AND THE OLD ONES SHALL BE SALVAGED AND DELIVERED TO THE METAL RECYCLE BINS IN THE STOCKROOM AREA AT SEWER OPERATIONS AND MAINTENANCE, 9319 E. 42ND STREET NORTH, BETWEEN THE HOURS OF 7:30 AM AND 3:00 PM MONDAY THROUGH FRIDAY.
32. THE SIGN PLACEMENT STATIONING AND LOCATIONS SHOWN ON THE PLAN SHEETS AND SUMMARY SHEETS ARE APPROXIMATE. EXACT STATIONING AND LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR SO THAT THE SIGN IS INSTALLED IN ACCORDANCE WITH CITY OF TULSA STANDARDS, CURRENT AMERICANS WITH DISABILITIES ACT STANDARDS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES IN ORDER TO PROVIDE OPTIMUM VISIBILITY TO THE ONCOMING/APPROACHING MOTORIST. IF A PROPOSED LOCATION CONFLICTS WITH OTHER SIGNS, UTILITIES, OR OTHER ROADWAY FEATURES, THE ENGINEER SHALL BE NOTIFIED.
33. POST LENGTHS SHOWN ON SIGN SUMMARY ARE APPROXIMATE. EXACT LENGTHS SHALL BE DETERMINED BY A FIELD SURVEY CONDUCTED BY THE CONTRACTOR.
34. 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.
35. 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.

GENERAL CONSTRUCTION NOTES (CONT.):

36. 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.
37. STRAW OR HAY BALES AS STORMWATER BEST MANAGEMENT PRACTICES ARE NO LONGER ALLOWED ON CONSTRUCTION PROJECTS.
38. THE CONTRACTOR MUST CALL 1-800-458-4251 IMMEDIATELY IF A NATURAL GAS PIPELINE IS CUT, DAMAGED, OR OTHERWISE DISTURBED.
39. PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.
40. ALL FEATURES OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, CURB RAMPS, AND CROSSWALKS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT, ACCESSIBILITY GUIDELINES, AND THE PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY, PUBLISHED ON AUGUST 8, 2023 BY THE U.S. ACCESS BOARD. WHERE SPATIAL LIMITATIONS OR EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH THIS ACT, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURES. THE CONTRACTOR SHALL NOT PROCEED WITH ANY ASPECT OF THE WORK, WHICH IS NOT IN FULL COMPLIANCE WITH THE ADA WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THE GUIDELINES OF THE ADA, FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL, SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
41. ALL TRENCH WIDTHS & BEDDING MATERIAL SHALL BE AS SHOWN ON COT STANDARD PIPE BEDDING DETAIL, STANDARD NO. 751. SPECIFIED TRENCH WIDTHS SHALL BE MAINTAINED FULL DEPTH FROM THE FLOWLINE TO THE GRADING TEMPLATE. THE CONTRACTOR SHALL KEEP THE OPEN TRENCH DRAINED.
42. THE CONTRACTOR SHALL NOTIFY THE METROPOLITAN TULSA TRANSIT AUTHORITY (MTTA), ERIC SMITH 918-830-0024, A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK, LANE CLOSURES OR PRIOR TO DETOURING TRAFFIC.
43. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIALS IN THE FLOODPLAIN.
44. CONTRACTOR SHALL COMPLETE THE INSTALLATION OF FINAL STABILIZATION MEASURES WITHIN 14 DAYS OF PROJECT COMPLETION. COMPLETE THE INSTALLATION OF FINAL STABILIZATION MEASURES WITHIN 7 DAYS OF PROJECT COMPLETION FOR PROJECTS GREATER THAN 40 ACRES, DISCHARGE TO AN APPROVED RECEIVING CHANNEL OR ARE WITHIN ONE (1) MILE OF AN IMPAIRED/TMDL WATERBODY.
45. CONSTRUCTION VEHICLE WASH WATERS ARE NOT TO BE DISCHARGED INTO CITY OF TULSA WATERS OR WATERS OF THE STATE.

LICENSED PROFESSIONAL ENGINEER — Daniel E. Polasek — 14920 — OKLAHOMA

6/3/2025

REVISION	BY	DATE

PAY QUANTITIES & NOTES (ROADWAY) (2 OF 2)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: NA	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.	TLB	6-25	
HORIZONTAL:	LEAD ENGR.	DEP	2/26	
	FIELD MGR.	[illegible]	3/26	
VERTICAL:	RECOMMENDED: DESIGN MANAGER	MZ 4/26	HAJ 3-26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 3 OF 108 SHEETS

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SUMMARY OF DRIVEWAYS

STREET		RADIUS	WIDTH	LENGTH	PROPOSED SLOPE	TYPE A AGG. BASE 303 (A)	6" CONCRETE DRIVEWAY (H.E.S.) 610 (B)
		FT.	FT.	FT.	%	C.Y.	S.Y.
S. FLORENCE AVE.							
106+04, RT	*	-	9	-	2%	1	5
108+26, LT	*	-	8	-	2%	1	5
114+65, LT	*	-	8	-	2%	1	5
115+68, RT	*	-	9	-	2%	1	6
117+02, LT	*	-	10	-	2%	1	6
117+53, LT	*	-	9	-	2%	1	5
118+19, LT	*	-	8	-	2%	1	5
118+69, LT	*	-	9	-	2%	1	6
119+13, LT	*	-	8	-	2%	1	5
119+50, RT	*	-	8	-	2%	1	5
121+22, LT	*	-	8	-	2%	1	4
121+74, RT	*	-	9	-	2%	1	5
122+09, LT	*	-	10	-	2%	1	6
124+14, LT	*	-	7	-	2%	1	4
S. FLORENCE PL.							
200+73, LT	*	-	25	-	2%	3	15
202+60, RT		5	19	-	2%	3	14
203+54, RT	*	-	7	-	2%	1	4
209+27, LT	*	-	10	-	2%	1	6
210+76, LT	*	-	8	-	2%	1	5
210+77, RT		5	8	-	2%	2	9
211+28, LT	*	-	9	-	2%	1	5
212+59, LT	*	-	11	-	2%	1	6
214+80, RT	*	-	27	-	2%	3	15
215+37, RT	*	-	7	-	2%	1	4
215+81, LT		5	27	-	2%	4	22
215+86, RT	*	-	13	-	2%	2	7
218+74, LT	*	-	12	-	2%	2	8
223+90, RT	*	-	21	-	2%	2	12
224+00, LT		5	8	-	2%	2	9
224+31, LT	*	-	15	-	2%	2	10
224+77, RT	*	-	15	-	2%	2	9
225+06, RT	*	-	17	-	2%	2	10
225+70, RT	*	-	20	-	2%	2	11

*sidewalk portion replaced only

SUMMARY OF DRIVEWAYS

STREET		RADIUS	WIDTH	LENGTH	PROPOSED SLOPE	TYPE A AGG. BASE 303 (A)	6" CONCRETE DRIVEWAY (H.E.S.) 610 (B)
		FT.	FT.	FT.	%	C.Y.	S.Y.
S. GARY AVE.							
303+09, LT		5	17	-	2%	4	22
305+01, LT	*	-	11	-	2%	1	6
307+70, LT	*	-	7	-	2%	1	5
309+14, LT		5	7	-	2%	2	10
309+64, LT	*	-	7	-	2%	1	4
310+17, LT	*	-	12	-	2%	2	7
311+70, LT	*	-	14	-	2%	2	8
314+35, RT	*	-	9	-	2%	1	5
314+87, LT	*	-	9	-	2%	1	5
316+37, LT	*	-	8	-	2%	1	5
316+86, LT	*	-	9	-	2%	1	5
317+36, LT	*	-	9	-	2%	1	5
321+96, LT	*	-	8	-	2%	1	5
322+90, LT	*	-	17	-	2%	2	9
323+85, LT	*	-	9	-	2%	1	5
324+90, LT	*	-	25	-	2%	3	16
S. GARY PL							
401+66, LT	*	-	8	-	2%	1	5
402+67, LT	*	-	8	-	2%	1	5
406+15, LT	*	-	8	-	2%	1	5
407+74, LT		5	8	-	2%	2	11
409+17, LT		5	9	-	2%	2	12
409+65, LT	*	-	8	-	2%	1	5
411+10, LT	*	-	9	-	2%	1	5
412+28, LT	*	-	10	-	2%	1	6
414+74, LT	*	-	9	-	2%	1	6
415+25, LT	*	-	10	-	2%	1	6
415+40, LT	*	-	8	-	2%	1	5
416+37, LT	*	-	8	-	2%	1	5
417+36, LT	*	-	8	-	2%	1	5
418+86, LT	*	-	8	-	2%	1	4
421+50, LT		5	10	-	2%	2	10
421+98, LT	*	-	8	-	2%	1	4
424+32, LT	*	-	7	-	2%	1	5
E. 13th ST							
602+12, LT		5	15	-	2%	4	22
602+60, RT		5	8	-	2%	2	12
602+84, LT		5	16	-	2%	4	22
602+92, RT		5	26	-	2%	5	25
605+54, LT		5	19	-	2%	5	26
605+91, RT		5	10	-	2%	3	15
606+23, RT		5	12	-	2%	4	19
606+60, LT		5	17	-	2%	4	24
608+93, LT		5	19	-	2%	3	17
609+49, RT		5	10	-	2%	2	12
609+67, LT		5	18	-	2%	3	16
609+87, RT		5	24	-	2%	4	20
611+78, LT		5	16	-	2%	3	15
612+26, RT		5	40	-	2%	10	58
612+84, RT		5	41	-	2%	10	55
613+09, LT		5	28	-	2%	5	29
				TOTAL:		**167**	**866**

*sidewalk portion replaced only



6/3/2025

SUMMARIES (1 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

PLAN SCALE: NA	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	DP	6/25
HORIZONTAL:	LEAD ENGR.	DP	6/25
	FIELD MGR.		3/26
VERTICAL:	RECOMMENDED: DESIGN MANAGER	HAS 3-26	

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 4 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-SM02.dwg, 250603 - 11:55 AM, DEP

SUMMARY OF SURFACING QUANTITIES

	AGG. BASE TYPE A	SUBGRADE, METHOD "B"	SEPARATOR FABRIC	FABRIC REINFORCEMENT	SUPERPAVE, TYPE S3(PG 64-22) OK	SUPERPAVE, TYPE S4(PG 64-22) OK	COLD MILLING PAVEMENT	DOWEL JOINTED P.C.C. PAVT. (PLACEMENT)	P.C. CONCRETE FOR PAVEMENT	COMBINED CURB AND GUTTER (6" BARRIER)	4" CONCRETE SIDEWALK	SOLID SLAB SODDING	TYPE I A.P.C. PATCH NON-ARTERIAL	TYPE I A.C. PATCH NON-ARTERIAL & ALLEYS	CURB RAMP	TRUNCATED DOMES
	303(A)	310(B)	325	409(A)	411(B)	411(C)	412	414(B)	414(G)	609(B)	610(A)	230(A)	SPECIAL	SPECIAL	SPECIAL	SPECIAL
STREET	CY	SY	SY	SY	TON	TON	SY	SY	CY	LF	SY	SY	CY	CY	EA	SF
S. DELAWARE CT.	7	15	41	6962	-	780	2428			44	-	-	-	-	-	-
S. FLORENCE AVE.	8	18	48	5702	-	639	1997			52	-	-	-	-	-	-
S. FLORENCE PL.	8	18	46	3031	-	339	1021			50	-	-	-	-	-	-
S. GARY AVE.	2	4	11	1513	-	169	531			12	-	-	-	-	-	-
S. GARY PL.	3	7	18	3492	-	391	1019			19	-	-	-	-	-	-
E. 24TH PL.	-	-	-	438	-	49	164			-	-	-	-	-	-	-
E. 23RD ST.	-	-	-	1635	-	183	524			-	-	-	-	-	-	-
E. 22ND ST. (WEST)	-	-	-	1186	-	133	415			-	-	-	-	-	-	-
E. 22ND ST. (EAST)	-	-	-	2395	-	268	802			-	-	-	-	-	-	-
E. 21ST PL.	-	-	-	2540	-	284	896			-	-	-	-	-	-	-
S. FLORENCE AVE. (NORTH)	69	156	411	7924	-	887	7924			444	479	-	-	-	8	64
S. FLORENCE PL. (NORTH)	14	31	81	8570	-	960	8570			88	576	-	-	-	8	64
S. GARY AVE. (NORTH)	70	159	704	7459	-	835	7459			453	725	-	81	-	12	96
S. GARY PL. (NORTH)	42	95	249	7477	-	837	7477			269	536	-	-	-	8	64
E. 14TH ST.	-	-	-	2087	-	234	2087			-	-	-	-	-	-	-
E. 13TH ST.	1699	5096	6370	0	1158	463	0	452	88	1,925	103	797	-	50	16	128
TOTAL:	1,922	5,599	7,979	62,411	1,158	7,451	43,314	452	88	3,356	2,419	797	81	50	52	416

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-SM02.dwg, 260114 - 12:52 PM, DEP

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

REVISION	BY	DATE

SUMMARIES (2 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: NA	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	MHD	1/2026
HORIZONTAL:	LEAD ENGR.	DEP	3/26
VERTICAL:	FIELD MGR.	BKL	3/26
	RECOMMENDED: DESIGN MANAGER	HBS	3-26

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2025

ATLAS PAGE NO: 12, 32 SHEET 5 OF 108 SHEETS

SUMMARY OF SIGNS

No.	STATION LOCATION	TYPE OF SIGN	NUMBER OF SIGNS	SIGN SIZE	(PL)REMOVE & RESET EXISTING SIGNS 805(D)	SHEET ALUMINUM SIGN 850(A)	2.25" SQUARE TUBE POST 851(C)	2" SQUARE TUBE POST 851(C)	1.75" SQUARE TUBE SLEEVE 851(C)
				SF	EA	SF	FT	FT	FT
	S. FLORENCE AVE.								
1	100+68, 16' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
2	-	COT 608, E. 15TH ST.	2	1.50	-	3.00	-	-	-
3	-	COT 608, S. FLORENCE AVE. 1500	2	1.50	-	3.00	-	-	-
4	101+04, 15' LT.	R7-11	1	1.50	-	1.50	2.50	12.00	-
5	-	R7-201P	1	0.50	-	0.50	-	-	-
6	101+34, 15.5' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
7	-	R7-201P	1	0.50	-	0.50	-	-	-
8	104+45, 16' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
9	-	R7-201P	1	0.50	-	0.50	-	-	-
10	105+42, 15' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
11	-	R7-201P	1	0.50	-	0.50	-	-	-
12	108+23, 15' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
13	-	R7-201P	1	0.50	-	0.50	-	-	-
14	109+97, 15.5' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
15	-	R7-201P	1	0.50	-	0.50	-	-	-
16	112+39, 15' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
17	-	R7-201P	1	0.50	-	0.50	-	-	-
18	113+17, 15' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
19	-	COT 608, E. 13TH ST.	2	1.50	-	3.00	-	-	-
20	-	COT 608, S. FLORENCE AVE.	2	1.50	-	3.00	-	-	-
21	114+10, 18' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
22	114+50, 18' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
23	-	R7-201P	1	0.50	-	0.50	-	-	-
24	116+15, 17' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
25	-	R7-201P	1	0.50	-	0.50	-	-	-
26	117+24, 17' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
27	-	R7-201P	1	0.50	-	0.50	-	-	-
28	119+09, 19' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
29	-	R7-201P	1	0.50	-	0.50	-	-	-
30	120+09, 18' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
31	-	COT 608, E. 12TH ST.	2	1.50	-	3.00	-	-	-
32	-	COT 608, S. FLORENCE AVE.	2	1.50	-	3.00	-	-	-
33	-	R1-3	1	0.50	-	0.50	-	-	-
34	120+64, 18.5' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
35	-	R1-3	1	0.50	-	0.50	-	-	-
36	121+40, 18' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
37	-	R7-201P	1	0.50	-	0.50	-	-	-
38	122+87, 18' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
39	-	R7-201P	1	0.50	-	0.50	-	-	-
40	123+77, 18' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
41	-	R7-201P	1	0.50	-	0.50	-	-	-
42	125+18, 18' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
43	-	R7-201P	1	0.50	-	0.50	-	-	-
44	125+94, 18' RT.	R7-11	1	1.50	-	1.50	2.50	12.00	-
45	-	R7-201P	1	0.50	-	0.50	-	-	-
46	126+22, 17' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
47	-	R7-201P	1	0.50	-	0.50	-	-	-
48	126+61, 17' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
49	-	COT 608, E. 11TH ST. S	2	1.50	-	3.00	-	-	-
50	-	COT 608, S. FLORENCE AVE. 1100	2	1.50	-	3.00	-	-	-
	S. FLORENCE PL.								
51	200+59, 17.5, LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
52	-	COT 608, E. 15TH ST. 3100	2	1.50	-	3.00	-	-	-
53	-	COT 608, S. FLORENCE AVE. 1400	2	1.50	-	3.00	-	-	-
54	200+90, 16' LT.	R7-11	1	1.50	-	1.50	2.50	12.00	-
55	-	R7-201P	1	0.50	-	0.50	-	-	-
56	201+12, 17' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
57	-	R7-201P	1	0.50	-	0.50	-	-	-
58	201+33, 18' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
59	-	R7-201P	1	0.50	-	0.50	-	-	-
60	203+68, 18' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
61	-	R7-201P	1	0.50	-	0.50	-	-	-
62	206+11, 18' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
63	-	COT 608, E. 14TH ST.	2	1.50	-	3.00	-	-	-
64	-	COT 608, S. FLORENCE AVE.	2	1.50	-	3.00	-	-	-
65	208+16, 19' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
66	210+08, 18' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
67	-	R7-201P	1	0.50	-	0.50	-	-	-
68	212+72, 18' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
69	-	R7-201P	1	0.50	-	0.50	-	-	-
70	215+28, 18' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
71	-	R7-201P	1	0.50	-	0.50	-	-	-
72	216+74, 18' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
73	-	R7-201P	1	0.50	-	0.50	-	-	-
74	218+80, 18' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
75	-	R7-201P	1	0.50	-	0.50	-	-	-
76	219+83, 17' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
77	-	COT 608, E. 12TH ST.	2	1.50	-	3.00	-	-	-
78	-	COT 608, S. FLORENCE AVE.	2	1.50	-	3.00	-	-	-
79	220+36, 17' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
80	221+06, 18' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
81	-	R7-201P	1	0.50	-	0.50	-	-	-
82	222+90, 18' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
83	-	R7-201P	1	0.50	-	0.50	-	-	-
84	224+47, 18' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
85	-	R7-201P	1	0.50	-	0.50	-	-	-
86	225+91, 18' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
87	-	R7-201P	1	0.50	-	0.50	-	-	-
88	226+35, 22' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
89	-	COT 608, E. 11TH ST.	2	1.50	-	3.00	-	-	-
90	-	COT 608, S. FLORENCE AVE. 1100	2	1.50	-	3.00	-	-	-
	S. GARY AVE.								
91	300+64, 15' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
92	-	COT 608, E. 15TH ST. 3100	2	1.50	-	3.00	-	-	-
93	-	COT 608, S. GARY AVE. 1400	2	1.50	-	3.00	-	-	-
94	301+11, 16' RT.	R7-11	1	1.50	-	1.50	2.50	12.00	-
95	-	R7-201P	1	0.50	-	0.50	-	-	-
96	301+18, 15' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
97	-	R7-201P	1	0.50	-	0.50	-	-	-
98	303+71, 15' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
99	-	R7-201P	1	0.50	-	0.50	-	-	-
100	305+52, 15' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
101	-	R7-201P	1	0.50	-	0.50	-	-	-
102	307+97, 15.5' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
103	-	R7-201P	1	0.50	-	0.50	-	-	-
104	309+87, 15.5' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
105	-	R7-201P	1	0.50	-	0.50	-	-	-
106	311+38, 15' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
107	-	R7-201P	1	0.50	-	0.50	-	-	-
108	313+18, 17' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
109	-	COT 608, E. 13TH ST.	2	1.50	-	3.00	-	-	-
110	-	COT 608, S.GARY AVE.	2	1.50	-	3.00	-	-	-
111	313+81, 15' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
112	314+98, 15' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
113	-	R7-201P	1	0.50	-	0.50	-	-	-
114	316+76, 16' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
115	-	R7-201P	1	0.50	-	0.50	-	-	-
116	319+06, 15' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
117	-	R7-201P	1	0.50	-	0.50	-	-	-
118	-	R7-11	1	1.50	-	1.50	-	-	-
119	-	R7-201P	1	0.50	-	0.50	-	-	-
120	319+85, 16' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
121	-	COT 608, E. 12TH ST.	2	1.50	-	3.00	-	-	-
122	-	COT 608, S. GARY AVE.	2	1.50	-	3.00	-	-	-
123	320+37, 16' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
124	320+96, 15' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
125	-	R7-201P	1	0.50	-	0.50	-	-	-
126	323+07, 15' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
127	-	R7-201P	1	0.50	-	0.50	-	-	-
128	325+40, 16' LT.	R7-6D	1	1.50	-	1.50	2.50	12.00	-
129	325+40, RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
130	-	R7-201P	1	0.50	-	0.50	-	-	-
131	326+36, 16' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
132	-	COT 608, E. 11TH ST. S.	2	1.50	-	3.00	-	-	-
133	-	COT 608, S. GARY AVE. 1100	2	1.50	-	3.00	-	-	-
	S. GARY PL.								
134	400+58, 16' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
135	-	COT 608, E. 15TH ST. 3200	2	1.50	-	3.00	-	-	-
136	-	COT 608, S. GARY PL. 1400	2	1.50	-	3.00	-	-	-
137	401+18, 16' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
138	-	R7-201P	1	0.50	-	0.50	-	-	-
139	401+82, 15' LT.	R7-11	1	1.50	-	1.50	2.50	12.00	-
140	-	R7-201P	1	0.50	-	0.50	-	-	-
141	403+68, 17' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
142	-	R7-201P	1	0.50	-	0.50	-	-	-
143	405+64, 16' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
144	-	R7-201P	1	0.50	-	0.50	-	-	-
145	406+63, 16' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
146	-	COT 608, E. 14TH ST.	2	1.50	-	3.00	-	-	-
147	-	COT 608, S.GARY PL.	2	1.50	-	3.00	-	-	-
148	407+17, 16.5' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
149	409+54, 16' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
150	-	R7-201P	1	0.50	-	0.50	-	-	-
151	411+20, 16.5' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
152	-	R7-201P	1	0.50	-	0.50	-	-	-
153	413+17, 18' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
154	-	COT 608, E. 13TH ST.	2	1.50	-	3.00	-	-	-
155	-	COT 608, S. GARY PL.	2	1.50	-	3.00	-	-	-
156	413+83, 15.5' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
157	414+86, 16' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
158	-	R7-201P	1	0.50	-	0.50	-	-	-
159	416+88, 16' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
160	-	R7-201P	1	0.50	-	0.50	-	-	-
161	419+29, 15' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
162	-	R7-201P	1	0.50	-	0.50	-	-	-
163	419+31, 15.5' RT.	R7-11	1	1.50	-	1.50	2.50	12.00	-
164	-	R7-201P	1	0.50	-	0.50	-	-	-
165	419+82, 15' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
166	420+38, 16' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
167	-	COT 608, E. 12TH ST. S.	2	1.50	-	3.00	-	-	-
168	-	COT 608, S. GARY PL.	2	1.50	-	3.00	-	-	-
169	420+80, 15' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
170	-	R7-201P	1	0.50	-	0.50	-	-	-



6/3/2025

REVISION	BY	DATE

SUMMARIES (3 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: NA	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.		6/25	
HORIZONTAL:	LEAD ENGR.		2/26	
	FIELD MGR.		3/26	
VERTICAL:	RECOMMENDED: DESIGN MANAGER			CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 6 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-SM02.dwg, 250603 - 11:55 AM, DEP

SUMMARY OF SIGNS

No.	STATION LOCATION	TYPE OF SIGN	NUMBER OF SIGNS	SIGN SIZE	(PL)REMOVE & RESET EXISTING SIGNS	SHEET ALUMINUM SIGN	2.25" SQUARE TUBE POST	2" SQUARE TUBE POST	1.75" SQUARE TUBE SLEEVE
					805(D)	850(A)	851(C)	851(C)	851(C)
				SF	EA	SF	FT	FT	FT
171	421+08, 16' LT.	R7-11	1	1.50	-	1.50	2.50	12.00	-
172	-	R7-201P	1	0.50	-	0.50	-	-	-
173	422+31, 15.5' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
174	-	R7-201P	1	0.50	-	0.50	-	-	-
175	424+20, 15.5' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
176	-	R7-201P	1	0.50	-	0.50	-	-	-
177	424+78, 15.5' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
178	-	R7-11	1	1.50	-	1.50	-	-	-
179	-	R7-201P	1	0.50	-	0.50	-	-	-
180	425+71, 16' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
181	-	R7-201P	1	0.50	-	0.50	-	-	-
182	426+33, 16' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
183	-	COT 608, E. 11TH ST. 3200	2	1.50	-	3.00	-	-	-
184	-	COT 608, S. GARY PL. 1100	2	1.50	-	3.00	-	-	-
	E. 14TH STREET								
185	500+53, 17' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
186	501+08, 16' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
187	-	COT 608, E. 14TH ST.	2	1.50	-	3.00	-	-	-
188	-	COT 608, S.FLORENCE AVE.	2	1.50	-	3.00	-	-	-
189	501+60, 17' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
190	-	R7-201P	1	0.50	-	0.50	-	-	-
191	501+62, 16.5' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
192	-	R7-201P	1	0.50	-	0.50	-	-	-
193	503+24, 17' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
194	-	R7-201P	1	0.50	-	0.50	-	-	-
195	505+73, 15.5' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
196	-	R7-201P	1	0.50	-	0.50	-	-	-
197	507+05, 17' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
198	-	COT 608, E. 14TH ST.	2	1.50	-	3.00	-	-	-
199	-	COT 608, S. GARY AVE.	2	1.50	-	3.00	-	-	-
200	507+60, 16' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
201	508+74, 15' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
202	-	R7-201P	1	0.50	-	0.50	-	-	-
203	509+75, 15' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
204	-	R7-201P	1	0.50	-	0.50	-	-	-
	E. 13TH STREET								
205	601+69, 14' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
206	-	R7-201P	1	0.50	-	0.50	-	-	-
207	603+28, 13' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
208	-	R7-201P	1	0.50	-	0.50	-	-	-
209	604+10, 23' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
210	604+67, 20' LT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
211	-	COT 608, E. 13TH ST.	2	1.50	-	3.00	-	-	-
212	-	COT 608, S. FLORENCE PL.	2	1.50	-	3.00	-	-	-
213	605+29, 15' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
214	-	R7-201P	1	0.50	-	0.50	-	-	-
215	606+90, 14' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
216	-	R7-201P	1	0.50	-	0.50	-	-	-
217	608+50, 15' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
218	-	R7-201P	1	0.50	-	0.50	-	-	-
219	610+43, 18' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
220	-	R7-201P	1	0.50	-	0.50	-	-	-
221	611+52, 16' LT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
222	-	R7-201P	1	0.50	-	0.50	-	-	-
223	611+64, 15' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
224	-	R7-201P	1	0.50	-	0.50	-	-	-
225	612+30, 15' LT.	R2-1	1	1.50	-	1.50	2.50	12.00	-
226	613+48, 16' RT.	R7-1D	1	1.50	-	1.50	2.50	12.00	-
227	-	R7-201P	1	0.50	-	0.50	-	-	-
228	613+82, 16' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
229	-	COT 608, E. 13TH ST.	2	1.50	-	3.00	-	-	-
230	-	COT 608, S. HARVARD AVE.	2	1.50	-	3.00	-	-	-
	S. DELEWARE CT.								
231	20+17, 19' RT.	COT 608, E. 23TH ST.	2	1.50	-	3.00	2.50	12.00	1.50
232	-	COT 608, S. DELEWARE CT.	2	1.50	-	3.00	-	-	-
233	32+07, 16' RT.	COT 608, E. 22ND ST.	2	1.50	-	3.00	2.50	12.00	1.50
234	-	COT 608, S. DELEWARE CT.	2	1.50	-	3.00	-	-	-
235	36+24, 15.5' RT.	W14-1	1	2.25	-	2.25	2.50	12.00	-
	S. FLORENCE AVE. (SOUTH)								
236	59+76, 17' LT.	R2-1	1	1.50	-	-	2.50	12.00	-
237	63+89, 16' RT.	R7-11	1	1.50	-	-	2.50	12.00	-
238	-	R7-201P	1	0.50	-	0.50	-	-	-
239	64+19, 16' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
240	-	COT 608, S. 21ST ST. 3000	2	1.50	-	3.00	-	-	-
241	-	COT 608, S. FLORENCE AVE. 2100	2	1.50	-	3.00	-	-	-
242	-	ALERT NEIGHBORS	2	1.50	1	-	-	-	-
	S. FLORENCE PL. (SOUTH)								
243	70+20, 25' RT.	COT 608, S. GARY PL.	2	1.50	-	3.00	2.50	12.00	1.50
244	-	COT 608, S. FLORENCE PL.	2	1.50	-	3.00	-	-	-
245	71+15, 16' RT.	R2-1	1	1.50	-	-	-	-	-
246	81+30, 19' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
247	-	R1-3A	1	0.50	-	0.50	-	-	-
248	85+51, 15.5' RT.	R1-1	1	5.18	-	5.18	2.50	12.00	1.50
249	-	R1-3A	1	0.50	-	0.50	-	-	-
	S. GARY PL. (SOUTH)								
250	120+59, 25.5' RT.	COT 608, S. GARY PL.	2	1.50	-	3.00	2.50	12.00	1.50
251	-	COT 608, S. DELEWARE CT.	2	1.50	-	3.00	-	-	-
252	123+20, 20' LT.	ALERT NEIGHBORS	2	1.50	1	-	-	-	-
253	-	COT 608, S. GARY PL.	2	1.50	-	3.00	2.50	12.00	1.50
254	-	COT 608, S. FLORENCE AVE.	2	1.50	-	3.00	-	-	-
255	126+97, 16.5' RT.	R1-2	1	3.13	-	3.13	2.50	12.00	1.50

SUMMARY OF SIGNS

No.	STATION LOCATION	TYPE OF SIGN	NUMBER OF SIGNS	SIGN SIZE	(PL)REMOVE & RESET EXISTING SIGNS	SHEET ALUMINUM SIGN	2.25" SQUARE TUBE POST	2" SQUARE TUBE POST	1.75" SQUARE TUBE SLEEVE
					805(D)	850(A)	851(C)	851(C)	851(C)
				SF	EA	SF	FT	FT	FT
256	-	COT 608, E. 24TH PL.	2	1.50	-	3.00	-	-	-
257	-	COT 608, S. GARY PL.	2	1.50	-	3.00	-	-	-
258	127+84, 16' LT.	R1-2	1	3.13	-	3.13	2.50	12.00	1.50
259	130+18, 15' LT.	R7-12	1	1.50	-	-	2.50	12.00	-
260	-	R7-201P	1	0.50	-	0.50	-	-	-
261	130+27, 17' RT.	R7-1D	1	1.50	-	-	2.50	12.00	-
262	130+47, 16.5' RT.	COT 608, S. GARY PL.	2	1.50	-	3.00	2.50	12.00	1.50
263	-	COT 608, S. GARY AVE.	2	1.50	-	3.00	-	-	-
	S. GARY AVE. (SOUTH)								
264	90+18, 14.5' LT.	R7-12	1	1.50	-	-	2.50	12.00	-
265	-	R7-201P	1	0.50	-	0.50	-	-	-
266	90+77, 16' RT.	R7-1D	1	1.50	-	-	2.50	12.00	-
267	-	R7-201P	1	0.50	-	0.50	-	-	-
268	92+09, 15' RT.	R7-1D	1	1.50	-	-	2.50	12.00	-
269	-	R7-201P	1	0.50	-	0.50	-	-	-
270	93+25, 15' RT.	R7-1D	1	1.50	-	-	2.50	12.00	-
271	-	R7-201P	1	0.50	-	0.50	-	-	-
272	94+79, 15.5' RT.	R7-1D	1	1.50	-	-	2.50	12.00	-
273	-	R7-201P	1	0.50	-	0.50	-	-	-
274	95+96, 16' RT.	R1-2	1	1.13	-	1.13	2.50	12.00	1.50
275	-	COT 608, E. 22ND ST.	2	1.50	-	3.00	2.50	12.00	1.50
276	-	COT 608, S. GARY AVE.	2	1.50	-	3.00	-	-	-
	E. 24TH PL.								
277	151+48, 17' RT.	R7-11	1	1.50	-	-	2.50	12.00	-
278	-	R7-201P	1	0.50	-	0.50	-	-	-
279	152+02, 18' RT.	R1-1	1	3.13	-	3.13	2.50	12.00	1.50
280	-	COT 608, E. 24TH PL. 3200	2	1.50	-	3.00	2.50	12.00	1.50
281	-	COT 608, S. HARVARD AVE. 2400	2	1.50	-	3.00	-	-	-
282	-	ALERT NEIGHBORS	1	1.50	1	-	-	-	-
	E. 23RD ST.								
283	142+82, 15.5' RT.	R1-1	1	3.13	-	3.13	2.50	12.00	1.50
284	-	COT 608, E. 22ND ST.	2	1.50	-	3.00	-	-	-
285	-	COT 608, S. GARY AVE.	2	1.50	-	3.00	-	-	-
286	-	ALERT NEIGHBORS	1	1.50	1	-	-	-	-
287	143+66, 16.5' LT.	R1-1	1	3.13	-	3.13	2.50	12.00	1.50
288	146+05, 16.5' RT.	R1-1	1	3.13	-	3.13	2.50	12.00	1.50
	E. 22ND ST. WEST								
289	164+97, 17' RT.	COT 608, E. 22ND ST.	2	1.50	-	3.00	2.50	12.00	1.50
290	-	COT 608, S. FLORENCE AVE.	2	1.50	-	3.00	-	-	-
291	-	ALERT NEIGHBORS	2	1.50	1	-	-	-	-
	E. 22ND ST. EAST								
292	170+28, 16' LT.	R1-1	1	3.13	-	3.13	2.50	12.00	1.50
293	-	R1-3a	1	0.50	-	0.50	-	-	-
294	-	COT 608, E. 22ND ST.	2	1.50	-	3.00	-	-	-
295	-	COT 608, S. FLORENCE PL.	2	1.50	-	3.00	-	-	-
296	178+19, 15.5' RT.	R7-1D	2	1.50	-	3.00	2.50	12.00	-
297	-	R7-201P	1	0.50	-	0.50	-	-	-
298	179+43, 15' RT.	R1-1	1	3.13	-	3.13	2.50	12.00	1.50
299	-	COT 608, E. 22ND ST. 3200	2	1.50	-	3.00	-	-	-
300	-	COT 608, S. HARVARD AVE. 2200	2	1.50	-	3.00	-	-	-
301	-	ALERT NEIGHBORS	2	1.50	1	-	-	-	-
	E. 21ST PL.								
302	198+27, 16' LT.	COT 608, E. 21ST PL.	2	1.50	-	3.00	2.50	12.00	1.50
303	-	COT 608, S. GARY PL.	2	1.50	-	3.00	-	-	-
304	200+56, 20' RT.	COT 608, E. 21ST PL.	2	1.50	-	3.00	2.50	12.00	1.50
305	-	COT 608, S. GARY PL.	2	1.50	-	3.00	-	-	-
		TOTAL:			4	601	360	1728	84

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA

6/3/2025

REVISION	BY	DATE

SUMMARIES (4 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

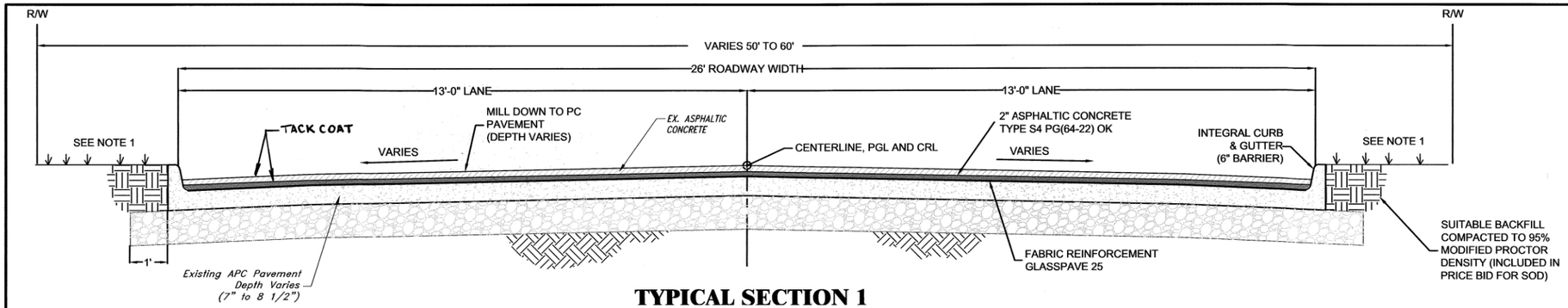
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: NA	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.	DMD	6/25	
HORIZONTAL:	LEAD ENGR.			
	FIELD MGR.			
VERTICAL:	RECOMMENDED: DESIGN MANAGER	PER MZ, HAS 3-26		CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 7 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-SM02.dwg, 250603 - 11:56 AM, DEP



TYPICAL SECTION 1
MILL AND 2" A.C. OVERLAY
A.C. OVER P.C.C. - INTEGRAL CURB

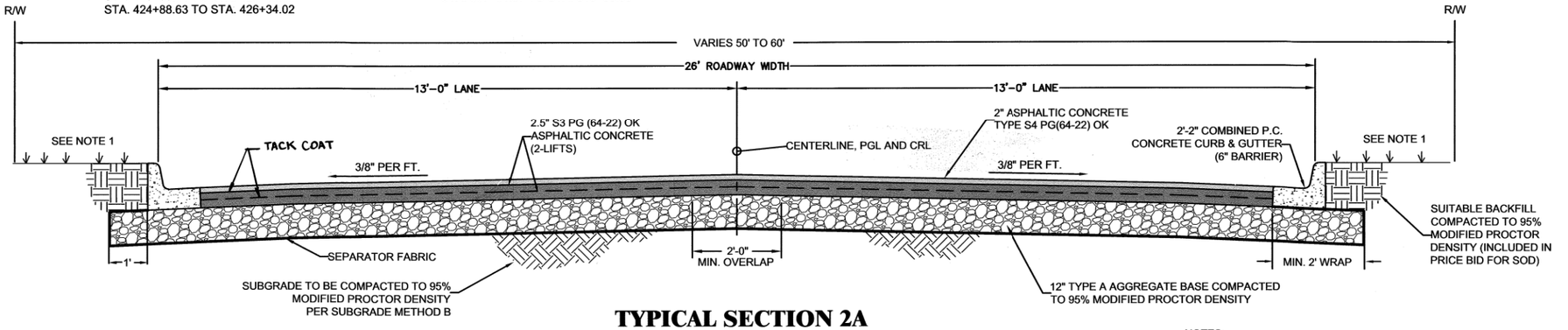
N.T.S.

NORTH STREETS

FLORENCE AVE	STA. 107+18.57 TO STA. 113+16.33	FLORENCE AVE	STA. 100+63.01 TO STA. 107+18.57
	STA. 114+18.40 TO STA. 126+61.54	FLORENCE PL	STA. 213+17.85 TO STA. 226+32.73
FLORENCE PL	STA. 200+64.43 TO STA. 206+63.52	GARY AVE	STA. 300+63.97 TO STA. 307+17.71
	STA. 207+20.05 TO STA. 213+17.85	GARY PL	STA. 407+17.41 TO STA. 413+15.50
GARY AVE	STA. 307+17.71 TO STA. 313+18.10		STA. 420+40.05 TO STA. 424+88.63
	STA. 313+82.62 TO STA. 326+35.33	E 14TH ST	STA. 501+06.28 TO STA. 503+74.41
GARY PL	STA. 400+59.16 TO STA. 407+17.41		STA 504+28.96 TO STA. 507+05.59
	STA. 413+90.64 TO STA. 420+40.05		STA. 507+61.57 TO STA. 510+88.35
	STA. 424+88.63 TO STA. 426+34.02		

NOTES:

1. SEE PAY ITEM NOTE E-10, SHEET 2 FOR LIMITS OF SOLID SLAB SOD REPLACEMENT.
2. SEE REHABILITATION SHEETS FOR LIMITS OF COMBINED CURB AND GUTTER REPLACEMENT.
3. [redacted]
4. PER ODOT SECTION 417-COLD MILLING PAVEMENT: MILL THE EXISTING PAVEMENT UNIFORMLY TO PROVIDE A UNIFORM TEXTURE, TRUE TO LINE, GRADE, AND CROSS SECTION; IT SHALL HAVE NO DEVIATIONS IN EXCESS OF 3/16" IN 10 FEET. MAKE AS MANY PASSES AS NECESSARY TO REMOVE IRREGULARITIES AND TO PROFILE THE SURFACE TO THE DEPTH AND CROSS SLOPE SHOWN.
5. SEE SHEET 9 FOR "SUMMARY OF EXISTING PAVEMENT" FOR EXISTING PAVEMENT THICKNESS.



TYPICAL SECTION 2A
FULL DEPTH A.C. RECONSTRUCTION

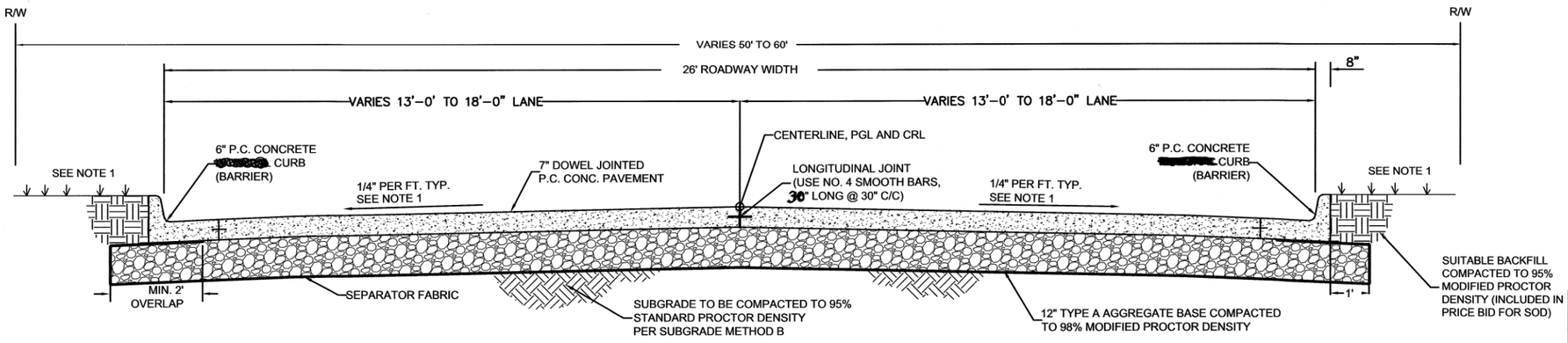
N.T.S.

NORTH STREETS

E 13TH ST	STA. 600+40.38 TO STA. 603+98.10
	STA. 604+83.68 TO STA. 613+89.90

NOTES:

1. SEE PAY ITEM NOTE E-10, SHEET 2 FOR LIMITS OF SOLID SLAB SOD REPLACEMENT.

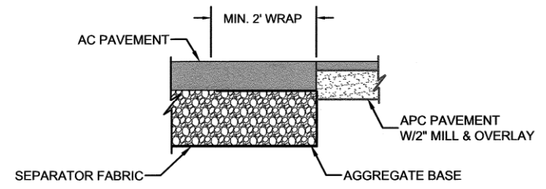


TYPICAL SECTION NO. 2B
FULL DEPTH P.C. CONC. PAVEMENT

N.T.S.

NORTH STREETS

E 13TH ST	STA. 603+98.10 TO STA. 604+83.68



BUTT JOINT DETAIL

N.T.S.

LICENSED PROFESSIONAL ENGINEER — Daniel E. Polasek — 24920 — OKLAHOMA

8/17/2026

REVISION	BY	DATE

TYPICAL SECTIONS (1 OF 2)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: N.T.S.	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	TLD	8/26
HORIZONTAL:	LEAD ENGR.	DP	10/26
VERTICAL:	FIELD MGR.		10/26
	RECOMMENDED: DESIGN MANAGER		10-26

APPROVED: CITY ENGINEER

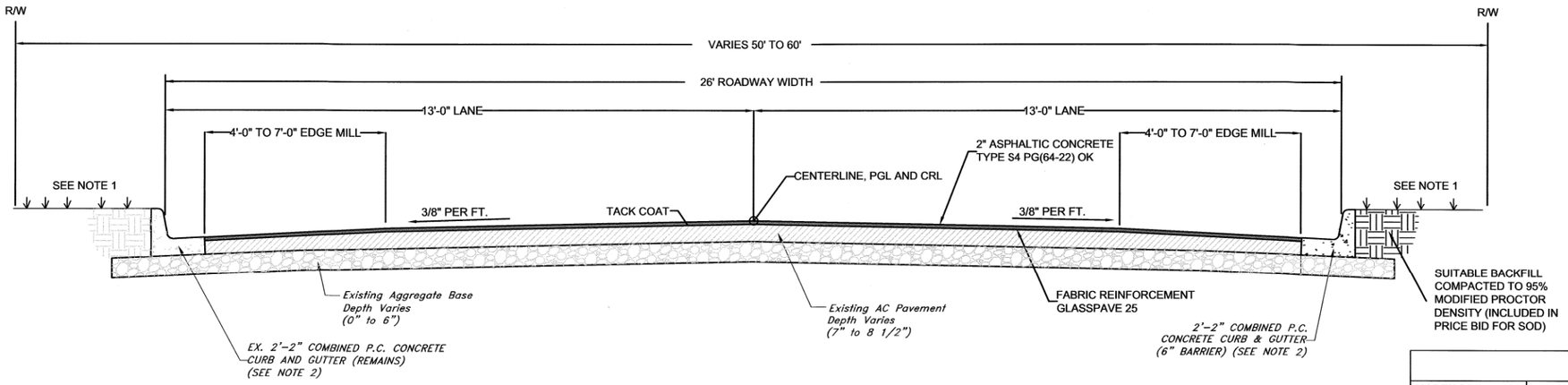
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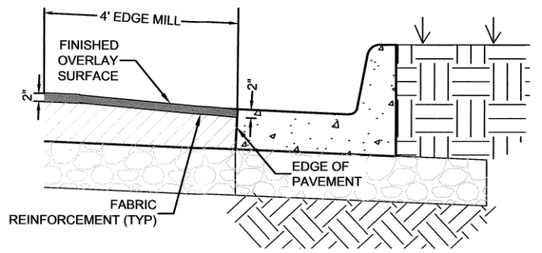
SHEET 8 OF 108 SHEETS

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TYPICAL SECTION NO. 3
2" EDGE MILL AND A.C. OVERLAY - BARRIER CURB

N.T.S.



2" EDGE MILL DETAIL

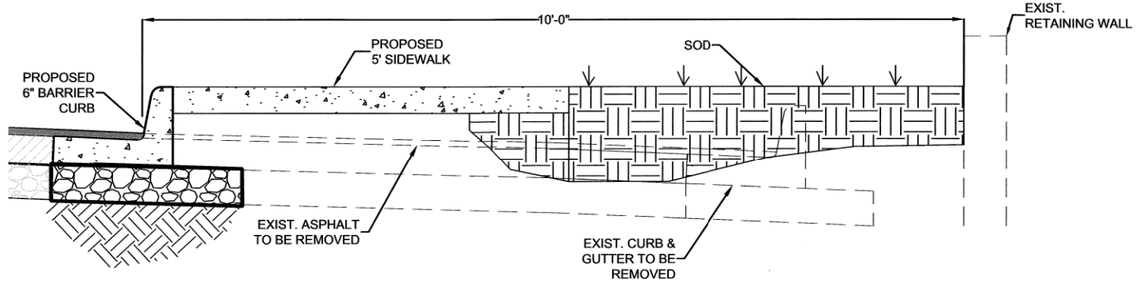
N.T.S.

SOUTH STREETS

DELAWARE CT	STA. 10+00.00 TO STA. 35+15.94
	STA. 36+44.44 TO STA. 38+55.58
FLORENCE AVE	STA. 40+75.84 TO STA. 48+23.48
	STA. 48+98.42 TO STA. 60+91.47
	STA. 61+67.03 TO STA. 64+34.14
FLORENCE PL	STA. 70+43.31 TO STA. 81+85.81
GARY AVE	STA. 90+00.00 TO STA. 95+95.49
GARY PL	STA. 120+00.00 TO STA. 130+89.80
E 24TH PL	STA. 150+57.40 TO STA. 152+21.44
E 23RD ST	STA. 140+28.14 TO STA. 146+03.19
E 22ND ST	STA. 160+27.85 TO STA. 164+91.52
	STA. 170+28.83 TO STA. 179+45.38
E 21ST PL	STA. 190+56.29 TO STA. 200+63.68

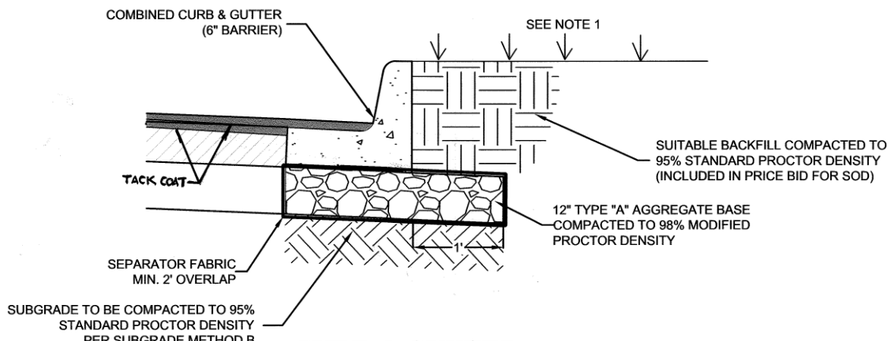
NOTES:

1. SEE PAY ITEM NOTE E-10, SHEET 2 FOR LIMITS OF SOLID SLAB SOD REPLACEMENT.
2. SEE REHABILITATION SHEETS FOR LIMITS OF COMBINED CURB AND GUTTER REPLACEMENT.
3. ~~SEE REHABILITATION SHEETS FOR TYPE, DISTRIBUTION, AND THICKNESS OF ASPHALT ENGINEERING ASPHALTIC CONCRETE LEVELING COURSE, ESTIMATED AT 1" THICK.~~
4. PER ODOT SECTION 417-COLD MILLING PAVEMENT: MILL THE EXISTING PAVEMENT UNIFORMLY TO PROVIDE A UNIFORM TEXTURE, TRUE TO LINE, GRADE, AND CROSS SECTION; IT SHALL HAVE NO DEVIATIONS IN EXCESS OF 3/16" IN 10 FEET. MAKE AS MANY PASSES AS NECESSARY TO REMOVE IRREGULARITIES AND TO PROFILE THE SURFACE TO THE DEPTH AND CROSS SLOPE SHOWN.
5. SEE PREVIOUS SHEET FOR NORTH PROJECT TYPICAL SECTIONS.
6. SEE "SUMMARY OF EXISTING PAVEMENT" FOR EXISTING PAVEMENT THICKNESS.



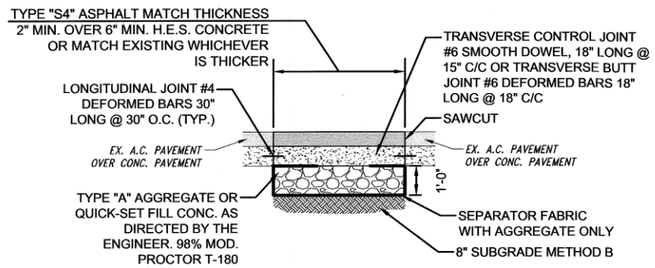
E. 13TH ST
SIDEWALK DETAIL

N.T.S.



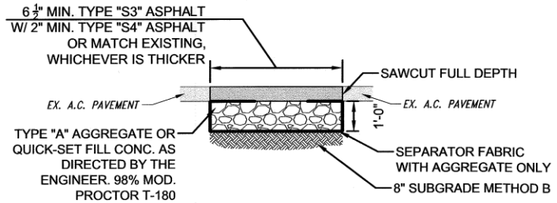
CURB & GUTTER
REPLACEMENT DETAIL

N.T.S.



TYPE 1 A.P.C. PATCH
NON-ARTERIAL AND ALLEYS

N.T.S.



TYPE 1 A.C. PATCH
NON-ARTERIAL AND ALLEYS

N.T.S.

SUMMARY OF EXISTING PAVEMENT

NORTH PROJECTS	STA. TO STA.	TYPICAL SECTION	EXISTING PAVEMENT TYPE (DEPTH VARIES)
FLORENCE AVE	100+63.01 TO 126+61.54	TYPICAL SECTION 1 MILL AND 2" A.C. OVERLAY A.C. OVER P.C.C. - INTEGRAL CURB	ASPHALTIC CONCRETE, 4" AND PORTLAND CEMENT CONCRETE, 5"- 5.5"
FLORENCE PL	200+64.43 TO 226+32.73	TYPICAL SECTION 1 MILL AND 2" A.C. OVERLAY A.C. OVER P.C.C. - INTEGRAL CURB	ASPHALTIC CONCRETE, 3"- 4" AND PORTLAND CEMENT CONCRETE, 4"- 6.5"
GARY AVE	300+63.97 TO 326+35.33	TYPICAL SECTION 1 MILL AND 2" A.C. OVERLAY A.C. OVER P.C.C. - INTEGRAL CURB	ASPHALTIC CONCRETE, 3.5"- 4" AND PORTLAND CEMENT CONCRETE, 4"- 5.5"
GARY PL	400+59.16 TO 426+34.02	TYPICAL SECTION 1 MILL AND 2" A.C. OVERLAY A.C. OVER P.C.C. - INTEGRAL CURB	ASPHALTIC CONCRETE, 3"- 4" AND PORTLAND CEMENT CONCRETE, 4.5"- 5.25"
E 14TH ST	501+06.28 TO 510+88.35	TYPICAL SECTION 1 MILL AND 2" A.C. OVERLAY A.C. OVER P.C.C. - INTEGRAL CURB	ASPHALTIC CONCRETE, 8.5"
E 13TH ST	600+40.38 TO 603+98.10 604+83.68 TO 613+89.90	TYPICAL SECTION 2A FULL DEPTH A.C. RECONSTRUCTION	ASPHALTIC CONCRETE, 8.75" - 9"
E 13TH ST	603+98.10 TO 604+83.68	TYPICAL SECTION NO. 2B FULL DEPTH P.C. CONC. PAVEMENT	ASPHALTIC CONCRETE, 9"

SOUTH PROJECTS	STA. TO STA.	TYPICAL SECTION	EXISTING PAVEMENT TYPE (DEPTH VARIES)
DELAWARE CT	10+00.00 TO 38+55.58	TYPICAL SECTION NO. 3 2" EDGE MILL AND A.C. OVERLAY - BARRIER CURB	ASPHALTIC CONCRETE, 7.5" - 8"
FLORENCE AVE	40+75.84 TO 64+34.14	TYPICAL SECTION NO. 3 2" EDGE MILL AND A.C. OVERLAY - BARRIER CURB	ASPHALTIC CONCRETE, 7.5"
FLORENCE PL	70+43.31 TO 81+85.81	TYPICAL SECTION NO. 3 2" EDGE MILL AND A.C. OVERLAY - BARRIER CURB	ASPHALTIC CONCRETE, 7.75"
GARY AVE	90+00.00 TO 95+95.49	TYPICAL SECTION NO. 3 2" EDGE MILL AND A.C. OVERLAY - BARRIER CURB	ASPHALTIC CONCRETE, 8.5"
GARY PL	120+00.00 TO 130+89.80	TYPICAL SECTION NO. 3 2" EDGE MILL AND A.C. OVERLAY - BARRIER CURB	ASPHALTIC CONCRETE, 7.5"
E 24TH PL	150+57.40 TO 152+21.44	TYPICAL SECTION NO. 3 2" EDGE MILL AND A.C. OVERLAY - BARRIER CURB	ASPHALTIC CONCRETE, 7.75"
E 23RD ST	140+28.14 TO 146+03.19	TYPICAL SECTION NO. 3 2" EDGE MILL AND A.C. OVERLAY - BARRIER CURB	ASPHALTIC CONCRETE, 7.5"
E 22ND ST	160+27.85 TO 179+45.38	TYPICAL SECTION NO. 3 2" EDGE MILL AND A.C. OVERLAY - BARRIER CURB	ASPHALTIC CONCRETE, 7"
E 21ST PL	190+56.29 TO 200+63.68	TYPICAL SECTION NO. 3 2" EDGE MILL AND A.C. OVERLAY - BARRIER CURB	ASPHALTIC CONCRETE, 7"

LICENSED PROFESSIONAL ENGINEER — Daniel E. Polasek — 24920 — OKLAHOMA

8/17/2026

REVISION	BY	DATE

TYPICAL SECTIONS (2 OF 2)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

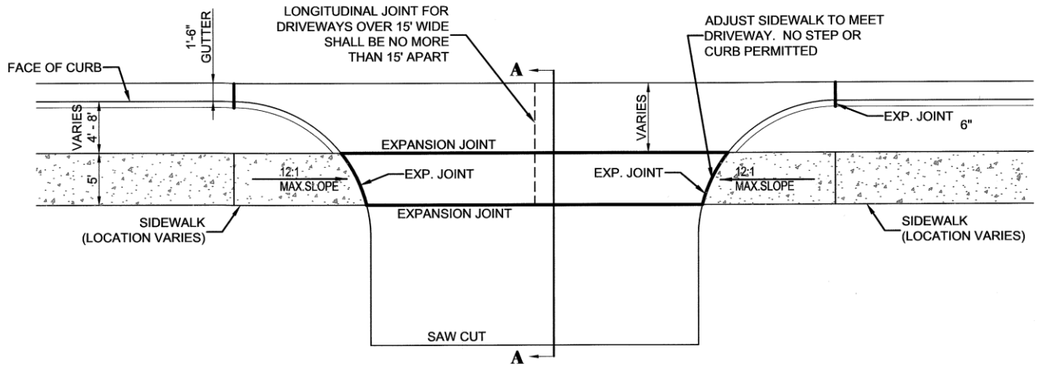
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		8/26
HORIZONTAL:	LEAD ENGR.		10/26
	FIELD MGR.		10/26
VERTICAL:	RECOMMENDED: DESIGN MANAGER	HAS	10-26

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 9 OF 108 SHEETS

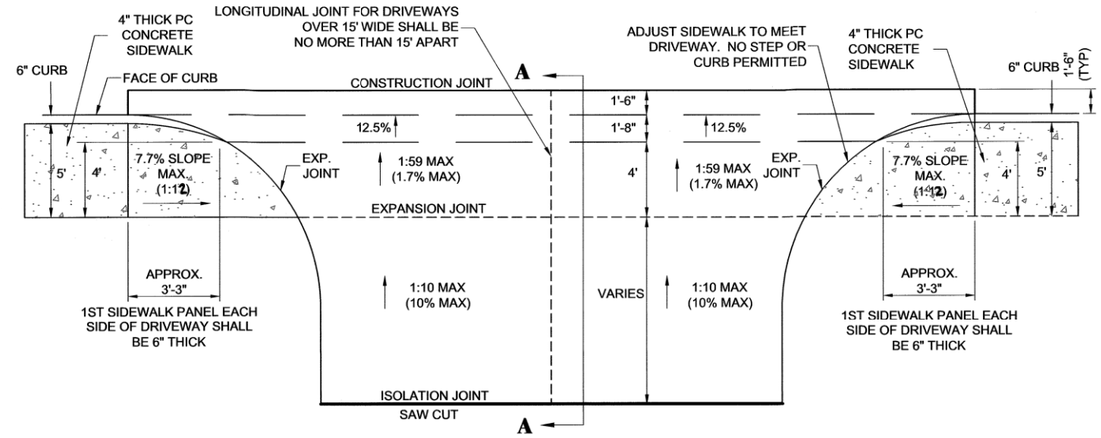
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TYPICAL SIDEWALK THRU DRIVEWAY PLAN

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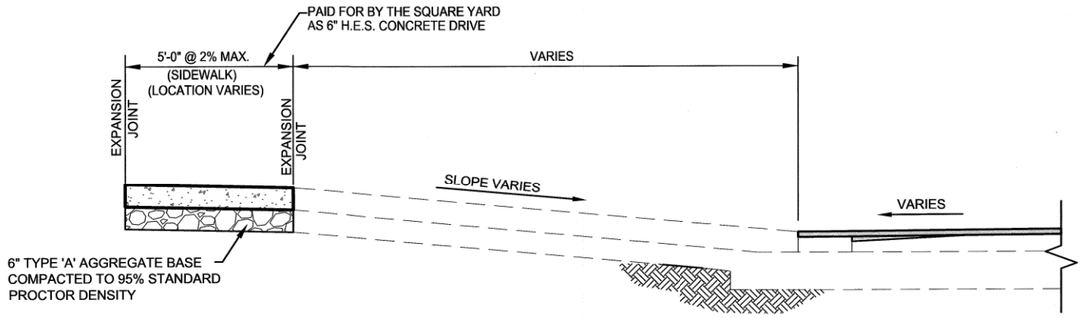
NOTES: CURB RADII AS SHOWN ON CONSTRUCTION PLANS
JOINTS SHOWN FOR P.C. CONCRETE DRIVEWAY



TYPICAL DRIVEWAY PLAN

N.T.S.

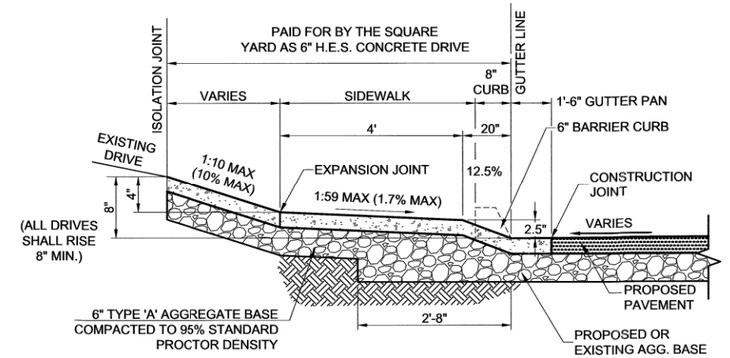
NOTES: CURB RADII AS SHOWN ON CONSTRUCTION PLANS



SIDEWALK THRU DRIVEWAY SECTION A-A

N.T.S.

JOINTS SHOWN FOR P.C. CONCRETE DRIVEWAY

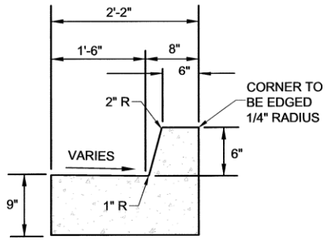


* SEE CROSS SECTIONS FOR INDIVIDUAL DRIVEWAY SLOPES

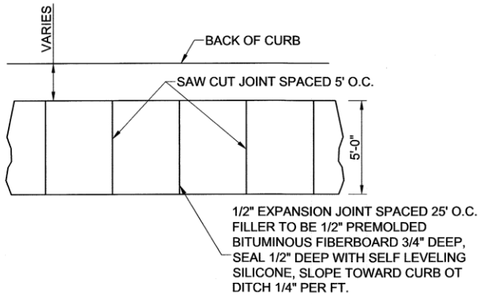
DRIVEWAY SECTION A-A

N.T.S.

JOINTS SHOWN FOR P.C. CONCRETE DRIVEWAY

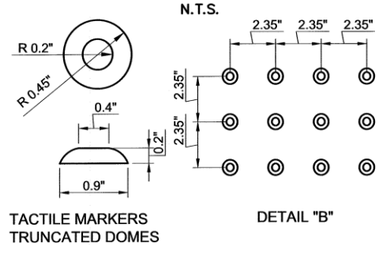


DETAIL OF 2'-2" COMBINATION CURB & GUTTER (6" BARRIER)



PLAN DETAIL OF CONCRETE SIDEWALK

N.T.S.



TACTILE MARKERS TRUNCATED DOMES

N.T.S.

LICENSED PROFESSIONAL ENGINEER Daniel E. Polasek 24920 OKLAHOMA

8/17/2026

REVISION	BY	DATE

MISCELLANEOUS DETAILS (1 OF 2)

PROJ. 2036 N 4022Z

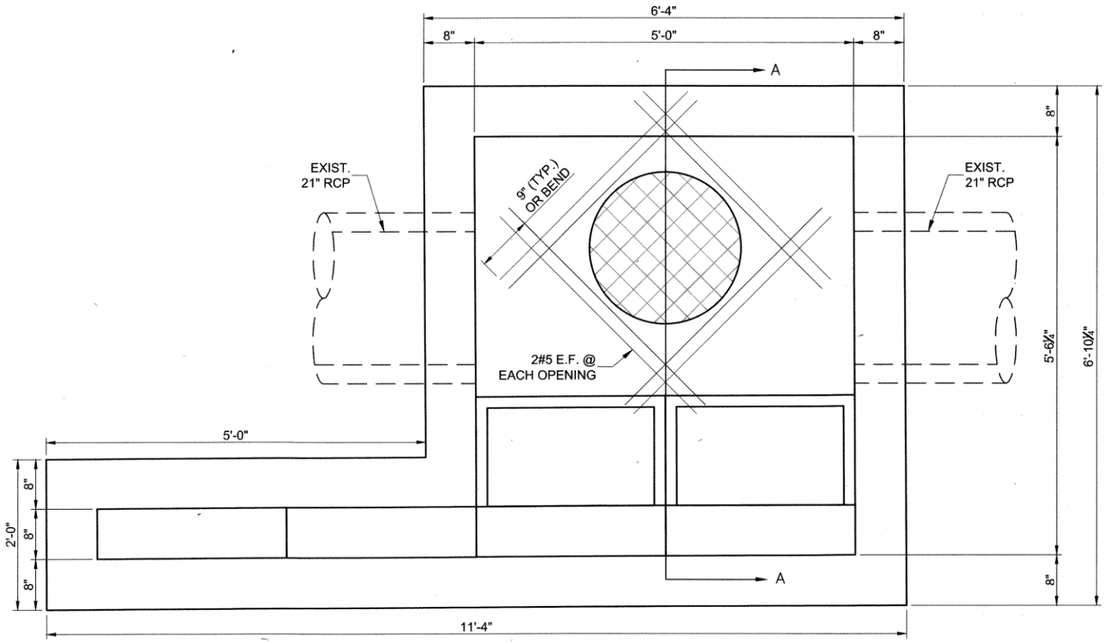
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-0588

PLAN SCALE: N.T.S.	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE HORIZONTAL:	PROJ. MGR.		8/26	
	LEAD ENGR.		10/26	
	FIELD MGR.		10/26	
VERTICAL:	RECOMMENDED DESIGN MANAGER		10·26	CITY ENGINEER
FILE:	DRAWING:			DATE: 11/1/2026
ATLAS PAGE NO: 12, 32				SHEET 10 OF 108 SHEETS

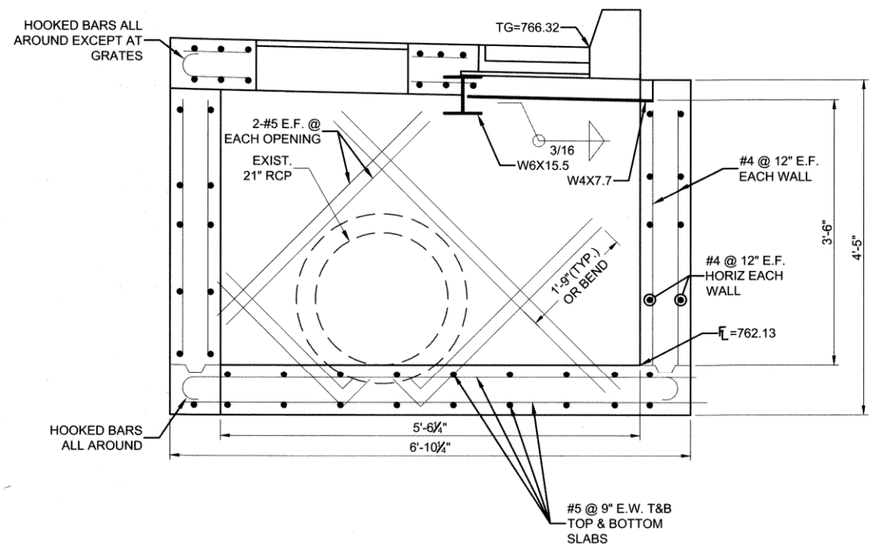
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DES 2(B) W/ JUNCTION BOX

N.T.S.

E. 13TH ST. - STA. 607+32.94, 13.74' RT



DES 2(B) W/ JUNCTION BOX
SECTION A-A

N.T.S.

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-DT01.dwg, 250603 - 11:56 AM, DEP

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polaski
24920
OKLAHOMA

6/3/2025

REVISION	BY	DATE

MISCELLANEOUS DETAILS (2 OF 2)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
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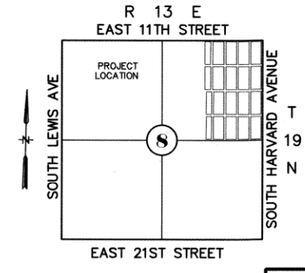
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	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL:	LEAD ENGR.		6/25
	FIELD MGR.		3/26
VERTICAL:	RECOMMENDED: DESIGN MANAGER		6/26 HAS 3-26

APPROVED:
CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 11 OF 108 SHEETS





CONTROL POINTS

Pnt. NO.	Northing	Easting	Elevation	Description
1	421780.6620	2576293.6190	780.520	CP1 MAGS
5				
15				
17	421725.5610	2575921.4240	778.463	CP17 MAGS
23	422743.5720	2575898.0750	762.901	CP23 MAGS
25	422958.6220	2575895.7560	766.304	CP25 MAGS
29	423647.5130	2575878.2560	762.063	CP29 MAGS
31	424016.2890	2575869.0730	766.923	CP31 MAGS
32	421670.6360	2575592.4770	781.570	CP32 MAGS
34	422038.1580	2575584.6380	779.740	CP34 MAGS
36	422387.5390	2575577.0140	773.520	CP36 MAGS
38	422699.0760	2575610.0890	774.990	CP38 MAGS
40	423075.7580	2575602.8160	777.830	CP40 MAGS
42	423418.2560	2575552.4310	768.910	CP42 MAGS
44	423762.4770	2575587.1530	772.860	CP44 MAGS
46	424148.5990	2575536.1570	779.100	CP46 MAGS
47	421662.6960	2575310.1890	787.010	CP47 MAGS
49	422025.5840	2575302.5300	789.700	CP40 MAGS
51	422368.4550	2575253.9180	784.450	CP51 MAGS
53	422813.0720	2575243.7840	782.660	CP53 MAGS

CONTROL POINTS

Pnt. NO.	Northing	Easting	Elevation	Description
55	423101.0870	2575257.7580	778.910	CP55 MAGS
57				
59				
61				

BENCHMARK & CONTROL

ADS BM 503
⅝" REBAR – 1–1/2" ALUMINUM CAP FLUSH
STAMPED "503", SET S.W. OF THE INTERSECTION OF
21ST STREET & HARVARD AVENUE
N 418940.668
E 2576549.927
ELEV (FEET) – 790.326
HORIZONTAL DATUM: OKLAHOMA STATE PLANE
COORDINATE SYSTEM, NORTH ZONE 3501 NAD 1983
(2011)
VERTICAL DATUM: NAVD 88
COMBINED SCALE FACTOR: 0.999907785

BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
4				
6				
8				
16	421663.9510	2575975.0700	779.757	BM16 MAGS
18	421826.2130	2575964.8520	776.380	BM18 CHSQ
20	422268.9620	2575959.2110	769.004	BM20 CHSQ
24	422892.0180	2575890.8560	765.928	BM24 CHSQ
30	423839.9660	2575870.6640	765.804	BM30 CHSQ
33	421695.5570	2575643.0860	781.990	BM33 MAGS
35	422286.0730	2575565.8660	777.025	BM35 CHSQ
37	422579.5700	2575569.0620	773.600	BM37 CHSQ
39	422987.2710	2575608.6940	778.830	BM39 CHSQ
41	423212.7570	2575555.1000	776.000	BM41 CHSQ
43	423580.5750	2575603.8430	764.310	BM43 CHSQ
45	423950.5140	2575586.2620	778.470	BM45 CHSQ
48	421940.9530	2575314.1790	789.650	BM48 CHSQ
50	422280.1570	2575308.8080	783.070	BM50 CHSQ
52	422544.9290	2575294.0180	784.150	BM52 CHSQ
54	422905.5490	2575226.0000	783.220	BM54 CHSQ
56	423199.7810	2575194.8290	777.420	BM56 CHSQ

BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
58				

LICENSED PROFESSIONAL LAND SURVEYOR
E. DANE TROUT
1893
OKLAHOMA

E. DANE TROUT, P.L.S. #1893

SURVEYORS CERTIFICATE

I, E. Dane Trout of Tulsa County, State of Oklahoma, and a Professional Surveyor, do hereby certify that the above shown survey is true and correct to the best of my knowledge.

WITNESS MY HAND AND SEAL THIS 6th DAY OF 6 2025

TROUT LAND SURVEYING, LLC
918.734.3423 · 807 N. Birch St. Jenks, OK 74037
CA 7312 (LS) Exp. 6-30-2021

SURVEY DATA SHEET NORTH (1 OF 4)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

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REVISION	BY	DATE

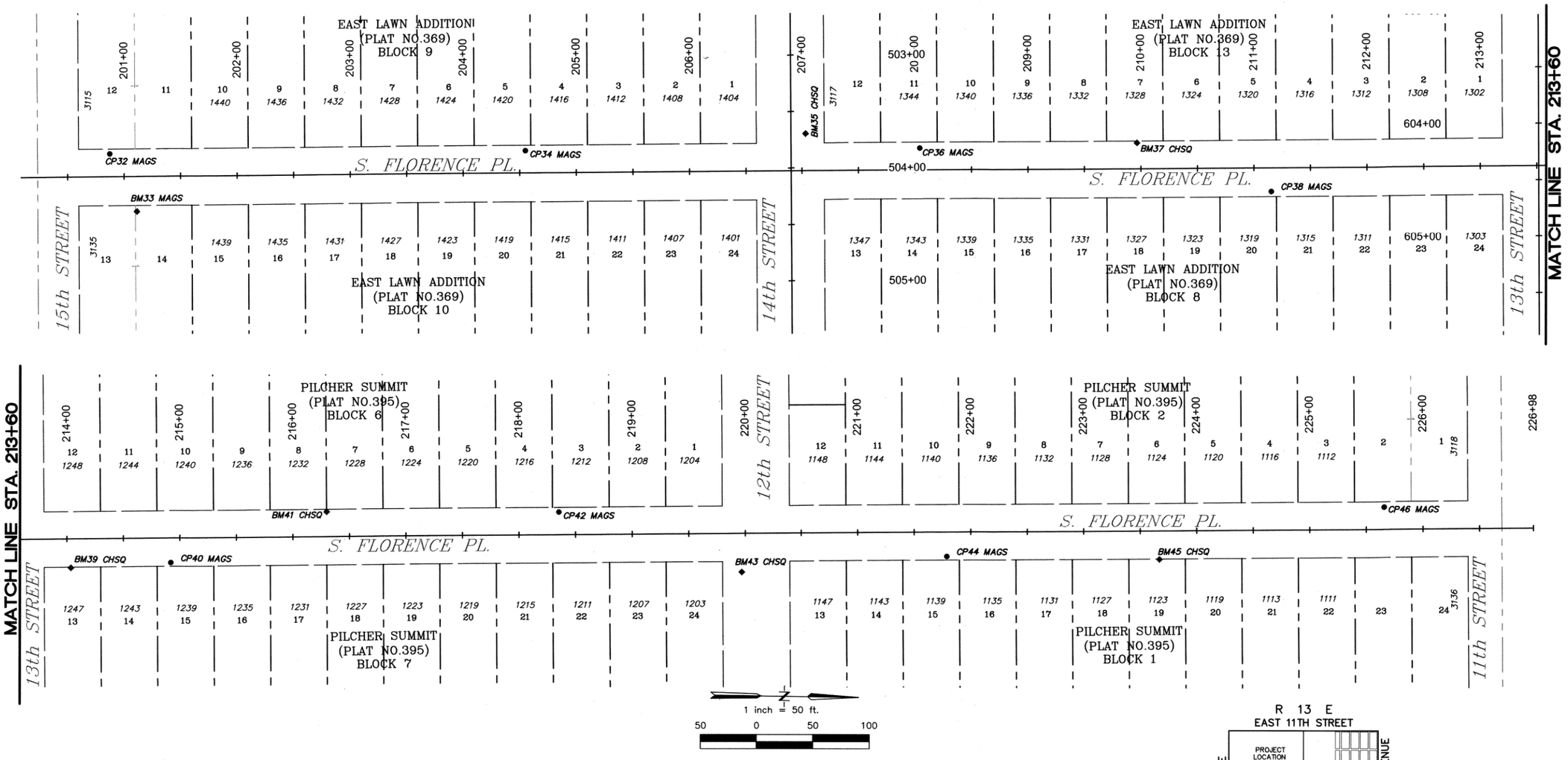
PLAN SCALE: 1"=50'
PROFILE SCALE: NA
HORIZONTAL: NA
VERTICAL: NA

DRAWN BY:	BKL	3/2025
DESIGNED BY:	BKL	3/2025
SURVEY BY:	TLS	2/2021
PROJ. MGR.		10/25
LEAD ENGR.		11/20-
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RECOMMENDED: DESIGN MANAGER	HAS	3-26

APPROVED: CITY ENGINEER

FILE: DRAWING:
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ATLAS PAGE NO: 12, 32
SHEET 12 OF 108 SHEETS

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CONTROL POINTS				
Pnt. NO.	Northing	Easting	Elevation	Description
1	421780.6620	2576293.6190	780.520	CP1 MAGS
5				
15				
17	421725.5610	2575921.4240	778.463	CP17 MAGS
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34	422038.1580	2575584.6380	779.740	CP34 MAGS
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46	424148.5990	2575536.1570	779.100	CP46 MAGS
47	421662.6960	2575310.1890	787.010	CP47 MAGS
49	422025.5840	2575302.5300	789.700	CP40 MAGS
51	422368.4550	2575253.9180	784.450	CP51 MAGS
53	422813.0720	2575243.7840	782.660	CP53 MAGS

CONTROL POINTS				
Pnt. NO.	Northing	Easting	Elevation	Description
55	423101.0870	2575257.7580	778.910	CP55 MAGS
57				
59				
61				

BENCHMARK & CONTROL

ADS BM 503
⅝" REBAR – 1–1/2" ALUMINUM CAP FLUSH STAMPED "503", SET S.W. OF THE INTERSECTION OF 21ST STREET & HARVARD AVENUE
N 418940.668
E 2576549.927
ELEV (FEET) – 790.326
HORIZONTAL DATUM: OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE 3501 NAD 1983 (2011)
VERTICAL DATUM: NAVD 88
COMBINED SCALE FACTOR: 0.999907785

BENCHMARKS				
Pnt. NO.	Northing	Easting	Elevation	Description
4				
6				
8				
16	421663.9510	2575975.0700	779.757	BM16 MAGS
18	421826.2130	2575964.8520	776.380	BM18 CHSQ
20	422268.9620	2575959.2110	769.004	BM20 CHSQ
24	422892.0180	2575890.8560	765.928	BM24 CHSQ
30	423839.9660	2575870.6640	765.804	BM30 CHSQ
33	421695.5570	2575643.0860	781.990	BM33 MAGS
35	422286.0730	2575565.8660	777.025	BM35 CHSQ
37	422579.5700	2575569.0620	773.600	BM37 CHSQ
39	422987.2710	2575608.6940	778.830	BM39 CHSQ
41	423212.7570	2575555.1000	776.000	BM41 CHSQ
43	423580.5750	2575603.8430	764.310	BM43 CHSQ
45	423950.5140	2575586.2620	778.470	BM45 CHSQ
48	421940.9530	2575314.1790	789.650	BM48 CHSQ
50	422280.1570	2575308.8080	783.070	BM50 CHSQ
52	422544.9290	2575294.0180	784.150	BM52 CHSQ
54	422905.5490	2575226.0000	783.220	BM54 CHSQ
56	423199.7810	2575194.8290	777.420	BM56 CHSQ

BENCHMARKS				
Pnt. NO.	Northing	Easting	Elevation	Description
58				

R 13 E
EAST 11TH STREET
PROJECT LOCATION
SOUTH LEWIS AVE
SOUTH HARVARD AVENUE
T 19 N
8
EAST 21ST STREET

E. DANE TROUT P.L.S. #1893

SURVEYORS CERTIFICATE

I, E. Dane Trout of Tulsa County, State of Oklahoma, and a Professional Surveyor, do hereby certify that the above shown survey is true and correct to the best of my knowledge.

WITNESS MY HAND AND SEAL THIS 6th DAY OF 6 2025

TROUT LAND SURVEYING, LLC
918.734.3423 - 807 N. Birch St. Jenks, OK 74037
CA 7312 (LS) Exp. 6-30-2021

REVISION	BY	DATE

SURVEY DATA SHEET NORTH (2 OF 4)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

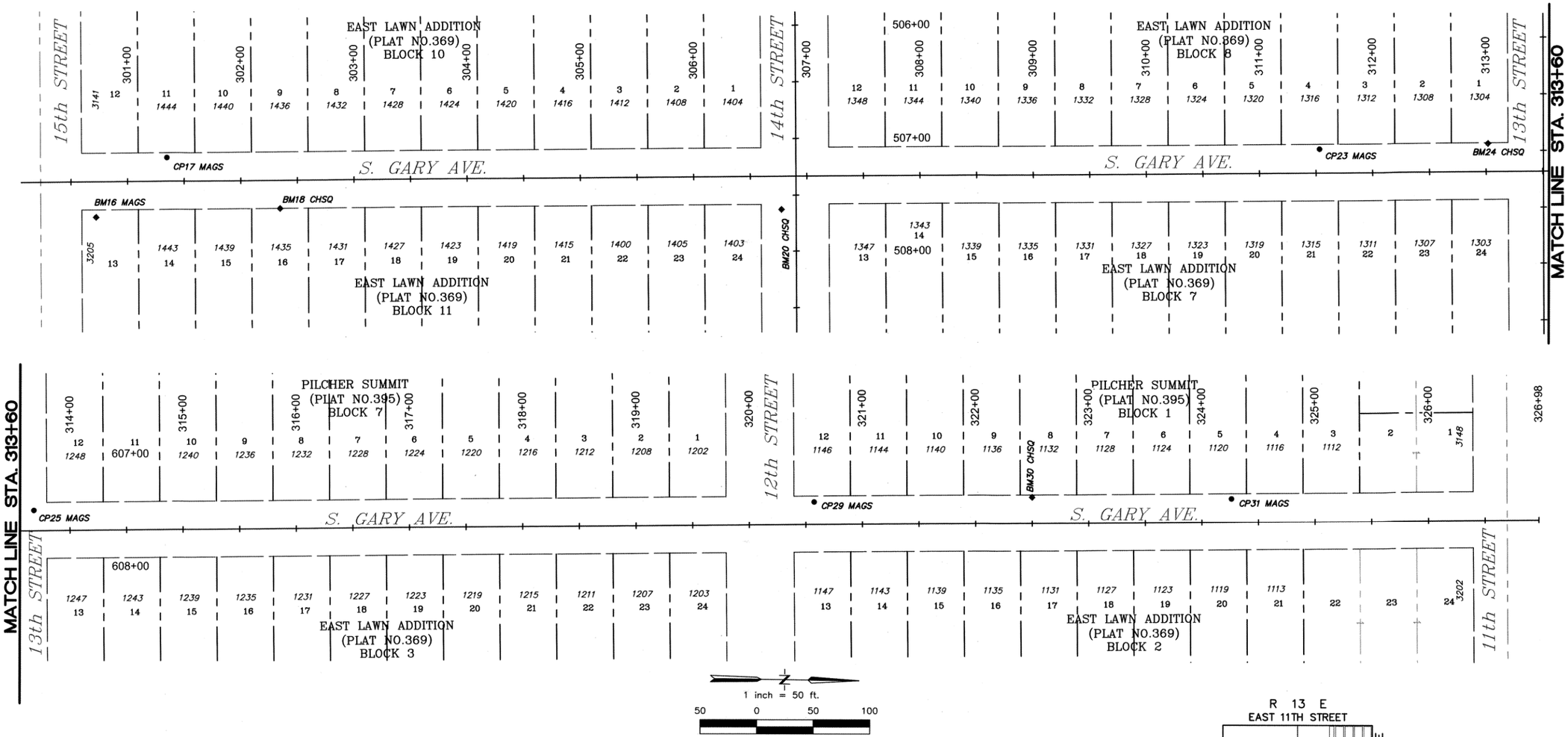
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA 74120 918-835-9588

PLAN SCALE: 1"=50'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: NA	LEAD ENGR.		4/25
	FIELD MGR.		3/26
VERTICAL: NA	RECOMMENDED: DESIGN MANAGER		3-26

APPROVED: CITY ENGINEER

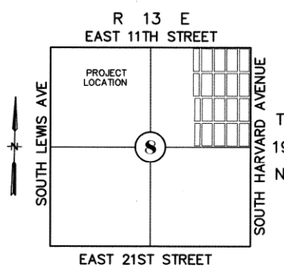
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DATE: 1/9/2026
ATLAS PAGE NO: 12, 32
SHEET 13 OF 108 SHEETS

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1 inch = 50 ft.

50 0 50 100



CONTROL POINTS

Pnt. NO.	Northing	Easting	Elevation	Description
1	421780.6620	2576293.6190	780.520	CP1 MAGS
5				
15				
17	421725.5610	2575921.4240	778.463	CP17 MAGS
23	422743.5720	2575898.0750	762.901	CP23 MAGS
25	422958.6220	2575895.7560	766.304	CP25 MAGS
29	423647.5130	2575878.2560	762.063	CP29 MAGS
31	424016.2890	2575869.0730	766.923	CP31 MAGS
32	421670.6360	2575592.4770	781.570	CP32 MAGS
34	422038.1580	2575584.6380	779.740	CP34 MAGS
36	422387.5390	2575577.0140	773.520	CP36 MAGS
38	422699.0760	2575610.0890	774.990	CP38 MAGS
40	423075.7580	2575602.8160	777.830	CP40 MAGS
42	423418.2560	2575552.4310	768.910	CP42 MAGS
44	423762.4770	2575587.1530	772.860	CP44 MAGS
46	424148.5990	2575536.1570	779.100	CP46 MAGS
47	421662.6960	2575310.1890	787.010	CP47 MAGS
49	422025.5840	2575302.5300	789.700	CP40 MAGS
51	422368.4550	2575253.9180	784.450	CP51 MAGS
53	422813.0720	2575243.7840	782.660	CP53 MAGS

CONTROL POINTS

Pnt. NO.	Northing	Easting	Elevation	Description
55	423101.0870	2575257.7580	778.910	CP55 MAGS
57				
59				
61				

BENCHMARK & CONTROL

ADS BM 503
⅝" REBAR – 1-1/2" ALUMINUM CAP FLUSH
STAMPED "503", SET S.W. OF THE INTERSECTION OF
21ST STREET & HARVARD AVENUE
N 418940.668
E 2576549.927
ELEV (FEET) – 790.326
HORIZONTAL DATUM: OKLAHOMA STATE PLANE
COORDINATE SYSTEM, NORTH ZONE 3501 NAD 1983
(2011)
VERTICAL DATUM: NAVD 88
COMBINED SCALE FACTOR: 0.999907785

BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
4				
6				
8				
16	421663.9510	2575975.0700	779.757	BM16 MAGS
18	421826.2130	2575964.8520	776.380	BM18 CHSQ
20	422268.9620	2575959.2110	769.004	BM20 CHSQ
24	422892.0180	2575890.8560	765.928	BM24 CHSQ
30	423839.9660	2575870.6640	765.804	BM30 CHSQ
33	421695.5570	2575643.0860	781.990	BM33 MAGS
35	422286.0730	2575565.8660	777.025	BM35 CHSQ
37	422579.5700	2575569.0620	773.600	BM37 CHSQ
39	422987.2710	2575608.6940	778.830	BM39 CHSQ
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45	423950.5140	2575586.2620	778.470	BM45 CHSQ
48	421940.9530	2575314.1790	789.650	BM48 CHSQ
50	422280.1570	2575308.8080	783.070	BM50 CHSQ
52	422544.9290	2575294.0180	784.150	BM52 CHSQ
54	422905.5490	2575226.0000	783.220	BM54 CHSQ
56	423199.7810	2575194.8290	777.420	BM56 CHSQ

BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
58				

LICENSED PROFESSIONAL LAND SURVEYOR
E. DANE TROUT
1893
OKLAHOMA

E. DANE TROUT, P.L.S. #1893

SURVEYORS CERTIFICATE

I, E. Dane Trout of Tulsa County, State of Oklahoma, and a Professional Surveyor, do hereby certify that the above shown survey is true and correct to the best of my knowledge.

WITNESS MY HAND AND SEAL THIS 6th DAY OF 6 2025

TROUT LAND SURVEYING, LLC
918.734.3423 · 807 N. Birch St. Jenks, OK 74037
CA 7312 (LS) Exp. 6-30-2021

SURVEY DATA SHEET NORTH (3 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

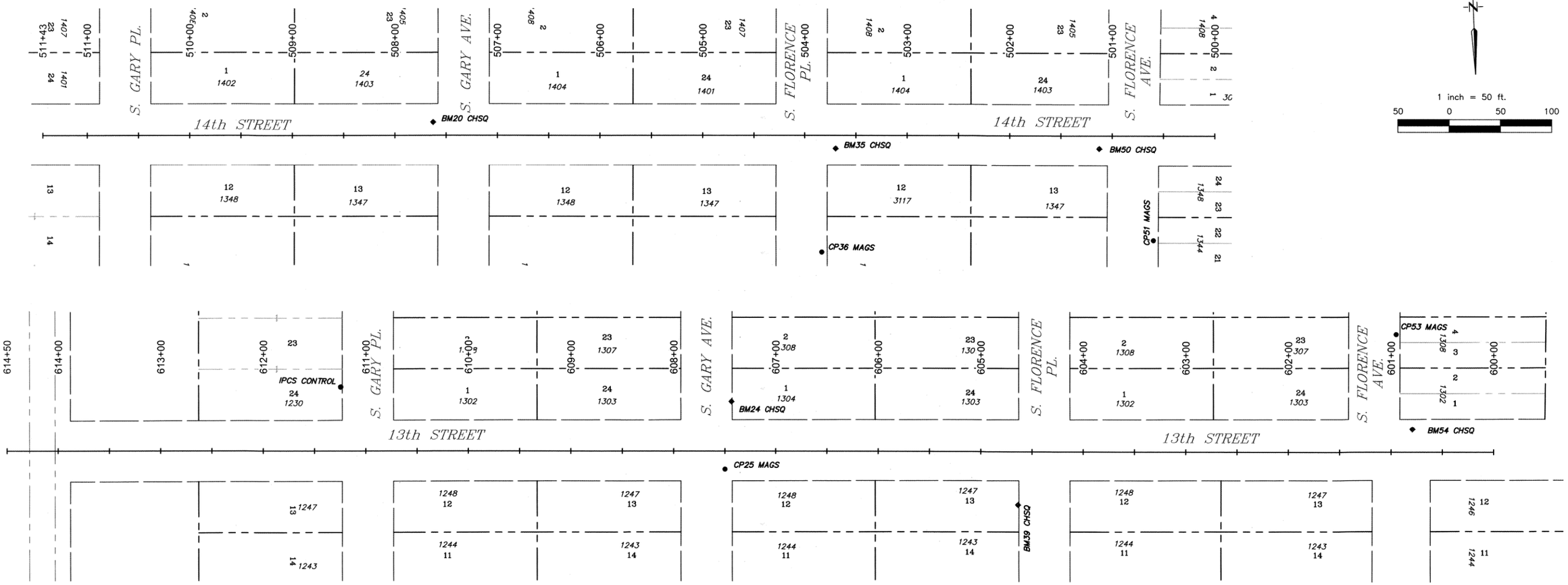
PLAN SCALE: 1"=50'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: NA	LEAD ENGR.		4/25
	FIELD MGR.		3/26
VERTICAL: NA	RECOMMENDED: DESIGN MANAGER		3-26

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 14 OF 108 SHEETS

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CONTROL POINTS

Pnt. NO.	Northing	Easting	Elevation	Description
1	421780.6620	2576293.6190	780.520	CP1 MAGS
5				
15				
17	421725.5610	2575921.4240	778.463	CP17 MAGS
23	422743.5720	2575898.0750	762.901	CP23 MAGS
25	422958.6220	2575895.7560	766.304	CP25 MAGS
29	423647.5130	2575878.2560	762.063	CP29 MAGS
31	424016.2890	2575869.0730	766.923	CP31 MAGS
32	421670.6360	2575592.4770	781.570	CP32 MAGS
34	422038.1580	2575584.6380	779.740	CP34 MAGS
36	422387.5390	2575577.0140	773.520	CP36 MAGS
38	422699.0760	2575610.0890	774.990	CP38 MAGS
40	423075.7580	2575602.8160	777.830	CP40 MAGS
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53	422813.0720	2575243.7840	782.660	CP53 MAGS

CONTROL POINTS

Pnt. NO.	Northing	Easting	Elevation	Description
55	423101.0870	2575257.7580	778.910	CP55 MAGS
57				
59				
61				

BENCHMARK & CONTROL

ADS BM 503
⅝" REBAR – 1–1/2" ALUMINUM CAP FLUSH
STAMPED "503", SET S.W. OF THE INTERSECTION OF 21ST STREET & HARVARD AVENUE
N 418940.668
E 2576549.927
ELEV (FEET) – 790.326
HORIZONTAL DATUM: OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE 3501 NAD 1983 (2011)
VERTICAL DATUM: NAVD 88
COMBINED SCALE FACTOR: 0.999907785

BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
4				
6				
8				
16	421663.9510	2575975.0700	779.757	BM16 MAGS
18	421826.2130	2575964.8520	776.380	BM18 CHSQ
20	422268.9620	2575959.2110	769.004	BM20 CHSQ
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35	422286.0730	2575565.8660	777.025	BM35 CHSQ
37	422579.5700	2575569.0620	773.600	BM37 CHSQ
39	422987.2710	2575608.6940	778.830	BM39 CHSQ
41	423212.7570	2575555.1000	776.000	BM41 CHSQ
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45	423950.5140	2575586.2620	778.470	BM45 CHSQ
48	421940.9530	2575314.1790	789.650	BM48 CHSQ
50	422280.1570	2575308.8080	783.070	BM50 CHSQ
52	422544.9290	2575294.0180	784.150	BM52 CHSQ
54	422905.5490	2575226.0000	783.220	BM54 CHSQ
56	423199.7810	2575194.8290	777.420	BM56 CHSQ

BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
58				

LICENSED PROFESSIONAL LAND SURVEYOR
E. DANE TROUT
1893
OKLAHOMA

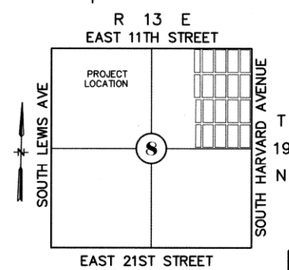
E. DANE TROUT, P.L.S. #1893

SURVEYORS CERTIFICATE

I, E. Dane Trout of Tulsa County, State of Oklahoma, and a Professional Surveyor, do hereby certify that the above shown survey is true and correct to the best of my knowledge.

WITNESS MY HAND AND SEAL THIS 6 DAY OF 6 2025

TROUT LAND SURVEYING, LLC
918.734.3423 - 807 N. Birch St. Jenks, OK 74037
CA 7312 (LS) Exp. 6-30-2021



SURVEY DATA SHEET NORTH (4 OF 4)
PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9568

REVISION	BY	DATE

PLAN SCALE: 1"=50'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: NA	LEAD ENGR.		11/25
	FIELD MGR.		3/26
VERTICAL: NA	RECOMMENDED: DESIGN MANAGER		3·26

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026
ATLAS PAGE NO: 12, 32 SHEET 15 OF 108 SHEETS

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1 inch = 50 ft.

50 0 50 100

R 13 E
EAST 21ST STREET
SOUTH LEWS AVE
PROJECT LOCATION
17
SOUTH HARVARD AVENUE
T 19 N
EAST 31ST STREET

BENCHMARK & CONTROL

ADS BM 503
⅜" REBAR – 1-1/2" ALUMINUM CAP FLUSH
STAMPED "503", SET S.W. OF THE INTERSECTION OF
21ST STREET & HARVARD AVENUE
N 418940.668
E 2576549.927
ELEV (FEET) – 790.326
HORIZONTAL DATUM: OKLAHOMA STATE PLANE
COORDINATE SYSTEM, NORTH ZONE 3501 NAD 1983 (2011)
VERTICAL DATUM: NAVD 88
COMBINED SCALE FACTOR: 0.999907785

CONTROL POINTS

Pnt. NO.	Northing	Easting	Elevation	Description
1	417391.6560	2576463.7520	793.820	CP1 MAGS
3	417040.5590	2576480.7130	791.989	CP3 MAGS
5	416747.5520	2576485.6890	779.300	CP5 MAGS
7	416862.8370	2576129.2800	784.403	CP7 MAGS
9	417041.1080	2575814.6900	774.958	CP9 MAGS
11	417251.5710	2575554.5510	767.752	CP11 MAGS
15	417811.9190	2575118.3240	772.289	CP15 MAGS
13	417505.0320	2575316.5100	770.405	CP13 MAGS
17	418121.0660	2574918.3290	767.282	CP17 MAGS

BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
75	418940.6680	2576549.9270	790.326	BM ADS 503
58	418608.3090	2575725.2260	766.579	BM58 CHSQ
56	418582.9830	2576052.4150	774.340	BM56 CHSQ
54	418524.6700	2576406.8180	780.599	BM54 CHSQ
52	417677.3000	2576509.1600	794.962	BM52 CHSQ
50	417895.1460	2576229.9510	789.155	BM50 CHSQ
48	417541.7200	2576227.4000	787.606	BM48 CHSQ
46	417708.9070	2575985.2980	778.286	BM46 FH TOP NUT
44	417956.1070	2575728.9890	782.111	BM44 CHSQ
42	418180.9840	2575733.7820	772.145	BM42 CHSQ
40	418181.6560	2576073.0490	777.139	BM40 FH TOP NUT
38	418183.6640	2576261.0420	782.664	BM38 CHSQ
36	418186.6070	2576551.3930	792.971	BM36 CHSQ
34	418924.3740	2575374.7930	773.985	BM34 CHSQ
32	418416.3380	2575335.3750	761.099	BM32 CHSQ
30	417965.7340	2575448.1510	770.642	BM30 CHSQ

BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
28	417678.7400	2575615.5270	779.389	BM28 CHSQ
26	417371.3530	2575837.4850	776.016	BM26 CHSQ
24	417211.4480	2576084.2180	783.637	BM24 CHSQ
22	418754.0410	2574507.1680	757.570	BM22 CHSQ
20	418510.2370	2574618.4600	750.307	BM20 CHSQ
18	418105.3660	2574905.8950	767.862	BM18 CHSQ
16	417788.8830	2575116.7220	772.687	BM16 CHSQ
14	417549.1330	2575328.8550	771.038	BM14 CHSQ
12	417258.2280	2575561.4840	771.403	BM12 FH TOP NUT
10	417017.7810	2575790.1650	775.158	BM10 CHSQ
8	416847.9280	2576106.8980	785.496	BM8 CHSQ
6	416717.7490	2576437.2660	783.031	BM6 FH TOP NUT
4	417085.9140	2576526.5700	797.120	BM4 FH TOP NUT
2	417370.4290	2576516.8630	797.322	BM2 CHSQ

LICENSED PROFESSIONAL LAND SURVEYOR
E. DANE TROUT
1893
OKLAHOMA

E. DANE TROUT, P.L.S. #1893

SURVEYORS CERTIFICATE

I, E. Dane Trout of Tulsa County, State of Oklahoma, and a Professional Surveyor, do hereby certify that the above shown survey is true and correct to the best of my knowledge.

WITNESS MY HAND AND SEAL THIS 6 DAY OF 6, 2025

TROUT LAND SURVEYING, LLC
918.734.3423 - 807 N. Birch St. Jenks, OK 74037
CA 7312 (LS) Exp. 6-30-2021

SURVEY DATA SHEET SOUTH (1 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

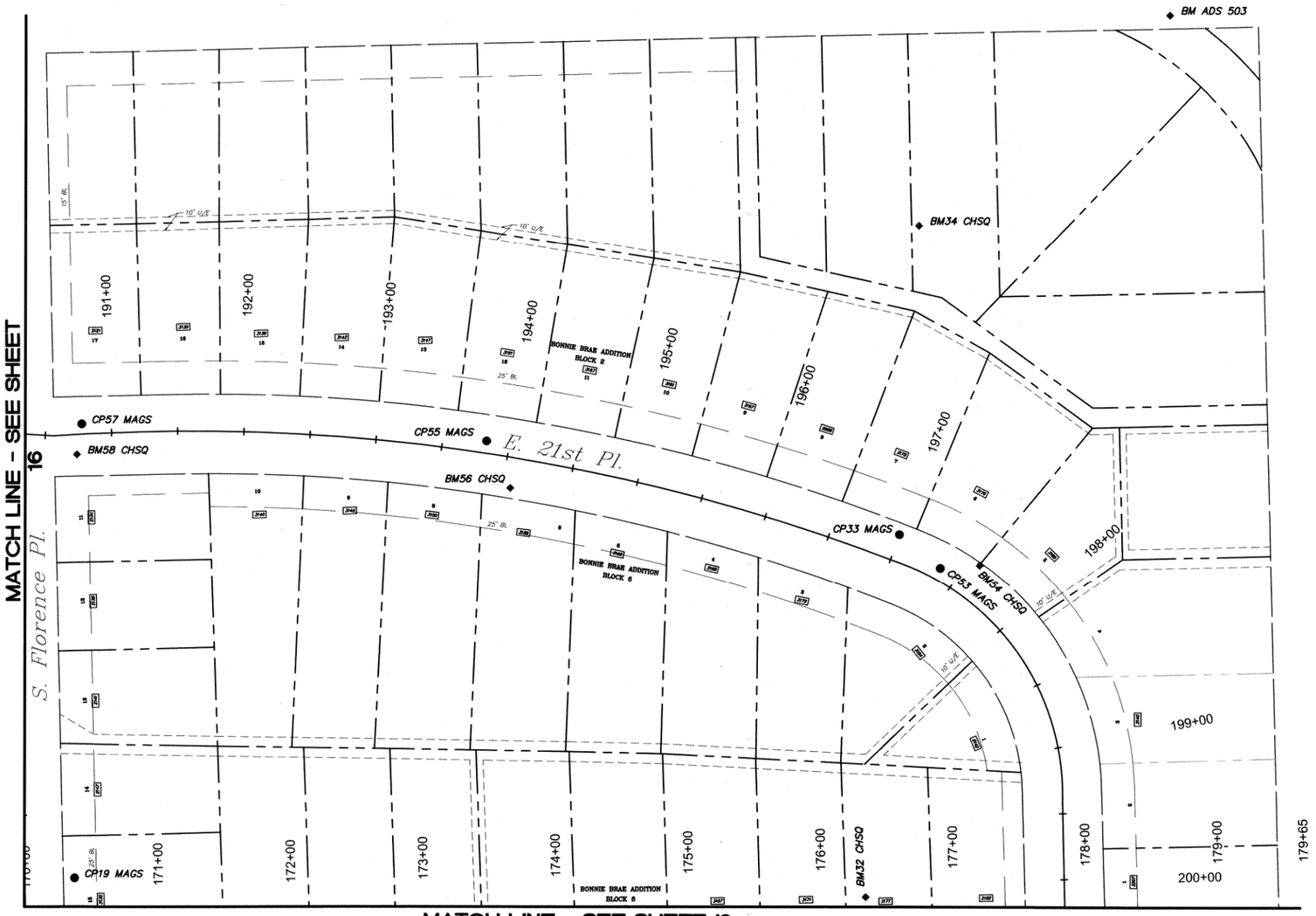
PLAN SCALE: 1"=50'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: NA	LEAD ENGR.		11/25
	FIELD MGR.		12/15/25
VERTICAL: NA	RECOMMENDED: DESIGN MANAGER		

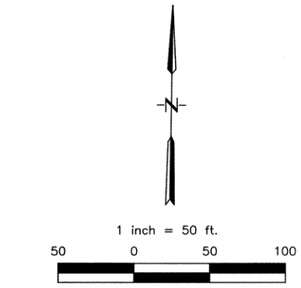
APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 16 OF 108 SHEETS

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BENCHMARK & CONTROL

ADS BM 503
⅝" REBAR – 1–1/2" ALUMINUM CAP FLUSH
STAMPED "503", SET S.W. OF THE INTERSECTION OF
21ST STREET & HARVARD AVENUE
N 418940.668
E 2576549.927
ELEV (FEET) – 790.326
HORIZONTAL DATUM: OKLAHOMA STATE PLANE
COORDINATE SYSTEM, NORTH ZONE 3501 NAD 1983 (2011)
VERTICAL DATUM: NAVD 88
COMBINED SCALE FACTOR: 0.999907785

CONTROL POINTS

Pnt. NO.	Northing	Easting	Elevation	Description
1	417391.6560	2576463.7520	793.820	CP1 MAGS
3	417040.5590	2576480.7130	791.989	CP3 MAGS
5	416747.5520	2576485.6890	779.300	CP5 MAGS
7	416862.8370	2576129.2800	784.403	CP7 MAGS
9	417041.1080	2575814.6900	774.958	CP9 MAGS
11	417251.5710	2575554.5510	767.752	CP11 MAGS
13	417505.0320	2575316.5100	770.405	CP13 MAGS
15	417811.9190	2575118.3240	772.289	CP15 MAGS
17	418121.0660	2574918.3290	767.282	CP17 MAGS

BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
75	418940.6680	2576549.9270	790.326	BM ADS 503
58	418608.3090	2575725.2260	766.579	BM58 CHSQ
56	418582.9830	2576052.4150	774.340	BM56 CHSQ
54	418524.6700	2576406.8180	780.599	BM54 CHSQ
52	417677.3000	2576509.1600	794.962	BM52 CHSQ
50	417895.1460	2576229.9510	789.155	BM50 CHSQ
48	417541.7200	2576227.4000	787.606	BM48 CHSQ
46	417708.9070	2575985.2980	778.286	BM46 FH TOP NUT
44	417956.1070	2575728.9890	782.111	BM44 CHSQ
42	418180.9840	2575733.7820	772.145	BM42 CHSQ
40	418181.6560	2576073.0490	777.139	BM40 FH TOP NUT
38	418183.6640	2576261.0420	782.664	BM38 CHSQ
36	418186.6070	2576551.3930	792.971	BM36 CHSQ
34	418924.3740	2575374.7930	773.985	BM34 CHSQ
32	418416.3380	2575335.3750	761.099	BM32 CHSQ

BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
30	417965.7340	2575448.1510	770.642	BM30 CHSQ
28	417678.7400	2575615.5270	779.389	BM28 CHSQ
26	417371.3530	2575837.4850	776.016	BM26 CHSQ
24	417211.4480	2576084.2180	783.637	BM24 CHSQ
22	418754.0410	2574507.1680	757.570	BM22 CHSQ
20	418510.2370	2574618.4600	750.307	BM20 CHSQ
18	418105.3660	2574905.8950	767.862	BM18 CHSQ
16	417788.8830	2575116.7220	772.687	BM16 CHSQ
14	417549.1330	2575328.8550	771.038	BM14 CHSQ
12	417258.2280	2575561.4840	771.403	BM12 FH TOP NUT
10	417017.7810	2575790.1650	775.158	BM10 CHSQ
8	416847.9280	2576106.8980	785.496	BM8 CHSQ
6	416717.7490	2576437.2660	783.031	BM6 FH TOP NUT
4	417085.9140	2576526.5700	797.120	BM4 FH TOP NUT
2	417370.4290	2576516.8630	797.322	BM2 CHSQ

LICENSED PROFESSIONAL LAND SURVEYOR
E. DANE TROUT 1893
OKLAHOMA

E. DANE TROUT, P.L.S. #1893

SURVEYORS CERTIFICATE

I, E. Dane Trout of Tulsa County, State of Oklahoma, and a Professional Surveyor, do hereby certify that the above shown survey is true and correct to the best of my knowledge.

WITNESS MY HAND AND SEAL THIS 6 DAY OF 6 2025

TROUT LAND SURVEYING, LLC
918.734.3423 · 807 N. Birch St. Jenks, OK 74037
CA 7312 (LS) Exp. 6-30-2021

SURVEY DATA SHEET SOUTH (2 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

PLAN SCALE: 1"=50'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE NA	PROJ. MGR.		10/25
HORIZONTAL: NA	LEAD ENGR.		11/25
	FIELD MGR.		3/26
VERTICAL: NA	RECOMMENDED: DESIGN MANAGER		11/26 HAS 3-26

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 17 OF 108 SHEETS

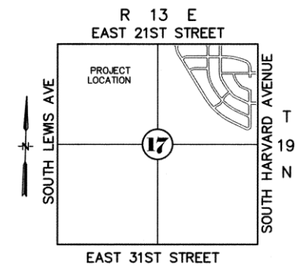
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MATCH LINE - SEE SHEET 20

1 inch = 50 ft.

50 0 50 100



BENCHMARK & CONTROL

ADS BM 503
⅝" REBAR – 1–1/2" ALUMINUM CAP FLUSH
STAMPED "503", SET S.W. OF THE INTERSECTION OF
21ST STREET & HARVARD AVENUE
N 418940.668
E 2576549.927
ELEV (FEET) – 790.326
HORIZONTAL DATUM: OKLAHOMA STATE PLANE
COORDINATE SYSTEM, NORTH ZONE 3501 NAD 1983 (2011)
VERTICAL DATUM: NAVD 88
COMBINED SCALE FACTOR: 0.999907785

CONTROL POINTS

Pnt. NO.	Northing	Easting	Elevation	Description
1	417391.6560	2576463.7520	793.820	CP1 MAGS
3	417040.5590	2576480.7130	791.989	CP3 MAGS
5	416747.5520	2576485.6890	779.300	CP5 MAGS
7	416862.8370	2576129.2800	784.403	CP7 MAGS
9	417041.1080	2575814.6900	774.958	CP9 MAGS
11	417251.5710	2575554.5510	767.752	CP11 MAGS
13	417505.0320	2575316.5100	770.405	CP13 MAGS
15	417811.9190	2575118.3240	772.289	CP15 MAGS
17	418121.0660	2574918.3290	767.282	CP17 MAGS

BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
75	418940.6680	2576549.9270	790.326	BM ADS 503
58	418608.3090	2575725.2260	766.579	BM58 CHSQ
56	418582.9830	2576052.4150	774.340	BM56 CHSQ
54	418524.6700	2576406.8180	780.599	BM54 CHSQ
52	417677.3000	2576509.1600	794.962	BM52 CHSQ
50	417895.1460	2576229.9510	789.155	BM50 CHSQ
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46	417708.9070	2575985.2980	778.286	BM46 FH TOP NUT
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42	418180.9840	2575733.7820	772.145	BM42 CHSQ
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6	416717.7490	2576437.2660	783.031	BM6 FH TOP NUT
4	417085.9140	2576526.5700	797.120	BM4 FH TOP NUT
2	417370.4290	2576516.8630	797.322	BM2 CHSQ

LICENSED PROFESSIONAL LAND SURVEYOR
E. DANE TROUT 1893
OKLAHOMA

E. DANE TROUT, P.L.S. #1893

SURVEYORS CERTIFICATE

I, E. Dane Trout of Tulsa County, State of Oklahoma, and a Professional Surveyor, do hereby certify that the above shown survey is true and correct to the best of my knowledge.

WITNESS MY HAND AND SEAL THIS 6 DAY OF 6, 2025

TROUT LAND SURVEYING, LLC
918.734.3423 - 807 N. Birch St. Jenks, OK 74037
CA 7312 (LS) Exp. 6-30-2021

SURVEY DATA SHEET SOUTH (3 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

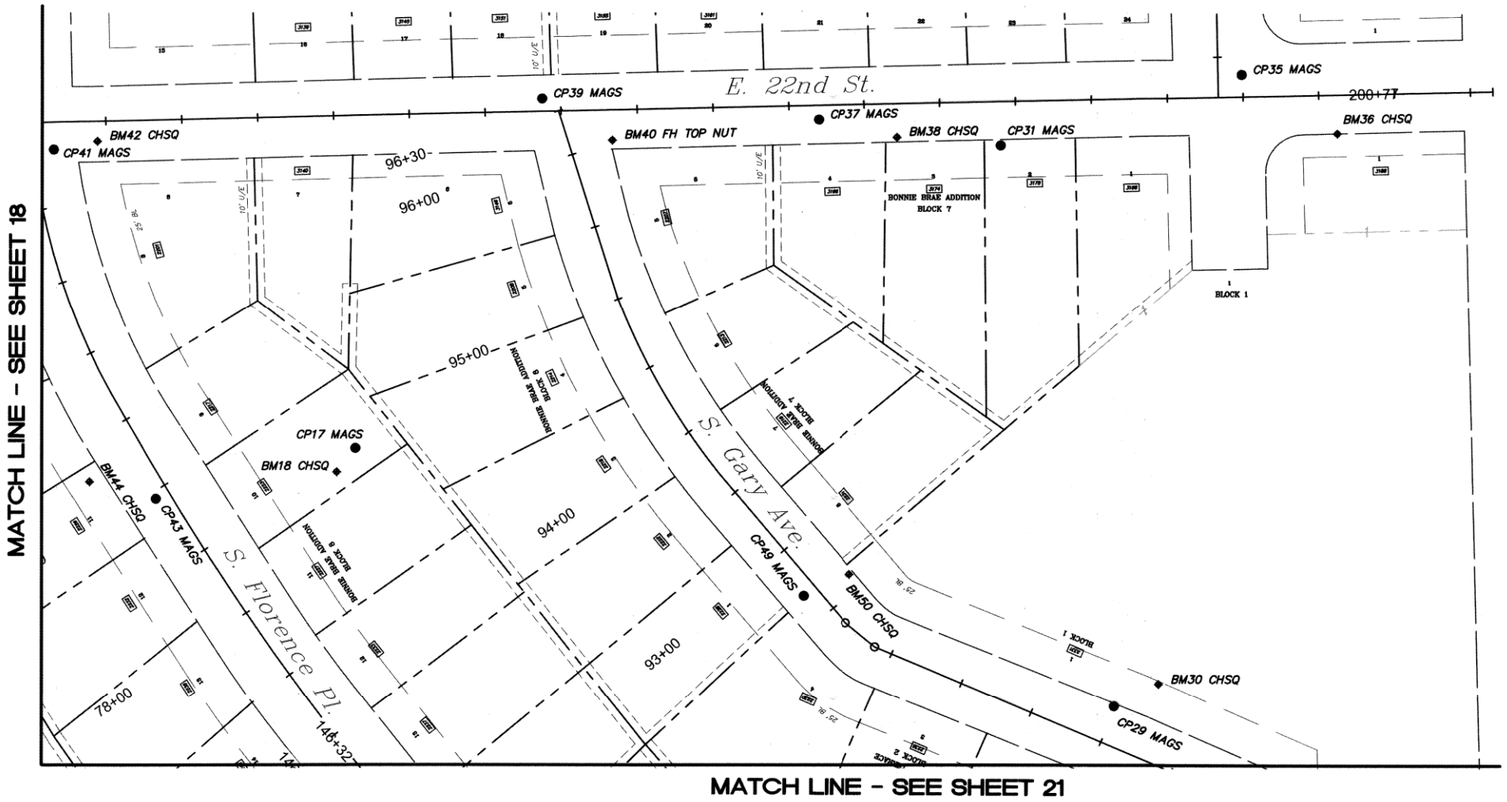
PLAN SCALE: 1"=50'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		11/25
HORIZONTAL: NA	LEAD ENGR.		11/25
	FIELD MGR.		3/25
VERTICAL: NA	RECOMMENDED: DESIGN MANAGER		11/7/2025

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/7/2025

ATLAS PAGE NO: 12, 32 SHEET 18 OF 108 SHEETS

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1 inch = 50 ft.

50 0 50 100

R 13 E
EAST 21ST STREET
SOUTH LEWIS AVE
SOUTH HARVARD AVENUE
PROJECT LOCATION
17
T 19 N
EAST 31ST STREET

BM44 CHSQ
CP43 MAGS

BENCHMARK & CONTROL

ADS BM 503
5/8" REBAR – 1-1/2" ALUMINUM CAP FLUSH STAMPED "503", SET S.W. OF THE INTERSECTION OF 21ST STREET & HARVARD AVENUE
N 418940.668
E 2576549.927
ELEV (FEET) – 790.326
HORIZONTAL DATUM: OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE 3501 NAD 1983 (2011)
VERTICAL DATUM: NAVD 88
COMBINED SCALE FACTOR: 0.999907785

CONTROL POINTS

Pnt. NO.	Northing	Easting	Elevation	Description
1	417391.6560	2576463.7520	793.820	CP1 MAGS
3	417040.5590	2576480.7130	791.989	CP3 MAGS
5	416747.5520	2576485.6890	779.300	CP5 MAGS
7	416862.8370	2576129.2800	784.403	CP7 MAGS
9	417041.1080	2575814.6900	774.958	CP9 MAGS
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13	417505.0320	2575316.5100	770.405	CP13 MAGS
15	417811.9190	2575118.3240	772.289	CP15 MAGS
17	418121.0660	2574918.3290	767.282	CP17 MAGS

LICENSED PROFESSIONAL LAND SURVEYOR
E. DANE TROUT 1893
OKLAHOMA

E. DANE TROUT, P.L.S. #1893

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TROUT LAND SURVEYING, LLC
918.734.3423 · 807 N. Birch St. Jenks, OK 74037
CA 7312 (LS) Exp. 6-30-2021

REVISION	BY	DATE

SURVEY DATA SHEET SOUTH (4 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=50'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		11/4/25
HORIZONTAL: NA	LEAD ENGR.		4/25
	FIELD MGR.		3/25
VERTICAL: NA	RECOMMENDED: DESIGN MANAGER		HAS 3-26

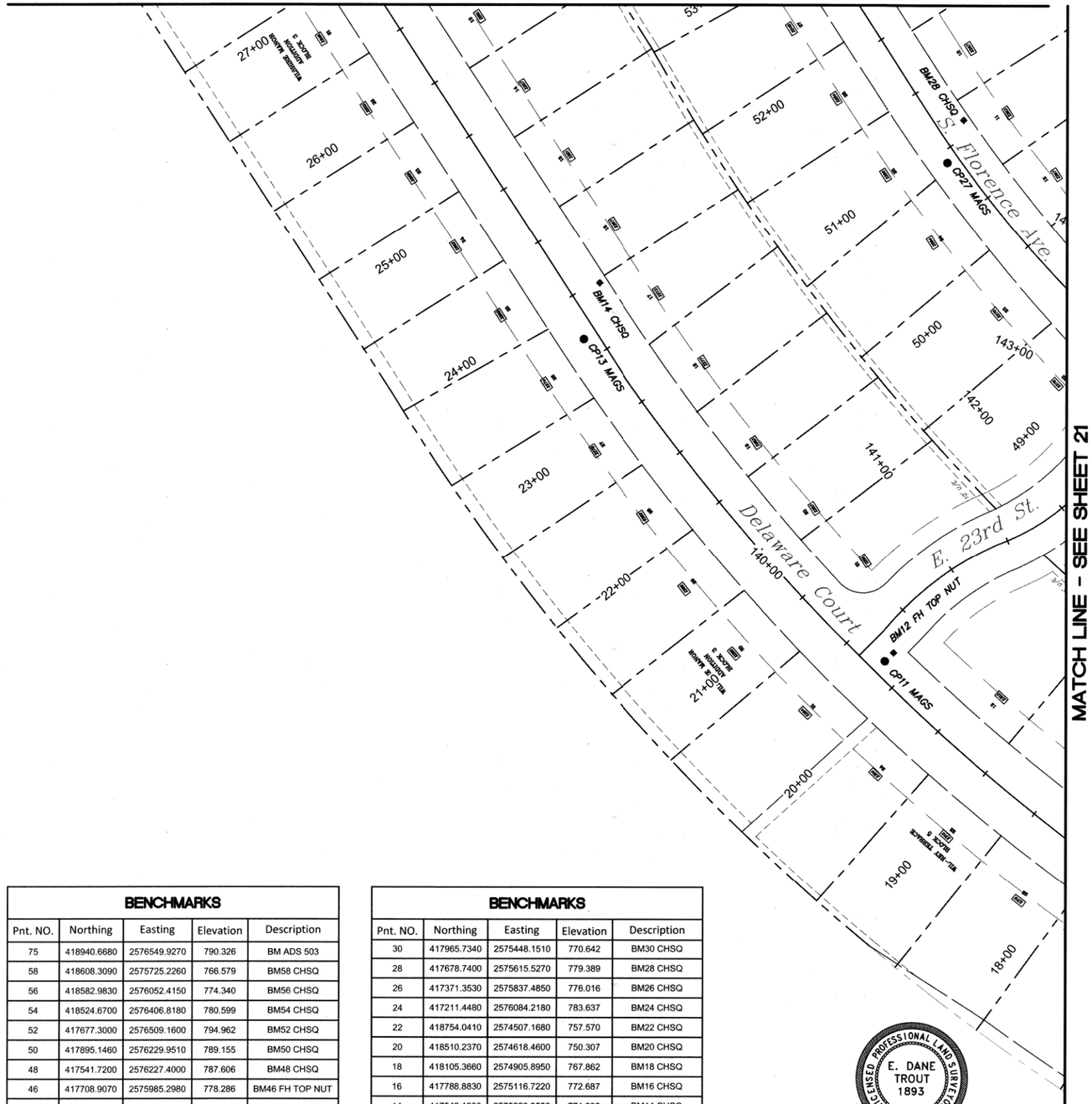
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ATLAS PAGE NO: 12, 32 SHEET 19 OF 108 SHEETS

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MATCH LINE - SEE SHEET 18



MATCH LINE - SEE SHEET 21

1 inch = 50 ft.

50 0 50 100

R 13 E

EAST 21ST STREET

SOUTH LEWIS AVE

PROJECT LOCATION

17

SOUTH HARVARD AVENUE

T 19 N

EAST 31ST STREET

BENCHMARK & CONTROL

ADS BM 503
⅝" REBAR – 1-1/2" ALUMINUM CAP FLUSH
STAMPED "503", SET S.W. OF THE INTERSECTION OF 21ST STREET & HARVARD AVENUE
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BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
75	418940.6680	2576549.9270	790.326	BM ADS 503
58	418608.3090	2575725.2260	766.579	BM58 CHSQ
56	418582.9830	2576052.4150	774.340	BM56 CHSQ
54	418524.6700	2576406.8180	780.599	BM54 CHSQ
52	417677.3000	2576509.1600	794.962	BM52 CHSQ
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32	418416.3380	2575335.3750	761.099	BM32 CHSQ

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2	417370.4290	2576516.8630	797.322	BM2 CHSQ

LICENSED PROFESSIONAL LAND SURVEYOR
E. DANE TROUT 1893
OKLAHOMA

E. DANE TROUT, P.L.S. #1893

TROUT LAND SURVEYING, LLC
918.734.3423 · 807 N. Birch St. Jenks, OK 74037
CA 7312 (LS) Exp. 6-30-2021

SURVEY DATA SHEET SOUTH (5 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

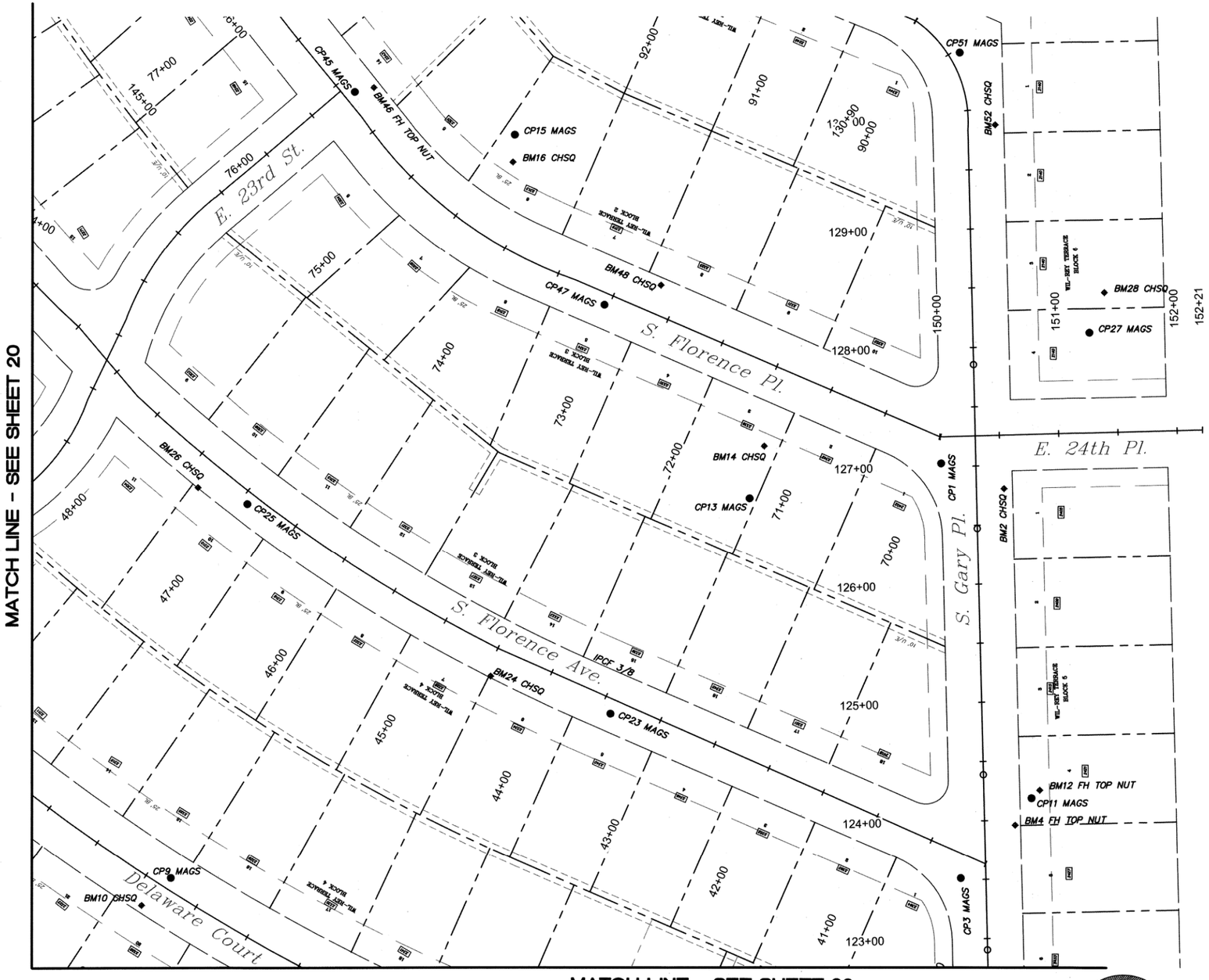
PLAN SCALE: 1"=50'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: NA	LEAD ENGR.		11/25
	FIELD MGR.		3/26
VERTICAL: NA	RECOMMENDED: DESIGN MANAGER		4/26

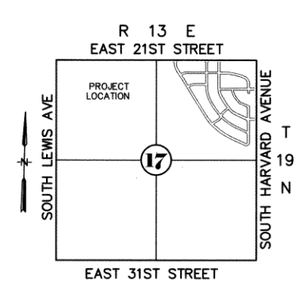
APPROVED: CITY ENGINEER

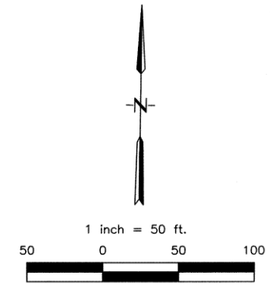
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ATLAS PAGE NO: 12, 32 SHEET 20 OF 108 SHEETS

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BENCHMARKS

Pnt. NO.	Northing	Easting	Elevation	Description
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13	417505.0320	2575316.5100	770.405	CP13 MAGS
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BENCHMARK & CONTROL

ADS BM 503
⅝" REBAR – 1–1/2" ALUMINUM CAP FLUSH
STAMPED "503", SET S.W. OF THE INTERSECTION OF 21ST STREET & HARVARD AVENUE
N 418940.668
E 2576549.927
ELEV (FEET) – 790.326
HORIZONTAL DATUM: OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE 3501 NAD 1983 (2011)
VERTICAL DATUM: NAVD 88
COMBINED SCALE FACTOR: 0.999907785

SURVEYORS CERTIFICATE

I, E. Dane Trout of Tulsa County, State of Oklahoma, and a Professional Surveyor, do hereby certify that the above shown survey is true and correct to the best of my knowledge.

WITNESS MY HAND AND SEAL THIS 6th DAY OF 6 2025

LICENSED PROFESSIONAL LAND SURVEYOR — E. DANE TROUT 1893 — OKLAHOMA

E. DANE TROUT P.L.S. #1893

TROUT LAND SURVEYING, LLC
918.734.3423 · 807 N. Birch St. Jenks, OK 74037
CA 7312 (LS) Exp. 6-30-2021

SURVEY DATA SHEET SOUTH (6 OF 7)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

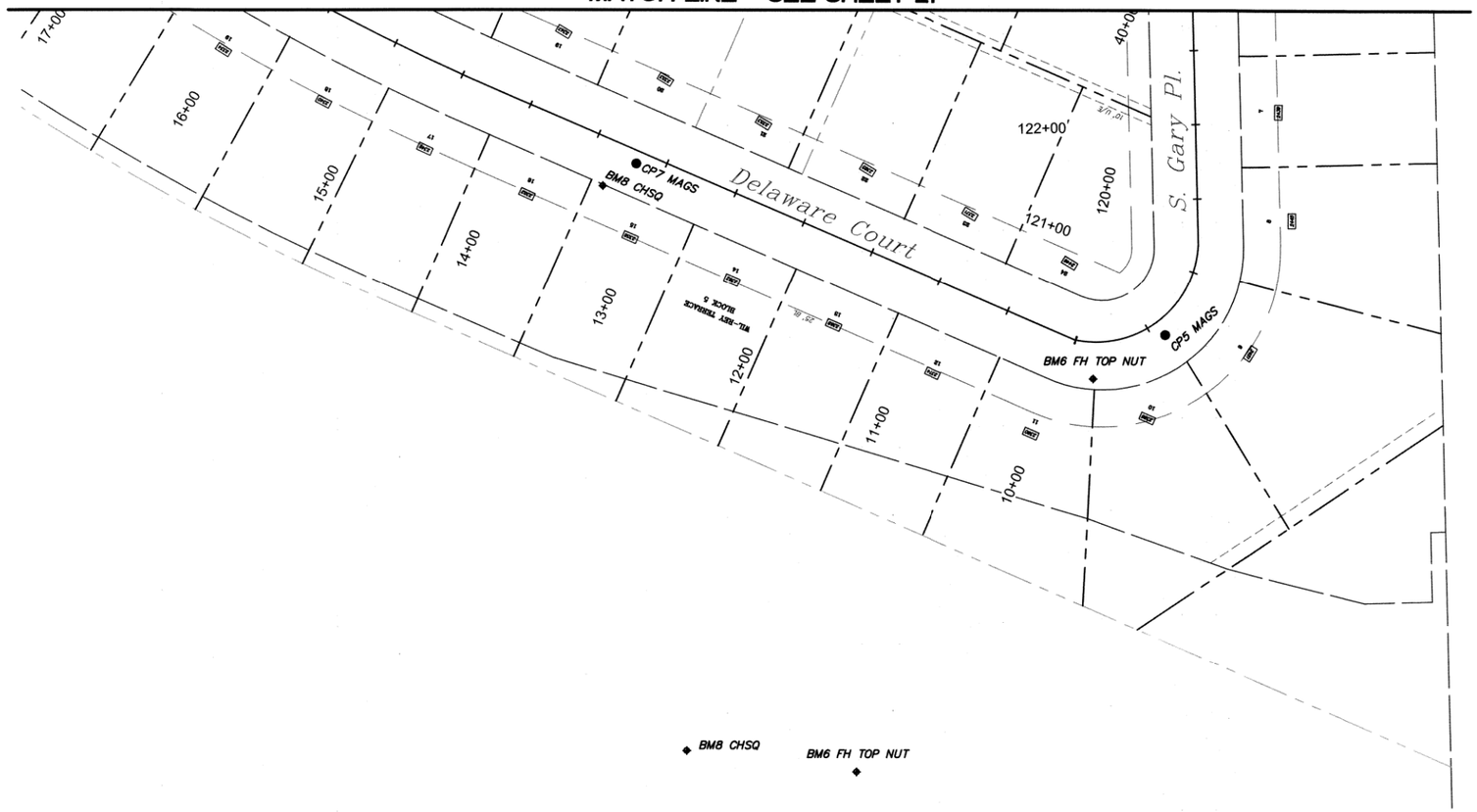
REVISION	BY	DATE

PLAN SCALE: 1"=50'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	DAQ	11/25
HORIZONTAL: NA	LEAD ENGR.	DD	11/25
	FIELD MGR.		
VERTICAL: NA	RECOMMENDED: DESIGN MANAGER	BKL 11/26 HAS 3-26	

APPROVED: CITY ENGINEER

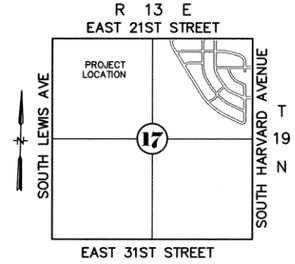
FILE: DRAWING: DATE: 11/4/2026
ATLAS PAGE NO: 12, 32 SHEET 21 OF 108 SHEETS

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1 inch = 50 ft.

50 0 50 100



E. DANE TROUT
1893
LICENSED PROFESSIONAL LAND SURVEYOR
OKLAHOMA

E. DANE TROUT, P.L.S. #1893

SURVEYORS CERTIFICATE

I, E. Dane Trout of Tulsa County, State of Oklahoma, and a Professional Surveyor, do hereby certify that the above shown survey is true and correct to the best of my knowledge.

WITNESS MY HAND AND SEAL THIS 6th DAY OF 6, 2025

CONTROL POINTS				
Pnt. NO.	Northing	Easting	Elevation	Description
1	417391.6560	2576463.7520	793.820	CP1 MAGS
3	417040.5590	2576480.7130	791.989	CP3 MAGS
5	416747.5520	2576485.6890	779.300	CP5 MAGS
7	416862.8370	2576129.2800	784.403	CP7 MAGS
9	417041.1080	2575814.6900	774.958	CP9 MAGS
11	417251.5710	2575554.5510	767.752	CP11 MAGS
13	417505.0320	2575316.5100	770.405	CP13 MAGS
15	417811.9190	2575118.3240	772.289	CP15 MAGS
17	418121.0660	2574918.3290	767.282	CP17 MAGS

CONTROL POINTS				
Pnt. NO.	Northing	Easting	Elevation	Description
1	417391.6560	2576463.7520	793.820	CP1 MAGS
3	417040.5590	2576480.7130	791.989	CP3 MAGS
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7	416862.8370	2576129.2800	784.403	CP7 MAGS
9	417041.1080	2575814.6900	774.958	CP9 MAGS
11	417251.5710	2575554.5510	767.752	CP11 MAGS
15	417811.9190	2575118.3240	772.289	CP15 MAGS
13	417505.0320	2575316.5100	770.405	CP13 MAGS
17	418121.0660	2574918.3290	767.282	CP17 MAGS

BENCHMARK & CONTROL

ADS BM 503
⅝" REBAR – 1-1/2" ALUMINUM CAP FLUSH
STAMPED "503", SET S.W. OF THE INTERSECTION OF
21ST STREET & HARVARD AVENUE
N 418940.668
E 2576549.927
ELEV (FEET) – 790.326
HORIZONTAL DATUM: OKLAHOMA STATE PLANE
COORDINATE SYSTEM, NORTH ZONE 3501 NAD 1983
(2011)
VERTICAL DATUM: NAVD 88
COMBINED SCALE FACTOR: 0.999907785

TROUT LAND SURVEYING, LLC
918.734.3423 · 807 N. Birch St. Jenks, OK 74037
CA 7312 (LS) Exp. 6-30-2021

REVISION	BY	DATE

SURVEY DATA SHEET SOUTH (7 OF 7)

PROJ. 2036 N 4022Z

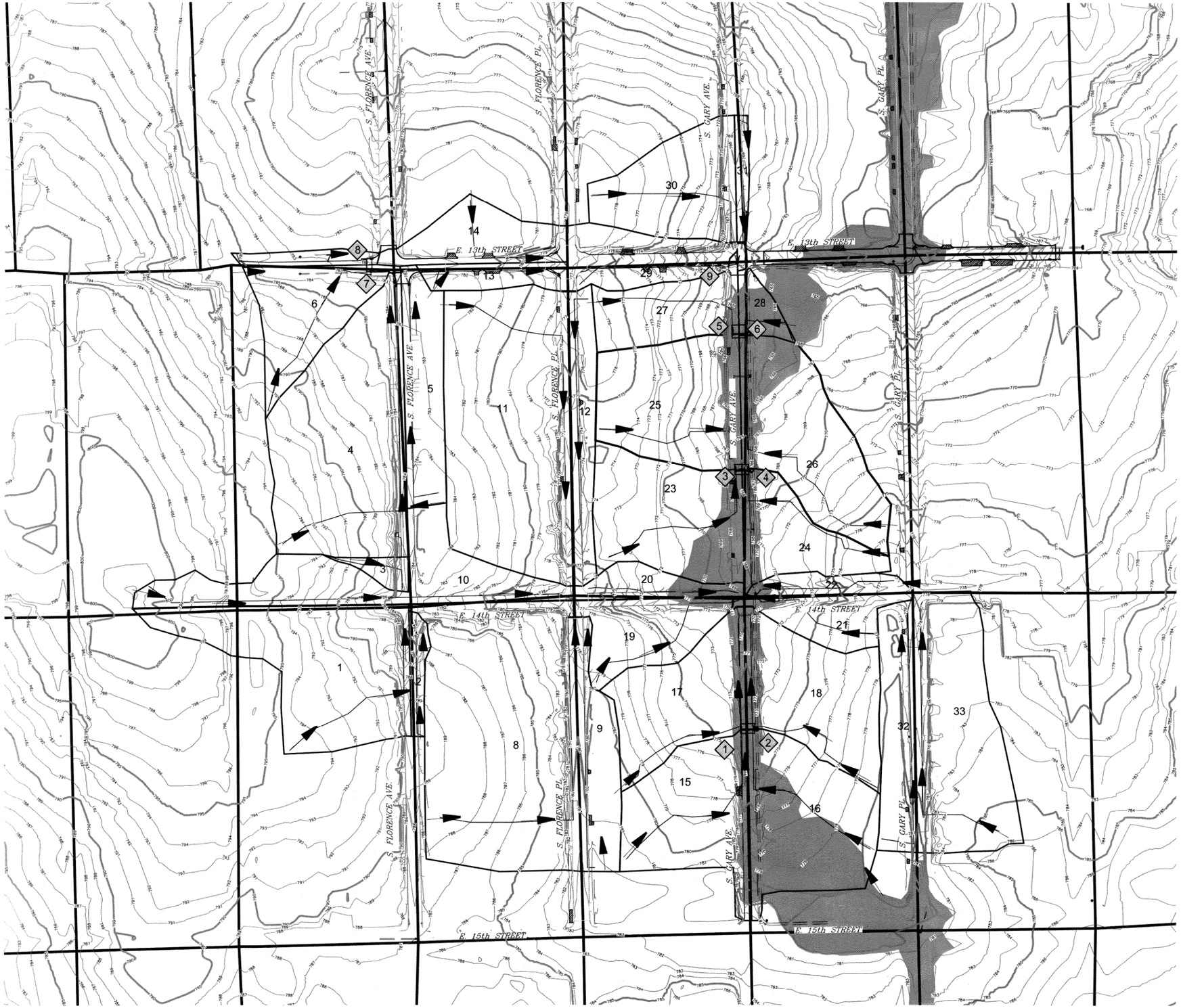
NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=50'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.		10/25	
HORIZONTAL: NA	LEAD ENGR.		11/25	
	FIELD MGR.		3/26	
VERTICAL: NA	RECOMMENDED: DESIGN MANAGER		3-26	CITY ENGINEER
FILE:	DRAWING:			DATE: 11/4/2026
ATLAS PAGE NO: 12, 32				SHEET 22 OF 108 SHEETS

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1 inch = 100 ft.

100 0 100 200

LEGEND

- 1 DRAINAGE AREA
- 2 PROP. INLET
- DRAINAGE AREA BOUNDARY
- TC FLOW PATH
- REGULATORY FLOODPLAIN

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
14920
OKLAHOMA

6/3/2025

REVISION	BY	DATE

DRAINAGE AREA MAP

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

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	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.	DEP	6/25	
HORIZONTAL:	LEAD ENGR.			
	FIELD MGR.	DEP	3/26	
VERTICAL:	RECOMMENDED: DESIGN MANAGER	DEP 11/26	HAS 3-26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 23 OF 108 SHEETS

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SUMMARY OF HYDROLOGIC DATA AND RUNOFF CALCULATIONS

D.A. NO.	AREA	INTENSITY	FACTORED RUNOFF COEFF.	DESIGN YEAR RUNOFF	COLLECTING STRUCTURE NUMBER	OVERLAND FLOW				SHALLOW CHANNELIZED FLOW				TOTAL TIME OF CONCENTRATION
	A	I100	C	Q100		FLOWPATH LENGTH	AVG. SLOPE	VELOCITY	Ti	FLOWPATH LENGTH	AVG. SLOPE	VELOCITY	Tt	TC=Ti+Tt
	ACRES	I100 YR		CFS		LF	%	FPS	MIN	LF	%	FPS	MIN	MIN
1	2.08	12.317	0.63	16.14	EXISTING	150	1.15	2.18	1.15	244	3.52	3.81	1.07	2.21
2	0.17	12.882	0.74	1.62	EXISTING	14	0.50	1.44	0.16	219	2.61	3.28	1.11	1.27
3	0.13	13.305	0.65	1.12	EXISTING	109	4.41	4.27	0.43	63	6.38	5.13	0.20	0.63
4	2.60	11.191	0.62	18.04	EXISTING	144	2.90	2.75	0.87	543	1.59	2.56	3.53	4.40
5	0.81	10.755	0.67	5.86	EXISTING	49	0.50	1.44	0.57	416	0.50	1.44	4.82	5.39
6	0.92	12.398	0.64	7.30	INLET-7	150	2.50	2.55	0.98	221	2.75	3.37	1.09	2.07
7	0.18	12.389	0.72	1.61	INLET-8	14	0.65	1.30	0.18	257	1.22	2.25	1.91	2.09
8	3.56	11.136	0.63	24.98	EXISTING	150	1.49	1.97	1.27	499	1.58	2.56	3.25	4.52
9	0.72	11.103	0.68	5.44	EXISTING	14	0.50	1.14	0.20	485	0.82	1.84	4.39	4.60
10	1.49	11.425	0.67	11.41	EXISTING	56	2.43	3.17	0.29	753	2.92	3.47	3.61	3.91
11	3.09	11.240	0.62	21.53	EXISTING	150	1.65	2.61	0.96	450	1.22	2.25	3.34	4.30
12	0.60	11.144	0.71	4.75	EXISTING	27	1.11	1.70	0.26	439	0.72	1.72	4.24	4.51
13	0.33	12.495	0.71	2.93	EXISTING	39	0.50	1.44	0.45	234	1.74	2.68	1.45	1.91
14	0.70	12.356	0.67	5.80	EXISTING	115	0.50	1.44	1.33	157	2.52	3.23	0.81	2.14
15	1.36	12.204	0.62	10.29	INLET-1	150	1.71	2.66	0.94	248	1.91	2.81	1.47	2.41
16	1.54	12.202	0.62	11.65	INLET-2	150	1.70	2.65	0.94	234	1.70	2.65	1.47	2.41
17	1.23	12.006	0.62	9.16	EXISTING	150	2.78	3.39	0.74	331	1.78	2.71	2.03	2.77
18	1.40	11.870	0.62	10.30	EXISTING	150	2.04	2.90	0.86	364	1.90	2.80	2.17	3.03
19	0.76	12.641	0.64	6.15	EXISTING	150	2.26	3.06	0.82	189	3.37	3.73	0.84	1.66
20	0.34	12.709	0.71	3.07	EXISTING	107	2.93	2.76	0.65	164	2.20	3.02	0.91	1.55
21	0.52	13.021	0.67	4.54	EXISTING	150	3.55	3.83	0.65	94	3.63	3.87	0.40	1.06
22	0.26	12.137	0.72	2.27	EXISTING	150	2.32	3.10	0.81	392	3.47	3.79	1.73	2.53
23	1.48	12.250	0.62	11.24	INLET-3	150	2.08	2.33	1.07	202	1.74	2.68	1.26	2.33
24	0.81	12.386	0.62	6.22	INLET-4	150	2.70	2.65	0.94	216	2.37	3.13	1.15	2.09
25	1.48	12.378	0.62	11.36	EXISTING	150	2.78	2.69	0.93	231	2.59	3.27	1.18	2.11
26	1.60	12.013	0.62	11.92	EXISTING	150	2.69	2.65	0.94	340	2.36	3.12	1.81	2.76
27	0.77	12.726	0.62	6.08	INLET-5	150	3.08	2.83	0.88	166	4.51	4.32	0.64	1.52
28	0.21	12.865	0.75	2.03	INLET-6	120	1.54	2.00	1.00	26	0.50	1.44	0.30	1.30
29	0.72	12.847	0.71	6.57	INLET-9	54	1.59	2.56	0.35	234	3.85	3.99	0.98	1.33
30	1.14	12.691	0.62	8.97	EXISTING	150	1.86	2.77	0.90	187	5.10	4.59	0.68	1.58
31	0.14	12.528	0.84	1.47	EXISTING	15	0.50	1.14	0.22	232	1.36	2.37	1.63	1.85
32	0.78	10.845	0.65	5.50	EXISTING	63	0.50	1.14	0.92	453	0.76	1.77	4.26	5.18
33	1.88	10.978	0.63	13.00	EXISTING	150	3.39	3.74	0.67	404	0.62	1.60	4.21	4.87

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LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
M. 24920
OKLAHOMA

6/3/2025

REVISION	BY	DATE

DRAINAGE AREA SUMMARY

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

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1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

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	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.	DAD	10/25	
HORIZONTAL:	LEAD ENGR.			
	FIELD MGR.		3/26	
VERTICAL:	RECOMMENDED: DESIGN MANAGER			CITY ENGINEER
FILE:	DRAWING:			DATE: 11/4/2026
ATLAS PAGE NO: 12, 32				SHEET 24 OF 108 SHEETS

SUMMARY OF DRAINAGE STRUCTURES

STR. NO.	STATION / OFFSET	NORTHING	EASTING	DESCRIPTION	DESIGN	ELEV. TOP OF GRATE INLET	ELEV. TOP OF RIM (MANHOLE)	FL. ELEV. BOTTOM OF INLET, MANHOLE OR JCT. BOX	PIPE SLOPE	PIPE FLOWLINE UPSTREAM	PIPE FLOWLINE DOWNSTREAM	STANDARD MANHOLE (6' DEPTH)	ADD'L. DEPTH IN MANHOLE (6' DIA.)	MANHOLE FRAME & COVER	C.I.CI. DES. 2	C.I.CI. DES. 4	C.I.CI. DES. 6	C.I.CI. DES. 2(B) w/JUNCTION BOX	C.I.CI. DES. 2 w/Acc. MANHOLE	INLET FRAME AND GRATE	CAST IRON CURB INLETS	REINFORCED CONCRETE PIPE
												611 (A)										613 (A)
												6'	611 (B)	611 (D)	611 (G)					611(I)	611(K)	18"
						FT	FT	FT	FT/FT	FT	FT	EA.	V.F.	EA.	EA.					EA.	EA.	LF
S. GARY AVE. (11TH TO 15TH)																						
INLET-1	304+29.24, 12.82' LT	422019.89	2575922.70	CONST. CAST IRON CURB INLET w/ 23.5 L.F. OF 18" RCP TO INLET-23	DES. 4	771.73	-	767.73	0.0200	767.73	767.26	-	-	-	-	1	-	-	-	4	4	24
INLET-2	304+29.24, 13.18' RT.	422020.49	2575948.70	CONST. CAST IRON CURB INLET w/ 2.5 L.F. OF 18" RCP TO MH-1	DES. 4	771.73	-	767.26	0.0200	767.26	767.21	-	-	-	-	1	-	-	-	4	4	3
INLET-3	309+35.85, 13.06' LT.	422526.37	2575910.94	CONST. CAST IRON CURB INLET w/ 23.5 L.F. of 18" RCP to INLET-25	DES. 4	765.06	-	761.06	0.0200	761.06	760.59	-	-	-	-	1	-	-	-	4	4	24
INLET-4	309+35.85, 13.01' RT.	422526.96	2575937.00	CONST. CAST IRON CURB INLET w/ 3 L.F. OF 18" RCP TO MH-2	DES. 4	765.06	-	760.59	0.0200	760.59	760.53	-	-	-	-	1	-	-	-	4	4	3
INLET-5	312+03.54, 13.11' LT.	422793.99	2575904.81	CONST. CAST IRON CURB INLET w/ 23.5 L.F. of 18" RCP to INLET-27	DES. 6	763.22	-	759.22	0.0200	759.22	758.75	-	-	-	-	-	1	-	-	6	6	24
INLET-6	312+03.54, 12.89' RT.	422794.58	2575930.80	CONST. CAST IRON CURB INLET w/ 3 L.F. of 18" RCP to MH-3	DES. 2	763.22	-	758.75	0.0200	758.75	758.69	-	-	-	1	-	-	-	-	2	2	3
MH-1	304+29.23, 18.32' RT.	422020.60	2575953.84	CONST. 6' I.D. MANHOLE	STD. 6' MH	-	772.30	765.80	-	-	-	1	0.50	1	-	-	-	-	-	-	-	-
MH-2	309+35.85, 18.95' RT.	422527.09	2575942.94	CONST. 6' I.D. MANHOLE	STD. 6' MH	-	765.50	757.80	-	-	-	1	1.70	1	-	-	-	-	-	-	-	-
MH-3	312+03.54, 18.90' RT.	422794.72	2575936.80	CONST. 6' I.D. MANHOLE	STD. 6' MH	-	763.85	754.56	-	-	-	1	3.29	1	-	-	-	-	-	-	-	-
S. FLORENCE AVE.																						
INLET-7	113+14.05, 13.21' LT.	422889.29	2575250.11	CONST. CAST IRON CURB INLET	DES. 2	781.13	-	778.25	-	-	-	-	-	-	1	-	-	-	-	2	2	-
INLET-8	113+15.05, 12.49' RT.	422890.92	2575275.77	CONST. CAST IRON CURB INLET	DES. 2	781.05	-	778.65	-	-	-	-	-	-	1	-	-	-	-	2	2	-
E. 13TH STREET																						
INLET-9	600+55.26, 12.11' RT.	422915.40	2575201.80	CONST. CAST IRON CURB INLET	DES. 2 w/ ACC. MH	780.98	-	775.72	-	-	-	-	-	-	-	-	-	-	1	2	2	-
INLET-10	600+56.44, 13.60' LT.	422941.13	2575202.45	CONST. CAST IRON CURB INLET	DES. 2	781.04	-	778.36	-	-	-	-	-	-	1	-	-	-	-	2	2	-
INLET-11	604+20.39, 25.49 RT.	422909.15	2575567.12	CONST. CAST IRON CURB INLET	DES. 2	777.10	-	773.92	-	-	-	-	-	-	1	-	-	-	-	2	2	-
INLET-12	604+15.69, 18.10 LT.	422952.64	2575561.57	CONST. CAST IRON CURB INLET	DES. 2	777.08	-	773.70	-	-	-	-	-	-	1	-	-	-	-	2	2	-
INLET-13	607+32.94, 13.74 RT.	422927.00	2575879.38	CONST. CAST IRON CURB INLET	DES. 2(B) w/ JUNCTION BOX	766.32	-	762.13	-	-	-	-	-	-	-	-	-	1	-	4	4	-
INLET-14	610+66.68, 17.87 RT.	422929.39	2576213.14	CONST. CAST IRON CURB INLET	DES. 2	759.38	-	756.59	-	-	-	-	-	-	1	-	-	-	-	2	2	-
INLET-15	611+31.84, 17.76 RT.	422930.77	2576278.28	CONST. CAST IRON CURB INLET	DES. 2	759.27	-	756.34	-	-	-	-	-	-	1	-	-	-	-	2	2	-
INLET-16	610+67.25, 18.04' LT.	422965.29	2576213.01	CONST. CAST IRON CURB INLET	DES. 2	758.74	-	755.11	-	-	-	-	-	-	1	-	-	-	-	2	2	-
INLET-17	611+29.87, 17.92 LT.	422966.40	2576275.62	CONST. CAST IRON CURB INLET	DES. 2	758.74	-	756.24	-	-	-	-	-	-	1	-	-	-	-	2	2	-
INLET-18	613+78.37, 13.60 RT.	422939.74	2576524.68	CONST. CAST IRON CURB INLET	DES. 2	766.41	-	765.42	-	-	-	-	-	-	1	-	-	-	-	2	2	-
MH-4	601+15.69, 12.68' RT.	422916.00	2575262.23	CONST. 6' I.D. MANHOLE	STD. 6' MH	-	781.68	775.13	-	-	-	1	0.55	1	-	-	-	-	-	-	-	-
MH-5	604+38.22, 11.39' RT.	422922.89	2575592.73	CONST. 6' I.D. MANHOLE	STD. 6' MH	-	777.32	772.45	-	-	-	1	-	1	-	-	-	-	-	-	-	-
MH-6	607+68.31, 10.93' RT.	422930.51	2575914.69	CONST. 6' I.D. MANHOLE	STD. 6' MH	-	766.07	760.96	-	-	-	1	-	1	-	-	-	-	-	-	-	-
MH-7	611+14.44, 12.30' RT.	422960.48	2576260.30	CONST. 6' I.D. MANHOLE	STD. 6' MH	-	759.32	750.82	-	-	-	1	2.50	1	-	-	-	-	-	-	-	-
MH-8	612+65.43, 10.34' RT.	422961.47	2576411.29	CONST. 6' I.D. MANHOLE	STD. 6' MH	-	761.82	756.52	-	-	-	1	-	1	-	-	-	-	-	-	-	-
												8	9	8	11	4	1	1	1	50	50	81

SUMMARY OF INLET DESIGN

STR. NO.	DESIGN	ROADWAY	LOCATION	NUMBER OF GRATES	NUMBER OF HOODS	TOP OF GRATE	FLOWLINE	INNER STR HEIGHT	LONGITUDINAL SLOPE AT INLET	CROSS SLOPE AT INLET	CLOGGING FACTOR	Q100	QCARRYOVER	SUM Q AT INLET	QINTERCEPT	QBYPASS	SPREAD AT INLET	DEPTH AT INLET	BYPASS TARGET STR NO.	INLET EFFICINCEY
						FT	FT	VF	%	%		CFS	CFS	CFS	CFS	CFS	FT	FT		%
Inlet-1	DES. 4	S. GARY AVE. (NORTH)	On Grade	4	4	771.73	767.73	4.00	0.0148	2.00	0.00	8.14	0.00	8.14	6.25	1.89	13.63	0.27	EX. INLET	76.77
Inlet-2	DES. 4	S. GARY AVE. (NORTH)	On Grade	4	4	771.73	767.26	4.47	0.0148	2.00	0.00	9.23	0.00	9.23	6.97	2.26	14.28	0.29	EX. INLET	75.52
Inlet-3	DES. 4	S. GARY AVE. (NORTH)	On Grade	4	4	765.06	761.06	4.00	0.0148	2.00	0.00	8.90	0.00	8.90	6.75	2.15	14.09	0.28	EX. INLET	75.88
Inlet-4	DES. 4	S. GARY AVE. (NORTH)	On Grade	4	4	765.06	760.59	4.47	0.0148	2.00	0.00	4.93	0.00	4.93	4.02	0.91	11.29	0.23	EX. INLET	81.54
Inlet-5	DES. 6	S. GARY AVE. (NORTH)	On Grade	6	6	763.22	759.22	4.00	0.0202	2.00	0.00	5.56	0.00	5.56	4.96	0.60	11.14	0.22	EX. INLET	89.16
Inlet-6	DES. 2	S. GARY AVE. (NORTH)	On Grade	2	2	763.22	758.75	4.47	0.0202	2.00	0.00	1.61	0.00	1.61	1.12	0.49	6.99	0.14	EX. INLET	69.72
Inlet-9	DES. 2	E. 13TH ST.	On Grade	2	2	780.98	775.72	5.26	0.0202	2.00	0.00	1.61	0.00	1.61	1.12	0.49	6.99	0.14	EX. INLET	69.72
Inlet-10	DES. 2	E. 13TH ST.	On Grade	2	2	781.04	778.36	2.68	0.0155	2.00	0.00		0.00	0.00						
Inlet-13	DES. 2(B) w/ JUNCTION BOX	E. 13TH ST.	On Grade	2	4	766.32	762.13	4.19	0.0214	2.00	0.00									

SUMMARY OF PIPE DESIGN

START NODE STR. NO.	END NODE STR. NO.	PIPE SHAPE	PIPE HEIGHT	PIPE WIDTH	LENGTH	SLOPE	INV. UP.	INV. DN	T/G UP	T/G DN	HGL UP	HGL DN	EGL UP	EGL DN	Q-100	Q-CAPACITY	VELOCITY
			INCH	INCH	FT	%	FT	FT	FT	FT	FT	FT	FT	FT	CFS	CFS	FPS
Inlet-1	Inlet-2	CIRCULAR	18.000	18.00	23.50	2.00	767.73	767.26	771.73	771.73	768.41	768.36	769.77	769.72	6.22	14.86	9.37
Inlet-2	MH-1	CIRCULAR	18.000	18.00	2.50	2.00	767.26	767.21	771.73	772.30	768.36	768.31	769.72	769.71	13.13	14.86	9.49
Inlet-3	Inlet-4	CIRCULAR	18.000	18.00	23.50	2.00	761.06	760.59	765.06	765.06	761.77	761.52	763.20	762.95	6.72	14.86	9.60
Inlet-4	MH-2	CIRCULAR	18.000	18.00	3.00	2.00	760.59	760.53	765.06	765.50	761.52	761.46	762.95	762.75	10.42	14.86	9.10
Inlet-5	Inlet-6	CIRCULAR	18.000	18.00	23.50	2.00	759.22	758.75	763.22	763.22	759.82	759.40	760.71	760.29	4.95	14.86	7.56
Inlet-6	MH-3	CIRCULAR	18.000	18.00	3.00	2.00	758.75	758.69	763.22	763.85	759.40	759.35	760.29	760.32	5.90	14.86	7.92

Daniel R. Polsgrove 24920 REGISTERED PROFESSIONAL ENGINEER OKLAHOMA

6/3/2025

STORMWATER STRUCTURES SUMMARIES

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

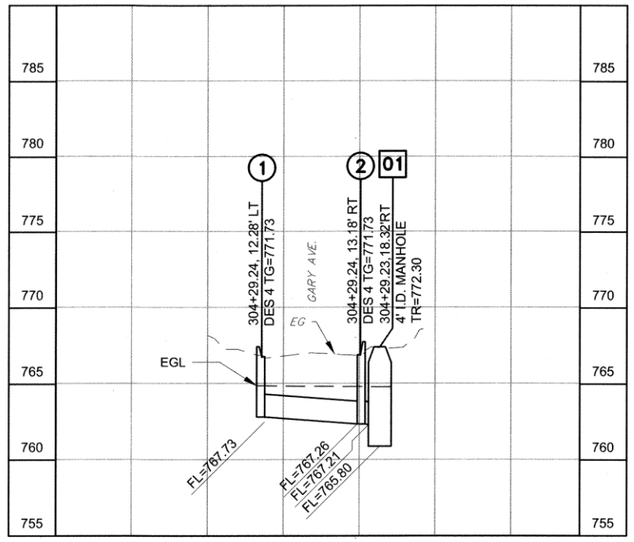
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HORIZONTAL:
VERTICAL:

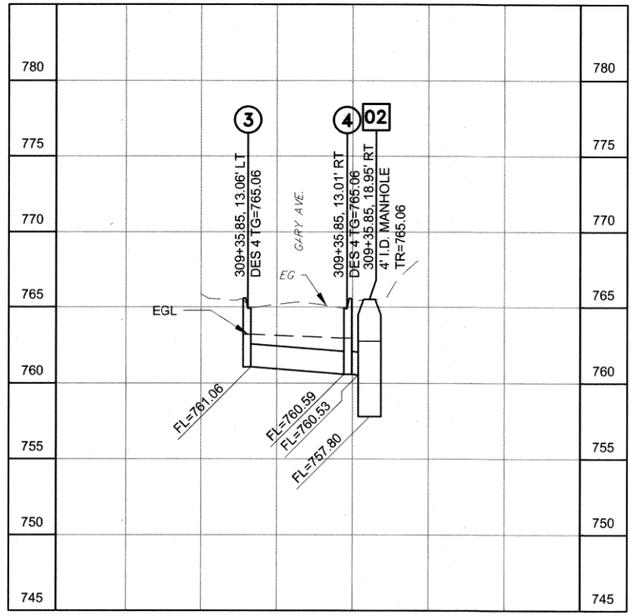
DRAWN BY:	BKL	3/2025
DESIGNED BY:	BKL	3/2025
SURVEY BY:	TLS	2/2021
PROJ. MGR.	DRD	6/25
LEAD ENGR.		
FIELD MGR.		
RECOMMENDED: DESIGN MANAGER		

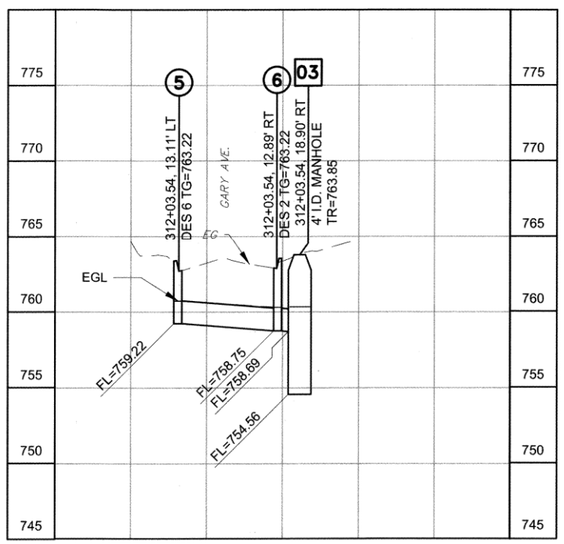
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DATE: 11/4/2026
SHEET 25 OF 108 SHEETS

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LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

STORMWATER PROFILES

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		3-26

APPROVED: CITY ENGINEER

FILE: DRAWING:

DATE: 11/4/2024

ATLAS PAGE NO: 12, 32

SHEET 26 OF 108 SHEETS

STORM WATER MANAGEMENT PLAN

SITE DESCRIPTION

PROJECT LIMITS: NON-ARTERIAL REHABILITATION & PAVEMENT RECONSTRUCTION FOR MAINTENANCE ZONE 4022.

PROJECT DESCRIPTION: NON-ARTERIAL REHABILITATION. PAVEMENT REHABILITATION & STORM SEWER DESIGN.

SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES:

PRIOR TO INITIATING SOIL DISTURBING ACTIVITIES, THE CONTRACTOR WILL INSTALL ALL PERIMETER TEMPORARY SEDIMENT CONTROLS SPECIFIED. STRIP, STOCKPILE AND STABILIZE TOPSOIL. CLEAR AND GRUB ONLY IN NECESSARY AREAS, PRESERVING AS MUCH NATIVE VEGETATION AS POSSIBLE. INSTALL, MAINTAIN AND/OR MOVE TEMPORARY SEDIMENT ITEMS WITH CONSTRUCTION OPERATIONS AS PRACTICAL. IF DIRECTED BY THE ENGINEER, PLANT TEMPORARY SEEDING. REPLACE SALVAGED TOPSOIL AND DEVICES WHEN AN ACCEPTABLE VEGETATIVE COVER (AT LEAST 70%) HAS BEEN ATTAINED. AS SITE CONDITIONS WARRANT, THE CONTRACTOR MAY TO CHOOSE TO MODIFY THE TYPE OR ARRANGEMENT OF SPECIFIED PRACTICES TO IMPROVE THEIR EFFECTIVENESS AS APPROVED BY THE ENGINEER. THE CONTRACTOR WILL MAINTAIN A LOG OF THE DATES OF MAJOR SOIL DISTURBANCE ACTIVITIES, AND ALSO THE DATE OF INSTALLATION OF EROSION CONTROL MEASURES.

SOIL TYPE: COWETA-URBAN LAND-ERAM 3 TO 12 PERCENT SLOPES

TOTAL AREA OF THE CONSTRUCTION SITE: 15.00 ACRES

ESTIMATED AREA TO BE DISTURBED: 33.25 ACRES

OFFSITE AREA TO BE DISTURBED: (FOR CONTRACTOR USE)

TOTAL IMPERVIOUS AREA PRE-CONSTRUCTION: 12.42 ACRES

TOTAL IMPERVIOUS AREA POST-CONSTRUCTION: 12.42 ACRES

POST-CONSTRUCTION RUNOFF COEFFICIENT OF THE SITE: .75

LATITUDE & LONGITUDE OF CENTER OF PROJECT: 36° 08' 38" N., 95° 56' 40" W. AND 36° 07' 50" N., 95° 56' 40" W.

PROJECT WILL DISCHARGE TO:

NAME OF RECEIVING WATERS: ARKANSAS RIVER

SENSITIVE WATERS OR WATERSHEDS: YES ☐ NO ☒

303(d) IMPAIRED WATERS: YES ☒ NO ☐

IF YES, LIST IMPAIRMENT: ENTEROCOCCUS, CADMIUM

LOCATED IN A TMDL: YES ☐ NO ☒

LAKE THUNDERBIRD TMDL: YES ☐ NO ☒

MS4 ENTITY YES ☒ NO ☐

IF YES, LOCATION: CITY OF TULSA

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.

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

- ____ TEMPORARY SEEDING
- _X_ PERMANENT SODDING, SPRIGGING OR SEEDING
- ____ VEGETATIVE MULCHING
- ____ SOIL RETENTION BLANKET
- _X_ PRESERVATION OF EXISTING VEGETATION
- ____ HYDROMULCH / HYDROSEED

NOTE: TEMPORARY EROSION CONTROL METHODS MUST BE USED ON ALL DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR OVER 14 DAYS. METHODS USED WILL BE AS SHOWN ON PLANS, OR AS DIRECTED BY THE ENGINEER.

STRUCTURAL PRACTICES:

- ____ STABILIZED CONSTRUCTION EXIT
- _X_ TEMPORARY SILT FENCE
- _X_ TEMPORARY SILT DIKES
- ____ TEMPORARY FIBER LOG
- ____ DIVERSION, INTERCEPTOR OR PERIMETER DIKES
- ____ DIVERSION, INTERCEPTOR OR PERIMETER SWALES
- ____ ROCK FILTER DAMS
- ____ TEMPORARY SLOPE DRAIN
- ____ PAVED DITCH W/ DITCH LINER PROTECTION
- ____ TEMPORARY DIVERSION CHANNELS
- ____ TEMPORARY SEDIMENT BASINS
- ____ TEMPORARY SEDIMENT TRAPS
- _X_ TEMPORARY SEDIMENT FILTERS
- _X_ TEMPORARY SEDIMENT REMOVAL
- ____ RIP RAP
- _X_ INLET PROTECTION
- ____ TEMPORARY BRUSH SEDIMENT BARRIERS
- ____ SANDBAG BERMS
- ____ TEMPORARY STREAM CROSSINGS
- ____ FLEXAMAT / ARTICULATED CONCRETE BLOCK
- ____ COMPOST FILTER SOCKS
- ____ EROSION CONTROL MATS AND BLANKETS

OFFSITE VEHICLE TRACKING:

- ____ HAUL ROADS DAMPENED FOR DUST CONTROL
- _X_ LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
- _X_ EXCESS DIRT ON ROAD REMOVED DAILY

NOTES:

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE FOLLOWING:

MAINTENANCE AND INSPECTION:

ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER FROM THE BEGINNING OF CONSTRUCTION UNTIL AN ACCEPTABLE VEGETATIVE COVER IS ESTABLISHED. INSPECTION BY THE CONTRACTOR AND ANY NECESSARY REPAIRS SHALL BE PERFORMED ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCH AS RECORDED BY A NON-FREEZING RAIN GAUGE TO BE LOCATED ON SITE. POTENTIALLY ERODIBLE AREAS, DRAINAGEWAYS, MATERIAL STORAGE, STRUCTURAL DEVICES, CONSTRUCTION ENTRANCES AND EXITS ALONG WITH EROSION AND SEDIMENT CONTROL LOCATIONS ARE EXAMPLES OF SITES THAT NEED TO BE INSPECTED.

WASTE MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF CONSTRUCTION WASTE MATERIAL IS REQUIRED BY THE CONTRACTOR. MATERIALS INCLUDE STOCKPILES, SURPLUS, DEBRIS AND ALL OTHER BY-PRODUCTS FROM THE CONSTRUCTION PROCESS. PRACTICES INCLUDE DISPOSAL, PROPER MATERIALS HANDLING, SPILL PREVENTION AND CLEANUP MEASURES. CONTROLS AND PRACTICES SHALL MEET THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AGENCIES.

HAZARDOUS MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTE MATERIALS IS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS, STATE AND FEDERAL REGULATIONS TO ENSURE CORRECT HANDLING, DISPOSAL, SPILL PREVENTION AND CLEANUP MEASURES. EXAMPLES INCLUDE BUT ARE NOT LIMITED TO: PAINTS, ACIDS, CLEANING SOLVENTS, CHEMICAL ADDITIVES, CONCRETE CURING COMPOUNDS AND CONTAMINATED SOILS.

GENERAL NOTES:

A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED TO COMPLY WITH THE OKLAHOMA POLLUTION DISCHARGE ELIMINATION SYSTEM (OPDES) REGULATIONS. THIS PLAN IS INITIATED DURING THE DESIGN PHASE, CONFIRMED IN THE PRE-WORK MEETINGS AND AVAILABLE ON THE JOB SITE ALONG WITH COPIES OF THE NOTICE OF INTENT (NOI) FORM AND PERMIT CERTIFICATE THAT HAVE BEEN FILED WITH THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ). THE PLAN MUST BE KEPT CURRENT WITH UP-TO-DATE AMENDMENTS DURING THE PROGRESSION OF THE PROJECT. ALL CONTRACTOR OFF-SITE OPERATIONS ASSOCIATED WITH THE PROJECT MUST BE DOCUMENTED IN THE SWPPP, I.E., BORROW PITS, WORK ROADS, DISPOSAL SITES, ASPHALT/CONCRETE PLANTS, ETC. THE BASIC GOAL OF STORM WATER MANAGEMENT IS TO IMPROVE WATER QUALITY BY REDUCING POLLUTANTS IN STORM WATER DISCHARGES. RUNOFF FROM CONSTRUCTION SITES HAS A POTENTIAL FOR POLLUTION DUE TO EXPOSED SOILS AND THE PRESENCE OF HAZARDOUS MATERIALS USED IN THE CONSTRUCTION PROCESS. THE PREVENTION OF SOIL EROSION, CONTAINMENT OF HAZARDOUS MATERIALS AND/OR THE INTERCEPTION OF THESE POLLUTANTS BEFORE LEAVING THE CONSTRUCTION SITE ARE THE BEST PRACTICES FOR CONTROLLING STORM WATER POLLUTION.

THE FOLLOWING SECTIONS OF THE 2019 ODOT STANDARD SPECIFICATIONS SHOULD BE NOTED:

103.05	BONDING REQUIREMENTS
104.10	FINAL CLEANING UP
104.12	CONTRACTOR'S RESPONSIBILITY FOR WORK
104.13	ENVIRONMENTAL PROTECTION
106.08	STORAGE AND HANDLING OF MATERIAL
107.01	LAWS, RULES AND REGULATIONS TO BE OBSERVED
107.20	STORM WATER MANAGEMENT
220	MANAGEMENT OF EROSION, SEDIMENTATION AND STORM WATER POLLUTION PREVENTION
221	TEMPORARY SEDIMENT CONTROL

IN ADDITION:

"ODEQ GENERAL PERMIT (OKR10) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES WITHIN THE STATE OF OKLAHOMA." ODEQ, WATER QUALITY DIVISION, NOVEMBER 1, 2023.

ADDITIONAL PERMITS REQUIRED FROM OKLAHOMA WATER RESOURCES BOARD AND/OR MUNCIPALITY FOR USE OF SURFACE, GROUND OR CITY WATER SOURCES FOR ACTIVITIES SUCH AS WATERING.

LICENSED PROFESSIONAL ENGINEER — Daniel E. Polasek — 24920 — OKLAHOMA

6/3/2025

REVISION	BY	DATE

STORMWATER MANAGEMENT PLAN
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: NA	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL:	LEAD ENGR.		
	FIELD MGR.		5/26
VERTICAL:	RECOMMENDED: DESIGN MANAGER		3·26

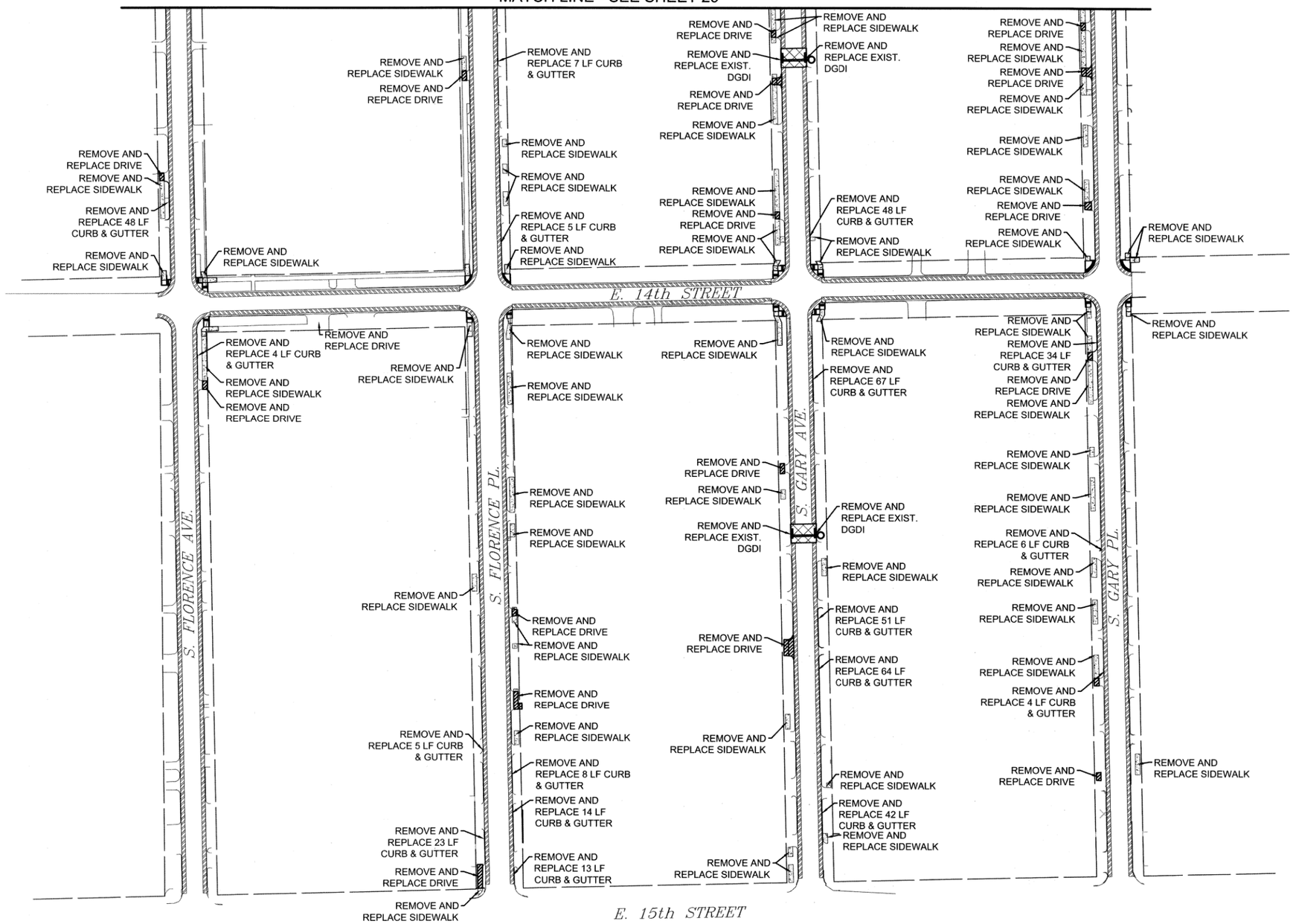
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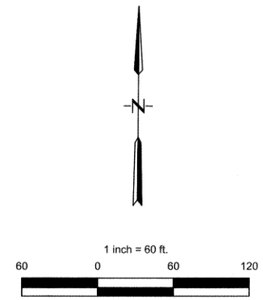
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REVISED 8-1-2022

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MATCH LINE - SEE SHEET 29





DEMO LEGEND:

- FULL DEPTH REMOVAL AREA
- 4' EDGE MILL AREA
- DRIVE REMOVAL AREA
- SIDEWALK REMOVAL AREA

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

DEMOLITION PLAN NORTH (1 OF 3)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

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PROFILE SCALE	PROJ. MGR.		6/25
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MATCH LINE - SEE SHEET 30

12th STREET

S. FLORENCE AVE.

S. FLORENCE PL.

S. GARY AVE.

S. GARY PL.

E. 13th STREET

REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE 27 LF CURB & GUTTER
REMOVE AND REPLACE DRIVE
REMOVE AND REPLACE SIDEWALK
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REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE 22 LF CURB & GUTTER
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE 59 LF CURB & GUTTER
REMOVE AND REPLACE DRIVE
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE DRIVE
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE 50 LF CURB & GUTTER
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE EXIST. DGDI
REMOVE AND REPLACE EXIST. DGDI
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE 3 LF CURB & GUTTER
REMOVE AND REPLACE 27 LF CURB & GUTTER
REMOVE AND REPLACE 10 LF CURB & GUTTER
REMOVE AND REPLACE SIDEWALK
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REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE DRIVE
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REMOVE AND REPLACE SIDEWALK
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REMOVE AND REPLACE 26 LF CURB & GUTTER
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE 32 LF CURB & GUTTER
REMOVE AND REPLACE EXIST. DGDI
REMOVE AND REPLACE 26 LF CURB & GUTTER
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE SIDEWALK
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REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE 42 LF CURB & GUTTER
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE 12 LF CURB & GUTTER
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE DRIVE
REMOVE AND REPLACE DRIVE
REMOVE AND REPLACE SIDEWALK
REMOVE AND REPLACE SIDEWALK

MATCH LINE - SEE SHEET 28

1 inch = 60 ft.
60 0 60 120

DEMO LEGEND:

- FULL DEPTH REMOVAL AREA
- 4' EDGE MILL AREA
- DRIVE REMOVAL AREA
- SIDEWALK REMOVAL AREA

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polgrean
24920
OKLAHOMA
6/3/2025

DEMOLITION PLAN NORTH (2 OF 3)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
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1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

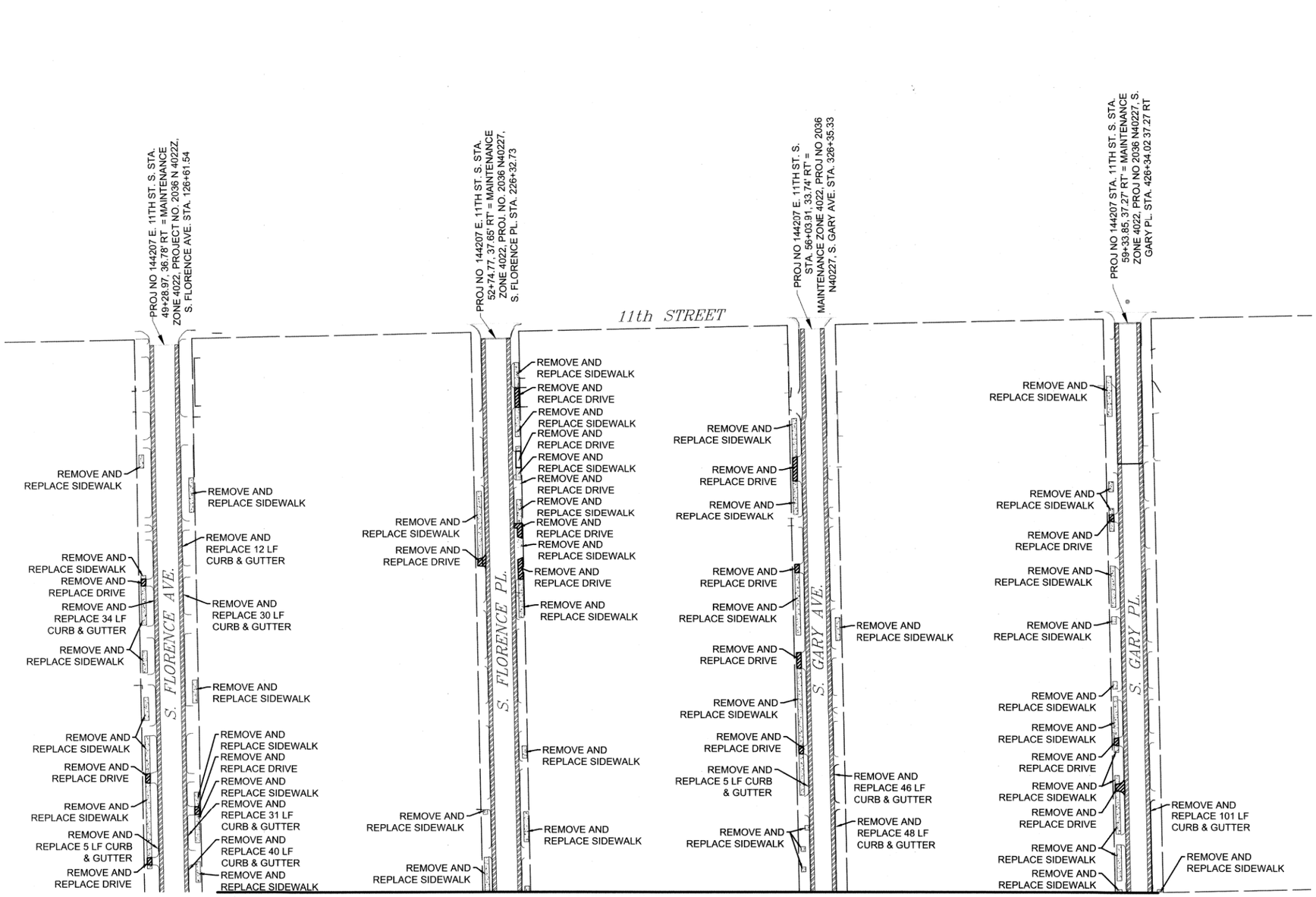
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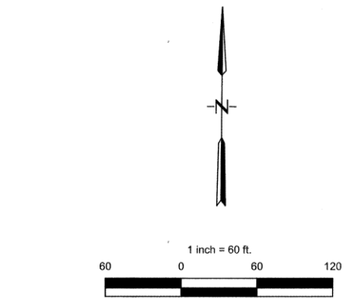
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LEAD ENGR.		11/25
FIELD MGR.		3/26

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DEMO LEGEND:

- FULL DEPTH REMOVAL AREA
- 4' EDGE MILL AREA
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- SIDEWALK REMOVAL AREA

Daniel E. Polasek — 24920 — LICENSED PROFESSIONAL ENGINEER — OKLAHOMA

6/3/2025

REVISION	BY	DATE

DEMOLITION PLAN NORTH (3 OF 3)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

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	RECOMMENDED: DESIGN MANAGER		

APPROVED: CITY ENGINEER

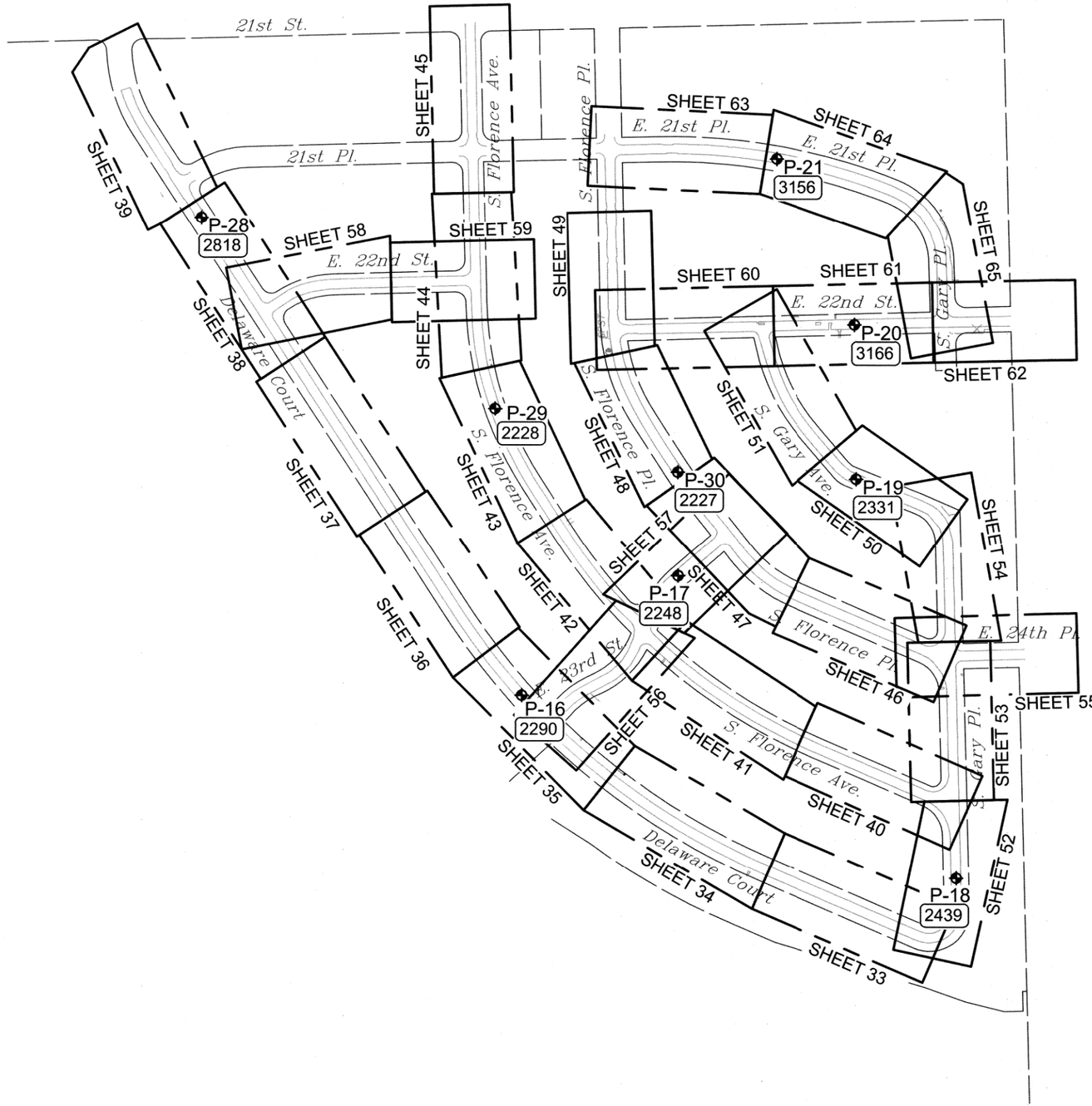
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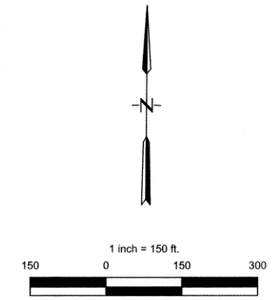
DATE: 11/4/2026

ATLAS PAGE NO: 12, 32

SHEET 30 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-DKM-(NORTH).dwg, 250603 - 12:36 PM, DEP





LEGEND:

- BORE LOCATION
- 3929 NEAREST STREET ADDRESS
- P-1 BORE NUMBER AND TYPE

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA

6/3/2025

REVISION	BY	DATE

ROADWAY KEY MAP (SOUTH)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

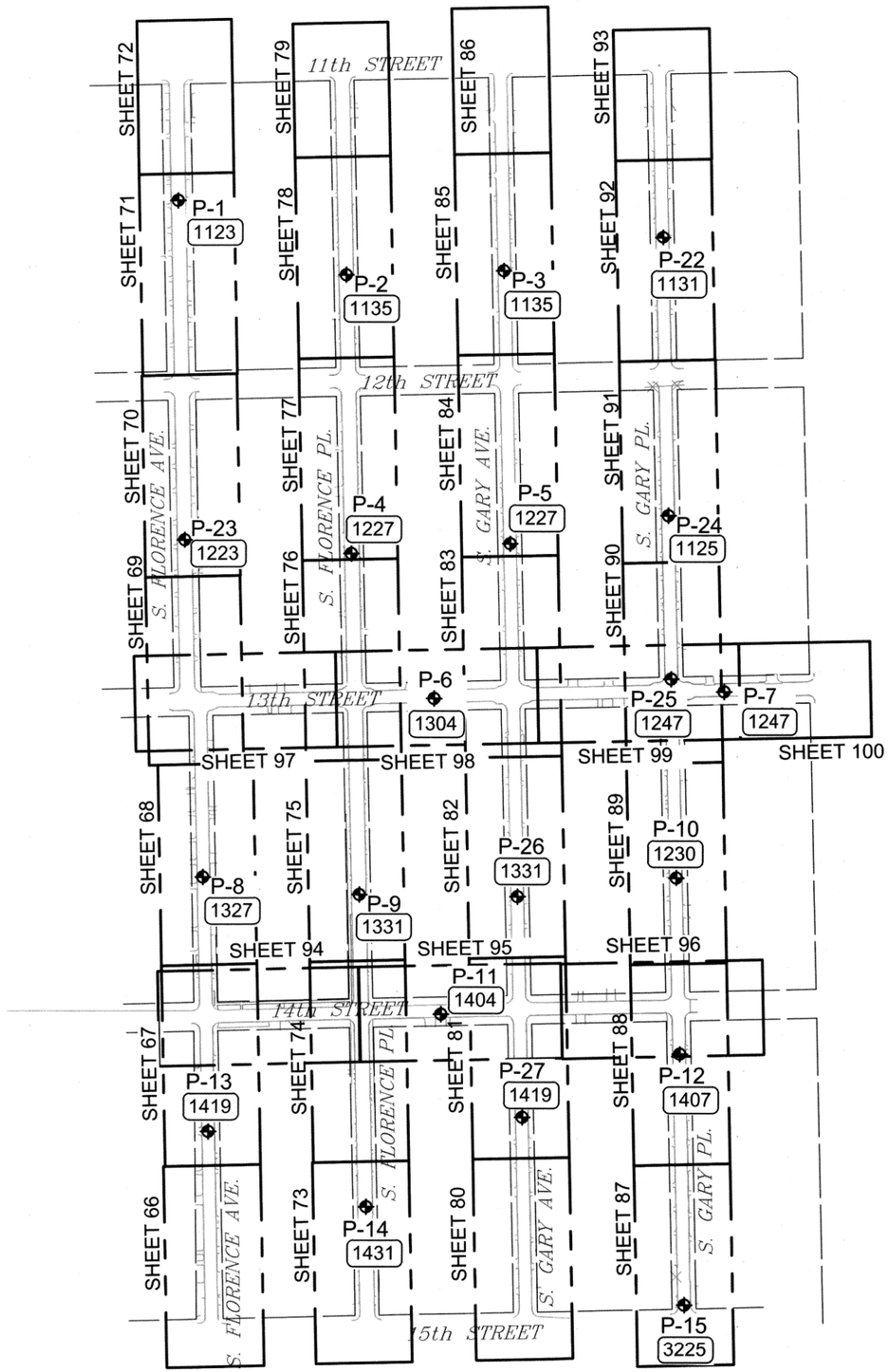
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=150'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	DJA	6/25
HORIZONTAL: NA	LEAD ENGR.	DP	6/25
	FIELD MGR.		
VERTICAL: NA	RECOMMENDED: DESIGN MANAGER		3-26

APPROVED:
CITY ENGINEER

FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: 12, 32
SHEET 31 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\SHEETS SOUTH\762-LM02-SOUTH.dwg, 250603 - 12:36 PM, DEP



1 inch = 150 ft.

150 0 150 300

LEGEND:

- BORE LOCATION
- 3929 NEAREST STREET ADDRESS
- P-1 BORE NUMBER AND TYPE

Daniel E. Polosek — LICENSED PROFESSIONAL ENGINEER — No. 24920 — OKLAHOMA

6/3/2025

REVISION	BY	DATE

ROADWAY KEY MAP (NORTH)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

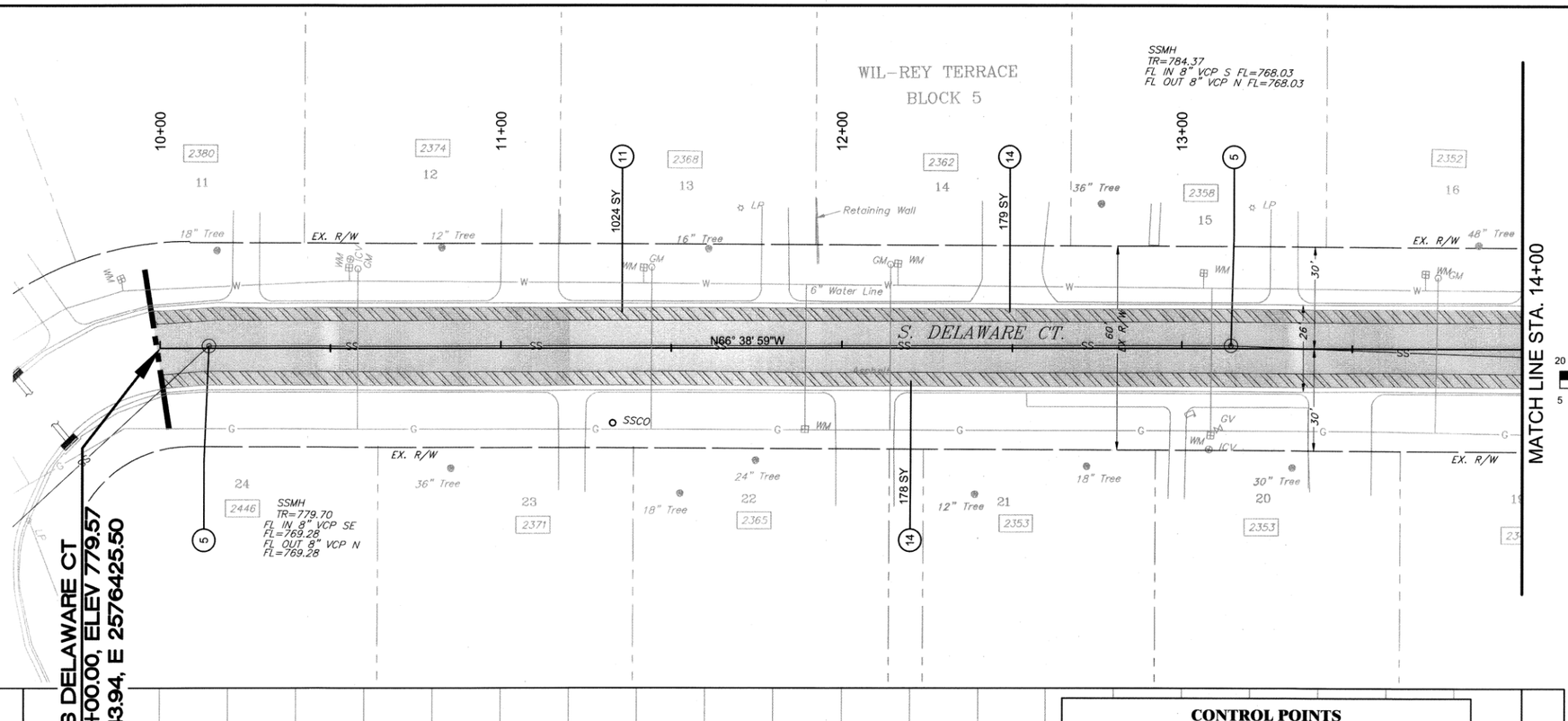
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	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	DJD	11/25
HORIZONTAL: NA	LEAD ENGR.	DJD	11/25
	FIELD MGR.	TLS	3/26
VERTICAL: NA	RECOMMENDED: DESIGN MANAGER	DJD 11/26	HAS 3-26

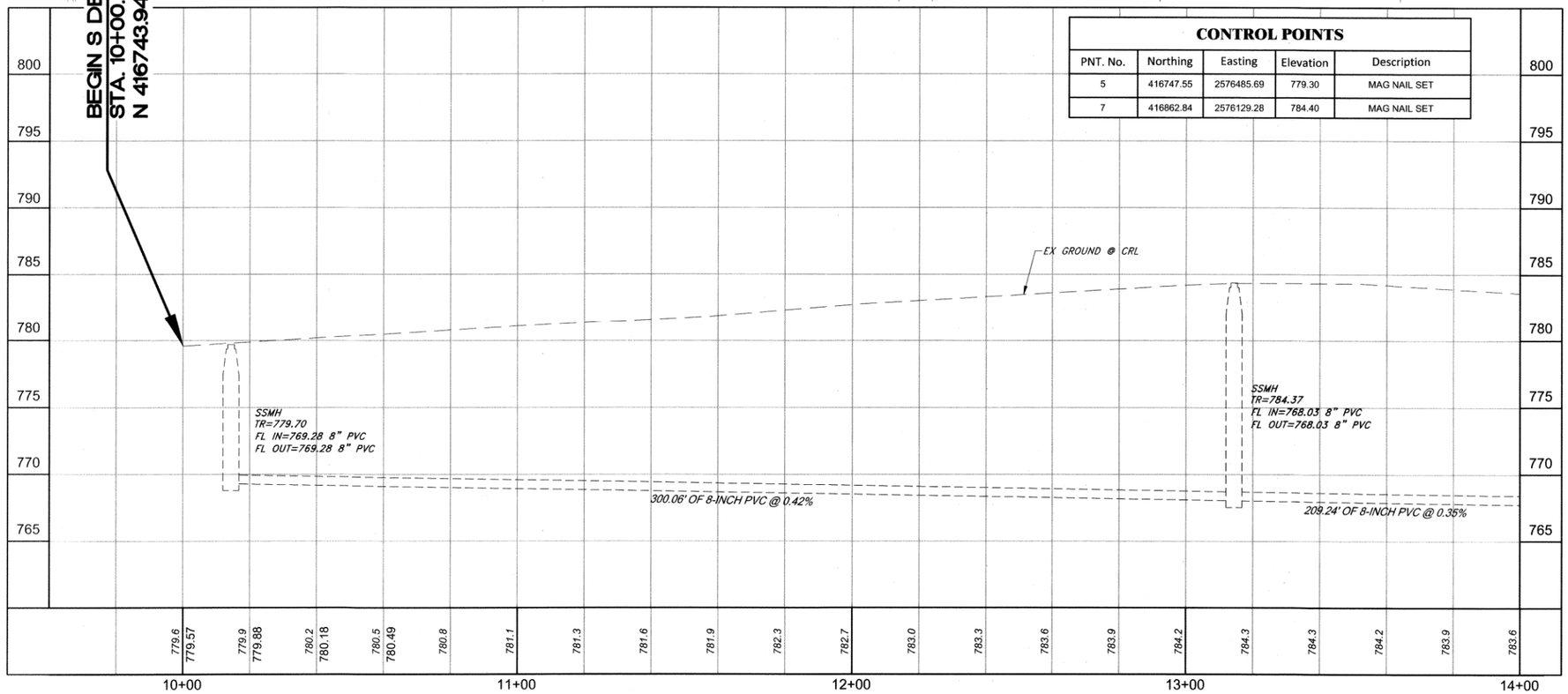
APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 32 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
5	416747.55	2576485.69	779.30	MAG NAIL SET
7	416862.84	2576129.28	784.40	MAG NAIL SET

Bench Mark #6

FH TOP OF NUT,
TLS CONTROL
N=416717.75
E=2576437.27
ELEV. 783.01

Bench Mark #8

CHISELED SQUARE,
TLS CONTROL
N=416847.93
E=2576106.90
ELEV. 785.50

1 inch = 20 ft. (HORIZ)
20 0 20 40
1 inch = 5 ft. (VERT)
5 0 5 10

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

DELAWARE CT PLAN & PROFILE (1 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

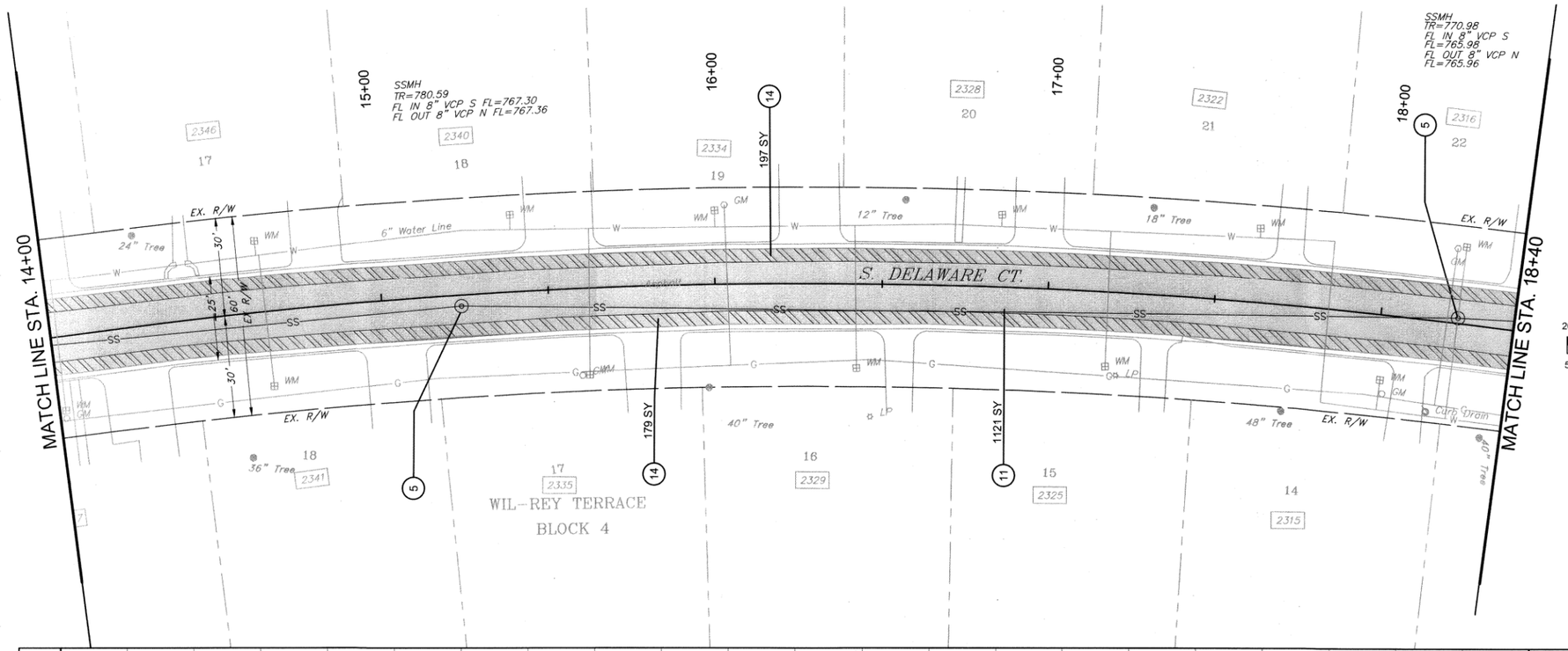
PLAN SCALE:	DRAWN BY:	BKL	3/2025
1"=20'	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		3/26
VERTICAL: 1"=5'	FIELD MGR.		3/26
	RECOMMENDED: DESIGN MANAGER		3·26

APPROVED: CITY ENGINEER

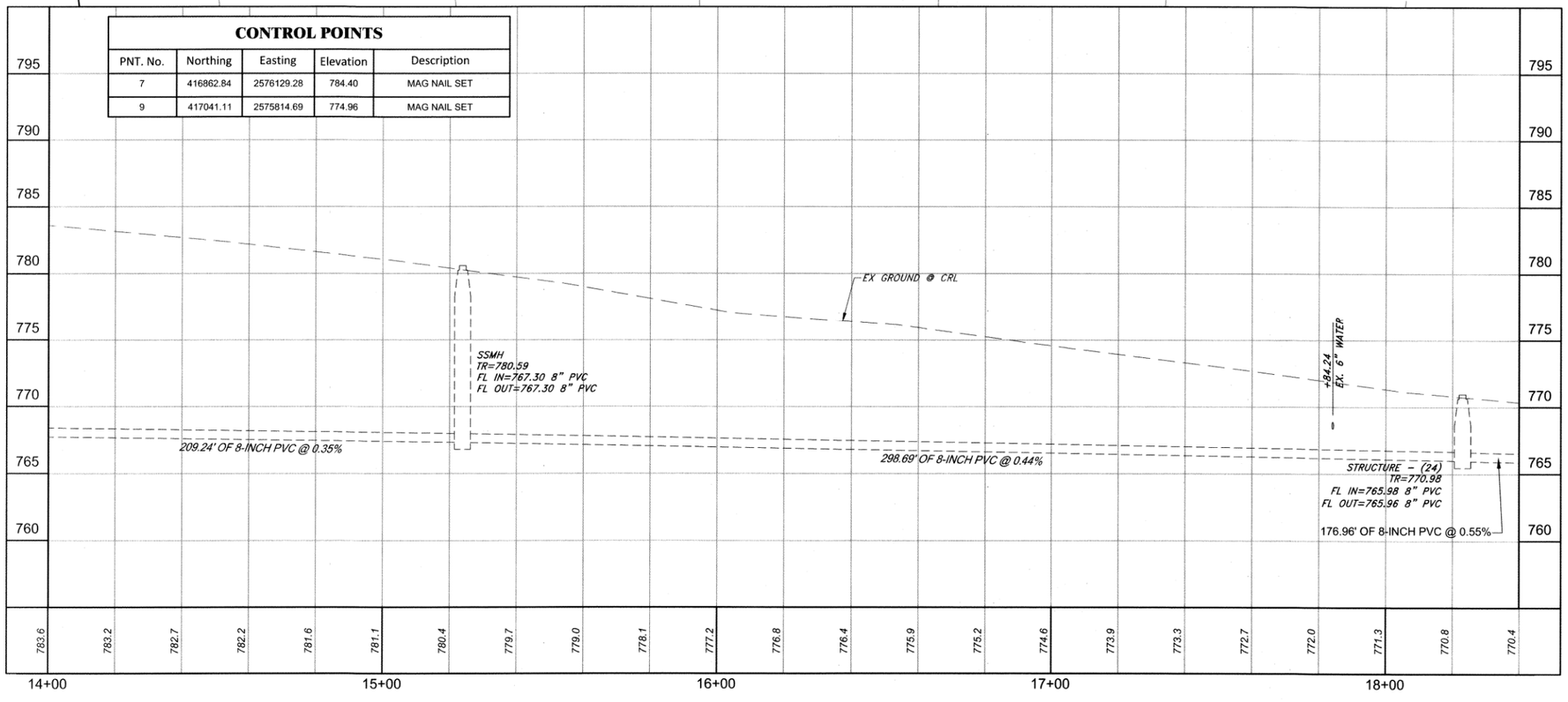
FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 33 OF 108 SHEETS

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CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
7	416862.84	2576129.28	784.40	MAG NAIL SET
9	417041.11	2575814.69	774.96	MAG NAIL SET



Bench Mark #8
CHISELED SQUARE, TLS CONTROL N=416847.93 E=2576106.90 ELEV. 785.50

Bench Mark #10
CHISELED SQUARE, TLS CONTROL N=417017.78 E=2575790.17 ELEV. 775.16

1 inch = 20 ft. (HORIZ)
20 0 20 40
1 inch = 5 ft. (VERT)
5 0 5 10

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) 4' EDGE MILL

PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

(1) PROP. MANHOLE
(2) PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

DELAWARE CT PLAN & PROFILE (2 OF 7)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

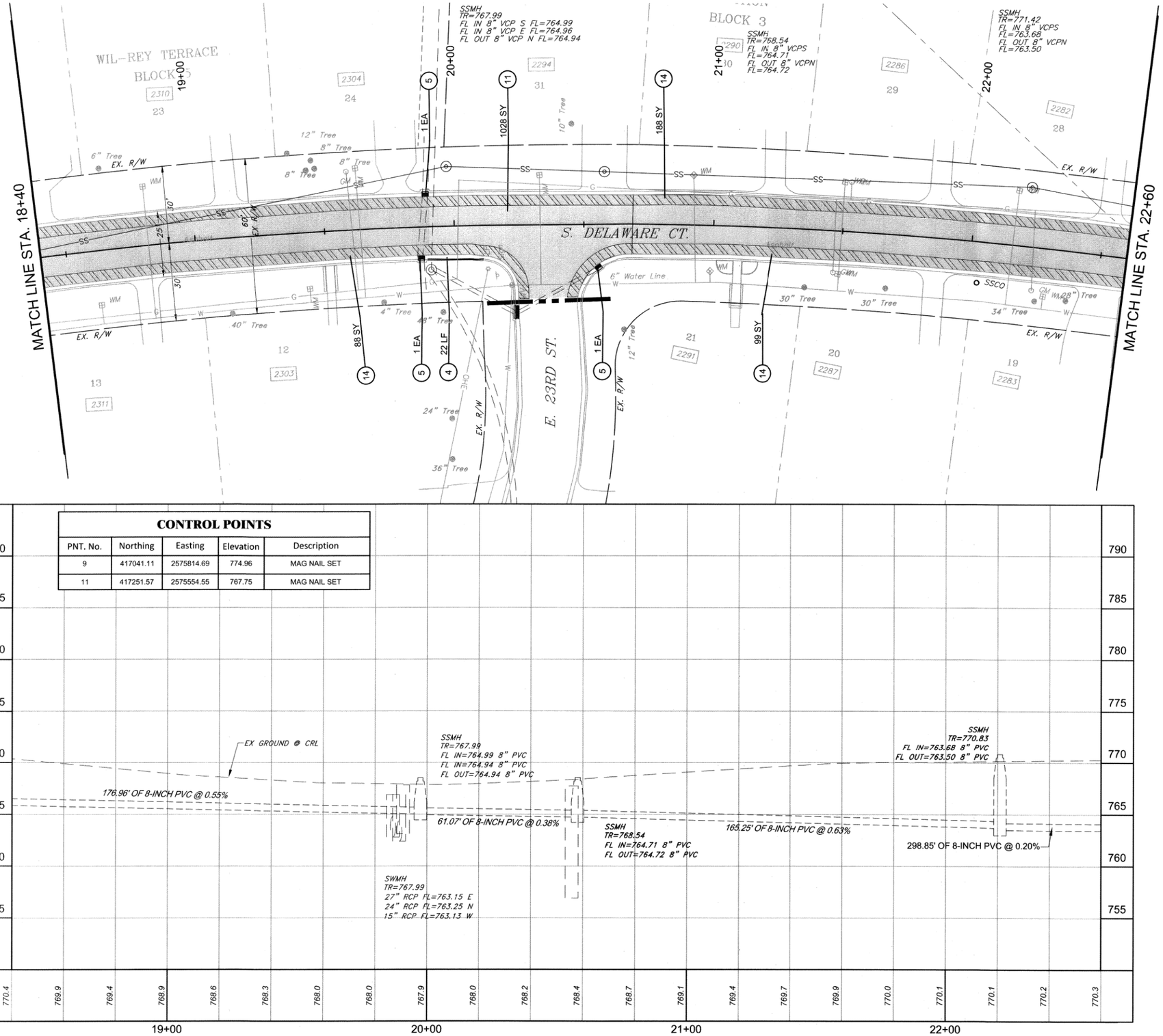
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	TJR	6/25
HORIZONTAL: 1"=20'	LEAD ENGR.	DEP	3/26
VERTICAL: 1"=5'	FIELD MGR.		
	RECOMMENDED: DESIGN MANAGER	TJR 6/20 HAS 3-26	

APPROVED:
CITY ENGINEER

FILE: DRAWING:
ATLAS PAGE NO: 12, 32
DATE: 11/9/2026
SHEET 34 OF 108 SHEETS

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CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
9	417041.11	2575814.69	774.96	MAG NAIL SET
11	417251.57	2575554.55	767.75	MAG NAIL SET

Bench Mark #10
CHISELED SQUARE, TLS CONTROL N=417017.78 E=2575790.17 ELEV. 775.16

Bench Mark #12
FH TOP OF NUT, TLS CONTROL N=417258.23 E=2575561.48 ELEV. 771.40

1 inch = 20 ft. (HORIZ)

20 0 20 40

5 0 5 10

1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) 4' EDGE MILL

PROJECT LIMITS

(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
M. 24920
OKLAHOMA

6/3/2025

DELAWARE CT PLAN & PROFILE (3 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		6/25
VERTICAL: 1"=5'	FIELD MGR.		3/26
	RECOMMENDED: DESIGN MANAGER	HBS	3-2-26

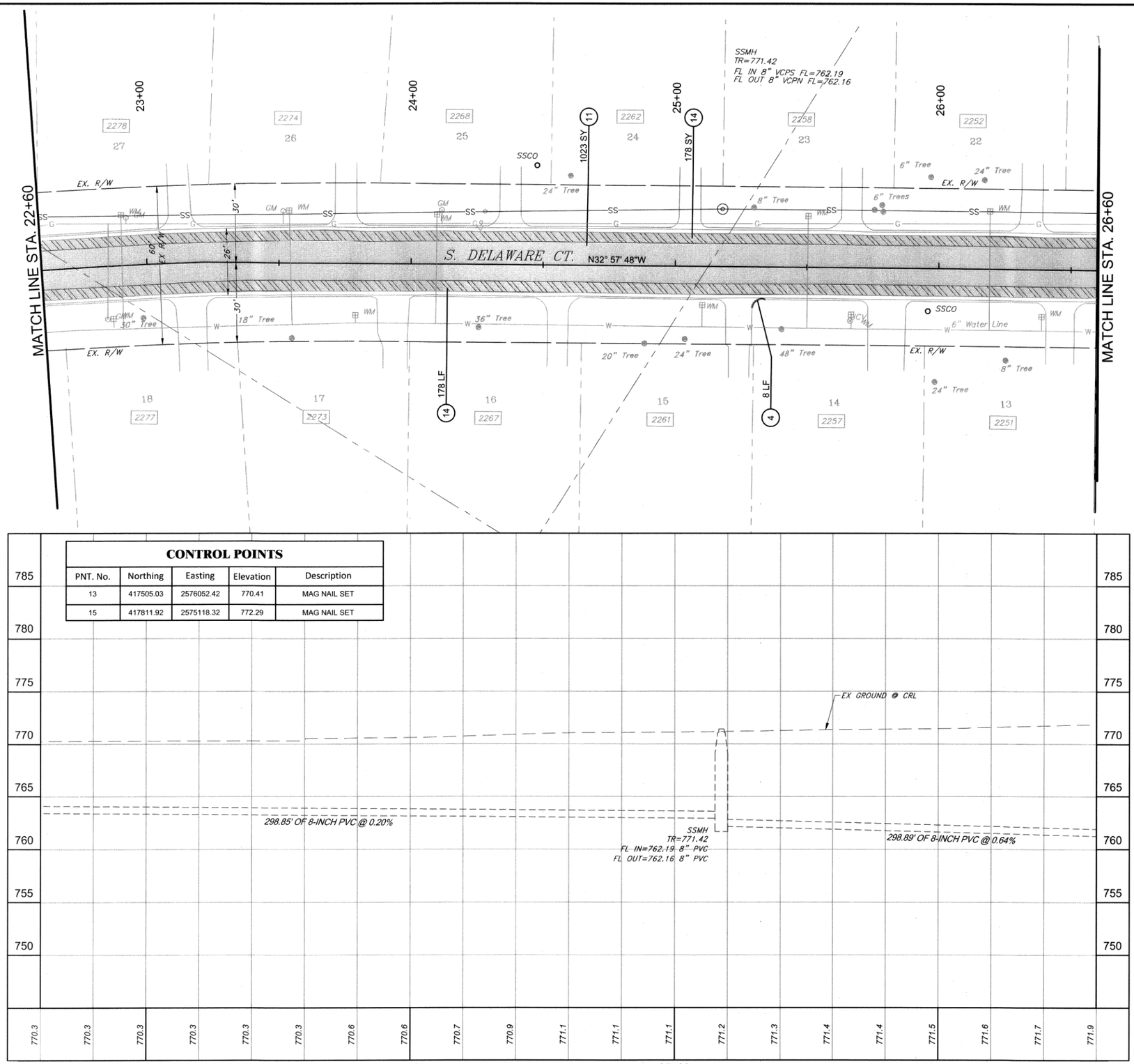
APPROVED:

CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 35 OF 108 SHEETS

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CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
13	417505.03	2576052.42	770.41	MAG NAIL SET
15	417811.92	2575118.32	772.29	MAG NAIL SET

Bench Mark #14
CHISELED SQUARE,
TLS CONTROL
N=417549.13
E=2575328.86
ELEV. 771.04

Bench Mark #16
CHISELED SQUARE,
TLS CONTROL
N=417788.88
E=2575116.72
ELEV. 772.69

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
No. 24920
OKLAHOMA

6/3/2025

REVISION	BY	DATE

DELAWARE CT PLAN & PROFILE (4 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

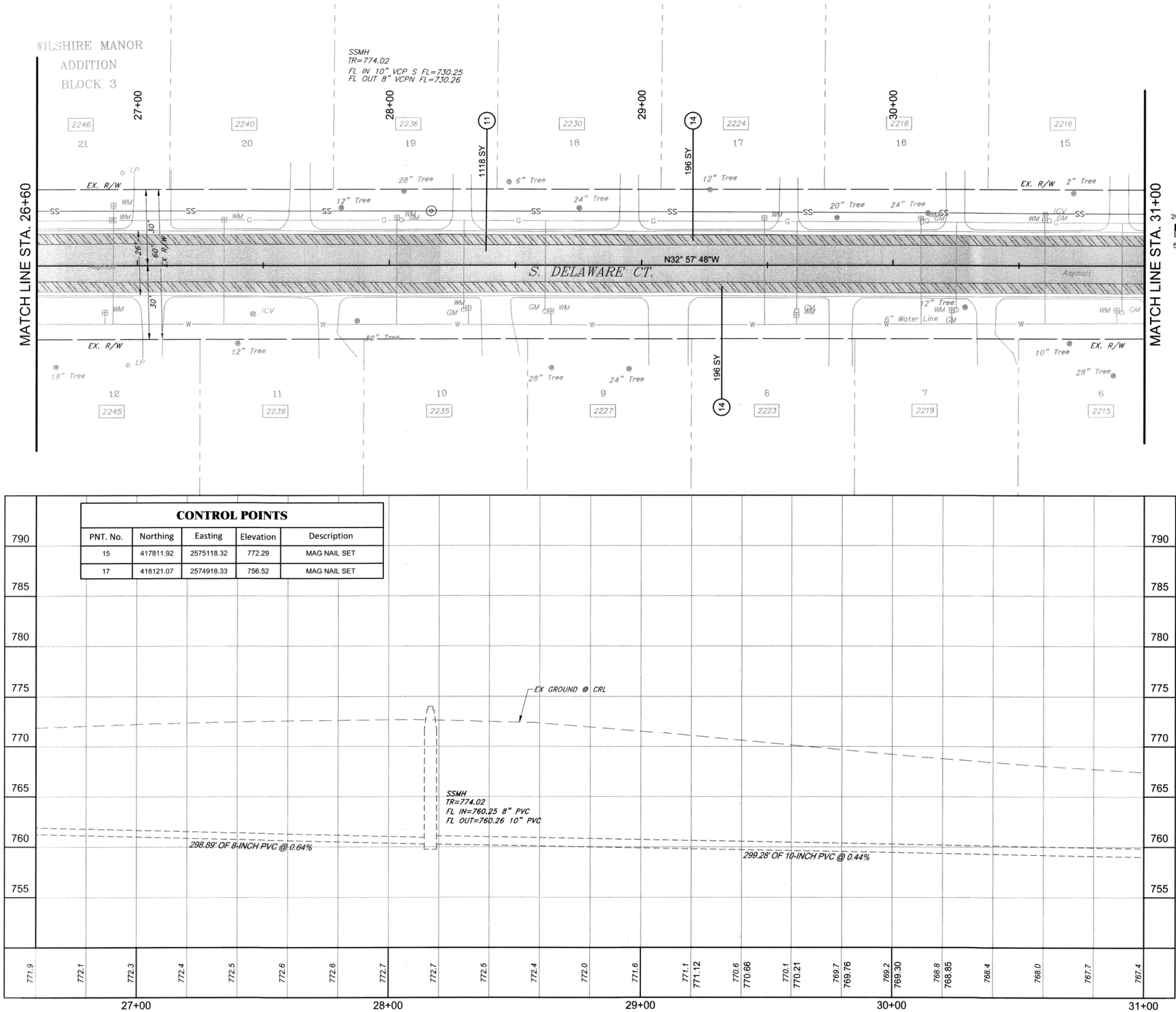
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		6/25
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		3.26

APPROVED: CITY ENGINEER

FILE: DRAWING:
ATLAS PAGE NO: 12, 32
DATE: 11/4/2026
SHEET 36 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\SHEETS SOUTH\762-PP36 (DELAWARE CT).dwg, 250603 - 12:38 PM, DEP



Bench Mark #16
CHISELED SQUARE, TLS CONTROL N=417788.88 E=2575116.72 ELEV. 772.69

Bench Mark #18
CHISELED SQUARE, TLS CONTROL N=418105.37 E=2574905.90 ELEV. 767.86

1 inch = 20 ft. (HORIZ)

20 0 20 40

5 0 5 10

1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION

(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE

(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK

(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER

(5) ADJUST TO GRADE

(6) CONSTRUCT CURB RAMP

(7) CONSTRUCT TRUNCATED DOMES

(8) CONSTRUCT MANHOLE

(9) CONSTRUCT INLET

(10) REMOVE INLET

(11) ASPHALT OVERLAY

(12) REMOVE AND REPLACE MANHOLE

(13) SOLID SLAB SOD

(14) 4' EDGE MILL

PROJECT LIMITS

(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

OKLAHOMA PROFESSIONAL ENGINEER — Daniel E. Polasek — No. 24920 — LICENSED

6/3/2025

REVISION	BY	DATE

DELAWARE CT PLAN & PROFILE (5 OF 7)

PROJ. 2036 N 4022Z

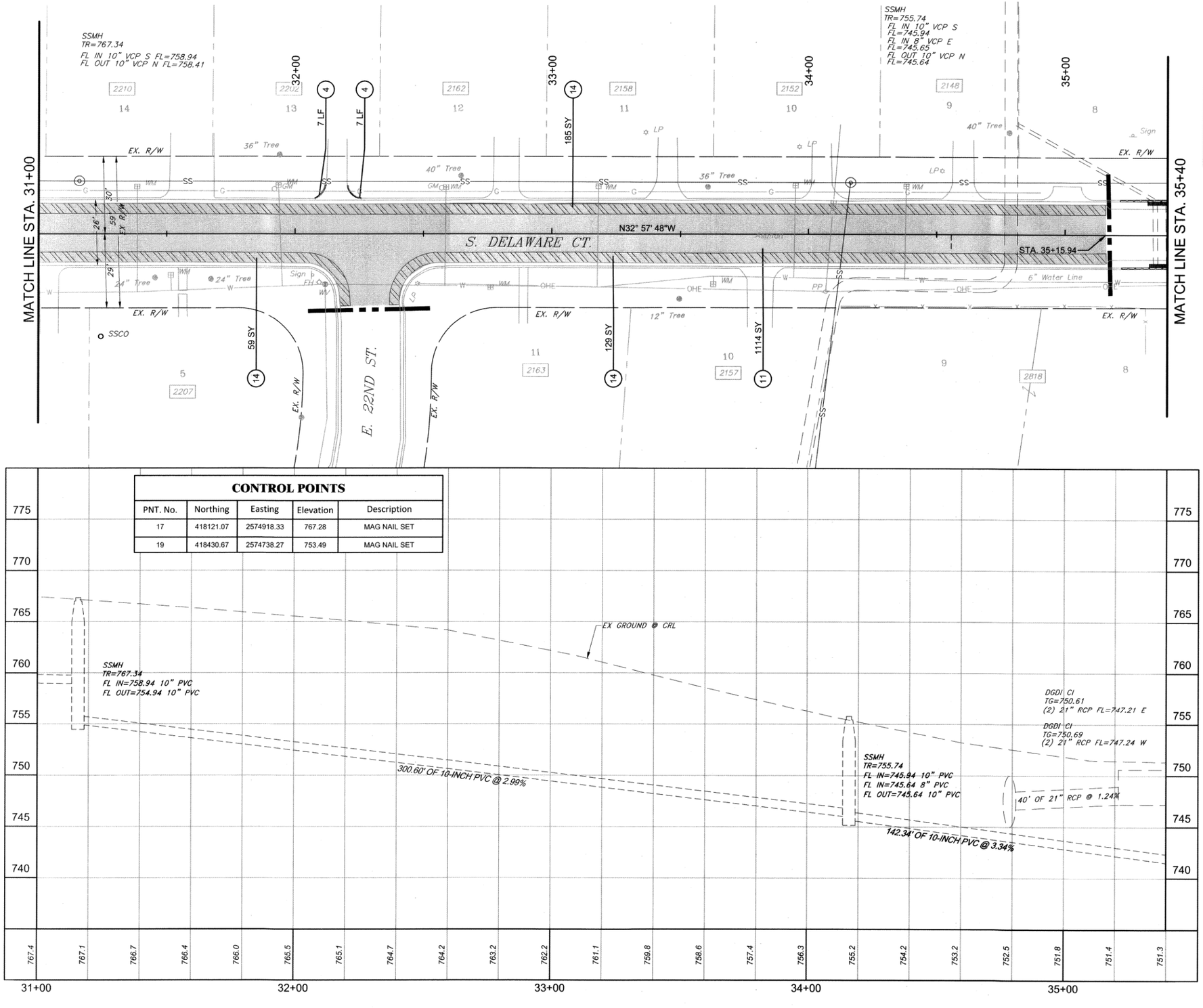
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.	DP	6/25	
HORIZONTAL: 1"=20'	LEAD ENGR.	DP	2/25	
	FIELD MGR.	BKL	3/26	
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	DP 11/26 HAS 3-26		CITY ENGINEER
FILE:	DRAWING:			DATE: 11/4/2026
ATLAS PAGE NO: 12, 32				SHEET 37 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
17	418121.07	2574918.33	767.28	MAG NAIL SET
19	418430.67	2574738.27	753.49	MAG NAIL SET

Bench Mark #18

CHISELED SQUARE,
TLS CONTROL
N=418105.37
E=2574905.90
ELEV. 767.86

Bench Mark #20

CHISELED SQUARE,
TLS CONTROL
N=418510.24
E=2574618.46
ELEV. 750.31

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) 4' EDGE MILL
PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polaski
No. 24920
OKLAHOMA
6/3/2025

DELAWARE CT PLAN & PROFILE (6 OF 7)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

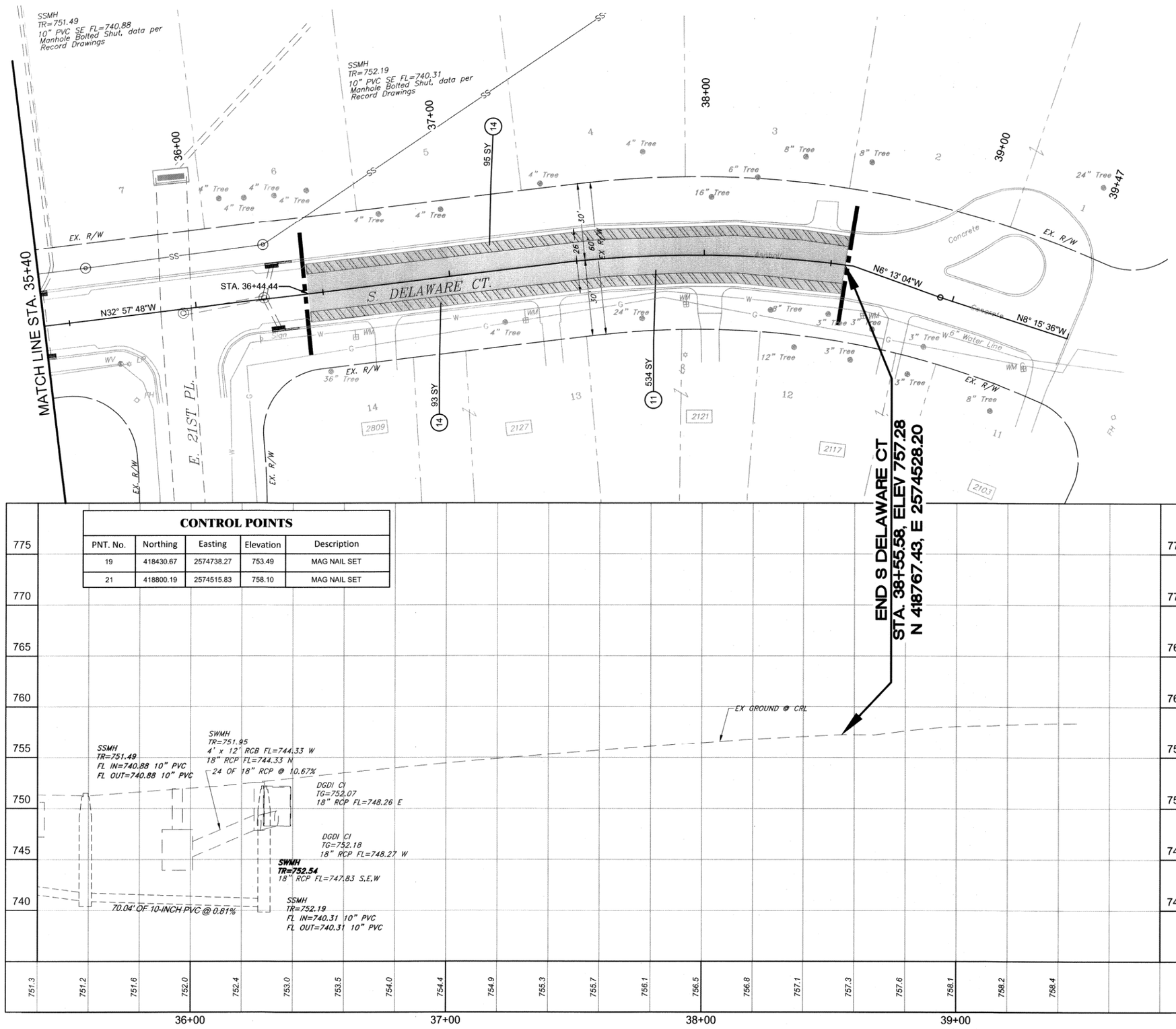
REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		3/26
	FIELD MGR.		2/2021
VERTICAL: 1"=5'	RECOMMENDED DESIGN MANAGER		

APPROVED:
CITY ENGINEER

FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: 12, 32
SHEET 38 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\SHEETS SOUTH\762-PP36 (DELAWARE CT).dwg, 250603 - 12:38 PM, DEP



CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
19	418430.67	2574738.27	753.49	MAG NAIL SET
21	418800.19	2574515.83	758.10	MAG NAIL SET

Bench Mark #20

CHISELED SQUARE,
TLS CONTROL
N=418510.24
E=2574618.46
ELEV. 750.31

Bench Mark #22

CHISELED SQUARE,
TLS CONTROL
N=418754.04
E=2574507.17
ELEV. 757.57

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
M. 24920
OKLAHOMA
6/3/2025

DELAWARE CT PLAN & PROFILE (7 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

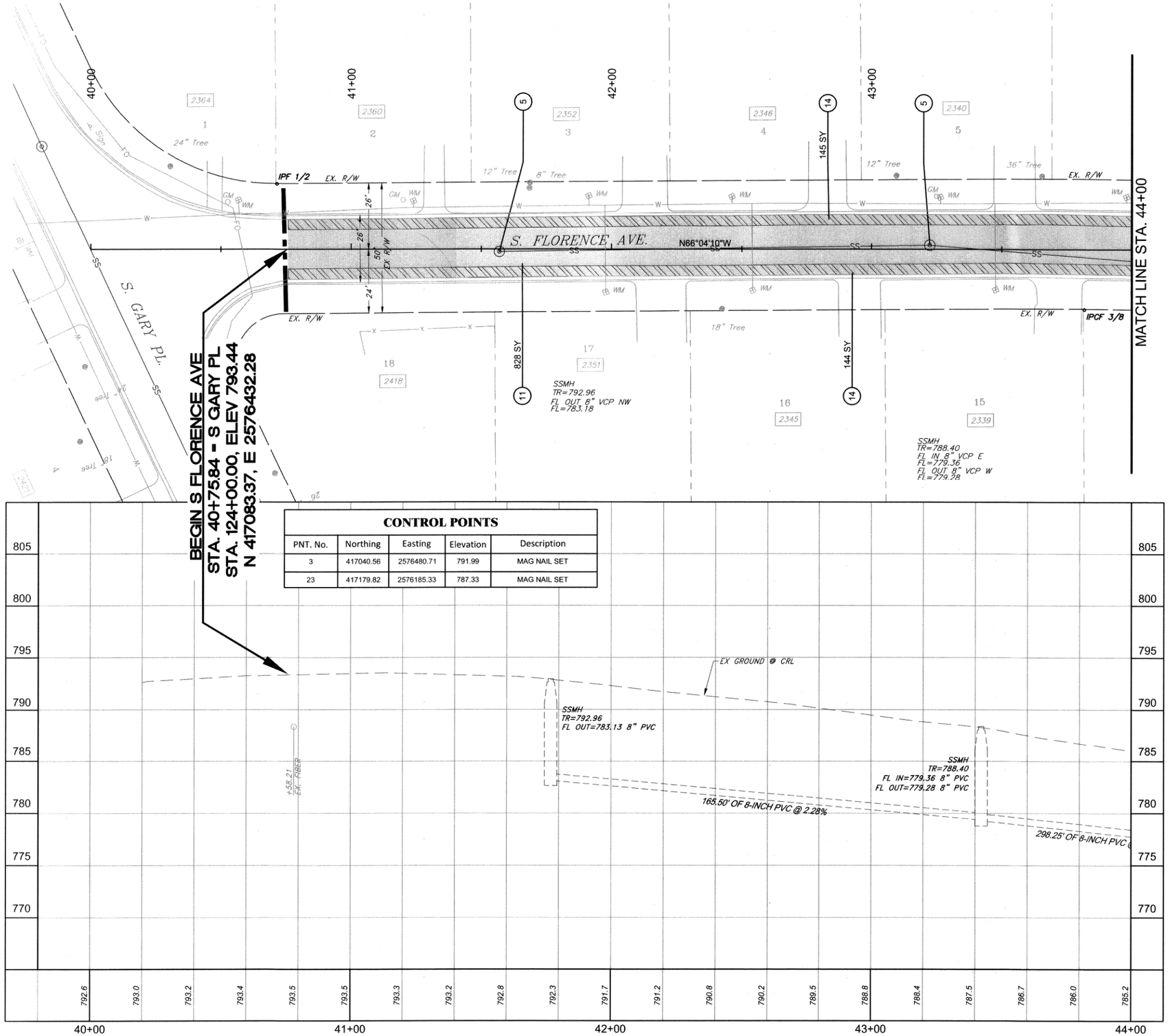
REVISION	BY	DATE

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	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		5/26
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		11/26

APPROVED: CITY ENGINEER

FILE: DRAWING:
ATLAS PAGE NO: 12, 32
DATE: 11/4/2026
SHEET 39 OF 108 SHEETS

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Bench Mark #24
CHISELED SQUARE, TLS CONTROL N=417211.45 E=2576084.22 ELEV. 783.64

Bench Mark #26
CHISELED SQUARE, TLS CONTROL N=417371.35 E=2575837.49 ELEV. 776.02

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) 4' EDGE MILL

PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER — Daniel E. Polasek — 24920 — OKLAHOMA
6/3/2025

REVISION	BY	DATE

S FLORENCE AVE PLAN & PROFILE (1 OF 6)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

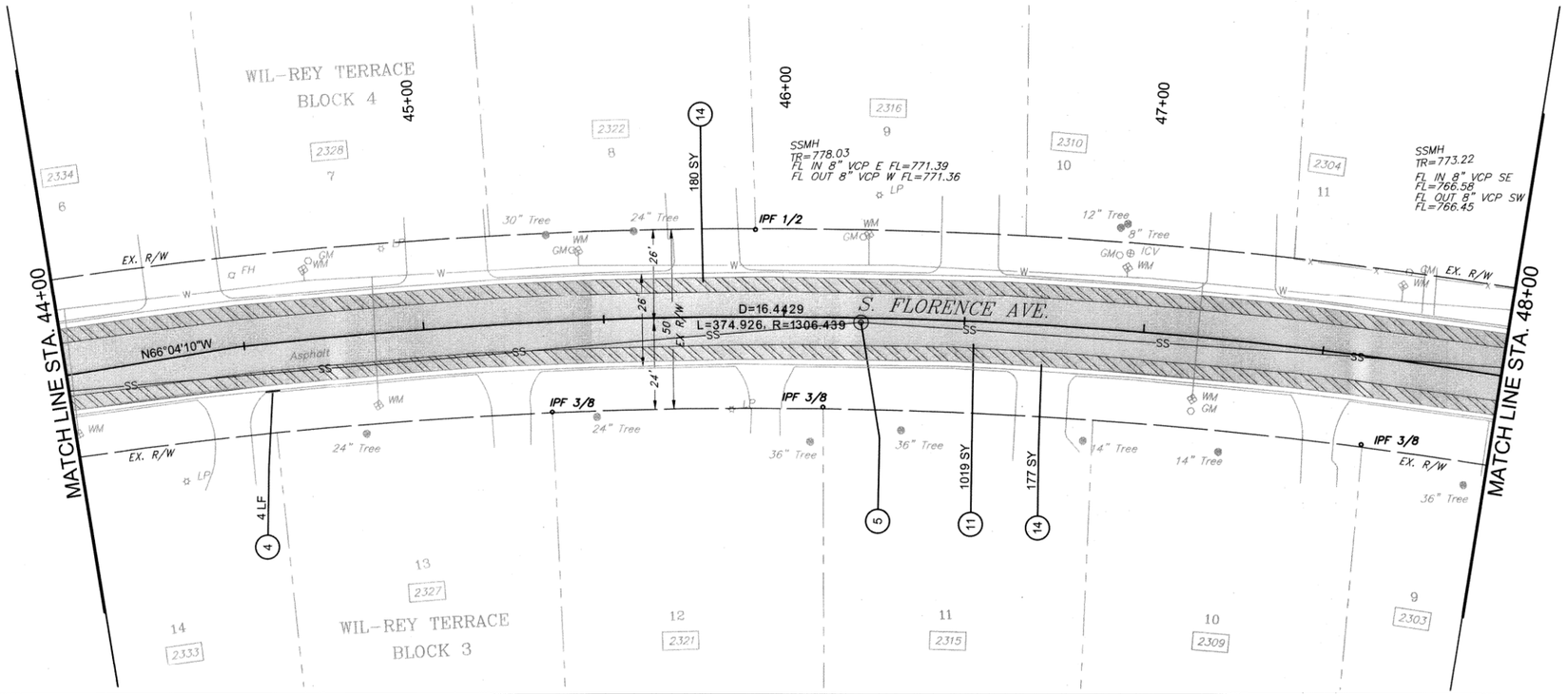
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

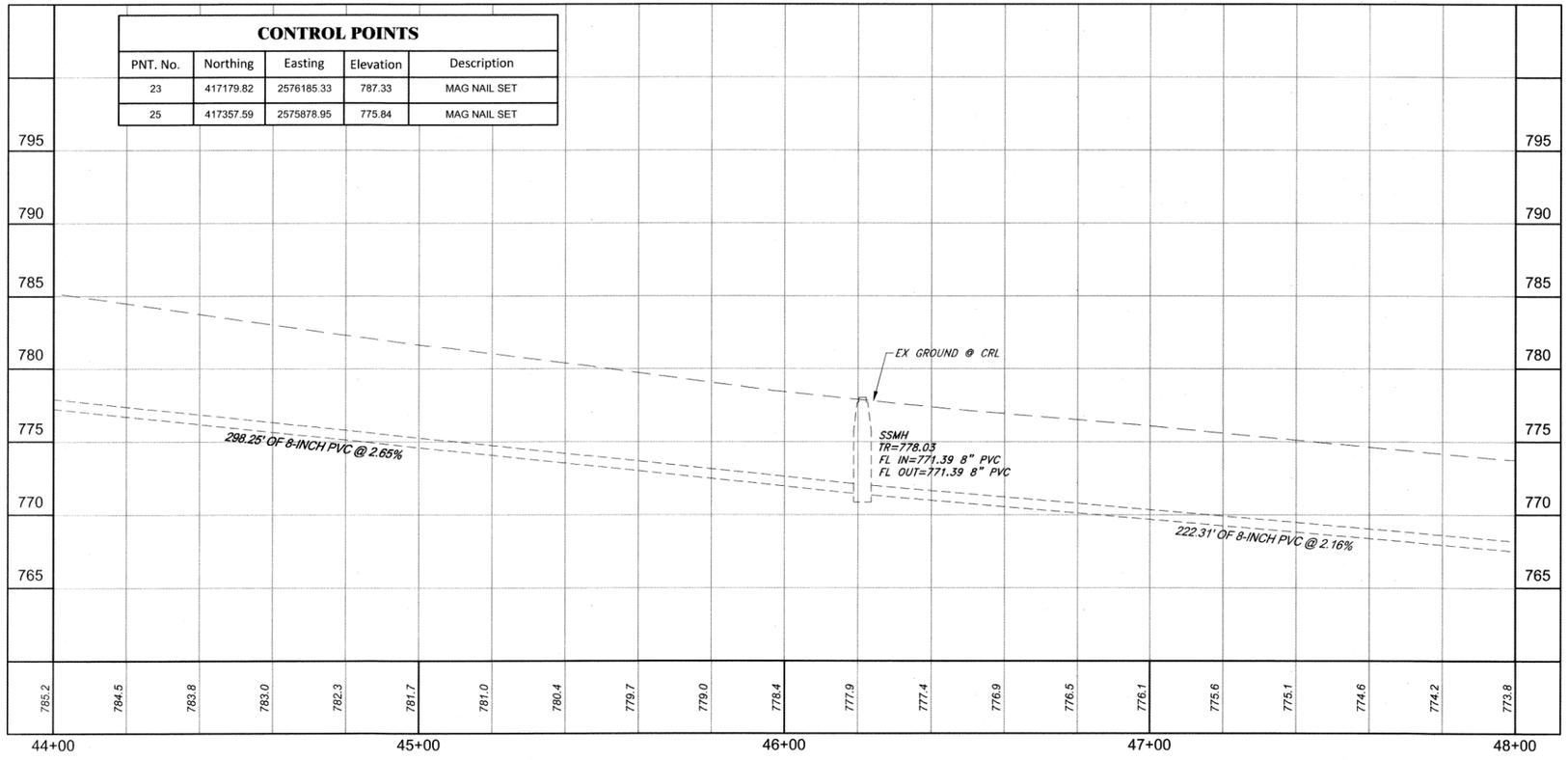
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		3/26
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	HAS	8-26

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026
ATLAS PAGE NO: 12, 32 SHEET 40 OF 108 SHEETS

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Bench Mark #24	Bench Mark #26
CHISELED SQUARE, TLS CONTROL N=417211.45 E=2576084.22 ELEV. 783.64	CHISELED SQUARE, TLS CONTROL N=417371.35 E=2575837.49 ELEV. 776.02

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

- PROJECT LIMITS
- 1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
M. 24920
OKLAHOMA
6/3/2025

S FLORENCE AVE PLAN & PROFILE (2 OF 6)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

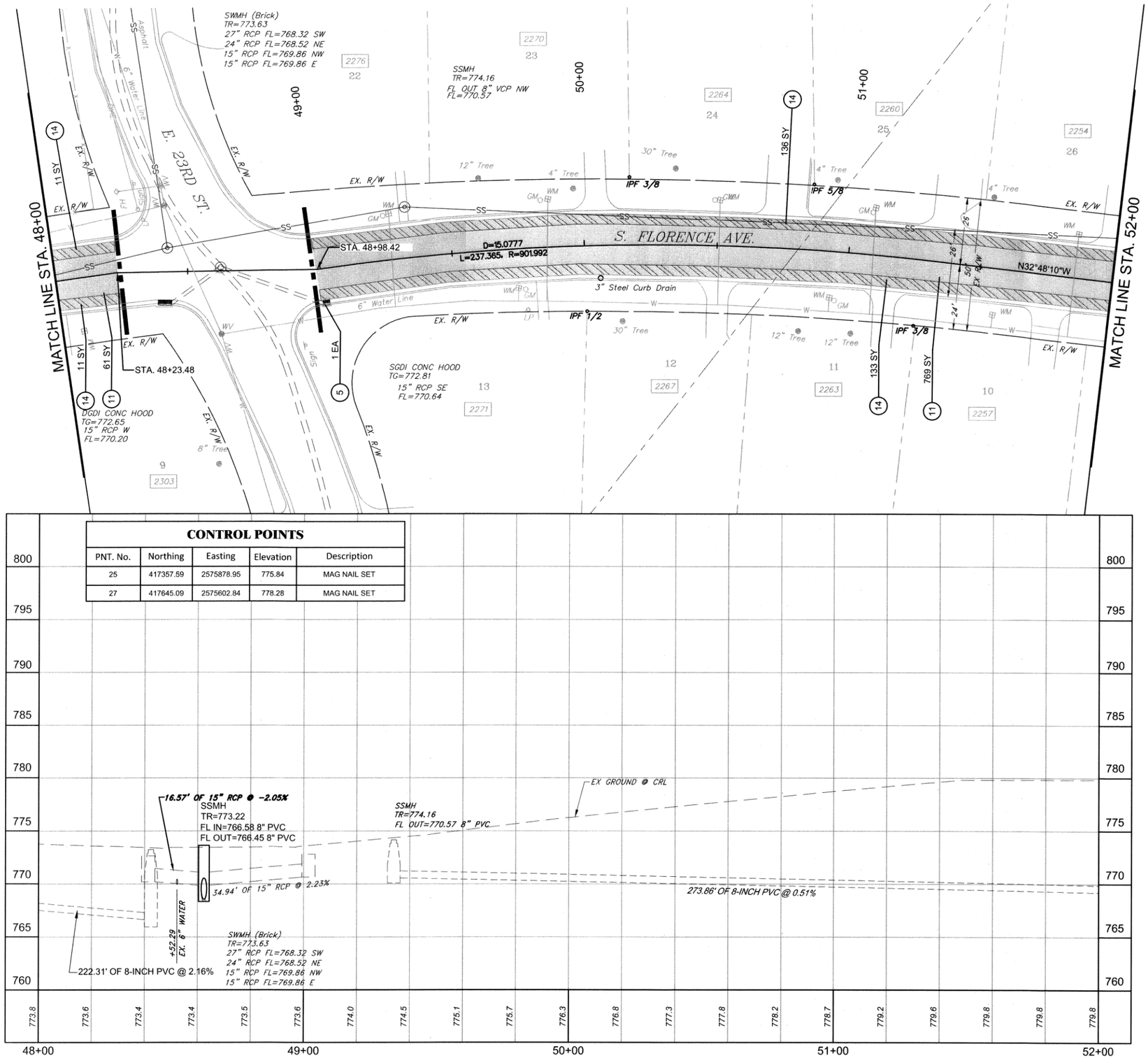
REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		3/26
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		3.26

APPROVED: CITY ENGINEER

FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: 12, 32
SHEET 41 OF 108 SHEETS

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CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
25	417357.59	2575878.95	775.84	MAG NAIL SET
27	417645.09	2575602.84	778.28	MAG NAIL SET

Bench Mark #26
CHISELED SQUARE, TLS CONTROL N=417371.35 E=2575837.49 ELEV. 776.02

Bench Mark #28
CHISELED SQUARE, TLS CONTROL N=417678.74 E=2575615.53 ELEV. 779.39

1 inch = 20 ft. (HORIZ)

20 0 20 40

5 0 5 10

1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) 4' EDGE MILL

PROJECT LIMITS

(1111) NEAREST ADDRESS

PROFILE LEGEND

(1) PROP. MANHOLE
(2) PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

S FLORENCE AVE PLAN & PROFILE (3 OF 6)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

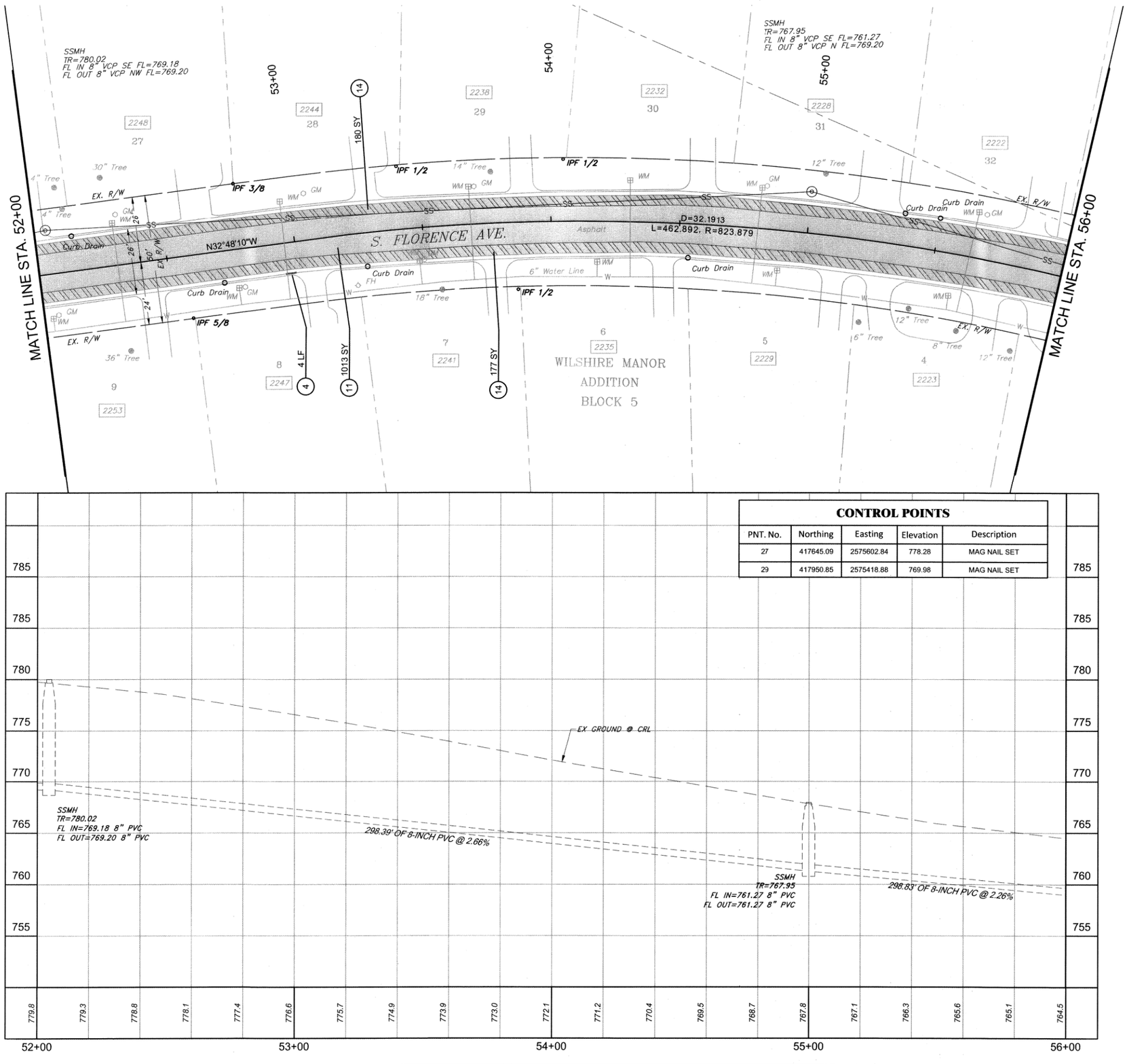
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		6/26
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		HAS 3-26

APPROVED:
CITY ENGINEER

FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: 12, 32
SHEET 42 OF 108 SHEETS

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Bench Mark #28

CHISELED SQUARE,
TLS CONTROL
N=417678.74
E=2575615.53
ELEV. 779.39

Bench Mark #30

CHISELED SQUARE,
TLS CONTROL
N=417965.73
E=2575448.15
ELEV. 770.64

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

S FLORENCE AVE PLAN & PROFILE (4 OF 6)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

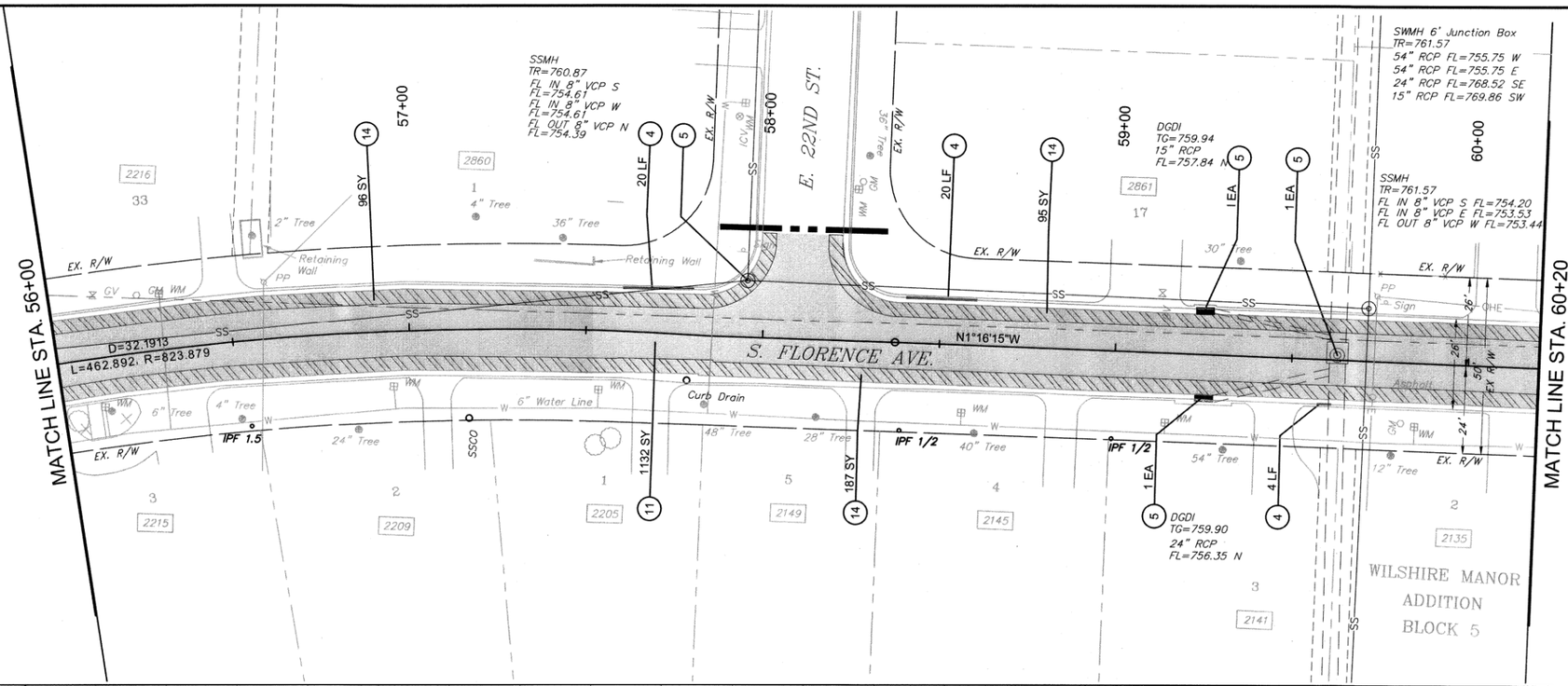
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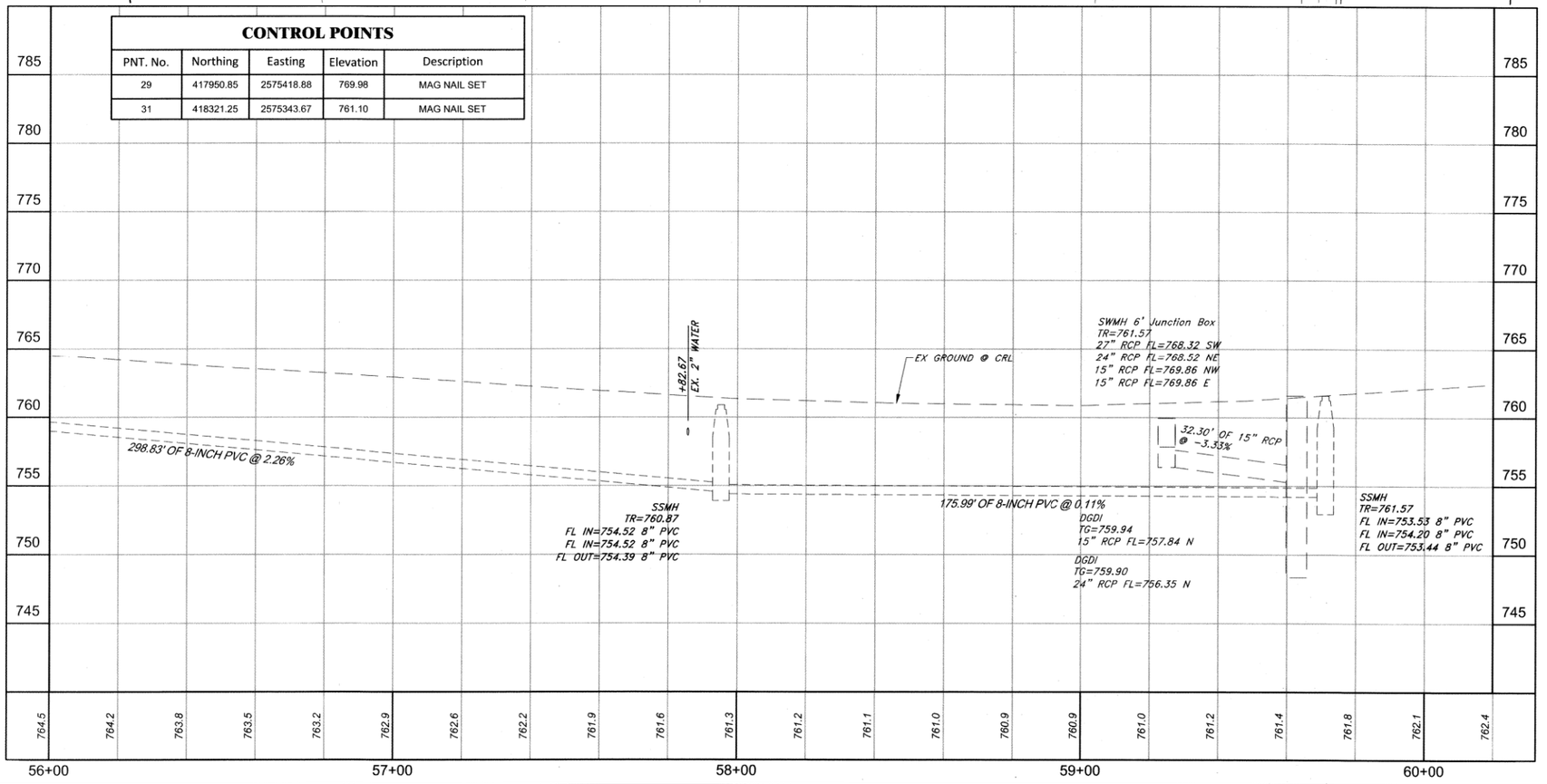
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	DP	6/25
HORIZONTAL: 1"=20'	LEAD ENGR.	DP	6/25
	FIELD MGR.	Cam Ryan	6/25
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	RONNIE HAAS	3-26

APPROVED:
CITY ENGINEER

FILE: DRAWING:
DATE: 11/3/2026
ATLAS PAGE NO: 12, 32
SHEET 43 OF 108 SHEETS

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Bench Mark #30

CHISELED SQUARE,
TLS CONTROL
N=417965.73
E=2575448.15
ELEV. 770.64

Bench Mark #32

CHISELED SQUARE,
TLS CONTROL
N=418416.34
E=2575335.38
ELEV. 761.10

1 inch = 20 ft. (HORIZ)

1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) 4' EDGE MILL

PROJECT LIMITS

(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

Daniel E. Polasek
LICENSED PROFESSIONAL ENGINEER
24920
OKLAHOMA
6/3/2025

S FLORENCE AVE PLAN & PROFILE (5 OF 6)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

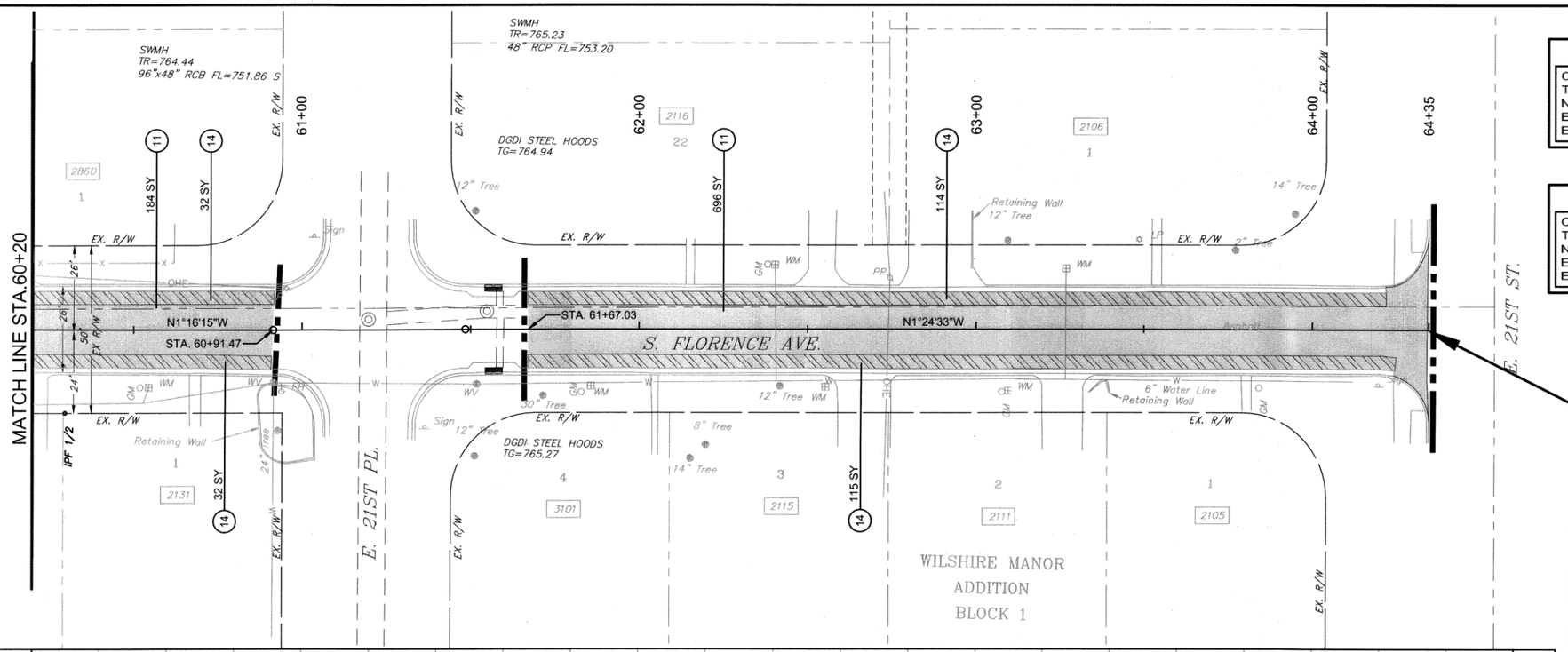
REVISION	BY	DATE

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	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.	DP	6/25
	LEAD ENGR.	BK	3/26
	FIELD MGR.		
	RECOMMENDED: DESIGN MANAGER	HLS	3-26

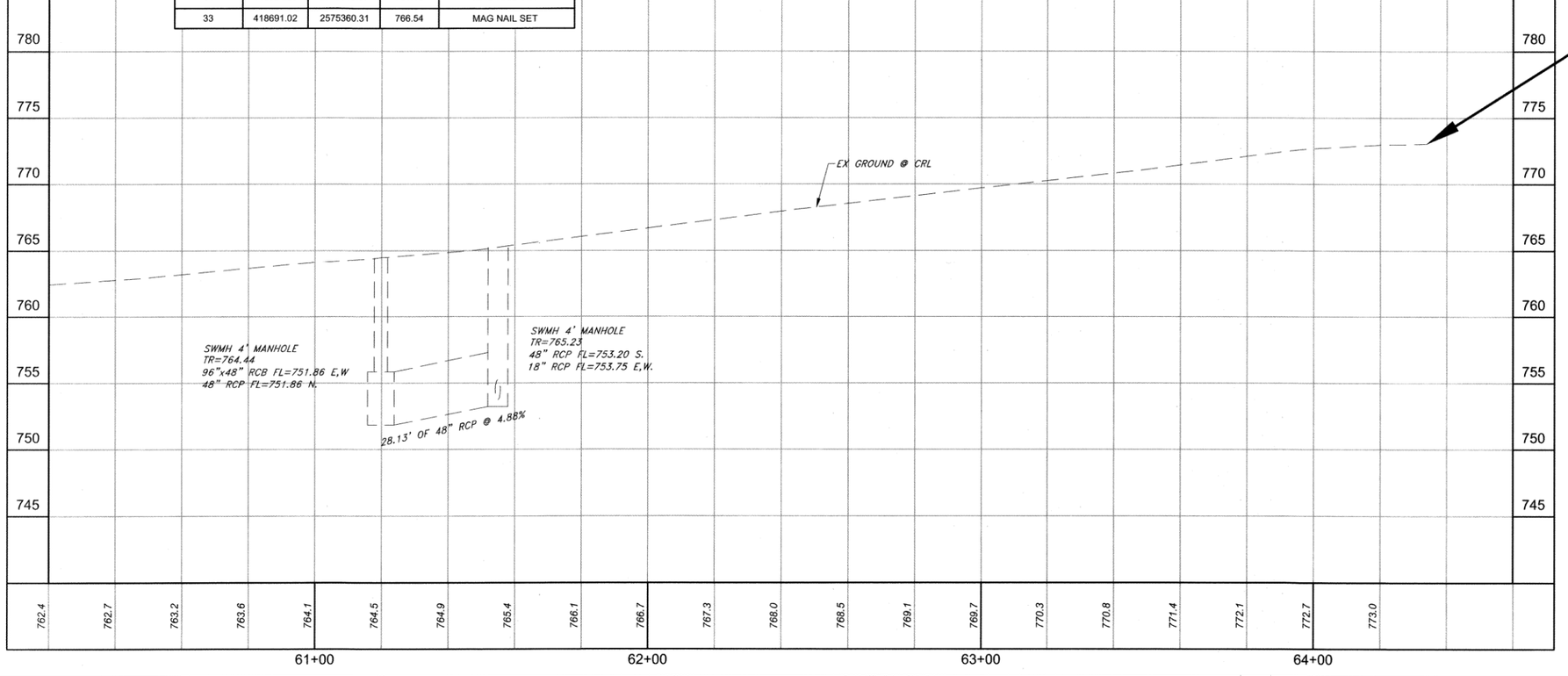
APPROVED: CITY ENGINEER

FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: 12, 32
SHEET 44 OF 108 SHEETS

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CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
31	418321.25	2575343.67	761.10	MAG NAIL SET
33	418691.02	2575360.31	766.54	MAG NAIL SET



END S. FLORENCE AVE.
STA. 64+34.14, ELEV 773.07
N 418933.43, E 2575346.06

Bench Mark #32

CHISELED SQUARE,
TLS CONTROL
N=418416.34
E=2575335.38
ELEV. 761.10

Bench Mark #34

CHISELED SQUARE,
TLS CONTROL
N=418924.37
E=2575374.79
ELEV. 773.99

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL
- (1) FULL DEPTH PATCH / RECONSTRUCTION
- (2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
- (3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
- (4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
- (5) ADJUST TO GRADE
- (6) CONSTRUCT CURB RAMP
- (7) CONSTRUCT TRUNCATED DOMES
- (8) CONSTRUCT MANHOLE
- (9) CONSTRUCT INLET
- (10) REMOVE INLET
- (11) ASPHALT OVERLAY
- (12) REMOVE AND REPLACE MANHOLE
- (13) SOLID SLAB SOD
- (14) 4' EDGE MILL
- PROJECT LIMITS
- (1111) NEAREST ADDRESS

PROFILE LEGEND

- 1 PROP. MANHOLE
- 2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

S FLORENCE AVE PLAN & PROFILE (6 OF 6)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

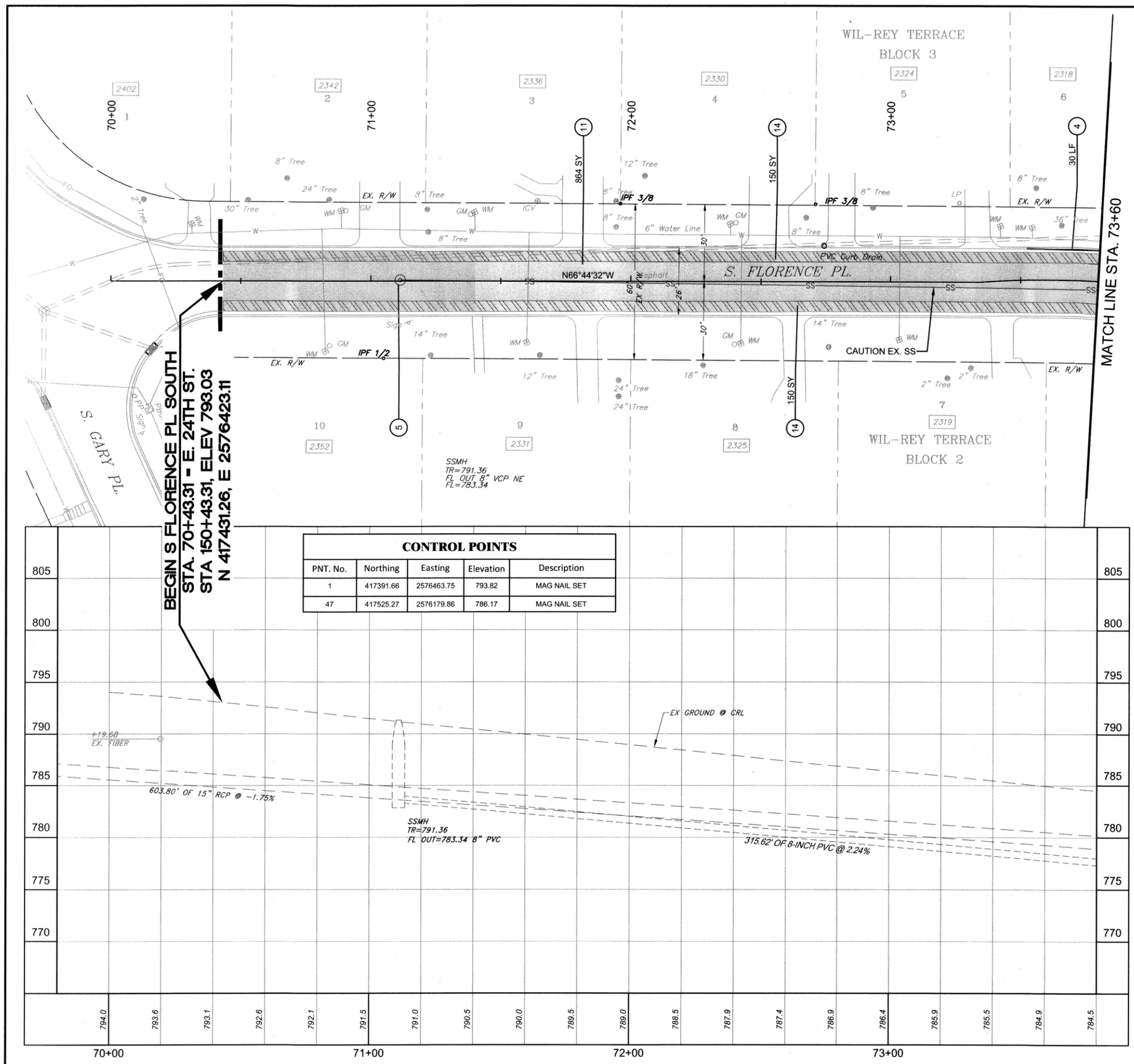
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	DEP	6/25
HORIZONTAL: 1"=20'	LEAD ENGR.	DEP	6/25
	FIELD MGR.		9/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	HLS	11-26

APPROVED:
CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026
ATLAS PAGE NO: 12, 32 SHEET 45 OF 108 SHEETS

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CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
1	417391.66	2576463.75	793.82	MAG NAIL SET
47	417525.27	2576179.86	786.17	MAG NAIL SET

Bench Mark #48
CHISELED SQUARE,
TLS CONTROL
N=417541.72
E=2576227.40
ELEV. 787.61

Bench Mark #46
FH TOP OF NUT,
TLS CONTROL
N=417708.91
E=2575985.30
ELEV. 778.29

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
No. 24920
OKLAHOMA
6/3/2025

FLORENCE PL SOUTH PLAN & PROFILE (1 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

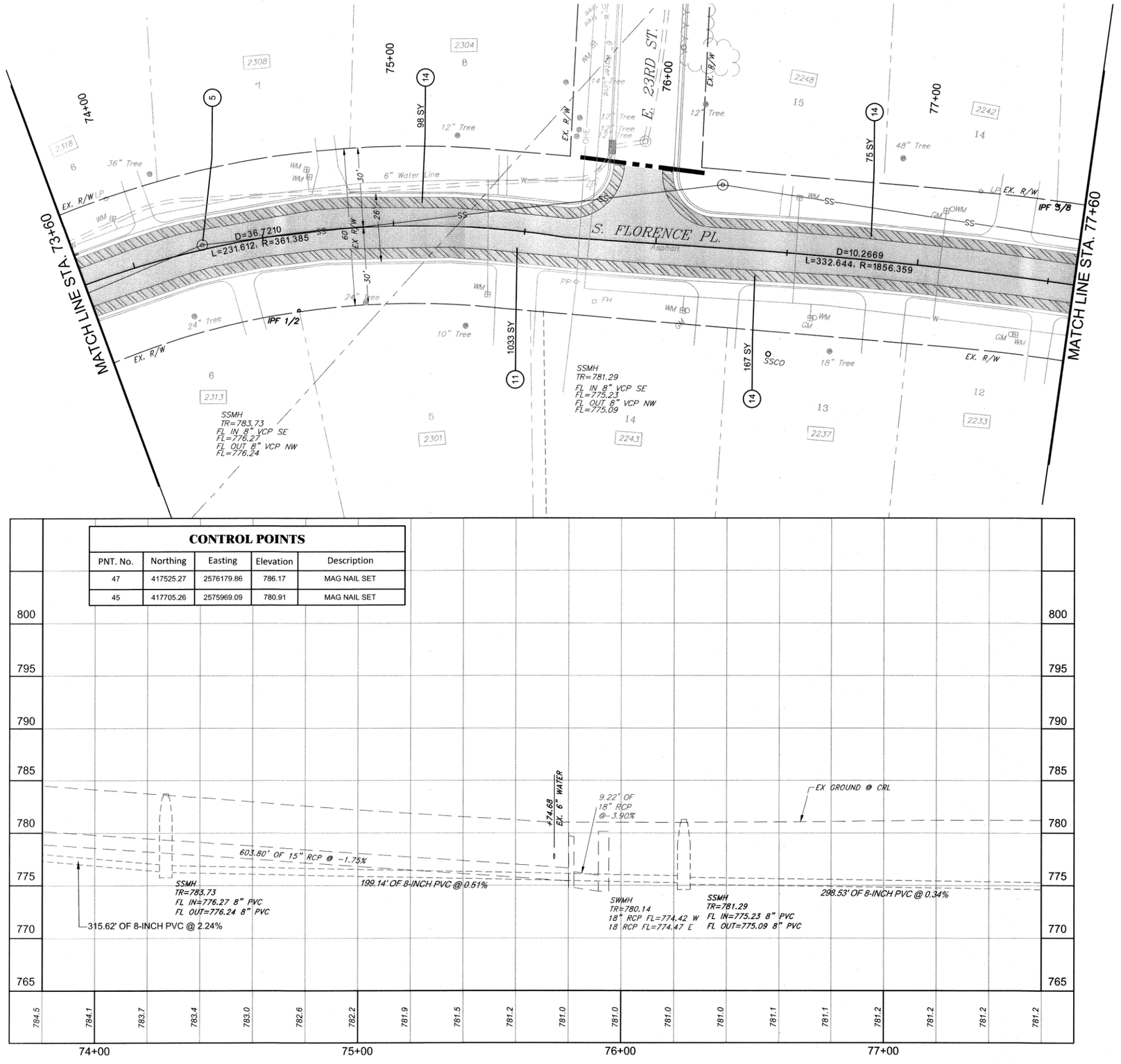
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		10/26.
VERTICAL: 1"=5'	FIELD MGR.		9/26
	RECOMMENDED: DESIGN MANAGER		

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 46 OF 108 SHEETS

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Bench Mark #48
CHISELED SQUARE, TLS CONTROL N=417541.72 E=2576227.40 ELEV. 787.61

Bench Mark #46
FH TOP OF NUT, TLS CONTROL N=417708.91 E=2575985.30 ELEV. 778.29

1 inch = 20 ft. (HORIZ)

20 0 20 40

5 0 5 10

1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER — Daniel E. Polasek — 24920 — OKLAHOMA

6/3/2025

REVISION	BY	DATE

FLORENCE PL SOUTH PLAN & PROFILE (2 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

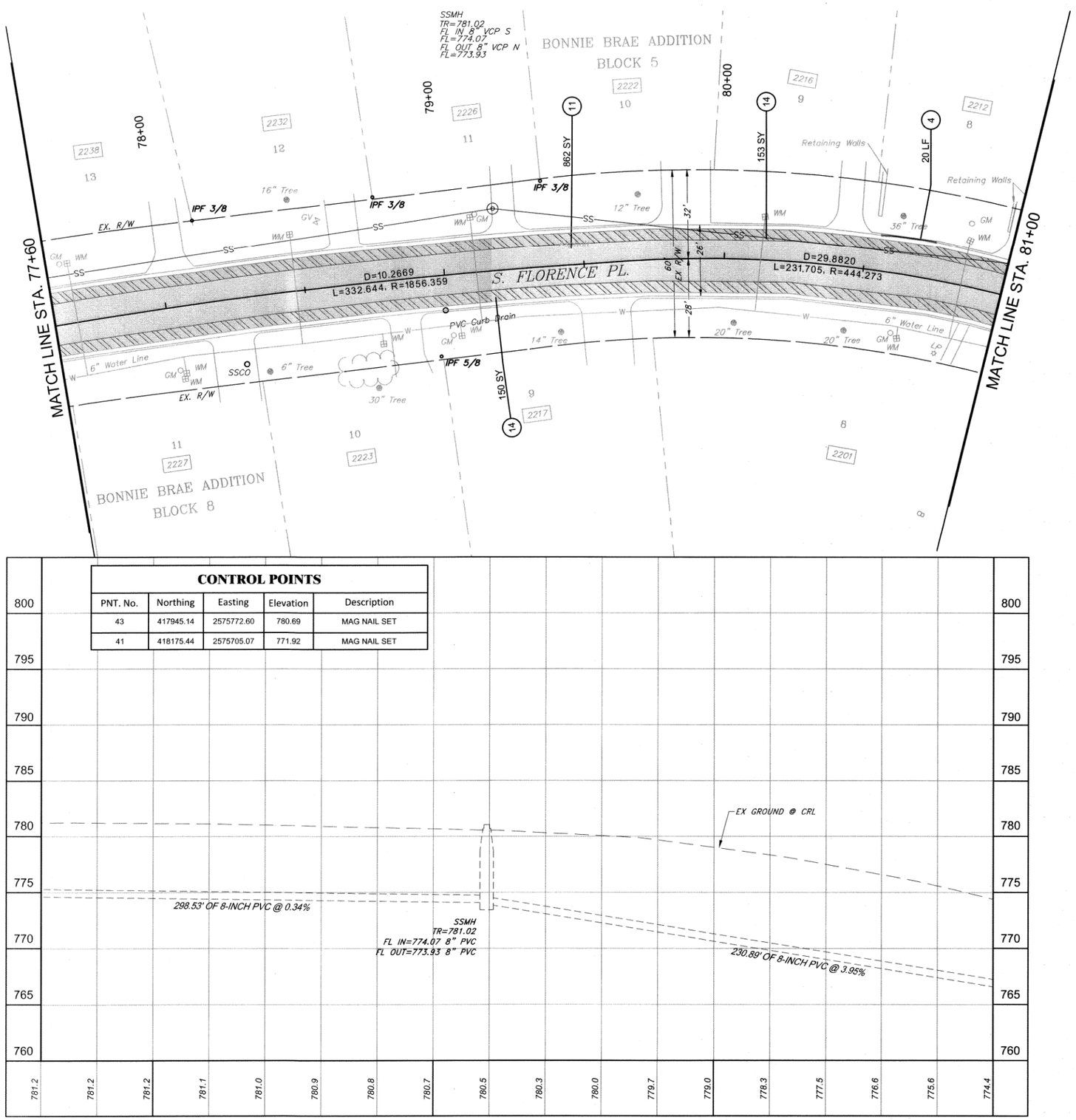
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.		6/25	
HORIZONTAL: 1"=20'	LEAD ENGR.		6/26	
	FIELD MGR.		3/26	
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	HAS	3-26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 47 OF 108 SHEETS

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Bench Mark #42

CHISELED SQUARE,
TLS CONTROL
N=418180.98
E=2575733.78
ELEV. 772.15

Bench Mark #44

CHISELED SQUARE,
TLS CONTROL
N=417956.11
E=2575728.99
ELEV. 782.11

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA

6/3/2025

REVISION	BY	DATE

FLORENCE PL SOUTH PLAN & PROFILE (3 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

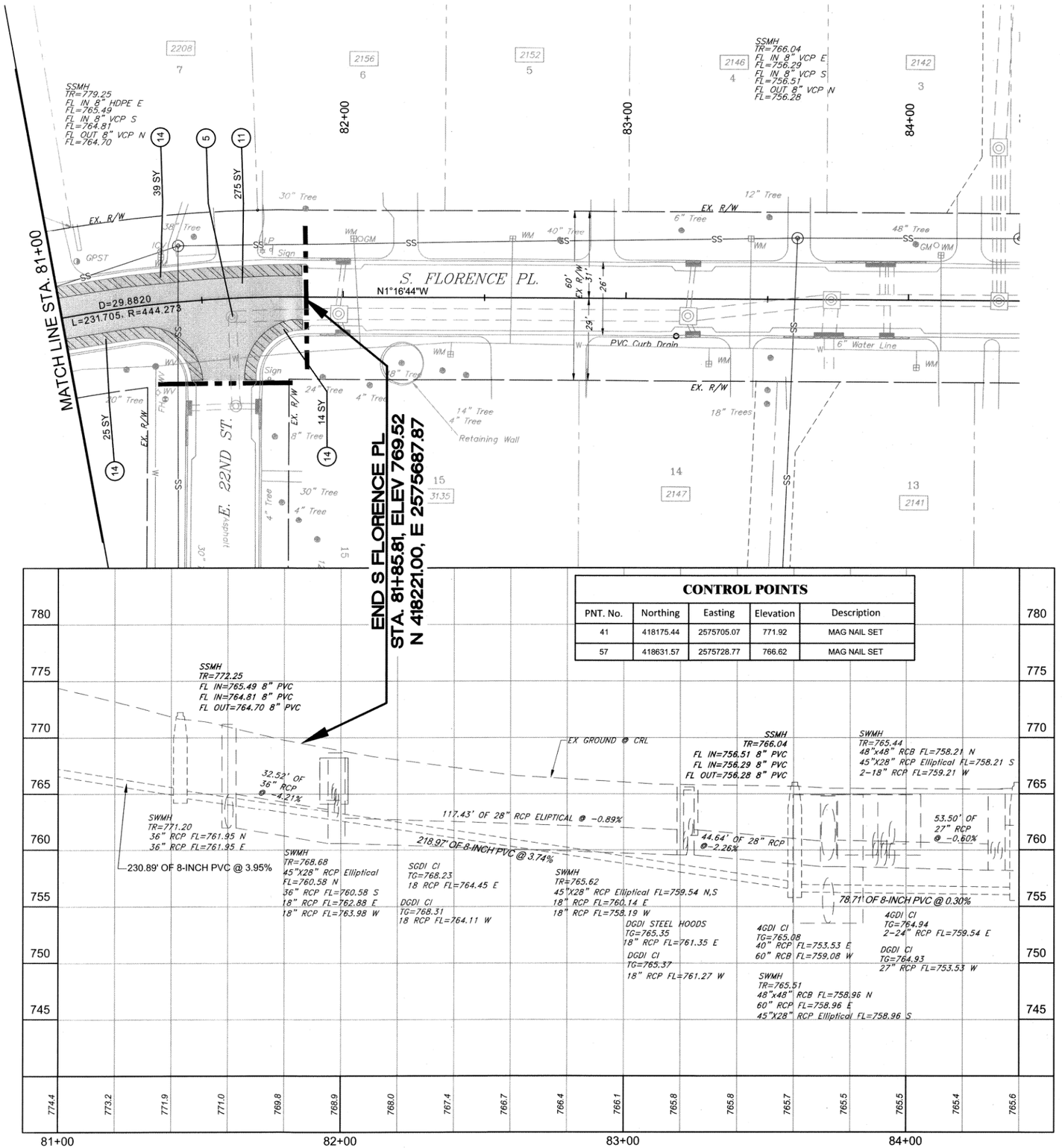
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		
HORIZONTAL: 1"=20'	LEAD ENGR.		
VERTICAL: 1"=5'	FIELD MGR.		
	RECOMMENDED: DESIGN MANAGER		

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2024

ATLAS PAGE NO: 12, 32 SHEET 48 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\SHEETS SOUTH\762-PP49 (FLORENCE PL S).dwg, 250603 - 12:40 PM, DEP



CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
41	418175.44	2575705.07	771.92	MAG NAIL SET
57	418631.57	2575728.77	766.62	MAG NAIL SET

Bench Mark #42

CHISELED SQUARE,
TLS CONTROL
N=418180.98
E=2575733.78
ELEV. 772.15

Bench Mark #58

CHISELED SQUARE,
TLS CONTROL
N=418608.31
E=2575725.23
ELEV. 766.58

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL
- (1) FULL DEPTH PATCH / RECONSTRUCTION
- (2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
- (3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
- (4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
- (5) ADJUST TO GRADE
- (6) CONSTRUCT CURB RAMP
- (7) CONSTRUCT TRUNCATED DOMES
- (8) CONSTRUCT MANHOLE
- (9) CONSTRUCT INLET
- (10) REMOVE INLET
- (11) ASPHALT OVERLAY
- (12) REMOVE AND REPLACE MANHOLE
- (13) SOLID SLAB SOD
- (14) 4' EDGE MILL
- PROJECT LIMITS
- (1111) NEAREST ADDRESS

PROFILE LEGEND

- [1] PROP. MANHOLE
- [2] PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

FLORENCE PL SOUTH PLAN & PROFILE (4 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

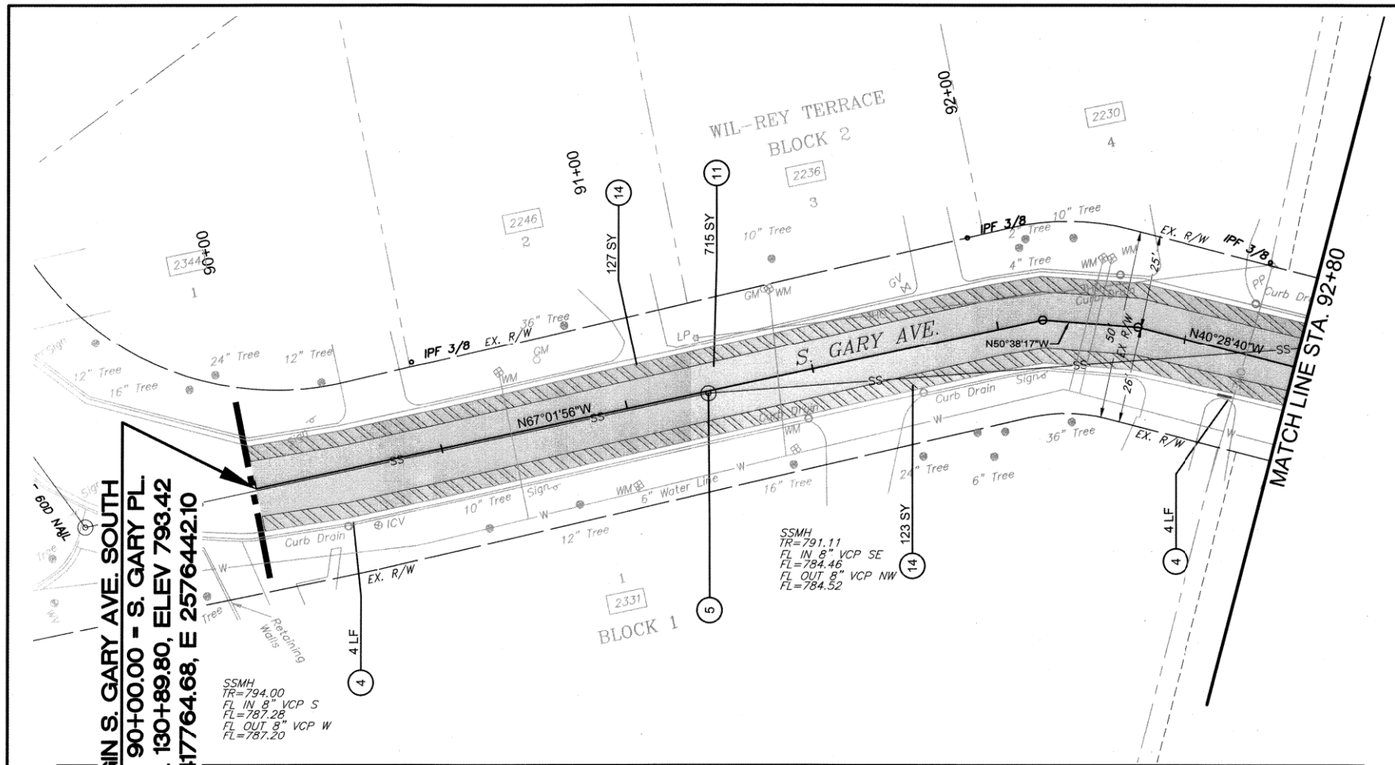
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	DEP	6/3/25
HORIZONTAL: 1"=20'	LEAD ENGR.		
	FIELD MGR.		
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/3/2026

ATLAS PAGE NO: 12, 32 SHEET 49 OF 108 SHEETS

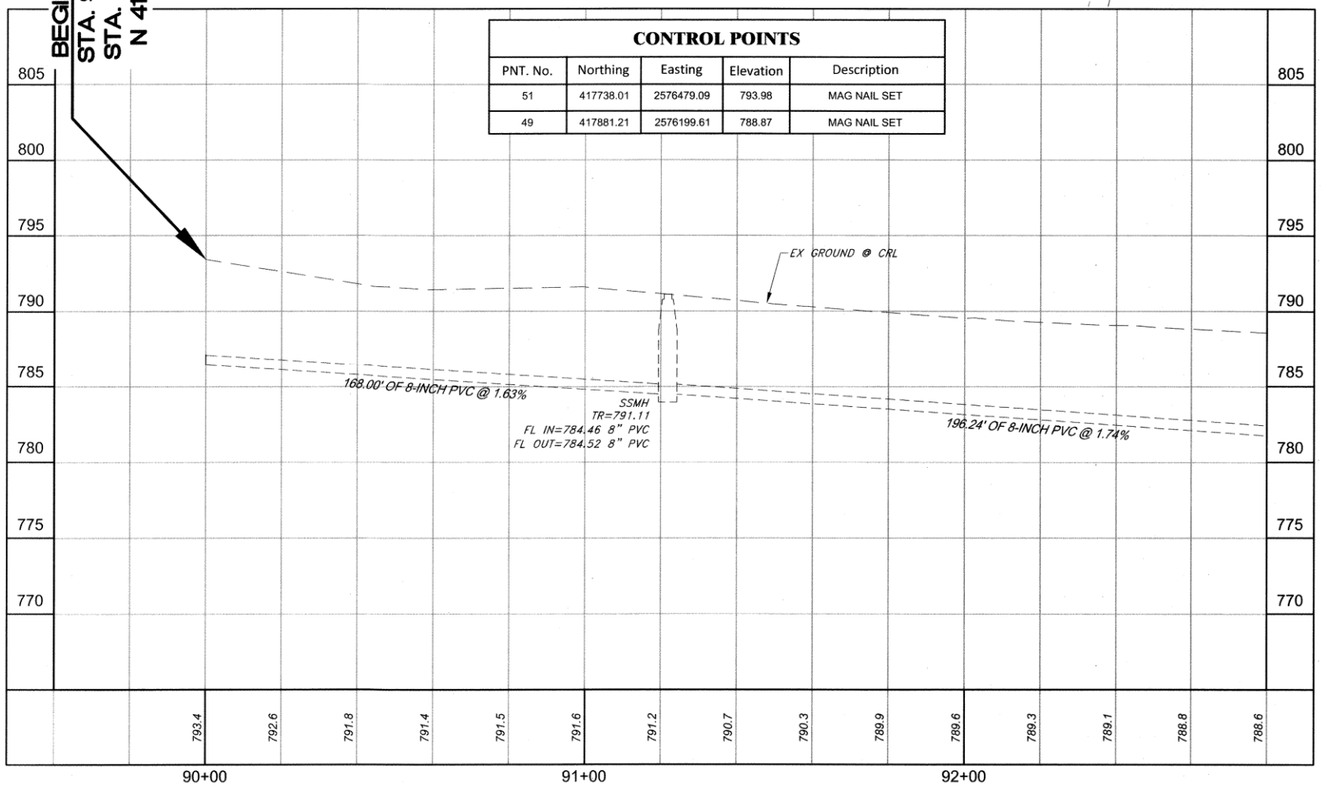
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BEGIN S. GARY AVE. SOUTH
STA. 90+00.00 - S. GARY PL.
STA. 130+89.80, ELEV 793.42
N 417764.68, E 2576442.10

CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
51	417738.01	2576479.09	793.98	MAG NAIL SET
49	417881.21	2576199.61	788.87	MAG NAIL SET



Bench Mark #52

CHISELED SQUARE,
TLS CONTROL
N=417677.30
E=2576509.16
ELEV. 794.96

Bench Mark #50

CHISELED SQUARE,
TLS CONTROL
N=417895.15
E=2576229.95
ELEV. 789.16

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS
1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

GARY AVE SOUTH PLAN & PROFILE (1 OF 2)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

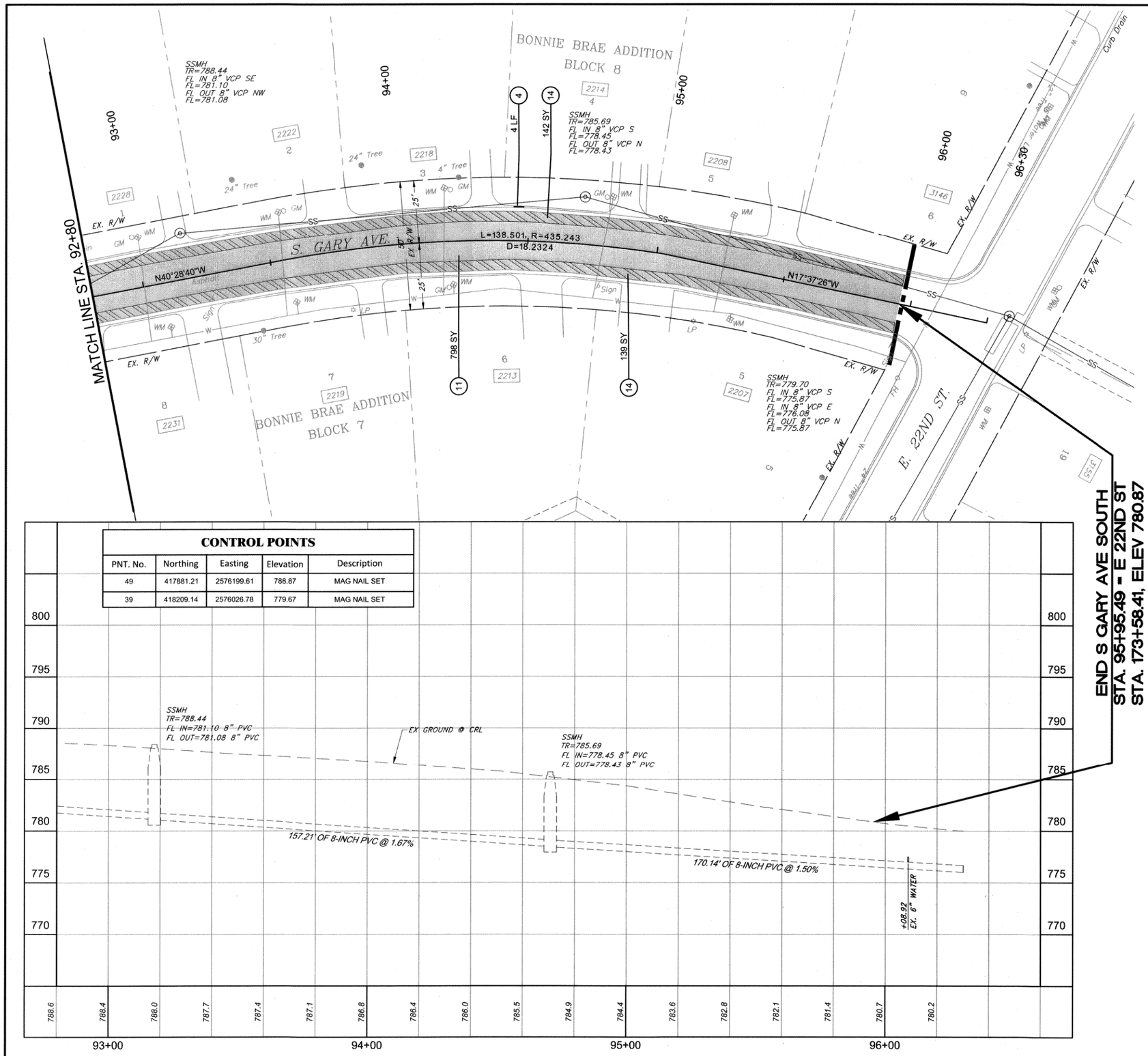
REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		6/25
VERTICAL: 1"=5'	FIELD MGR.		6/25
	RECOMMENDED: DESIGN MANAGER		

APPROVED: CITY ENGINEER

FILE: DRAWING:
ATLAS PAGE NO: 12, 32
DATE: 11/4/2025
SHEET 50 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
49	417881.21	2576199.61	788.87	MAG NAIL SET
39	418209.14	2576026.78	779.67	MAG NAIL SET

END S GARY AVE SOUTH
STA. 95+95.49 - E 22ND ST
STA. 173+58.41, ELEV 780.87
N 418167.92, E 2576048.03

Bench Mark #50	Bench Mark #40
CHISELED SQUARE, TLS CONTROL N=417895.15 E=2576229.95 ELEV. 789.16	FH TOP OF NUT, TLS CONTROL N=418181.66 E=2576073.05 ELEV. 777.14

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
No. 24920
OKLAHOMA
6/3/2025

GARY AVE SOUTH PLAN & PROFILE (2 OF 2)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

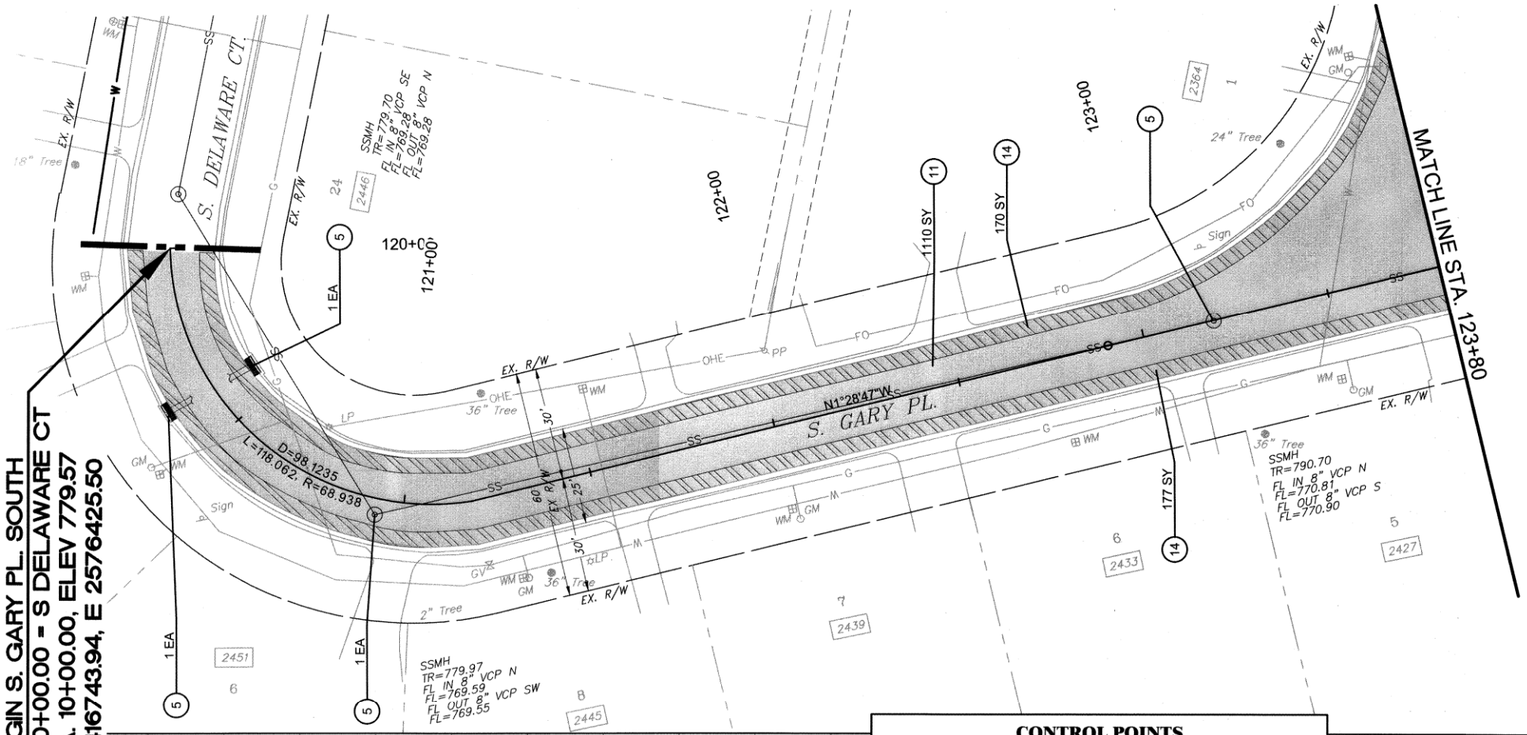
REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		3/25
VERTICAL: 1"=5'	FIELD MGR.		3/24
	RECOMMENDED: DESIGN MANAGER		

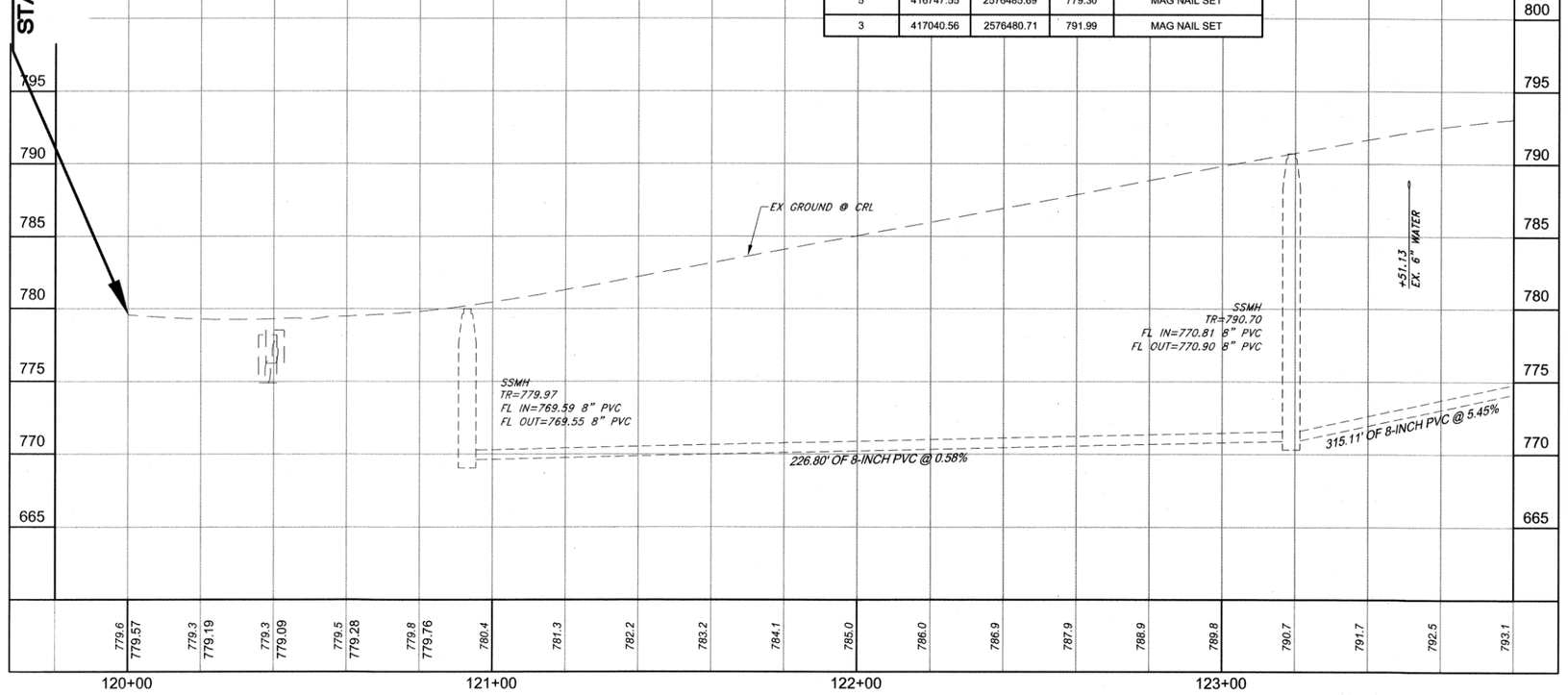
APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2024
ATLAS PAGE NO: 12, 32 SHEET 51 OF 108 SHEETS

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CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
5	416747.55	2576485.69	779.30	MAG NAIL SET
3	417040.56	2576480.71	791.99	MAG NAIL SET



Bench Mark #6
FH TOP OF NUT, TLS CONTROL N=416717.75 E=2576437.27 ELEV. 783.03

Bench Mark #4
FH TOP OF NUT, TLS CONTROL N=417085.91 E=2576526.57 ELEV. 797.12

1 inch = 20 ft. (HORIZ)

20 0 20 40

5 0 5 10

1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA

6/3/2025

REVISION	BY	DATE

GARY PL SOUTH PLAN & PROFILE (1 OF 3)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

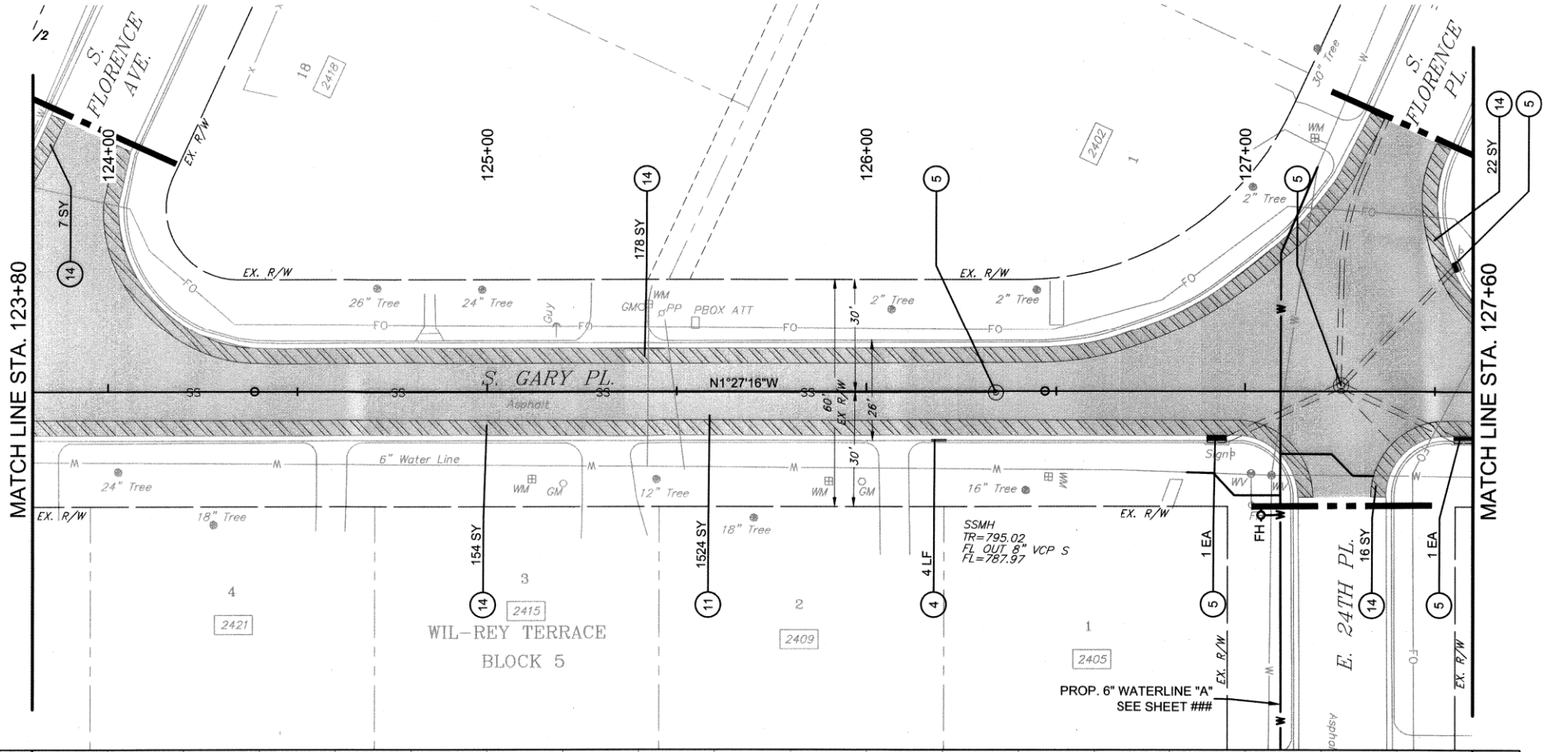
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.		6/3/25
	LEAD ENGR.		6/3/25
	FIELD MGR.		3/26
	RECOMMENDED: DESIGN MANAGER		6/3/26

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/3/2026

ATLAS PAGE NO: 12, 32 SHEET 52 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
1	417391.66	2576463.75	793.82	MAG NAIL SET
3	417040.56	2576480.71	791.99	MAG NAIL SET

Bench Mark #4

FH TOP OF NUT,
TLS CONTROL
N=417085.91
E=2576526.57
ELEV. 797.12

Bench Mark #2

CHISELED SQUARE,
TLS CONTROL
N=417370.43
E=2576516.86
ELEV. 797.32

1 inch = 20 ft. (HORIZ)

1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) 4' EDGE MILL

PROJECT LIMITS

(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
No. 24920
OKLAHOMA
6/3/2025

GARY PL SOUTH PLAN & PROFILE (2 OF 3)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

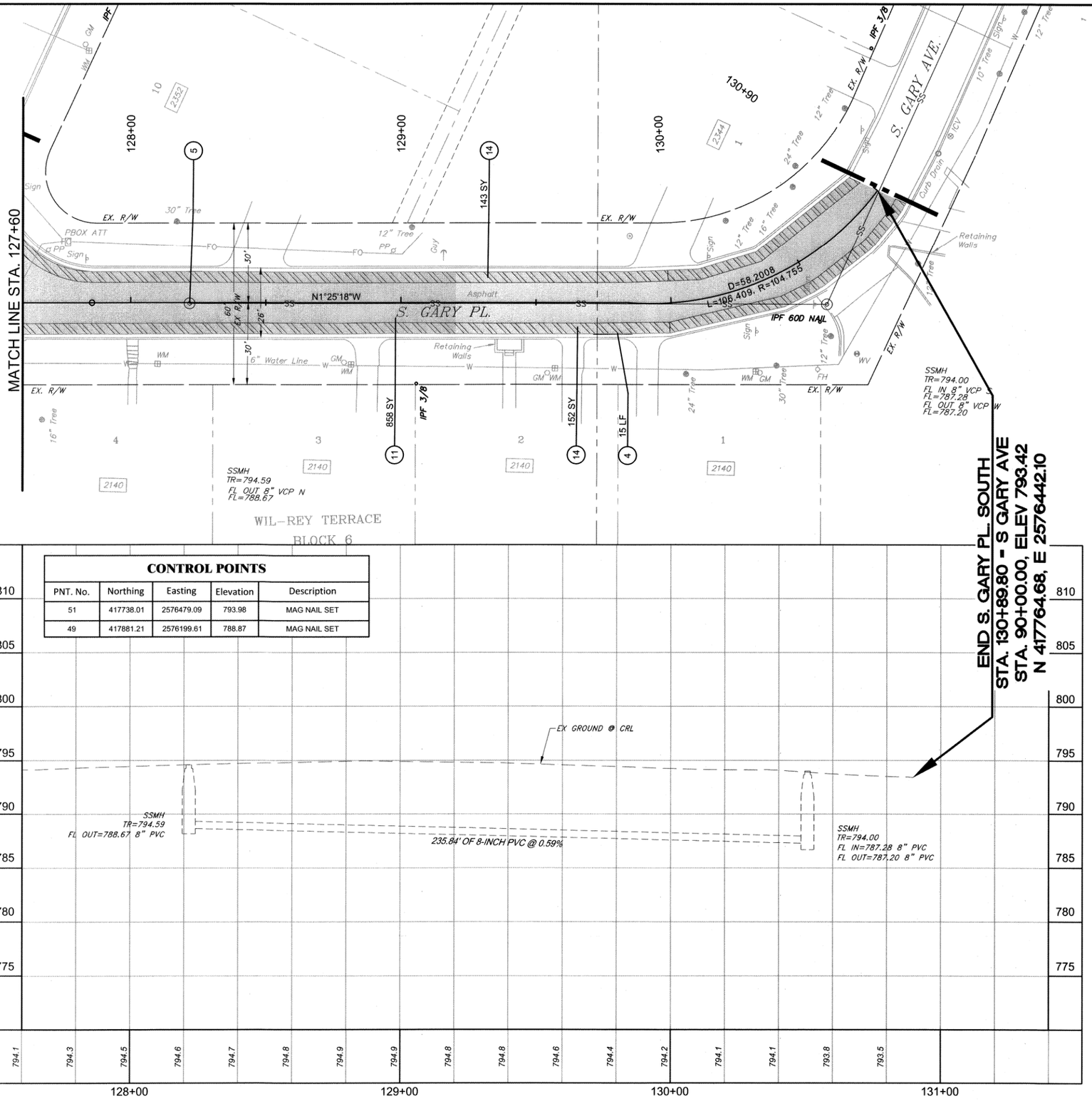
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		5/26
	FIELD MGR.		5/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	HAS 3.26	

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 53 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
51	417738.01	2576479.09	793.98	MAG NAIL SET
49	417881.21	2576199.61	788.87	MAG NAIL SET

Bench Mark #52
CHISELED SQUARE,
TLS CONTROL
N=417677.30
E=2576509.16
ELEV. 794.96

Bench Mark #50
CHISELED SQUARE,
TLS CONTROL
N=417895.15
E=2576229.95
ELEV. 789.16

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL
- (1) FULL DEPTH PATCH / RECONSTRUCTION
- (2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
- (3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
- (4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
- (5) ADJUST TO GRADE
- (6) CONSTRUCT CURB RAMP
- (7) CONSTRUCT TRUNCATED DOMES
- (8) CONSTRUCT MANHOLE
- (9) CONSTRUCT INLET
- (10) REMOVE INLET
- (11) ASPHALT OVERLAY
- (12) REMOVE AND REPLACE MANHOLE
- (13) SOLID SLAB SOD
- (14) 4' EDGE MILL
- PROJECT LIMITS
- (1111) NEAREST ADDRESS

PROFILE LEGEND

- 1 PROP. MANHOLE
- 2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polgari
24920
OKLAHOMA
6/3/2025

GARY PL SOUTH PLAN & PROFILE (3 OF 3)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

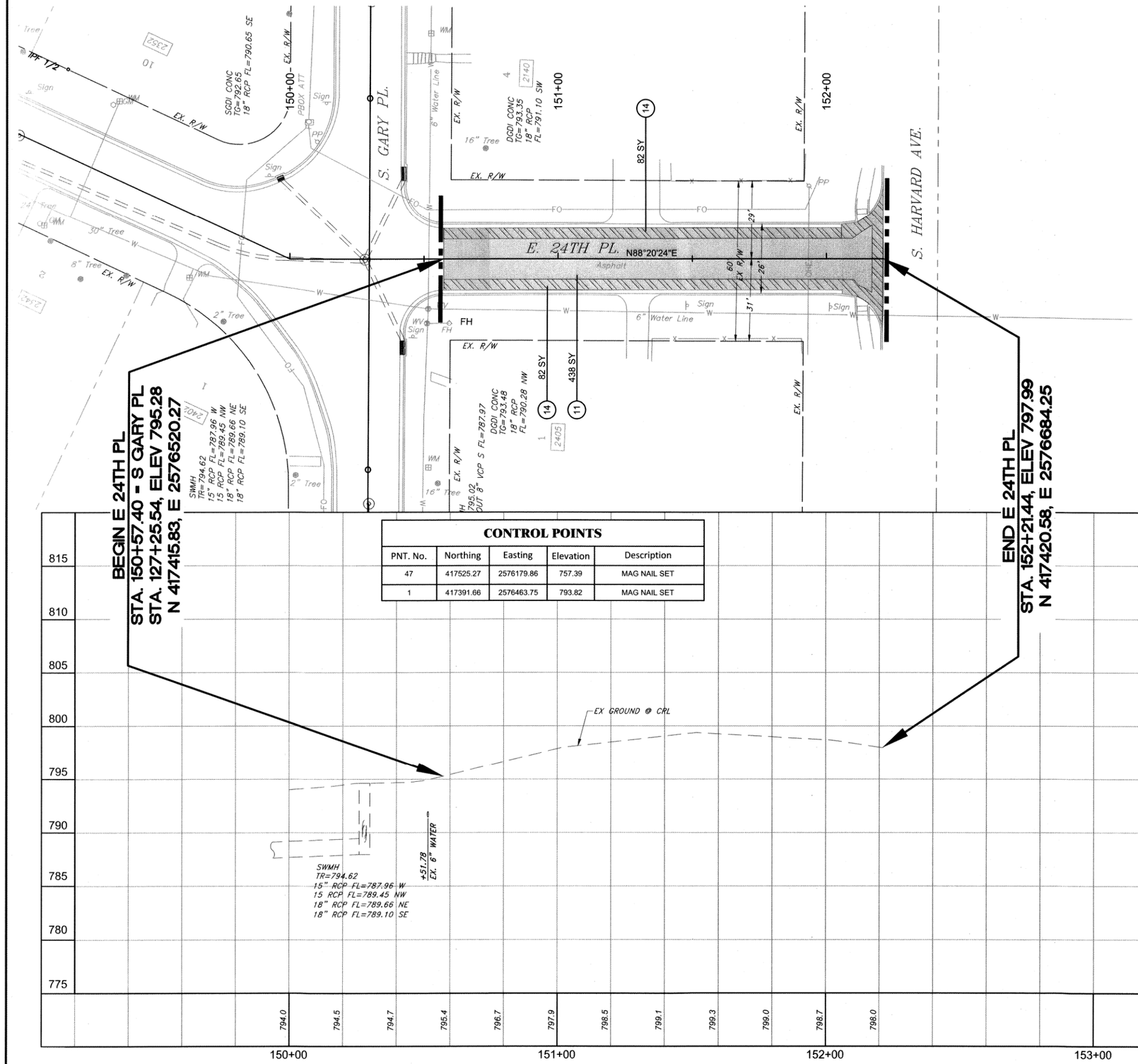
REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	DP	6/25
HORIZONTAL: 1"=20'	LEAD ENGR.	DP	6/25
	FIELD MGR.	[illegible]	3/21
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2025
ATLAS PAGE NO: 12, 32 SHEET 54 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\SHEETS SOUTH\762-PP56 (GARY PL S).dwg, 250603 - 12:42 PM, DEP



CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
47	417525.27	2576179.86	757.39	MAG NAIL SET
1	417391.66	2576463.75	793.82	MAG NAIL SET

BEGIN E 24TH PL
STA. 150+57.40 - S GARY PL
STA. 127+25.54, ELEV 795.28
N 417415.83, E 2576520.27

END E 24TH PL
STA. 152+21.44, ELEV 797.99
N 417420.58, E 2576684.25

Bench Mark #48
CHISELED SQUARE, TLS CONTROL N=417541.72 E=2576227.40 ELEV. 787.61

Bench Mark #2
CHISELED SQUARE, TLS CONTROL N=417370.43 E=2576516.86 ELEV. 797.32

1 inch = 20 ft. (HORIZ)
20 0 20 40
1 inch = 5 ft. (VERT)
5 0 5 10

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) 4' EDGE MILL

PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

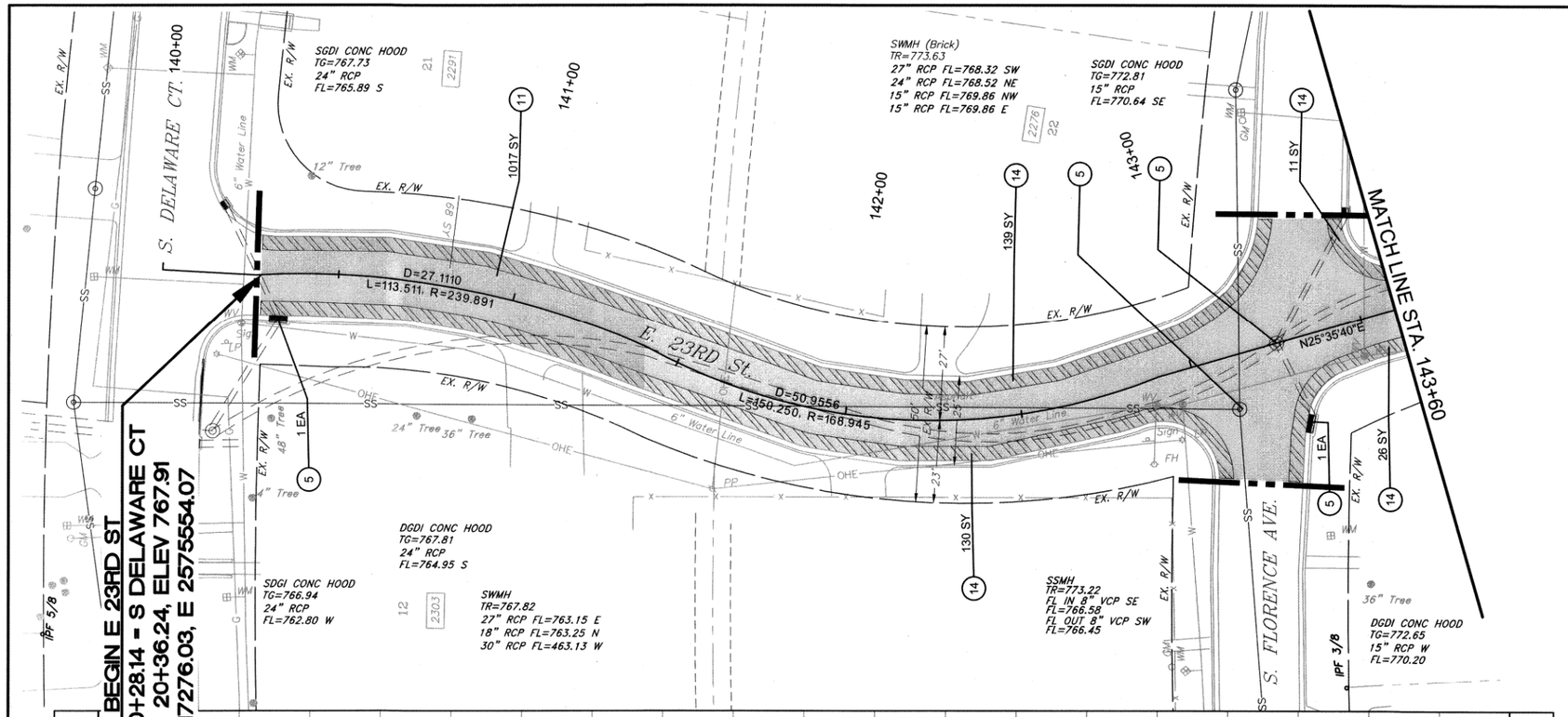
REVISION	BY	DATE

E 24TH PL PLAN & PROFILE
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

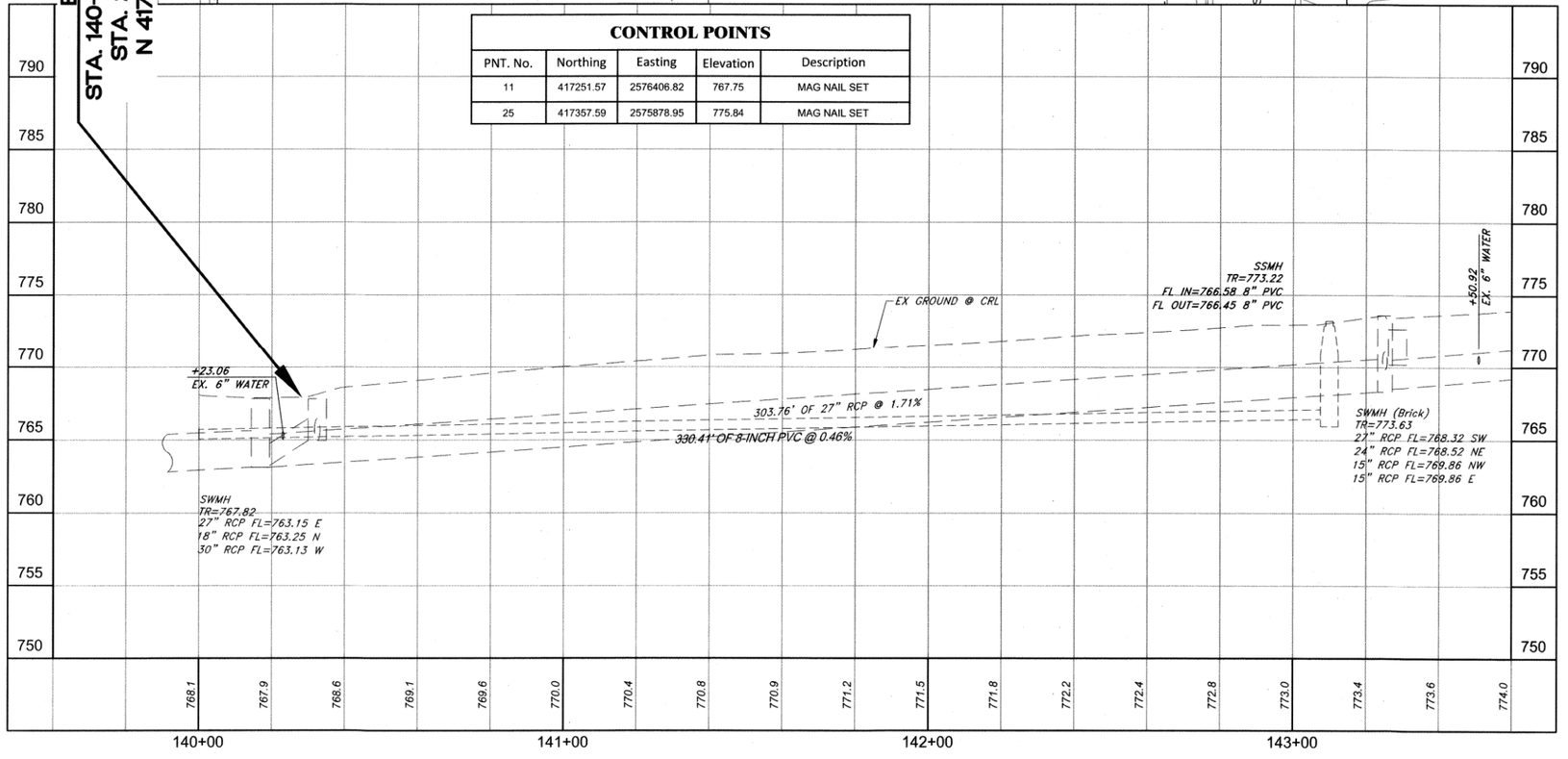
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.		6/25	
HORIZONTAL: 1"=20'	LEAD ENGR.		6/25	
	FIELD MGR.		3/26	
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		HAS 3-26	CITY ENGINEER
FILE:	DRAWING:			DATE: 11/4/2026
ATLAS PAGE NO: 12, 32				SHEET 55 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
11	417251.57	2576406.82	767.75	MAG NAIL SET
25	417357.59	2575878.95	775.84	MAG NAIL SET



Bench Mark #12
FH TOP OF NUT, TLS CONTROL N=417258.23 E=2575561.48 ELEV. 771.40

Bench Mark #26
CHISELED SQUARE, TLS CONTROL N=417371.36 E=2575837.49 ELEV. 776.02

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

E 23RD ST PLAN & PROFILE (1 OF 2)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

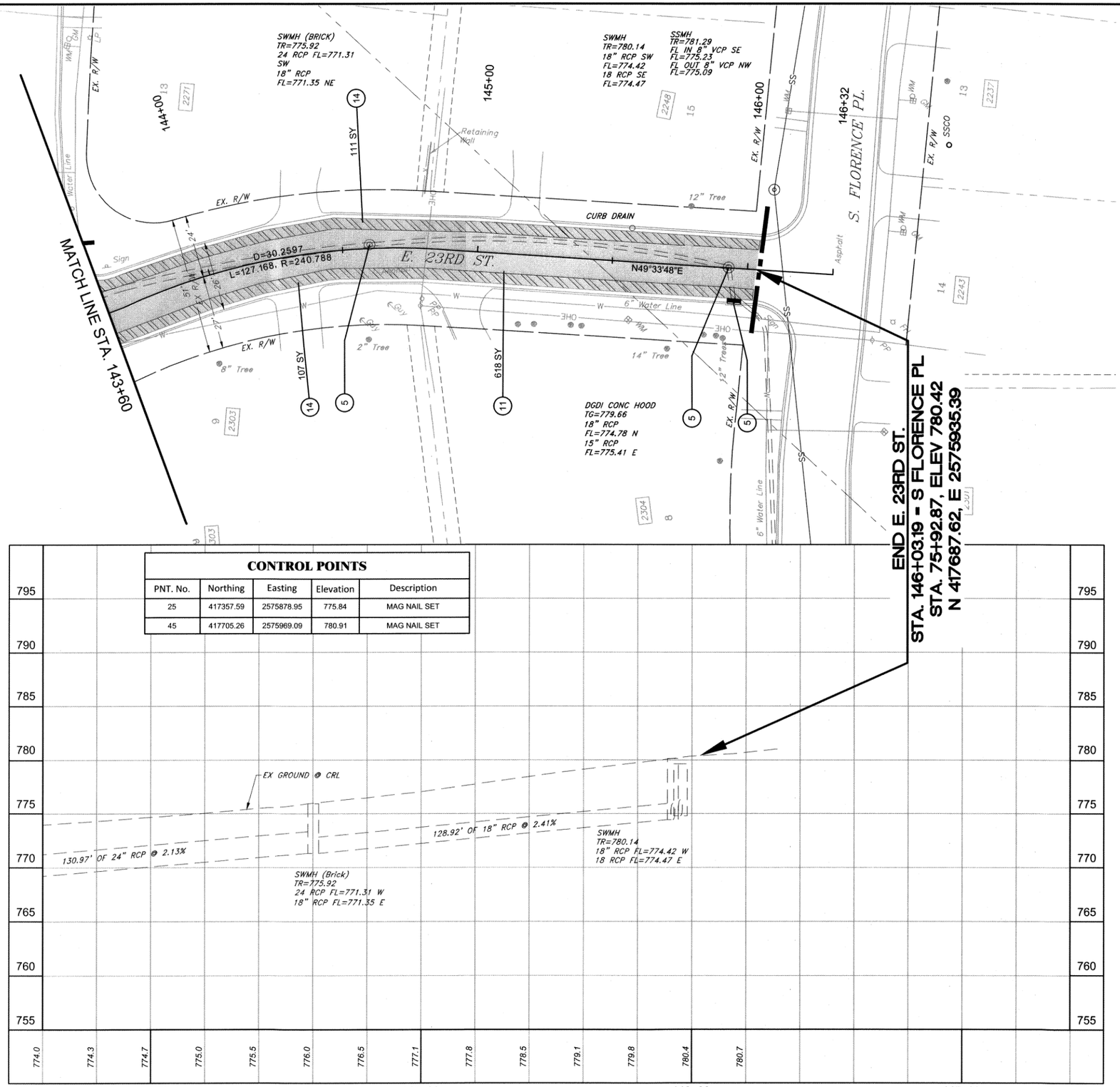
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		3/26
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		3.26

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 56 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\SHEETS SOUTH\762-PP60 (23RD).dwg, 250603 - 12:43 PM, DEP



CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
25	417357.59	2575878.95	775.84	MAG NAIL SET
45	417705.26	2575969.09	780.91	MAG NAIL SET

Bench Mark #26	Bench Mark #46
CHISELED SQUARE, TLS CONTROL N=417371.35 E=2575837.49 ELEV. 776.02	FH TOP OF NUT, TLS CONTROL N=417708.91 E=2575985.30 ELEV. 778.29

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

E 23RD ST PLAN & PROFILE (2 OF 2)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

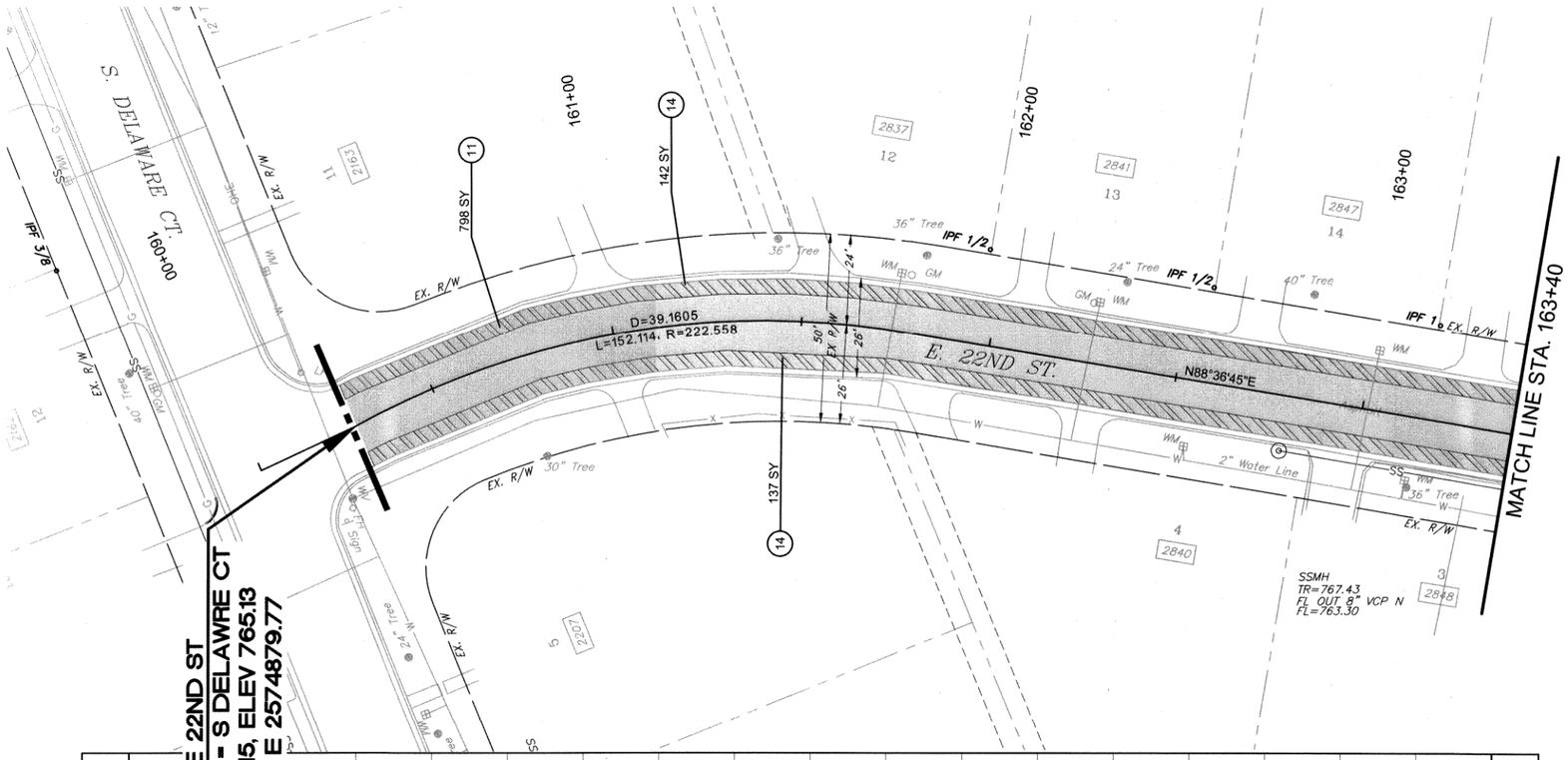
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.		6/25	
	LEAD ENGR.		6/25	
	FIELD MGR.		3/26	
	RECOMMENDED: DESIGN MANAGER		3-26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 57 OF 108 SHEETS

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Bench Mark #18	Bench Mark #32
CHISELED SQUARE, TLS CONTROL N=418105.37 E=2574905.90 ELEV. 767.86	CHISELED SQUARE, TLS CONTROL N=418416.34 E=2575335.38 ELEV. 761.10

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

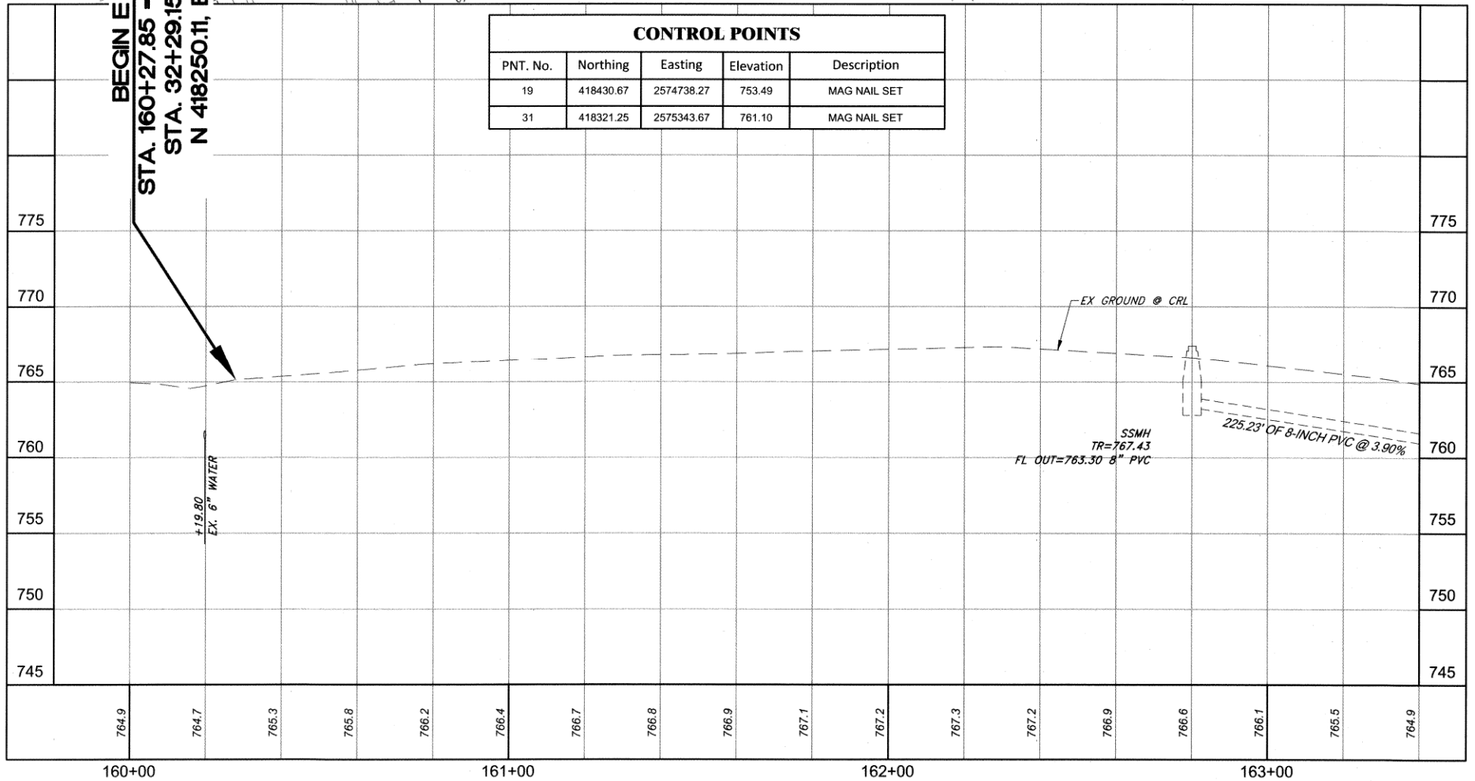
PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

BEGIN E 22ND ST
STA. 160+27.85 - S DELAWRE CT
STA. 32+29.15, ELEV 765.13
N 418250.11, E 2574879.77

CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
19	418430.67	2574738.27	753.49	MAG NAIL SET
31	418321.25	2575343.67	761.10	MAG NAIL SET



LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
14920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

E 22ND ST WEST PLAN & PROFILE (1 OF 2)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

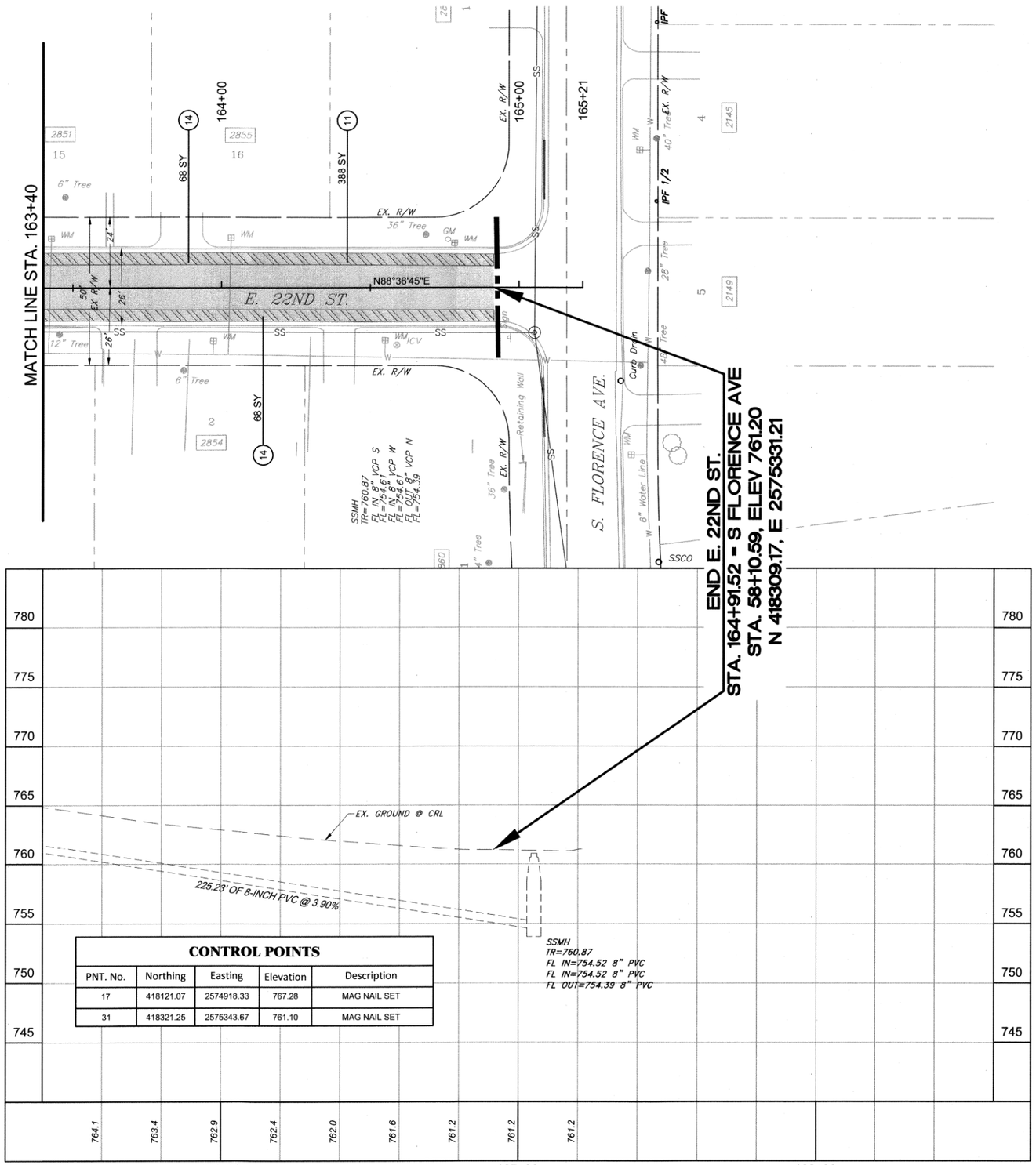
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		3/26
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		3·26

APPROVED: CITY ENGINEER

FILE: DRAWING:
ATLAS PAGE NO: 12, 32
DATE: 11/4/2026
SHEET 58 OF 108 SHEETS

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CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
17	418121.07	2574918.33	767.28	MAG NAIL SET
31	418321.25	2575343.67	761.10	MAG NAIL SET

Bench Mark #18
CHISELED SQUARE, TLS CONTROL N=418105.37 E=2574905.90 ELEV. 767.86

Bench Mark #32
CHISELED SQUARE, TLS CONTROL N=418416.34 E=2575335.38 ELEV. 761.10

1 inch = 20 ft. (HORIZ)

1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER — Daniel E. Polasek — 24920 — OKLAHOMA

6/3/2025

REVISION	BY	DATE

E 22ND ST WEST PLAN & PROFILE (2 OF 2)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

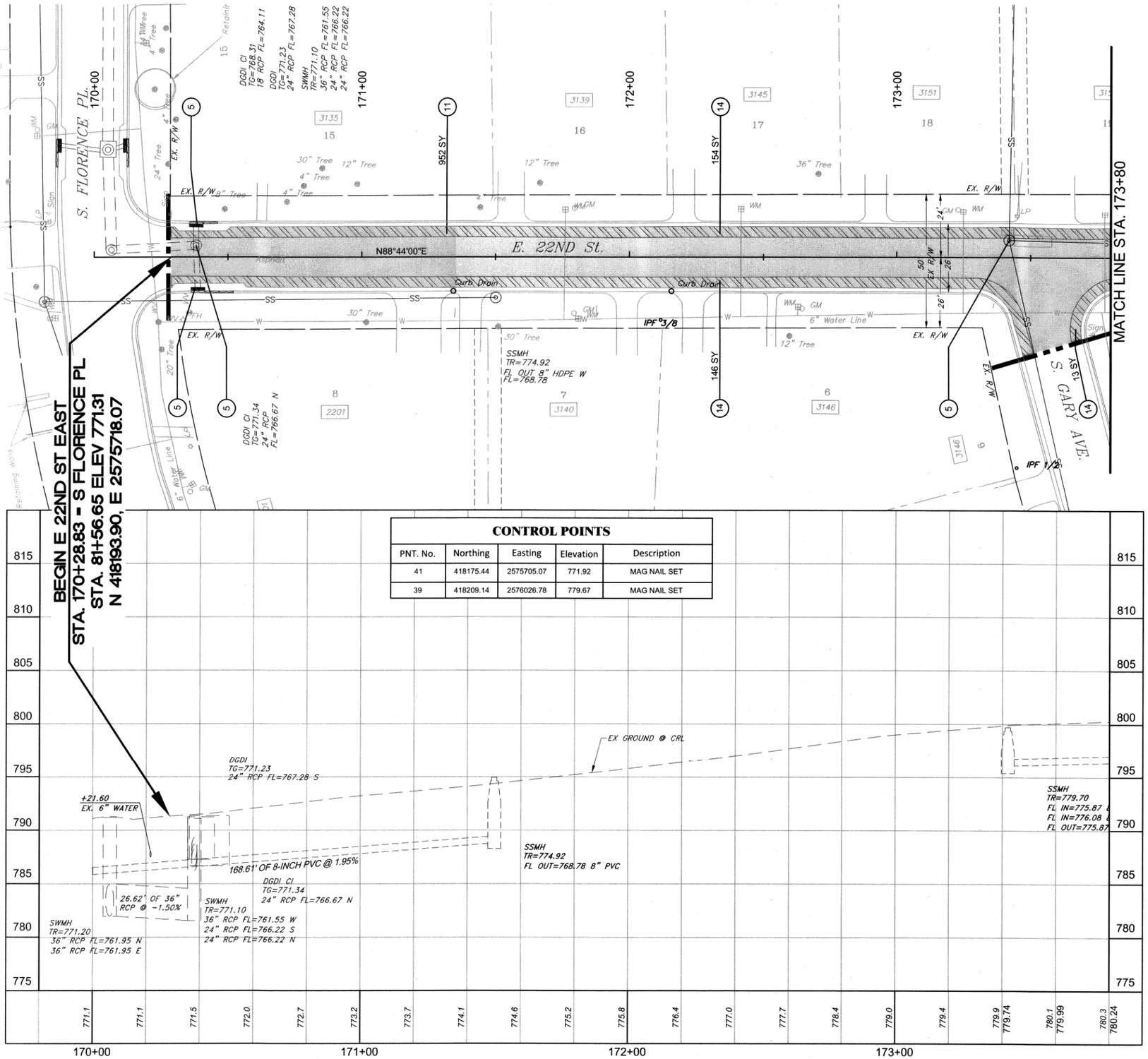
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.		6/25	
HORIZONTAL: 1"=20'	LEAD ENGR.		6/25	
	FIELD MGR.		3/26	
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		3-26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2024

ATLAS PAGE NO: 12, 32 SHEET 59 OF 108 SHEETS

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CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
41	418175.44	2575705.07	771.92	MAG NAIL SET
39	418209.14	2576026.78	779.67	MAG NAIL SET

Bench Mark #42
CHISELED SQUARE,
TLS CONTROL
N=418180.98
E=2575733.78
ELEV. 772.15

Bench Mark #40
FH TOP OF NUT,
TLS CONTROL
N=418181.66
E=2576073.05
ELEV. 777.14

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS
1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER Daniel E. Polasek 24920 OKLAHOMA
6/3/2025

E 22ND ST EAST PLAN & PROFILE (1 OF 3)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

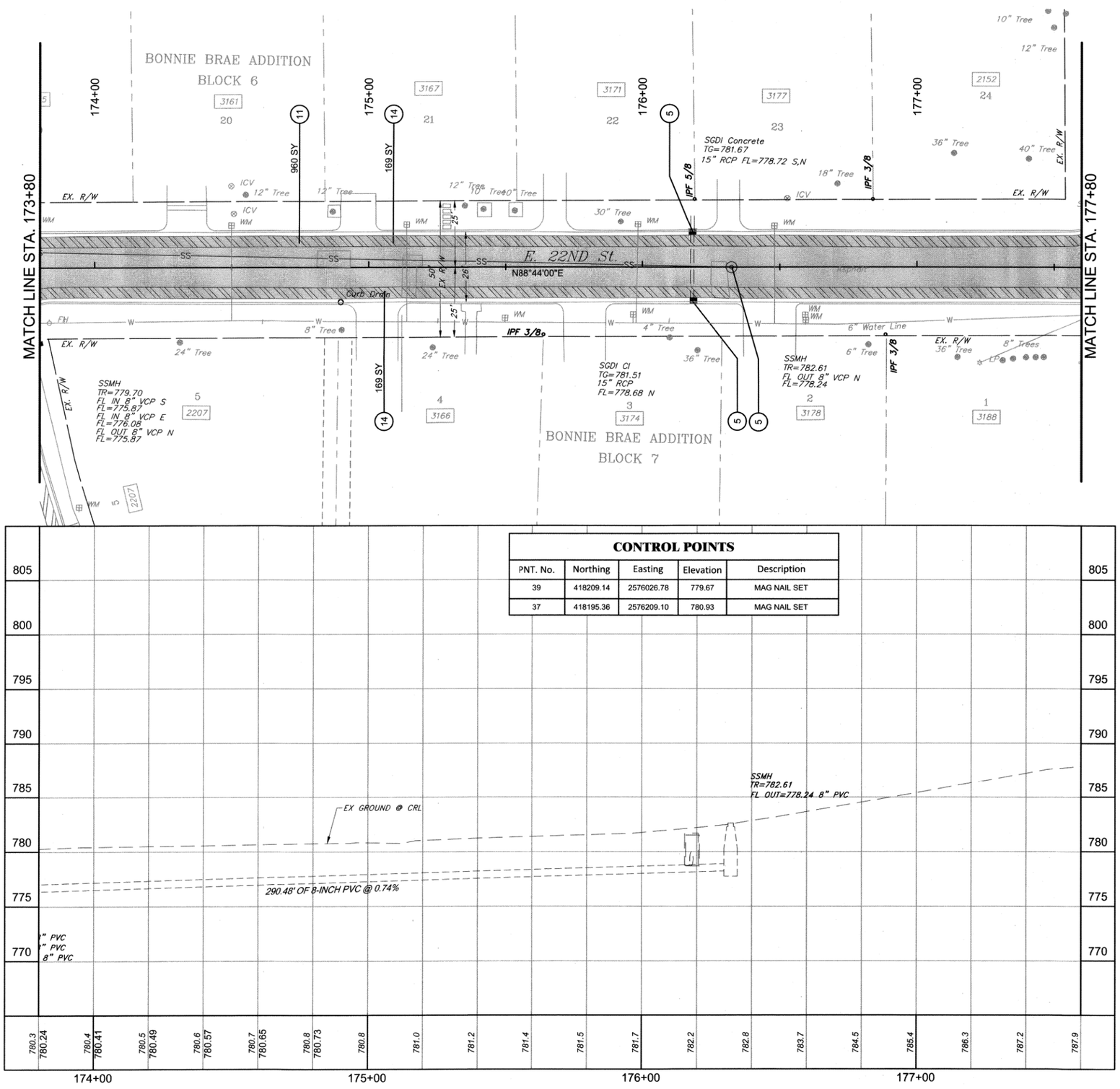
REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.		6/25
	LEAD ENGR.		6/25
	FIELD MGR.		3/26
	RECOMMENDED: DESIGN MANAGER		3-26

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2021
ATLAS PAGE NO: 12, 32 SHEET 60 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
39	418209.14	2576026.78	779.67	MAG NAIL SET
37	418195.36	2576209.10	780.93	MAG NAIL SET

Bench Mark #40
FH TOP OF NUT,
TLS CONTROL
N=418181.66
E=2576073.05
ELEV. 777.14

Bench Mark #38
CHISELED SQUARE,
TLS CONTROL
N=418183.66
E=2576261.04
ELEV. 782.66

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

PROJECT LIMITS
1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

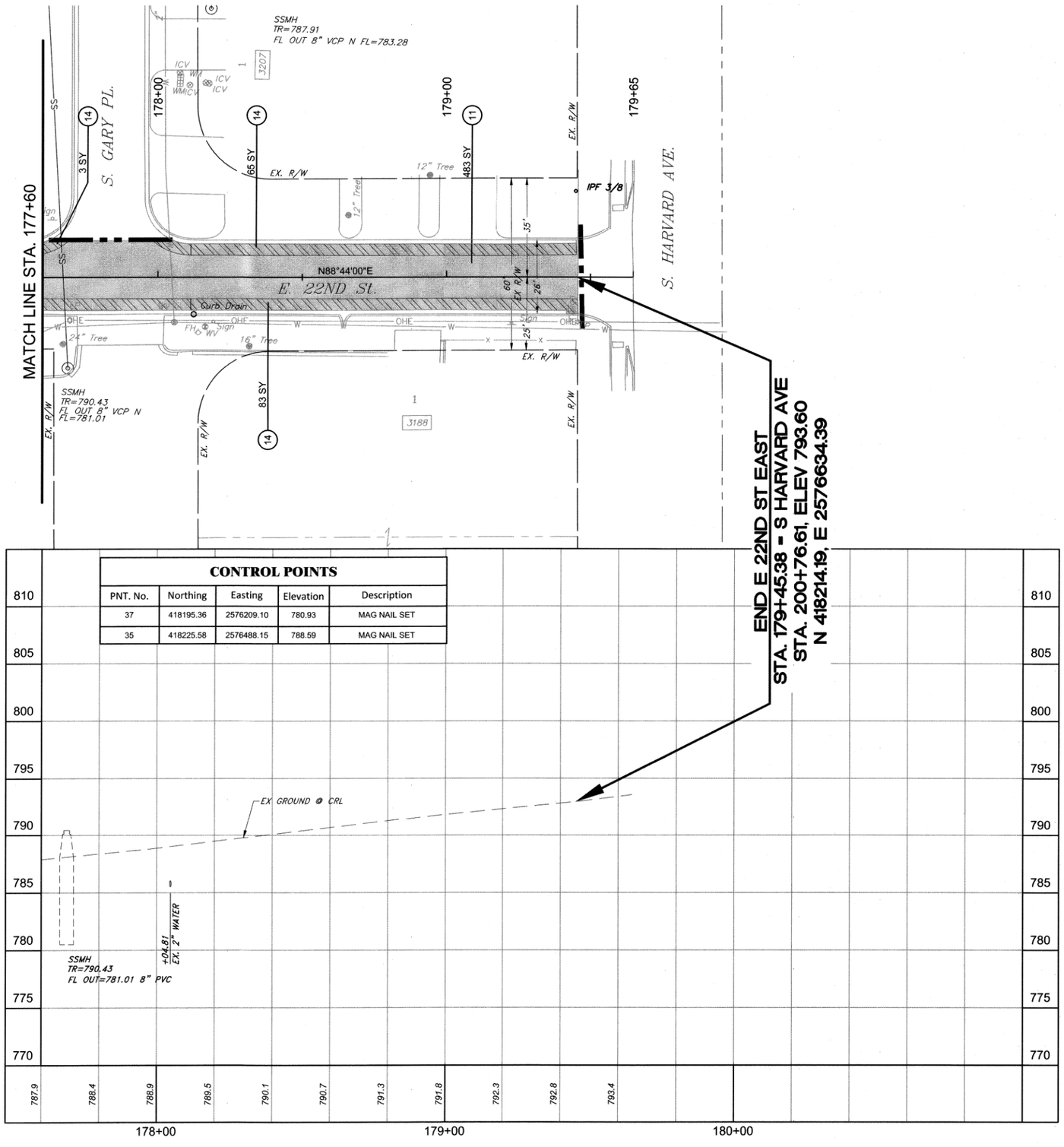
E 22ND ST EAST PLAN & PROFILE (2 OF 3)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.		6/25	
HORIZONTAL: 1"=20'	LEAD ENGR.		3/26	
	FIELD MGR.		3/26	
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		3-26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026
ATLAS PAGE NO: 12, 32 SHEET 61 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
37	418195.36	2576209.10	780.93	MAG NAIL SET
35	418225.58	2576488.15	788.59	MAG NAIL SET

Bench Mark #38

CHISELED SQUARE,
TLS CONTROL
N=418183.66
E=2576261.04
ELEV. 782.66

Bench Mark #36

CHISELED SQUARE,
TLS CONTROL
N=418186.61
E=2576551.39
ELEV. 792.97

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) 4' EDGE MILL

PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

E 22ND ST EAST PLAN & PROFILE (3 OF 3)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

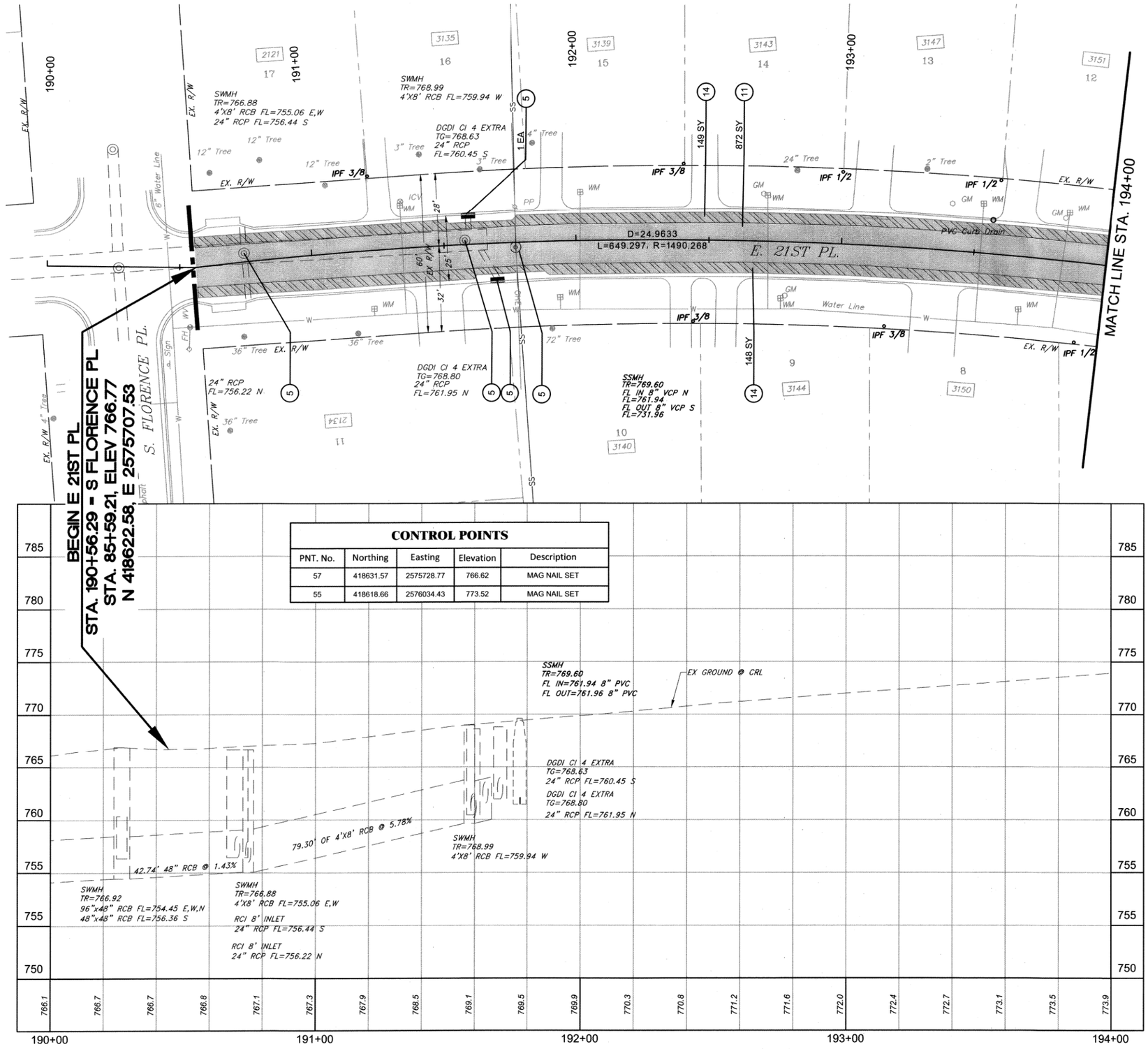
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		
HORIZONTAL: 1"=20'	LEAD ENGR.		
	FIELD MGR.		
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		

APPROVED: CITY ENGINEER

FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: 12, 32
SHEET 62 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\SHEETS SOUTH\762-PP62 (E 22ND ST EAST).dwg, 250603 - 12:45 PM, DEP



Bench Mark #58	Bench Mark #56
CHISELED SQUARE, TLS CONTROL N=418608.31 E=2575725.23 ELEV. 766.58	CHISELED SQUARE, TLS CONTROL N=418582.98 E=2576052.42 ELEV. 774.34

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) 4' EDGE MILL

PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
No. 24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

E 21ST PL PLAN & PROFILE (1 OF 2)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

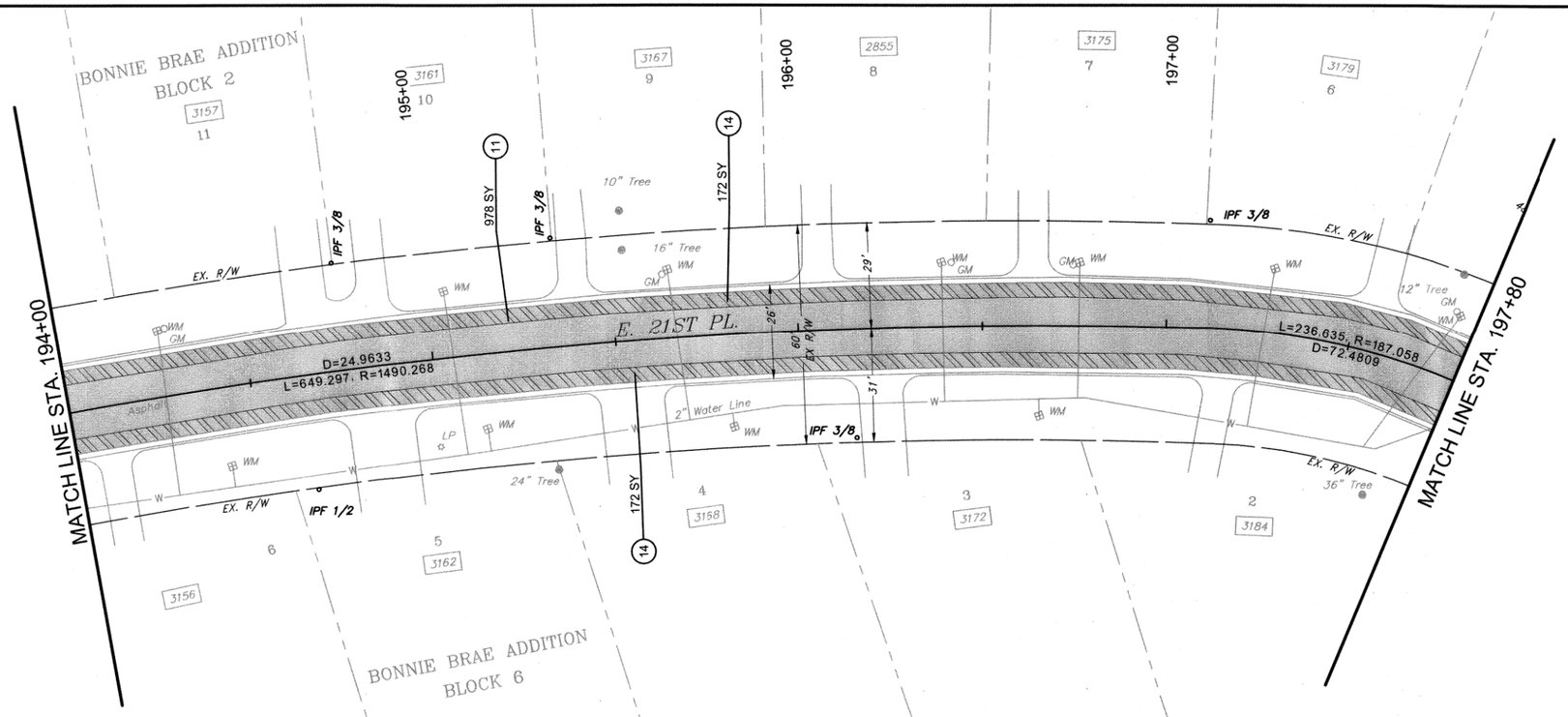
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

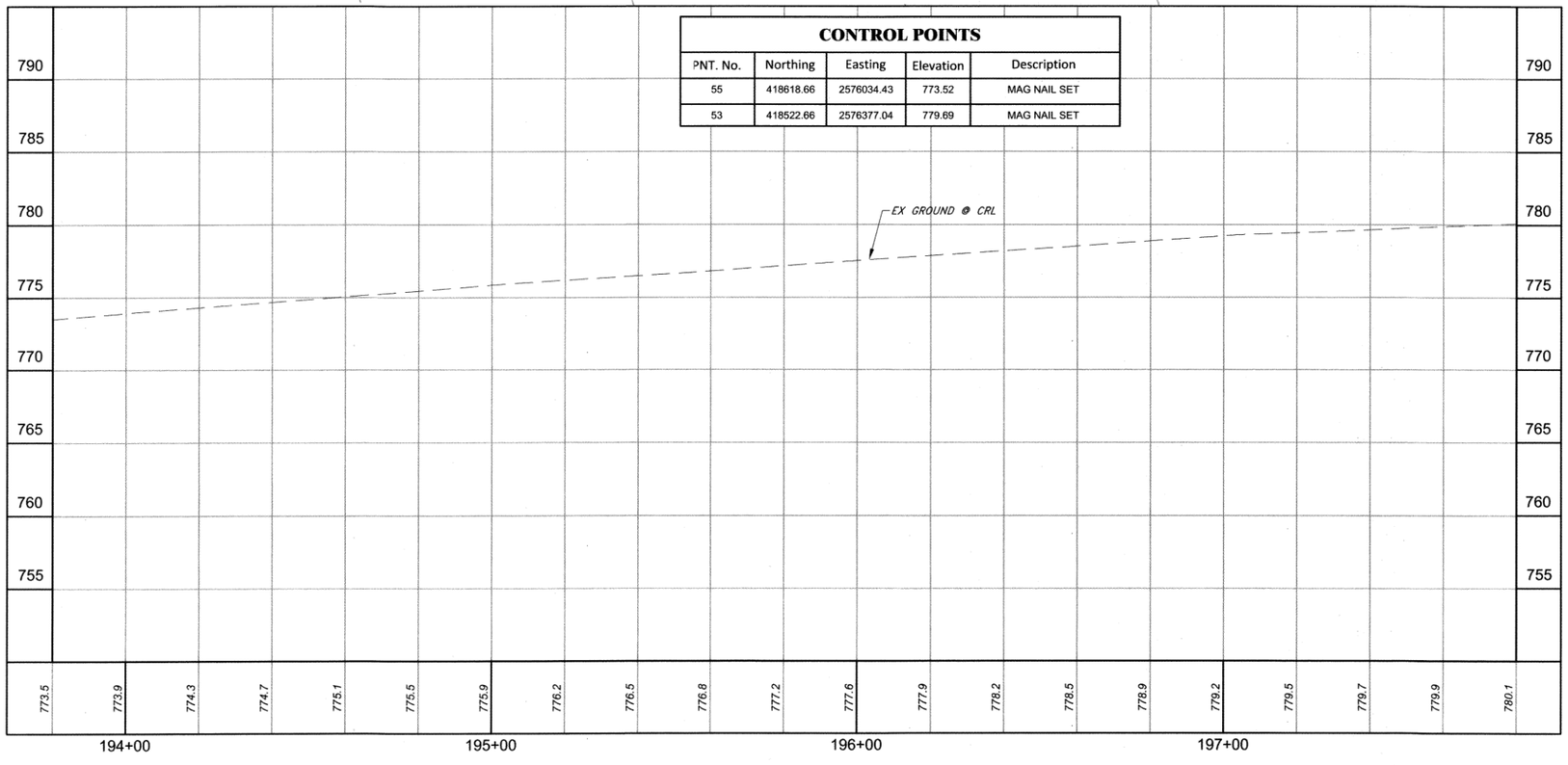
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	DNP	11/25
HORIZONTAL: 1"=20'	LEAD ENGR.	DNP	11/25
	FIELD MGR.	TLS	3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026
ATLAS PAGE NO: 12, 32 SHEET 63 OF 108 SHEETS

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Bench Mark #56
CHISELED SQUARE, TLS CONTROL N=418582.98 E=2576052.42 ELEV. 774.34

Bench Mark #54
CHISELED SQUARE, TLS CONTROL N=418524.67 E=2576406.82 ELEV. 780.60

1 inch = 20 ft. (HORIZ)
20 0 20 40
1 inch = 5 ft. (VERT)
5 0 5 10

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. 4' EDGE MILL

- PROJECT LIMITS
- 1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
14920
OKLAHOMA
6/3/2025

E 21ST PL PLAN & PROFILE (2 OF 2)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

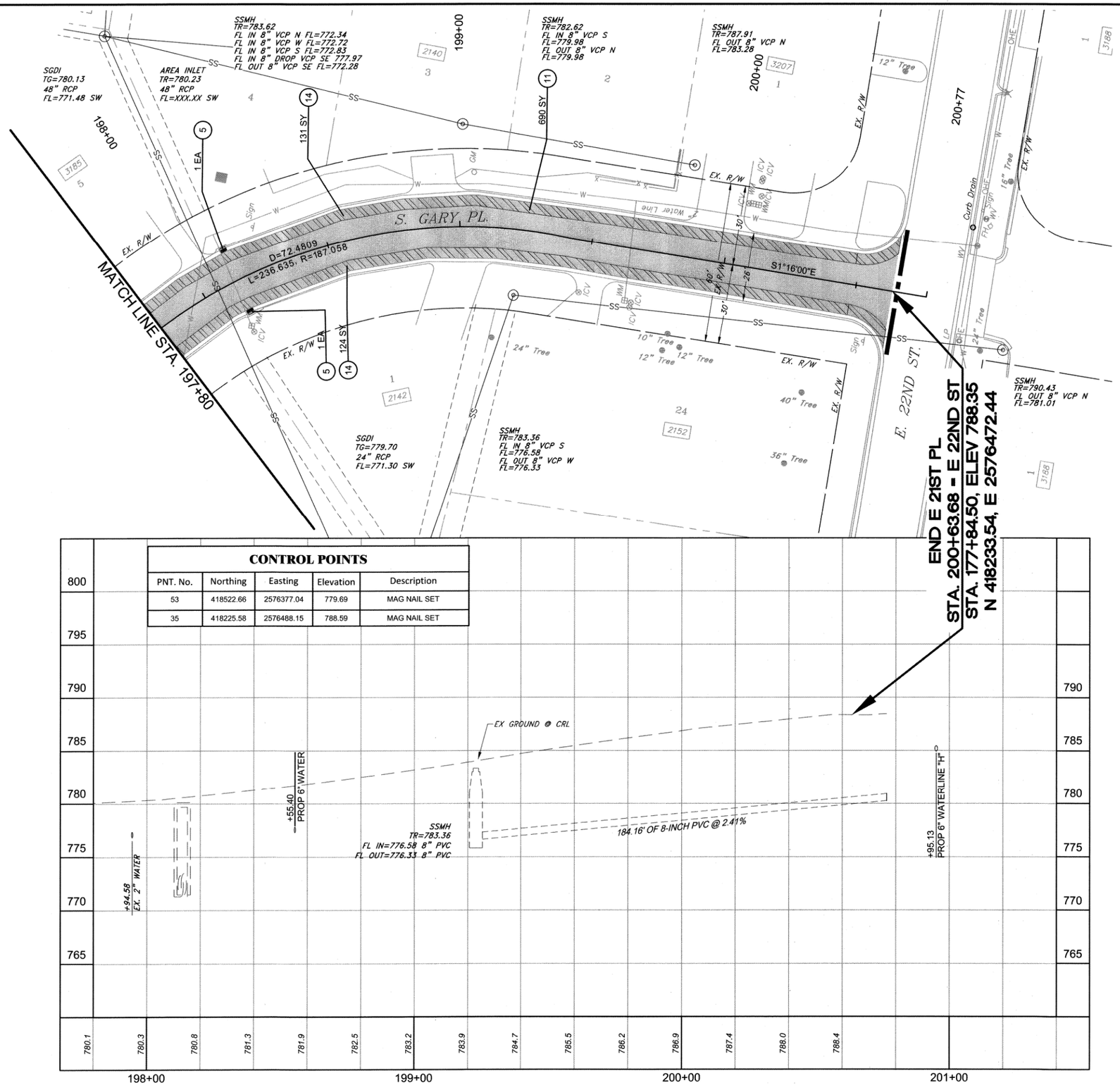
REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		6/25
HORIZONTAL: 1"=20'	LEAD ENGR.		3/26
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		

APPROVED: CITY ENGINEER

FILE: DRAWING:
ATLAS PAGE NO: 12, 32
DATE: 11/4/2026
SHEET 64 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
53	418522.66	2576377.04	779.69	MAG NAIL SET
35	418225.58	2576488.15	788.59	MAG NAIL SET

END E 21ST PL
STA. 200+63.68 = E 22ND ST
STA. 177+84.50, ELEV 788.35
N 418233.54, E 2576472.44

Bench Mark #54

CHISELED SQUARE,
TLS CONTROL
N=418524.67
E=2576406.82
ELEV. 780.60

Bench Mark #36

CHISELED SQUARE,
TLS CONTROL
N=418186.61
E=2576551.39
ELEV. 792.97

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 4' EDGE MILL
- (1) FULL DEPTH PATCH / RECONSTRUCTION
- (2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
- (3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
- (4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
- (5) ADJUST TO GRADE
- (6) CONSTRUCT CURB RAMP
- (7) CONSTRUCT TRUNCATED DOMES
- (8) CONSTRUCT MANHOLE
- (9) CONSTRUCT INLET
- (10) REMOVE INLET
- (11) ASPHALT OVERLAY
- (12) REMOVE AND REPLACE MANHOLE
- (13) SOLID SLAB SOD
- (14) 4' EDGE MILL
- PROJECT LIMITS
- (1111) NEAREST ADDRESS

PROFILE LEGEND

- 1 PROP. MANHOLE
- 2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
No. 24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

S GARY PL PLAN & PROJECT
PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

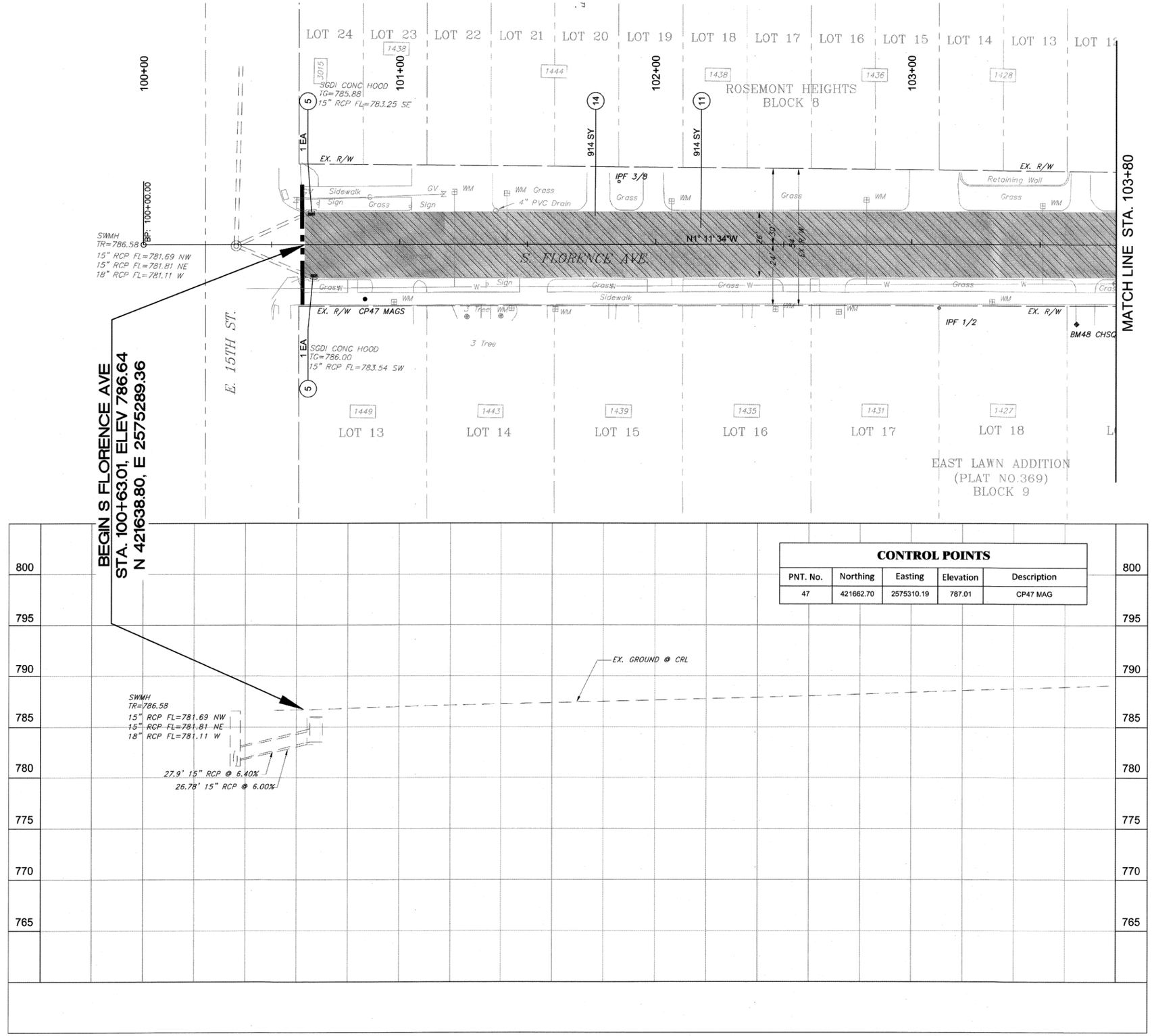
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.		6/25	
HORIZONTAL: 1"=20'	LEAD ENGR.		6/25	
	FIELD MGR.		6/25	
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		HAS 3.26	CITY ENGINEER

FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: 12, 32
SHEET 65 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
47	421662.70	2575310.19	787.01	CP47 MAG

Bench Mark #48

CHISELED SQUARE,
TLS CONTROL
N=421940.95
E=2575314.18
ELEV. 789.65

Bench Mark #50

CHISELED SQUARE,
TLS CONTROL
N=422280.16
E=2575308.81
ELEV. 783.07

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) MILL AREA
PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

REVISION	BY	DATE

(N) FLORENCE AVE PLAN & PROFILE (1 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

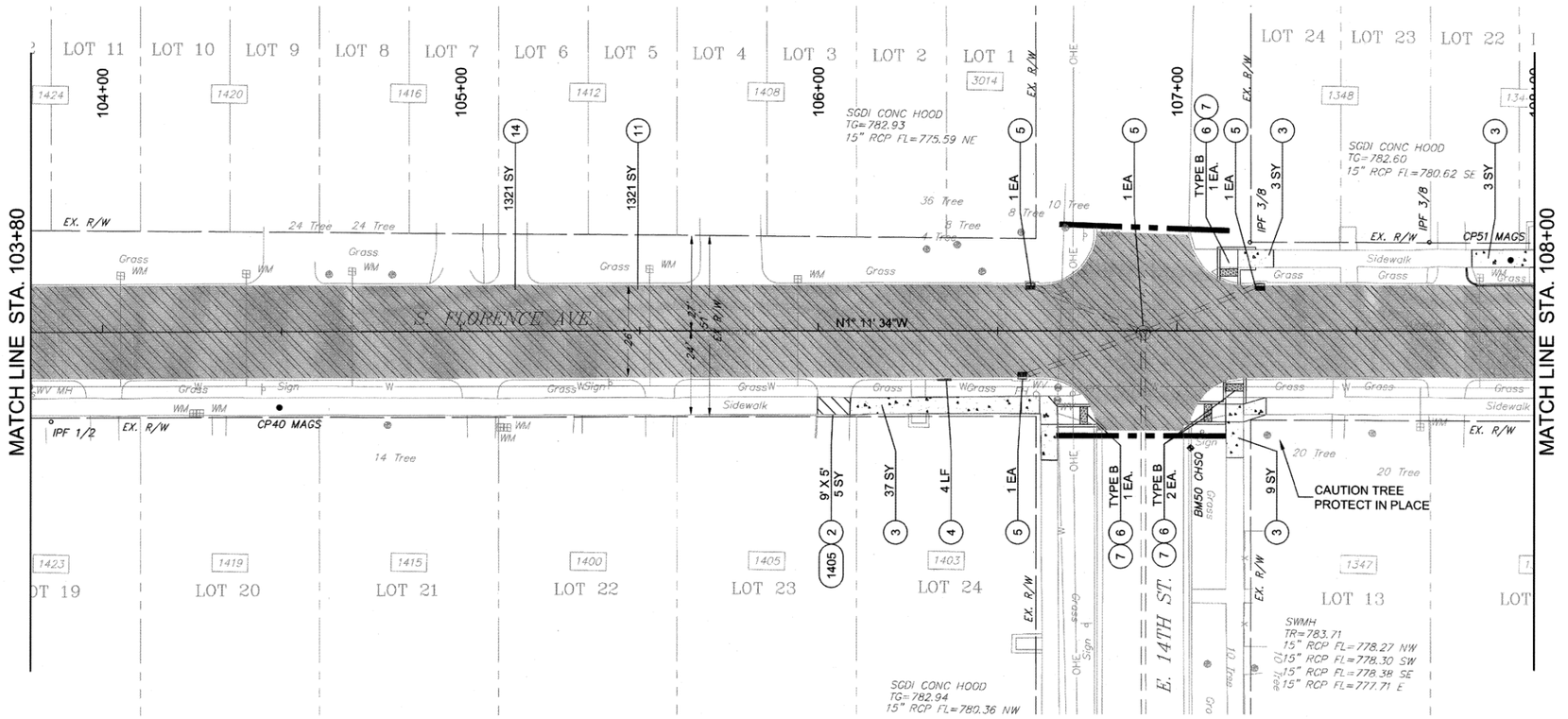
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

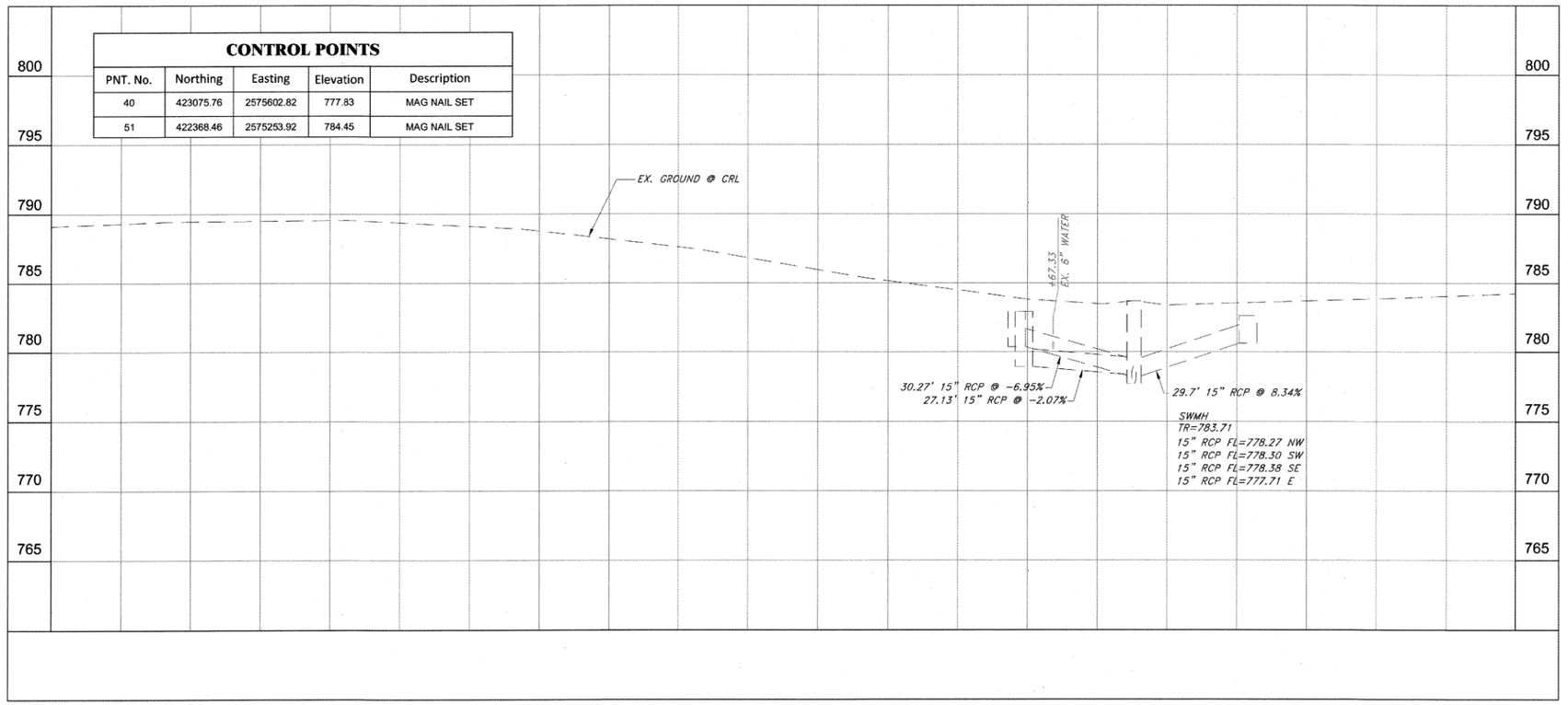
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		1/26
HORIZONTAL: 1"=20'	LEAD ENGR.		1/26
	FIELD MGR.		1/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		1/26

APPROVED:
CITY ENGINEER
DATE: 11/4/2026
SHEET 66 OF 108 SHEETS

FILE: DRAWING:
ATLAS PAGE NO: 12, 32

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Bench Mark #50

CHISELED SQUARE,
TLS CONTROL
N=422280.16
E=2575308.81
ELEV. 783.07

Bench Mark #48

CHISELED SQUARE,
TLS CONTROL
N=421940.95
E=2575314.18
ELEV. 789.65

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

(N) FLORENCE AVE PLAN & PROFILE (2 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

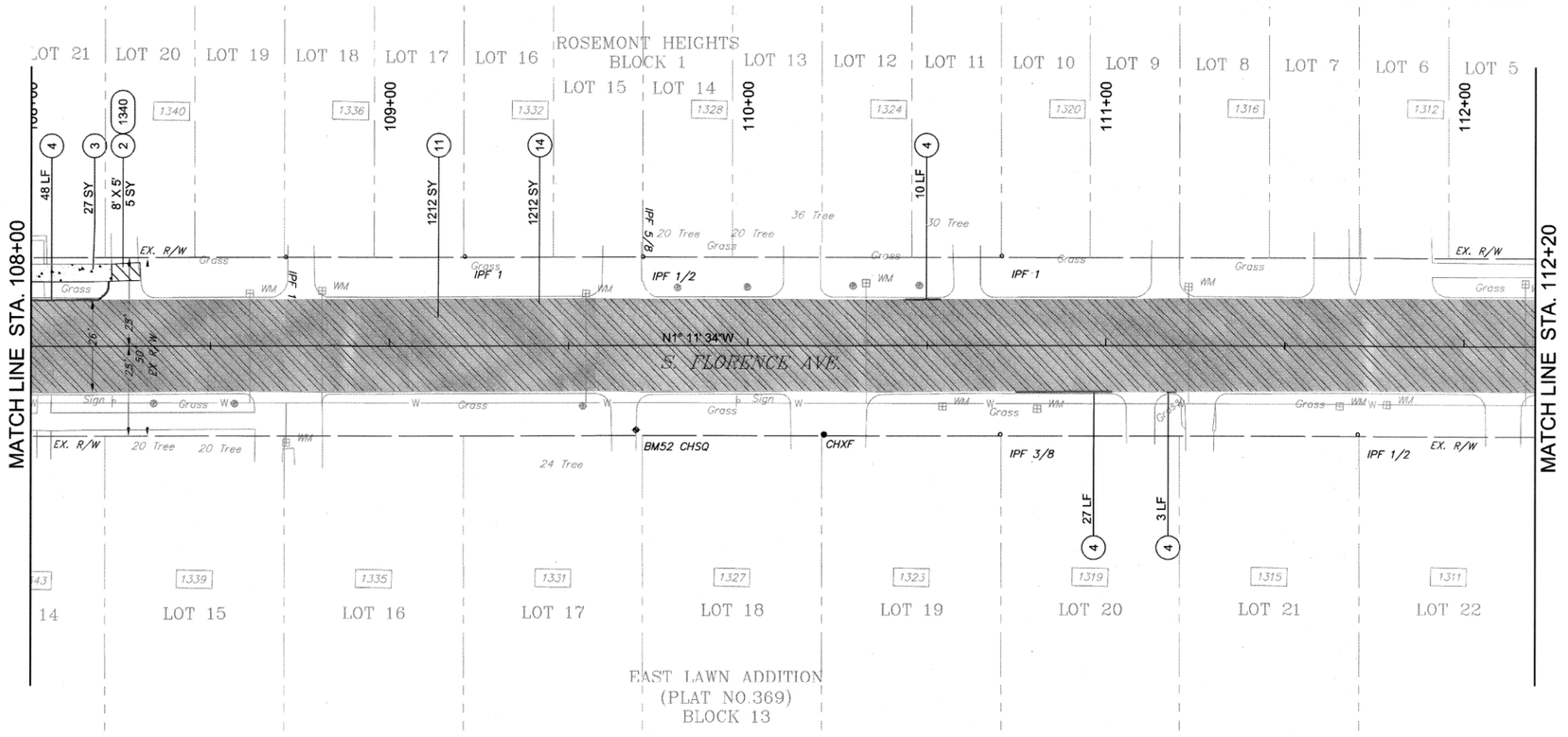
REVISION	BY	DATE

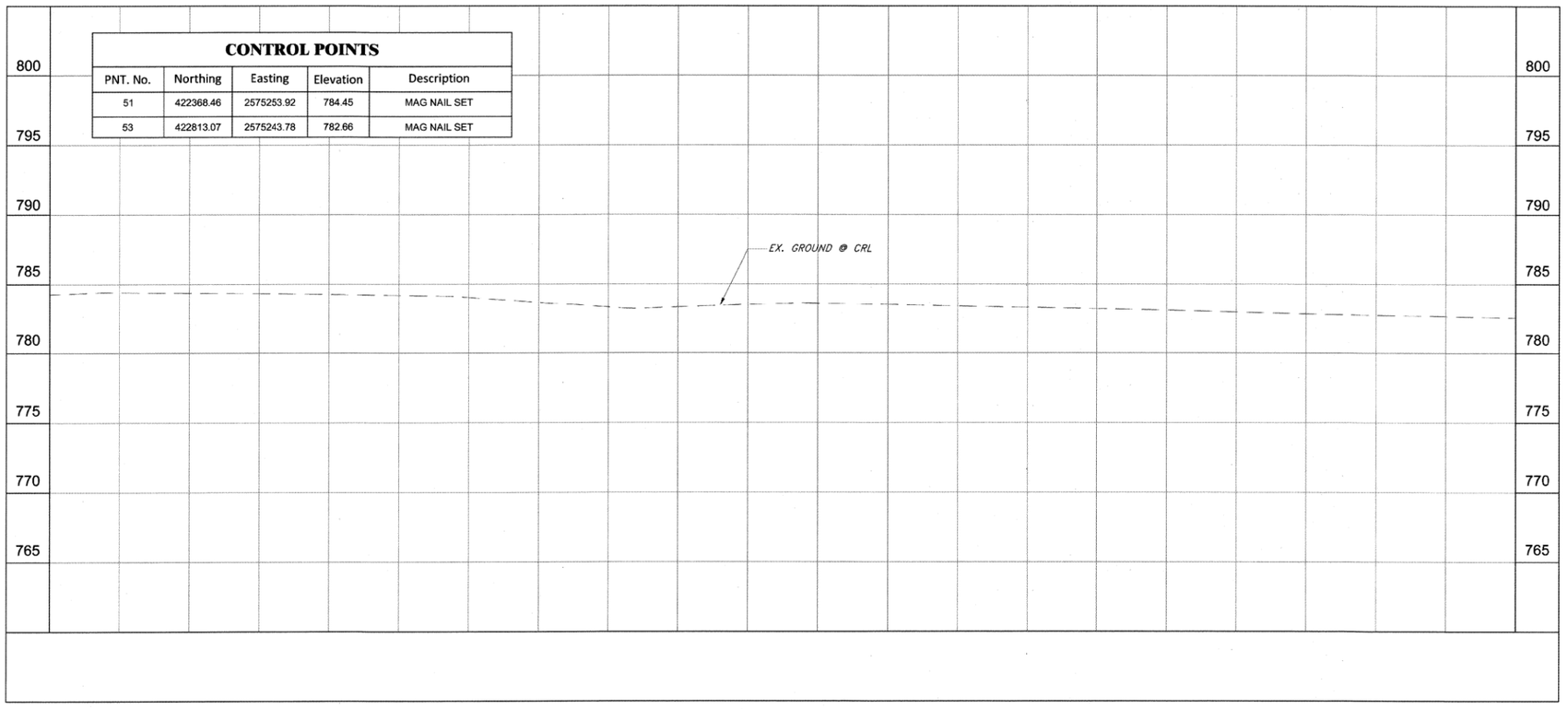
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	DMD	1/15/26
HORIZONTAL: 1"=20'	LEAD ENGR.	CEC	
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	HAS	3-26

APPROVED:
CITY ENGINEER

FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: 12, 32
SHEET 67 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP01 (FLORENCE AVE.).dwg, 260114 - 1:03 PM, DEP





CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
51	422368.46	2575253.92	784.45	MAG NAIL SET
53	422813.07	2575243.78	782.66	MAG NAIL SET

Bench Mark #52

CHISELED SQUARE,
TLS CONTROL
N=422544.93
E=2575294.02
ELEV. 784.15

Bench Mark #50

CHISELED SQUARE,
TLS CONTROL
N=422280.16
E=2575308.81
ELEV. 783.07

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

(N) FLORENCE AVE PLAN & PROFILE (3 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		
HORIZONTAL: 1"=20'	LEAD ENGR.		
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		11/26 HAS 3-26

APPROVED:

CITY ENGINEER

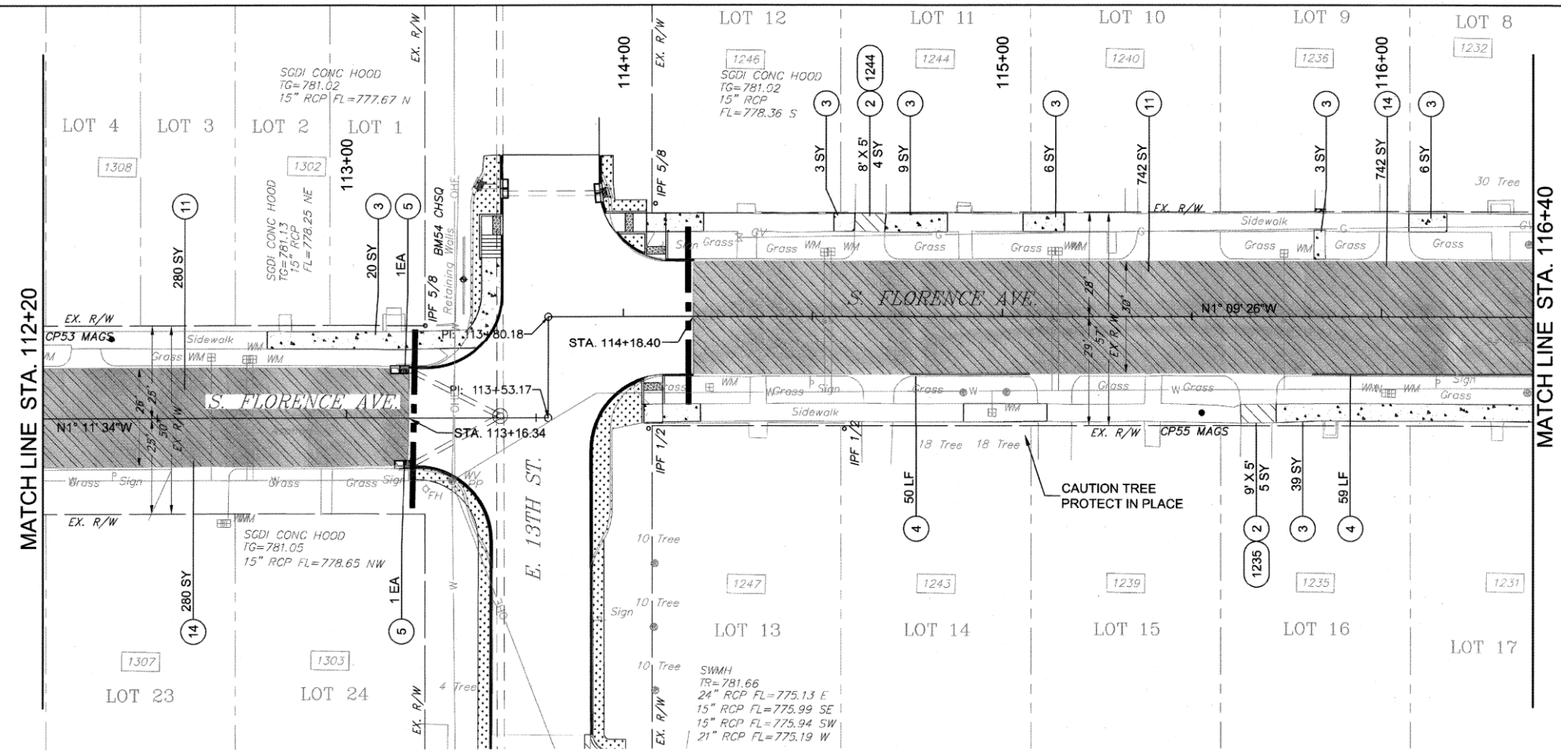
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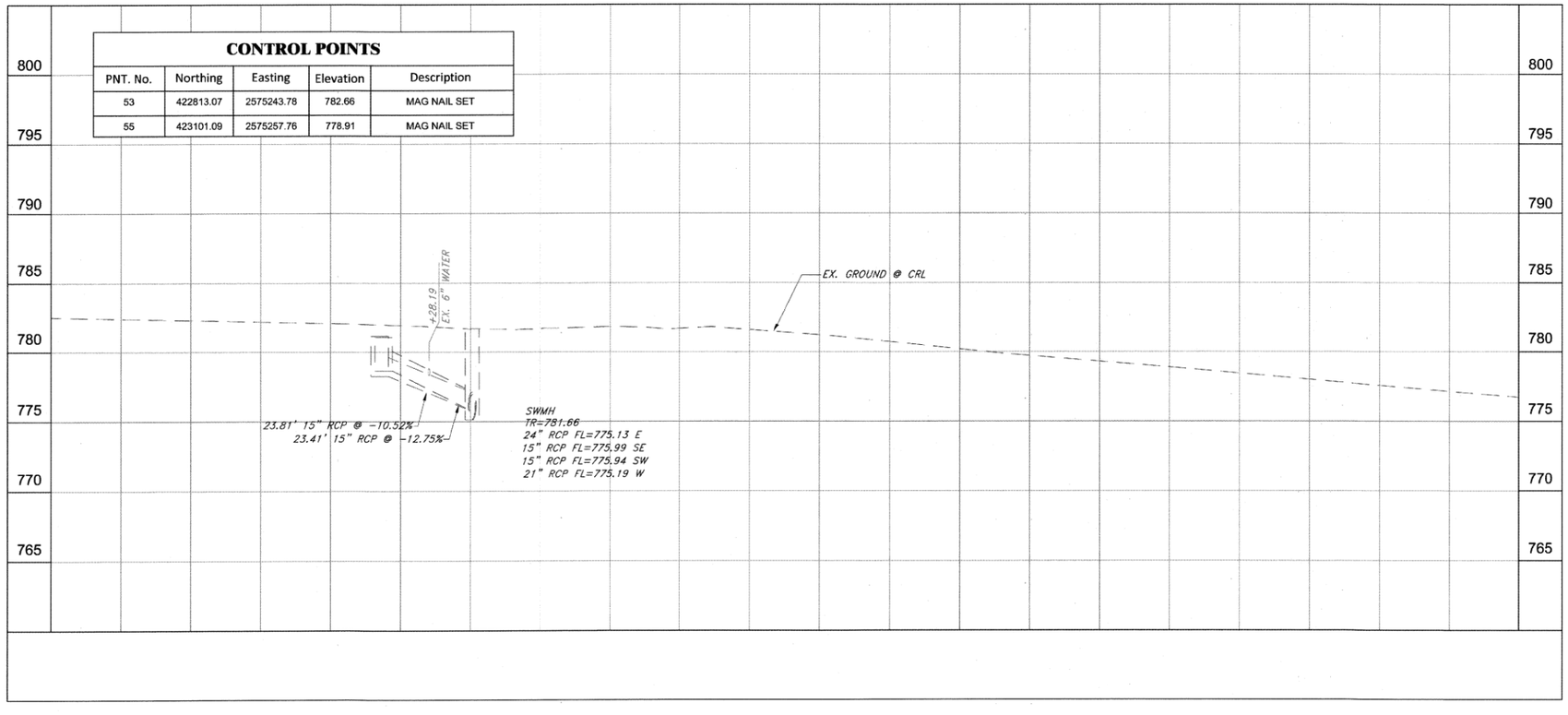
DATE: 11/14/2026

ATLAS PAGE NO: 12, 32

SHEET 68 OF 108 SHEETS

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Bench Mark #54

CHISELED SQUARE,
TLS CONTROL
N=422905.55
E=2575226.00
ELEV. 783.22

Bench Mark #56

CHISELED SQUARE,
TLS CONTROL
N=423199.78
E=2575194.83
ELEV. 777.42

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) MILL AREA
PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

[1] PROP. MANHOLE
<1> PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

(N) FLORENCE AVE PLAN & PROFILE (4 OF 7)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

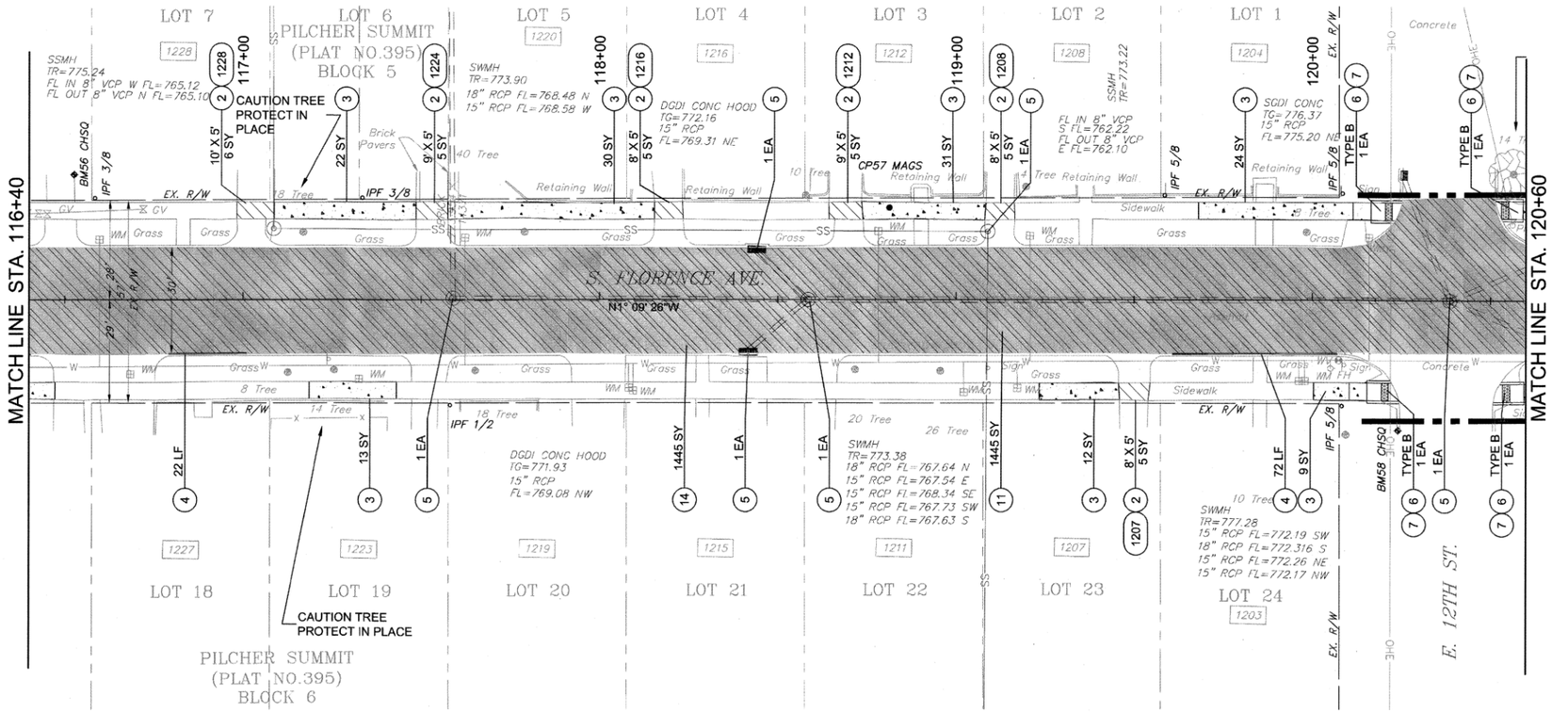
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

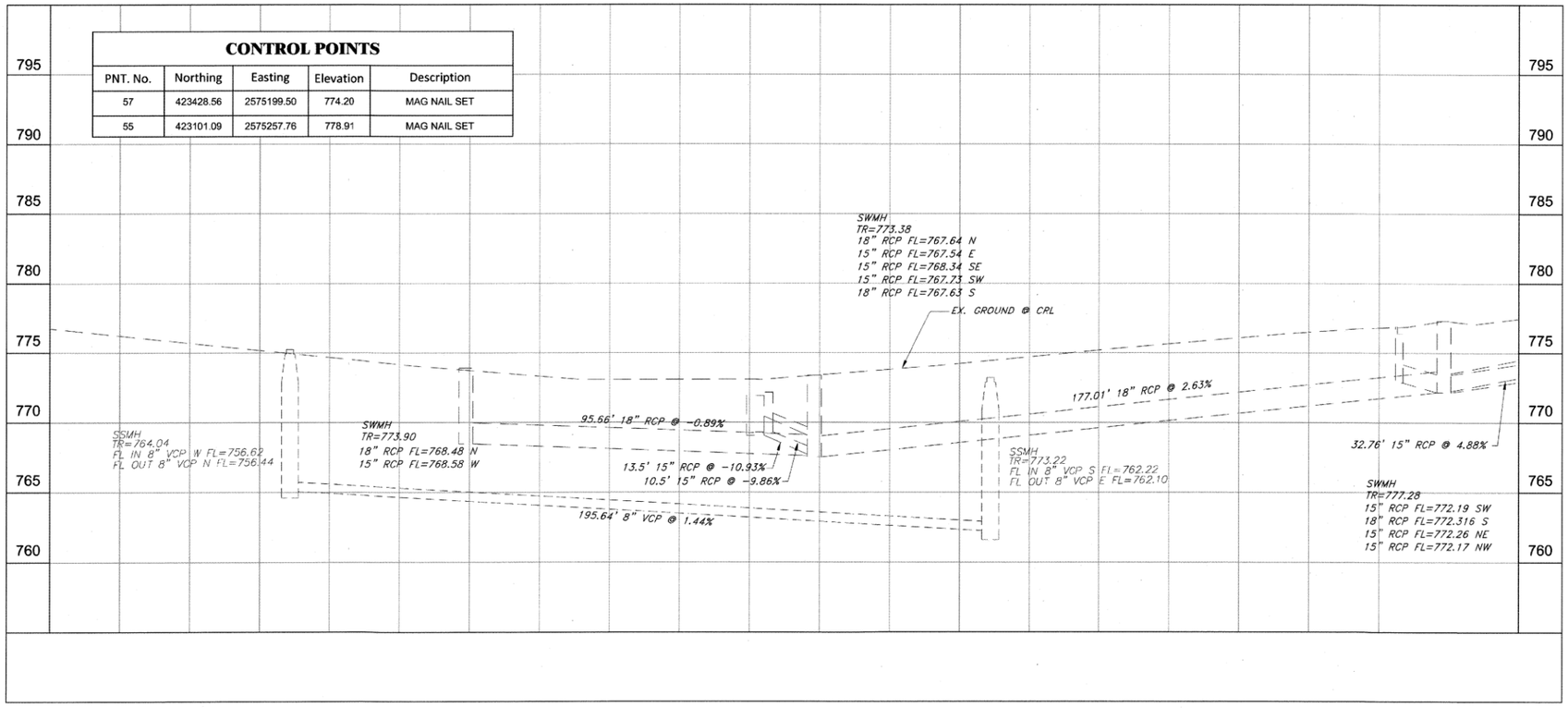
REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		
HORIZONTAL: 1"=20'	LEAD ENGR.		
	FIELD MGR.		
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		

APPROVED: CITY ENGINEER
FILE: DRAWING:
DATE: 1/4/2026
ATLAS PAGE NO: 12, 32
SHEET 69 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP01 (FLORENCE AVE.).dwg, 260114 - 1:06 PM, DEP





CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
57	423428.56	2575199.50	774.20	MAG NAIL SET
55	423101.09	2575257.76	778.91	MAG NAIL SET

Bench Mark #58

CHISELED SQUARE,
TLS CONTROL
N=423572.66
E=2575259.14
ELEV. 776.42

Bench Mark #56

CHISELED SQUARE,
TLS CONTROL
N=423199.78
E=2575194.83
ELEV. 777.42

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

(N) FLORENCE AVE PLAN & PROFILE (5 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

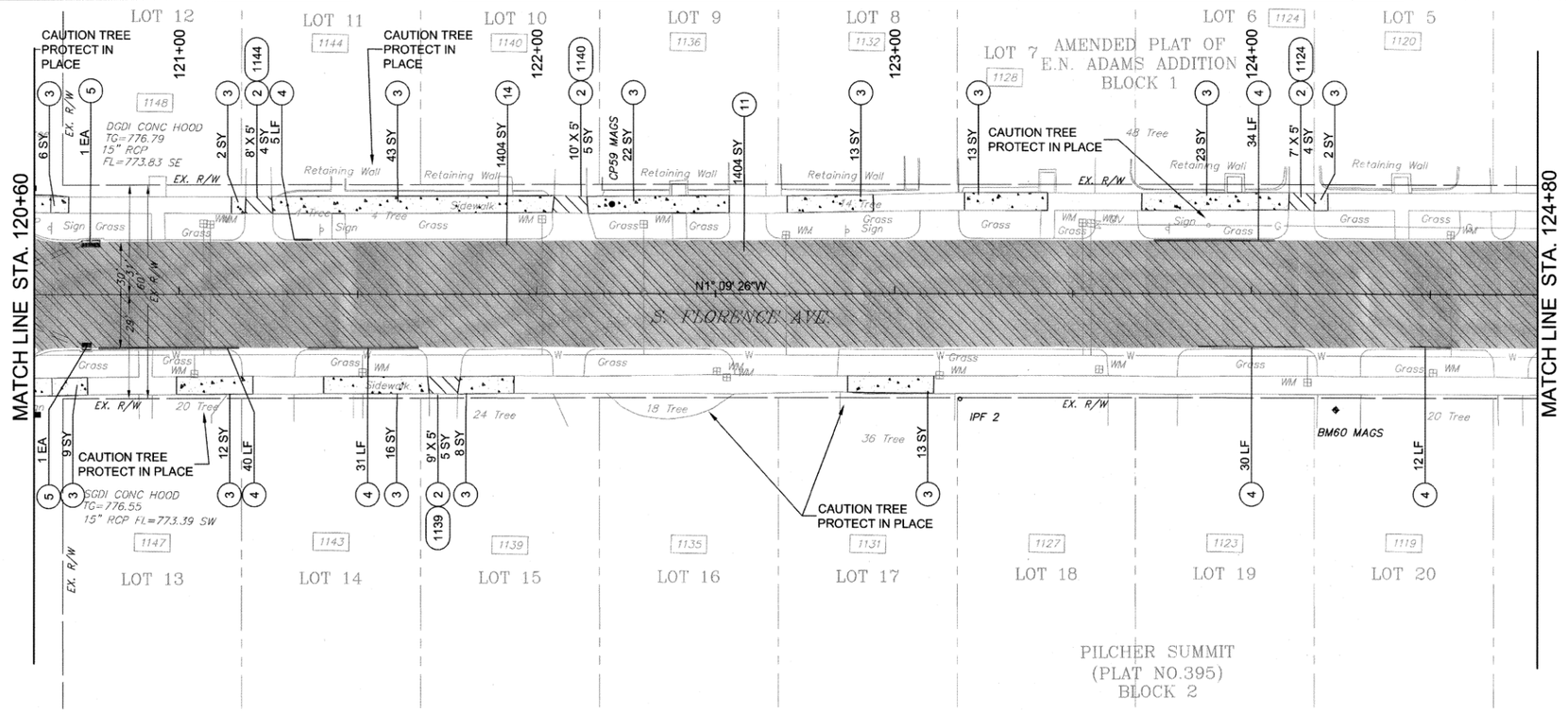
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

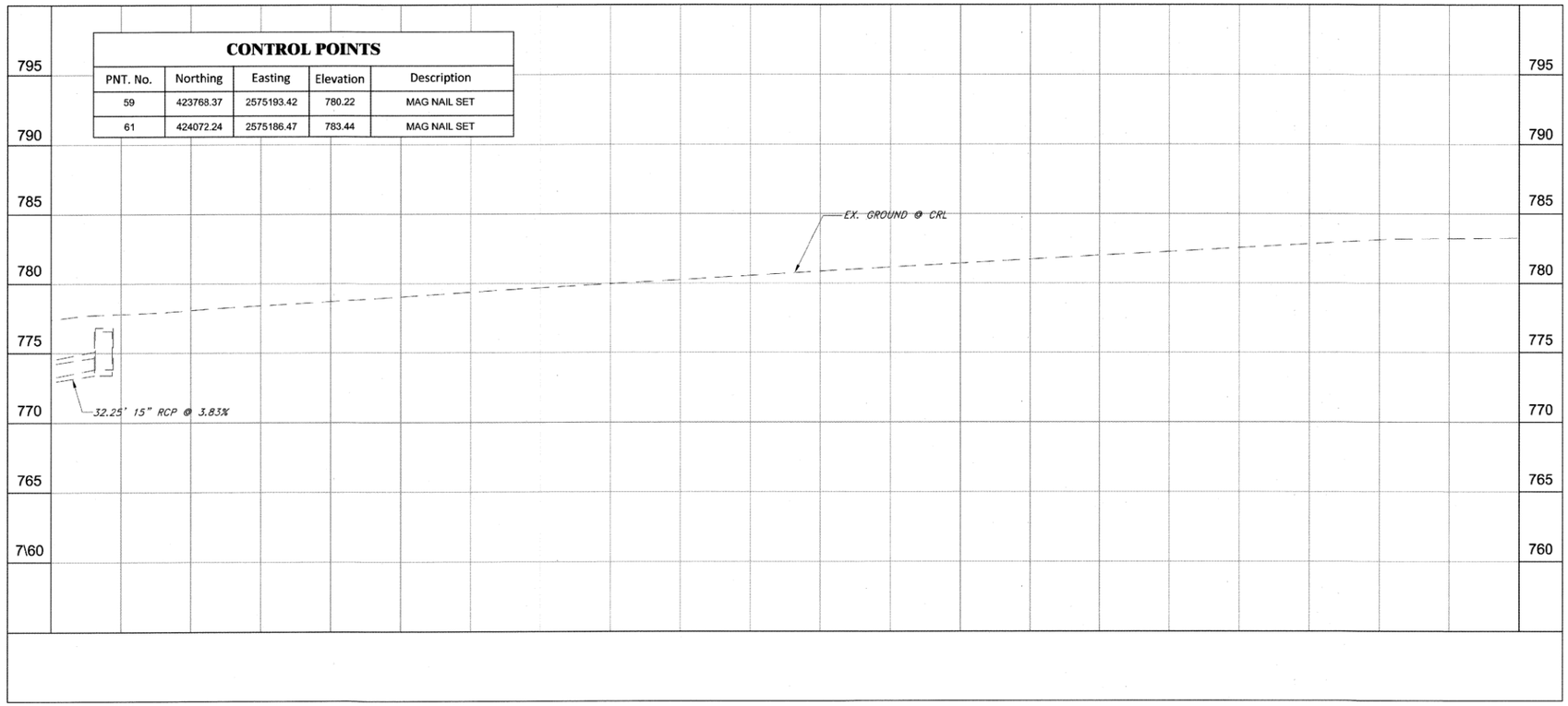
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.		1/2026	
	LEAD ENGR.		3/26	
	FIELD MGR.		3/26	
	RECOMMENDED DESIGN MANAGER	HAS	3·26	CITY ENGINEER
FILE:	DRAWING:			DATE: 11/4/2026
ATLAS PAGE NO: 12, 32				SHEET 70 OF 108 SHEETS

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Bench Mark #60
CHISELED SQUARE,
TLS CONTROL
N=423972.02
E=2575247.11
ELEV. 783.21

Bench Mark #58
CHISELED SQUARE,
TLS CONTROL
N=423572.66
E=2575259.14
ELEV. 776.42

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS
1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

REVISION	BY	DATE

(N) FLORENCE AVE PLAN & PROFILE (6 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

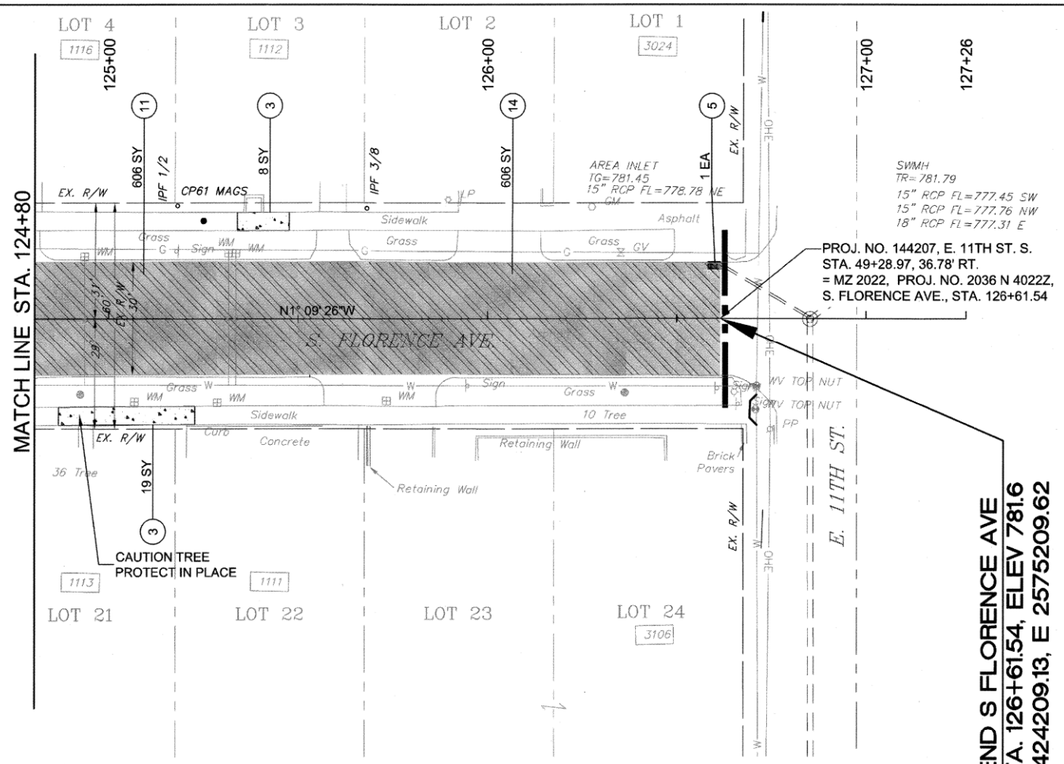
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.		1/2026
	LEAD ENGR.		3/26
	FIELD MGR.		3/26
	RECOMMENDED: DESIGN MANAGER	HAS	3-26

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 1/14/2026

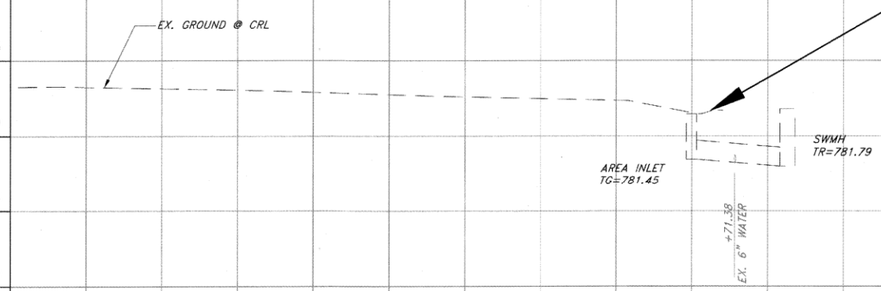
ATLAS PAGE NO: 12, 32 SHEET 71 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
59	423768.37	2575193.42	780.22	MAG NAIL SET
61	424072.24	2575186.47	783.44	MAG NAIL SET



Bench Mark #60

CHISELED SQUARE,
TLS CONTROL
N=423972.02
E=2575247.11
ELEV. 783.21

Bench Mark #58

CHISELED SQUARE,
TLS CONTROL
N=423572.66
E=2575259.14
ELEV. 776.42

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

OKLAHOMA PROFESSIONAL ENGINEER
Daniel B. Polasek
24920
01/15/2026

(N) FLORENCE AVE PLAN & PROFILE (7 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

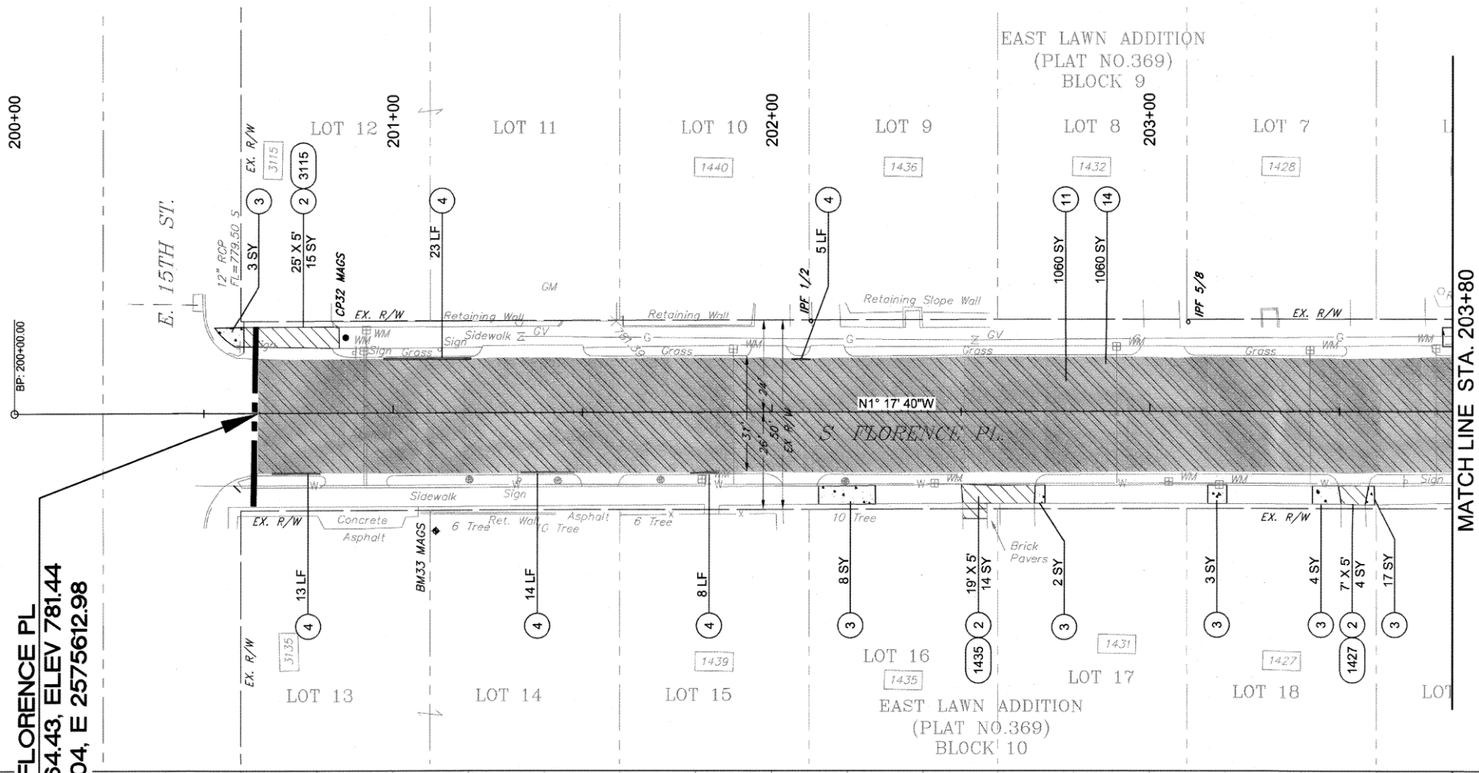
PLAN SCALE: 1"=20'
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'

DRAWN BY:	BKL	3/2025
DESIGNED BY:	BKL	3/2025
SURVEY BY:	TLS	2/2021
PROJ. MGR.	BKL	1/2026
LEAD ENGR.	DBP	1/26
FIELD MGR.	TLS	3/26
RECOMMENDED: DESIGN MANAGER	HAS	3-26

APPROVED: CITY ENGINEER

FILE: DRAWING:
ATLAS PAGE NO: 12, 32
DATE: 11/4/2026
SHEET 72 OF 108 SHEETS

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CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
32	421670.64	2575592.48	781.57	MAG NAIL SET
34	422038.16	2575584.64	779.74	MAG NAIL SET

Bench Mark #33

MAG NAIL SET,
TLS CONTROL
N=421695.56
E=2575643.09
ELEV. 781.99

Bench Mark #35

CHISELED SQUARE,
TLS CONTROL
N=422286.07
E=2575565.87
ELEV. 777.03

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
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9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

FLORENCE PL PLAN & PROFILE (1 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	TKH	1/30/26
HORIZONTAL: 1"=20'	LEAD ENGR.	DEP	1/26
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	TKH 1/26 HAS 3-26	

APPROVED: CITY ENGINEER

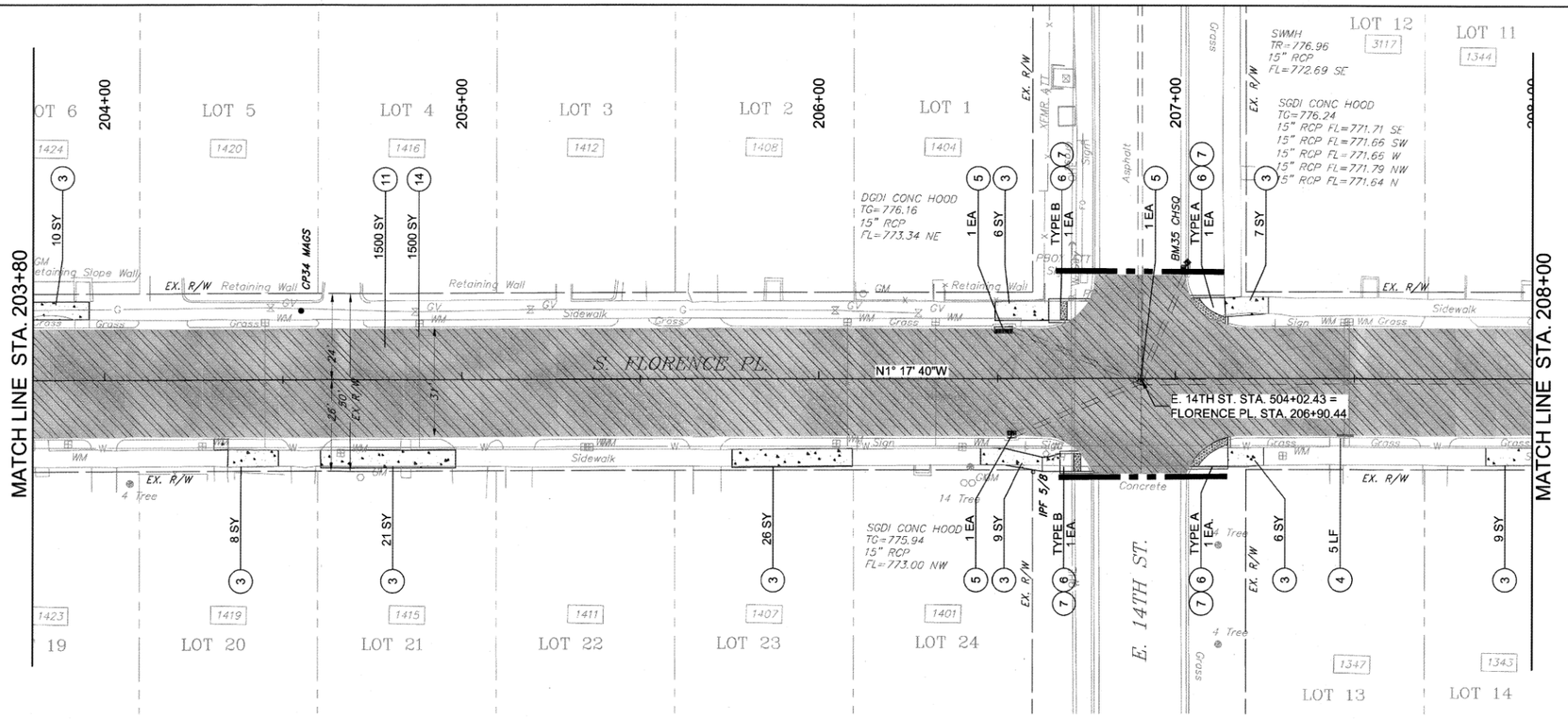
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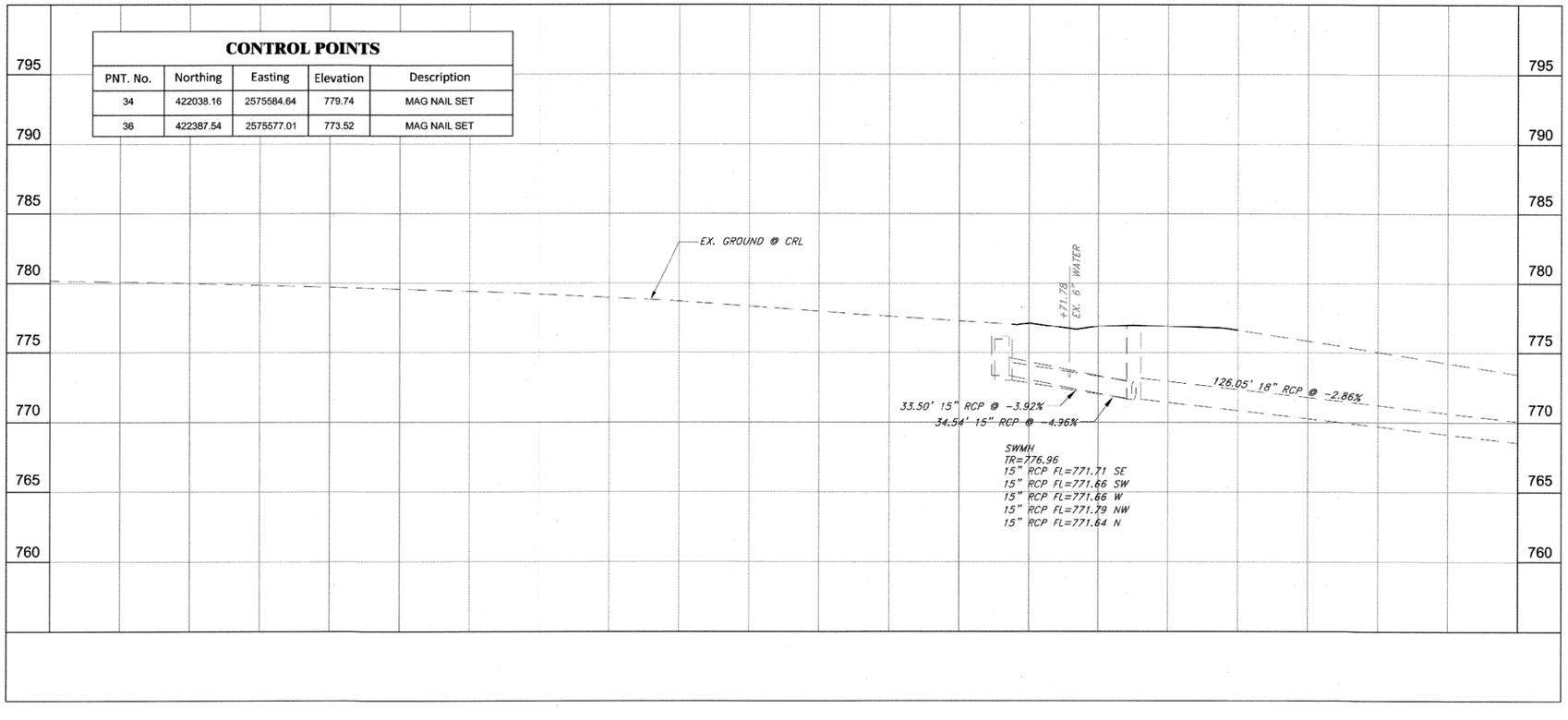
DATE: 1/4/2026

ATLAS PAGE NO: 12, 32

SHEET 73 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
34	422038.16	2575584.64	779.74	MAG NAIL SET
36	422387.54	2575577.01	773.52	MAG NAIL SET

Bench Mark #35

CHISELED SQUARE,
TLS CONTROL
N=422286.07
E=2575565.87
ELEV. 777.03

Bench Mark #37

CHISELED SQUARE,
TLS CONTROL
N=422579.57
E=2575569.06
ELEV. 773.60

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) MILL AREA
PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

REVISION	BY	DATE

FLORENCE PL PLAN & PROFILE (2 OF 7)

PROJ. 2036 N 4022Z

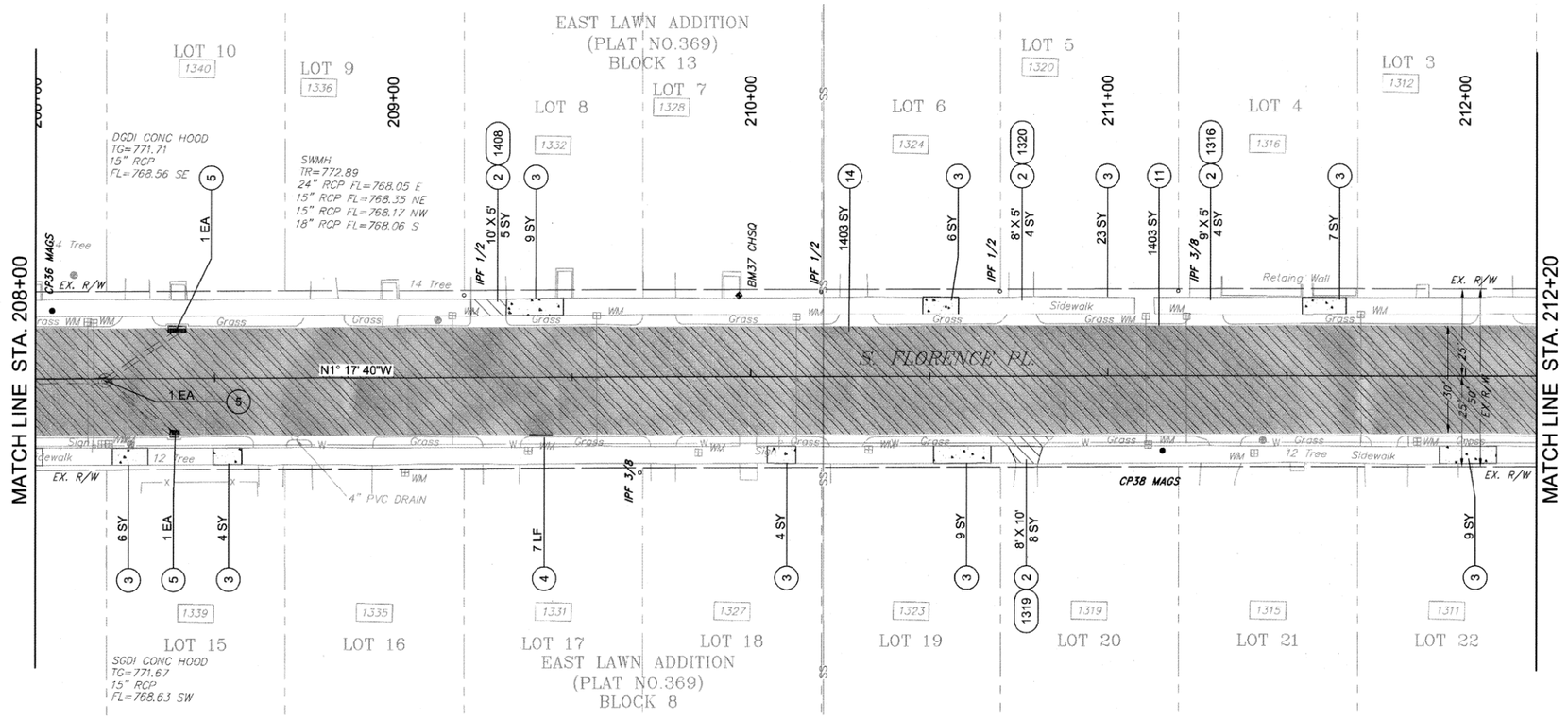
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

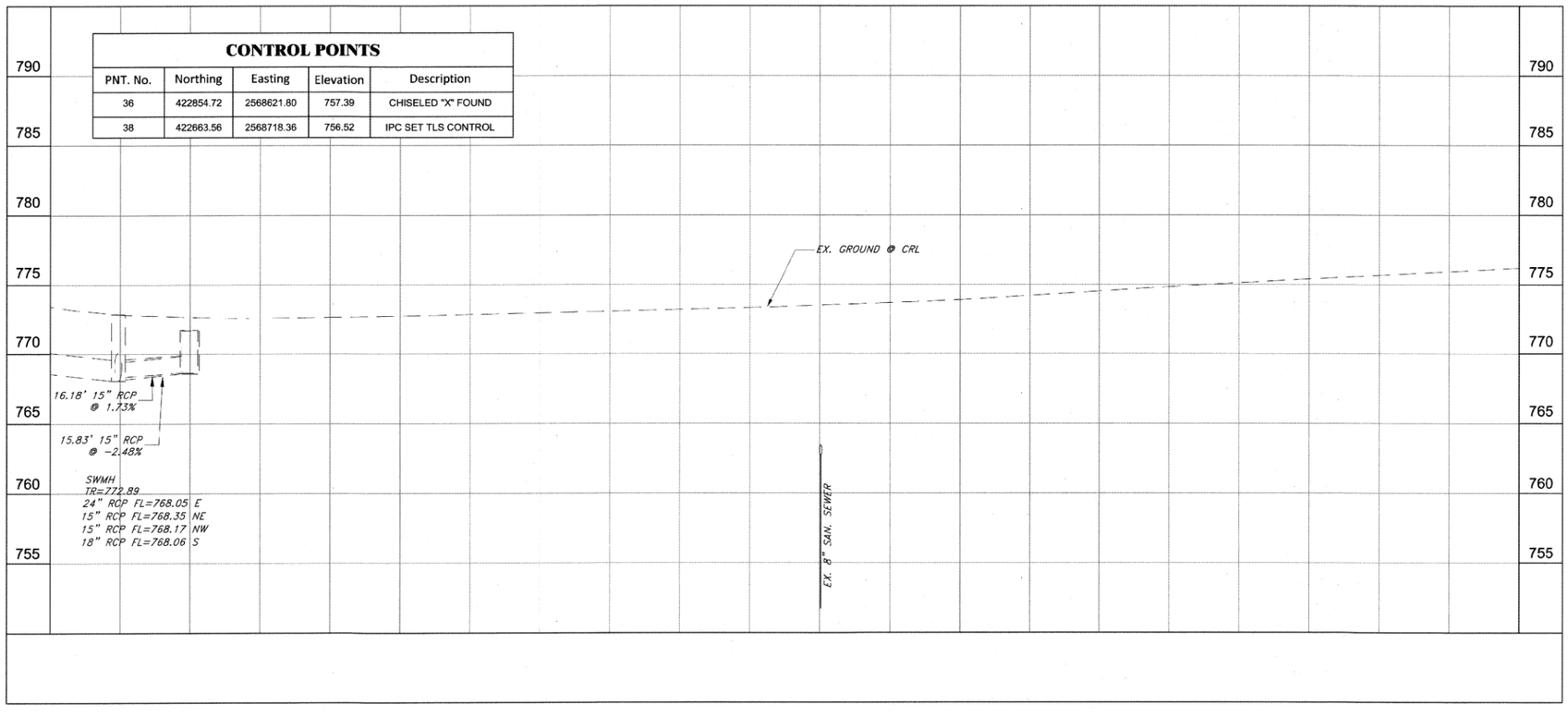
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.	DEP	1/2026	
HORIZONTAL: 1"=20'	LEAD ENGR.	BKL	3/25	
	FIELD MGR.	BKL	3/26	
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	DEP 1/26 HAS 3-26		CITY ENGINEER
FILE:	DRAWING:			DATE: 11/4/2026
ATLAS PAGE NO: 12, 32				SHEET 74 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
36	422854.72	2568621.80	757.39	CHISELED "X" FOUND
38	422663.56	2568718.36	756.52	IPC SET TLS CONTROL

Bench Mark #37

CHISELED SQUARE,
TLS CONTROL
N=422579.57
E=2575569.06
ELEV. 773.60

Bench Mark #39

CHISELED SQUARE,
TLS CONTROL
N=422987.27
E=2575608.69
ELEV. 778.83

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) MILL AREA

PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

REVISION	BY	DATE

FLORENCE PL PLAN & PROFILE (3 OF 7)

PROJ. 2036 N 4022Z

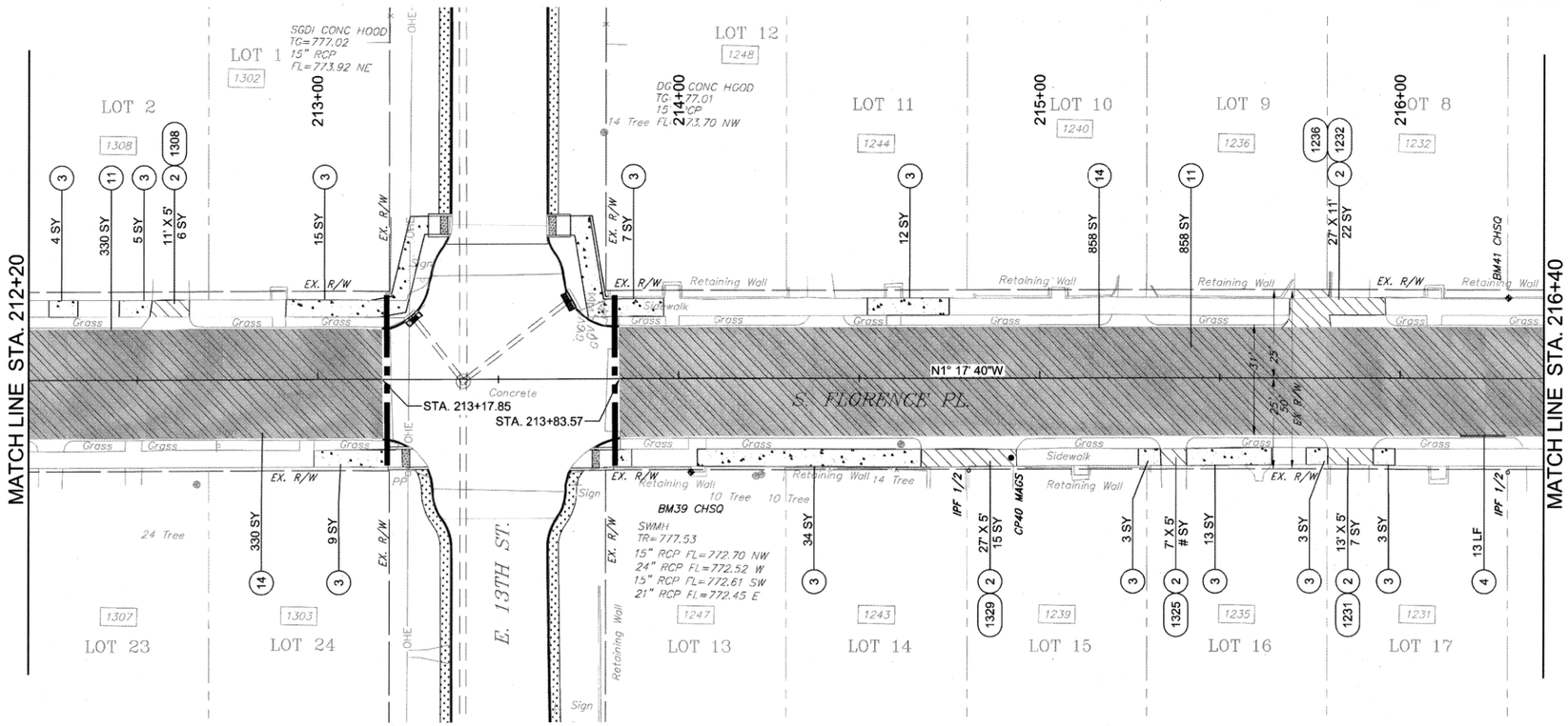
NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

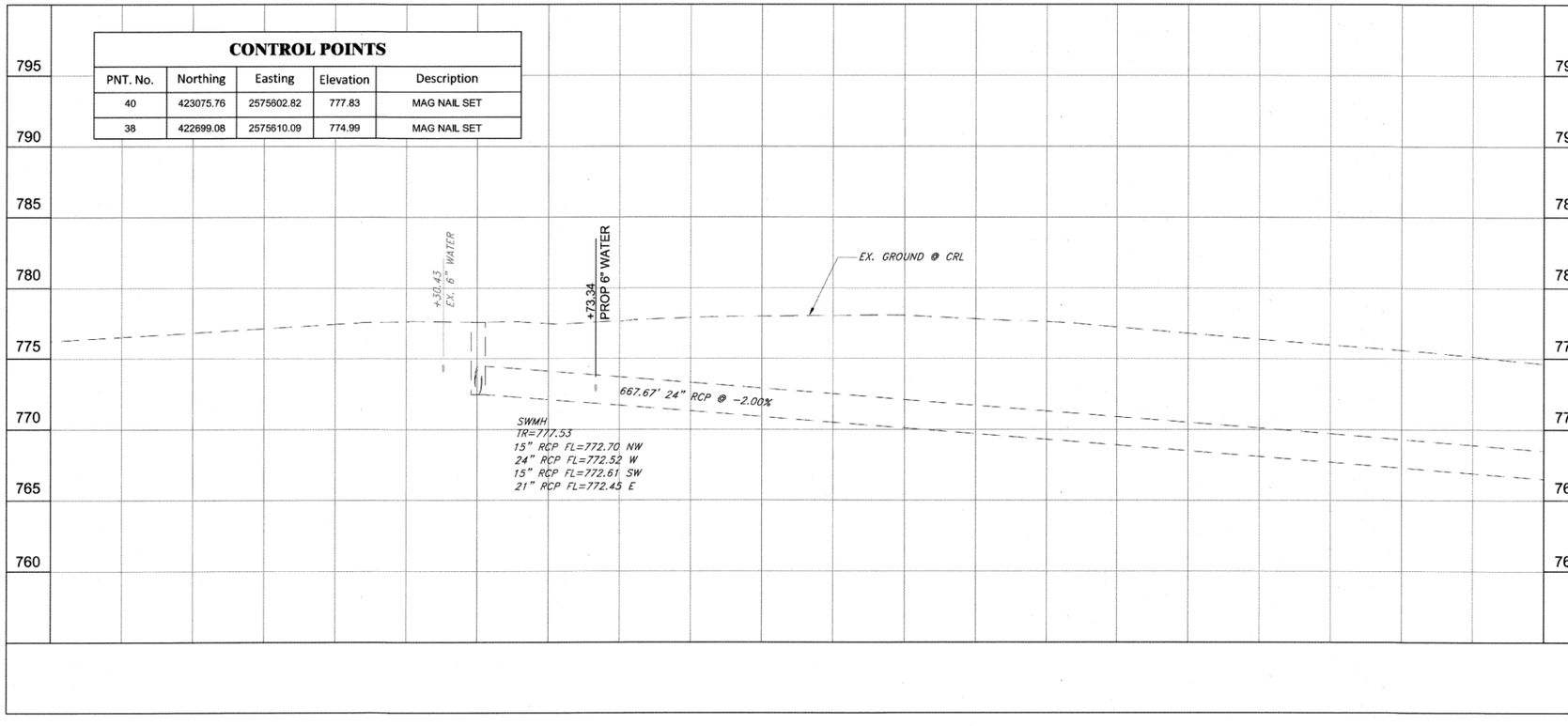
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.	DKO	1/2026	
HORIZONTAL: 1"=20'	LEAD ENGR.	DP	2/26	
	FIELD MGR.	Dan	3/26	
VERTICAL: 1"=5'	RECOMMENDED DESIGN MANAGER	PP 1/26	HAS 3-26	CITY ENGINEER
FILE:	DRAWING:			DATE: 11/9/2026
ATLAS PAGE NO: 12, 32				SHEET 75 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP08 (FLORENCE PL).dwg, 260114 - 1:17 PM, DEP



CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
40	423075.76	2575602.82	777.83	MAG NAIL SET
38	422699.08	2575610.09	774.99	MAG NAIL SET



Bench Mark #39

CHISELED SQUARE,
TLS CONTROL
N=422987.27
E=2575608.69
ELEV. 778.83

Bench Mark #41

CHISELED SQUARE,
TLS CONTROL
N=423212.76
E=2575555.10
ELEV. 776.00

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

OKLAHOMA LICENSED PROFESSIONAL ENGINEER
Daniel E. Polacek
24920
01/15/2026

FLORENCE PL PLAN & PROFILE (4 OF 7)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

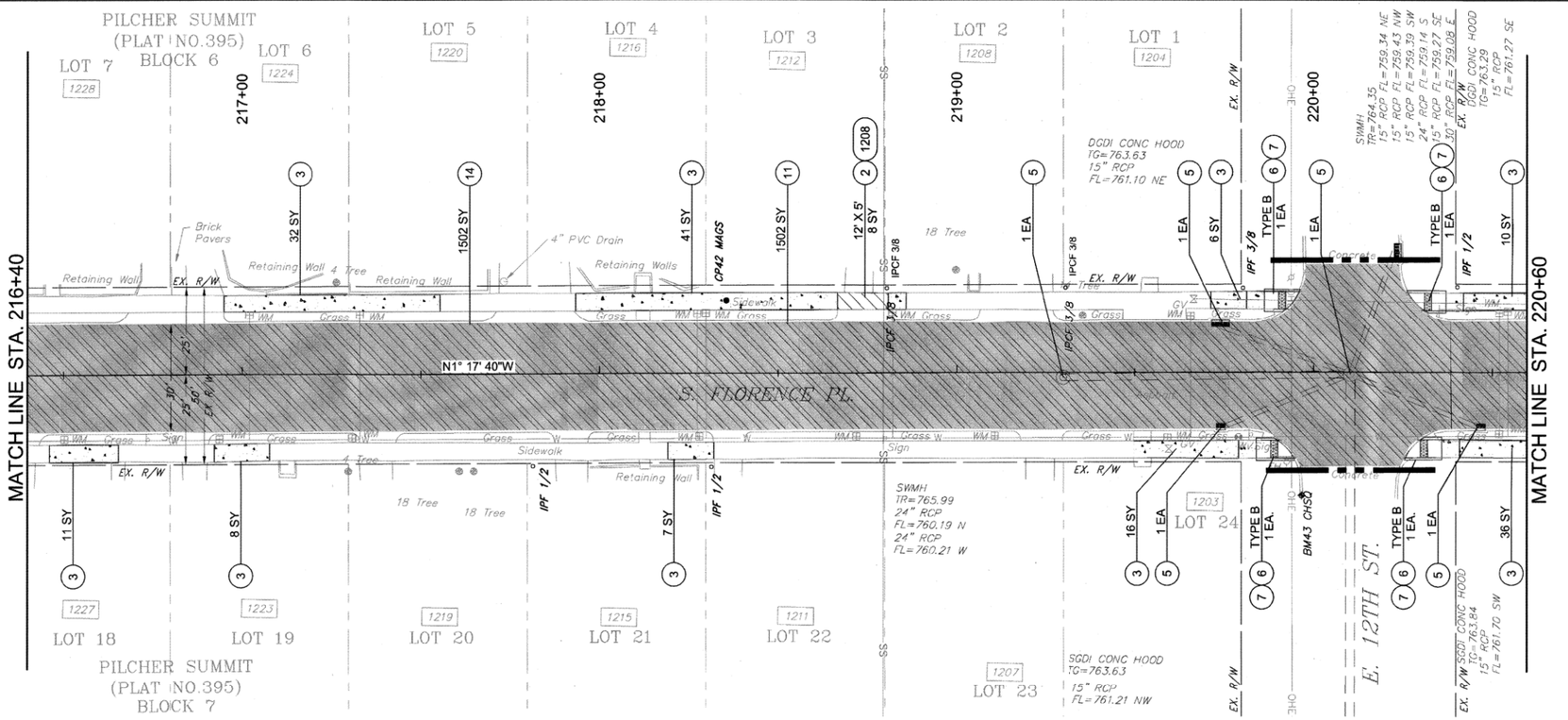
REVISION	BY	DATE

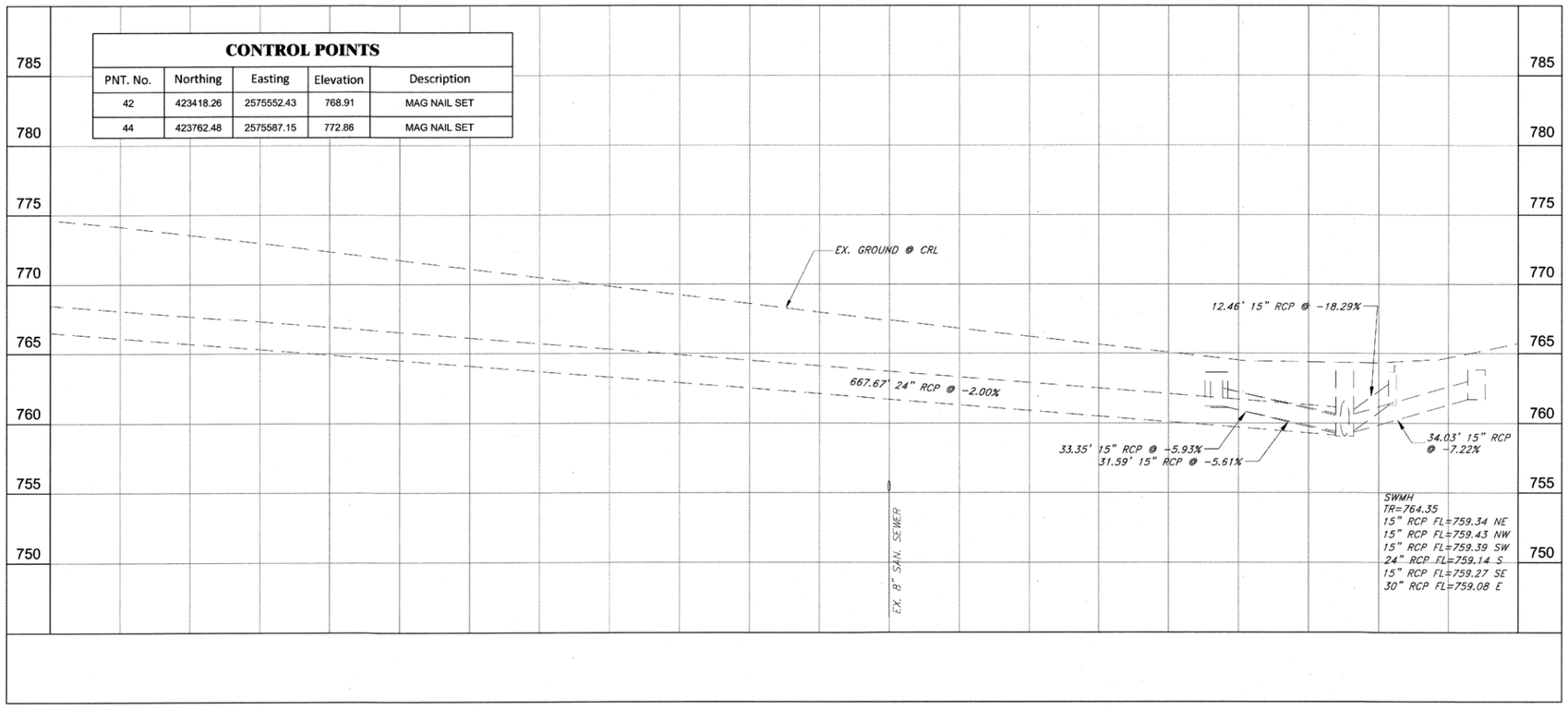
PLAN SCALE: 1"=20'
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'

DRAWN BY:	BKL	3/2025
DESIGNED BY:	BKL	3/2025
SURVEY BY:	TLS	2/2021
PROJ. MGR.		1/2026
LEAD ENGR.		3/26
FIELD MGR.		3/26
RECOMMENDED: DESIGN MANAGER		3-26

APPROVED: CITY ENGINEER
FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: 12, 32
SHEET 76 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP08 (FLORENCE PL).dwg, 260114 - 1:19 PM, DEP





CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
42	423418.26	2575552.43	768.91	MAG NAIL SET
44	423762.48	2575587.15	772.86	MAG NAIL SET

Bench Mark #43

CHISELED SQUARE,
TLS CONTROL
N=423580.58
E=2575603.84
ELEV. 764.31

Bench Mark #41

CHISELED SQUARE,
TLS CONTROL
N=423212.76
E=2575555.10
ELEV. 776.00

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) MILL AREA
PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

[1] PROP. MANHOLE
<2> PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

FLORENCE PL PLAN & PROFILE (5 OF 7)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

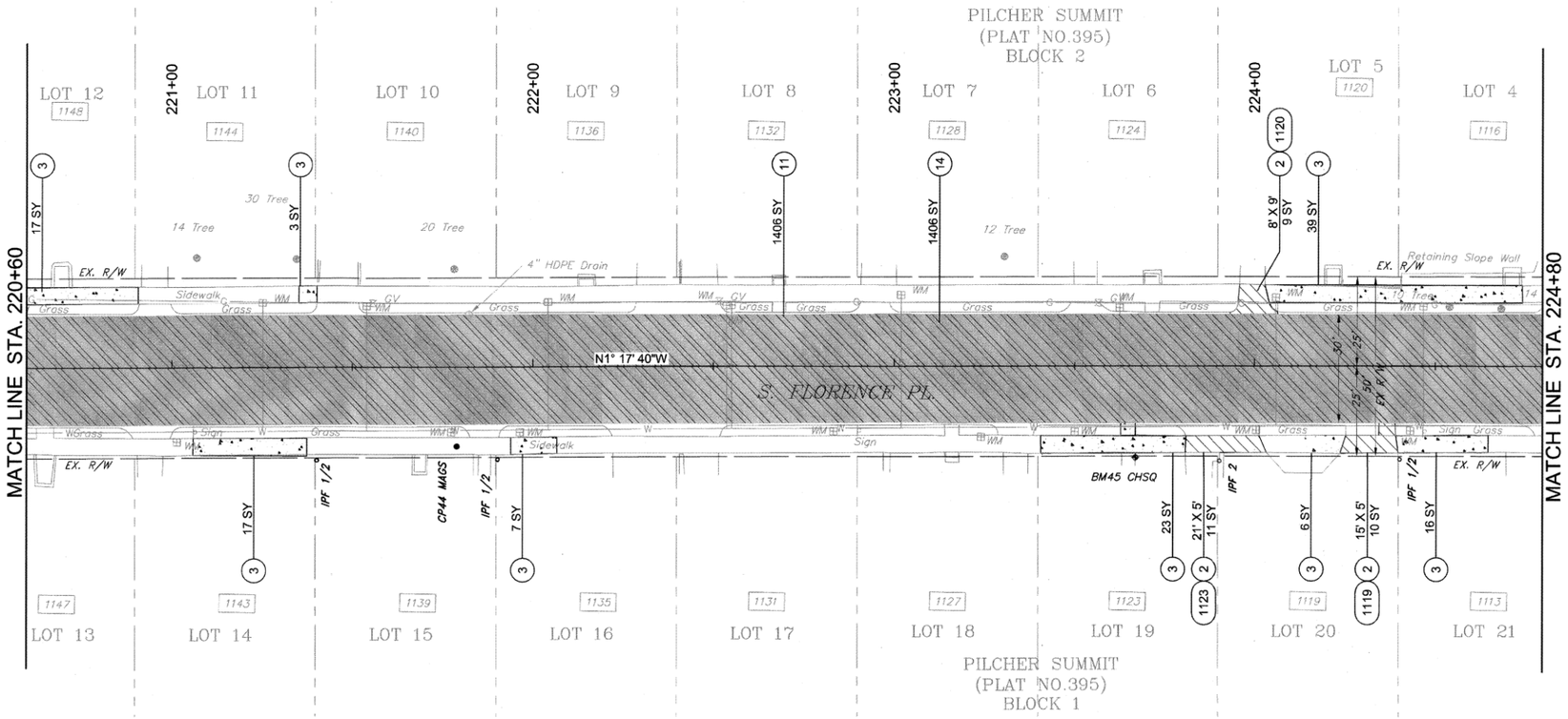
REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.	MJD	1/20/26
	LEAD ENGR.	DP	5/26
	FIELD MGR.		5/26
	RECOMMENDED: DESIGN MANAGER	HAS	3-26

APPROVED: CITY ENGINEER

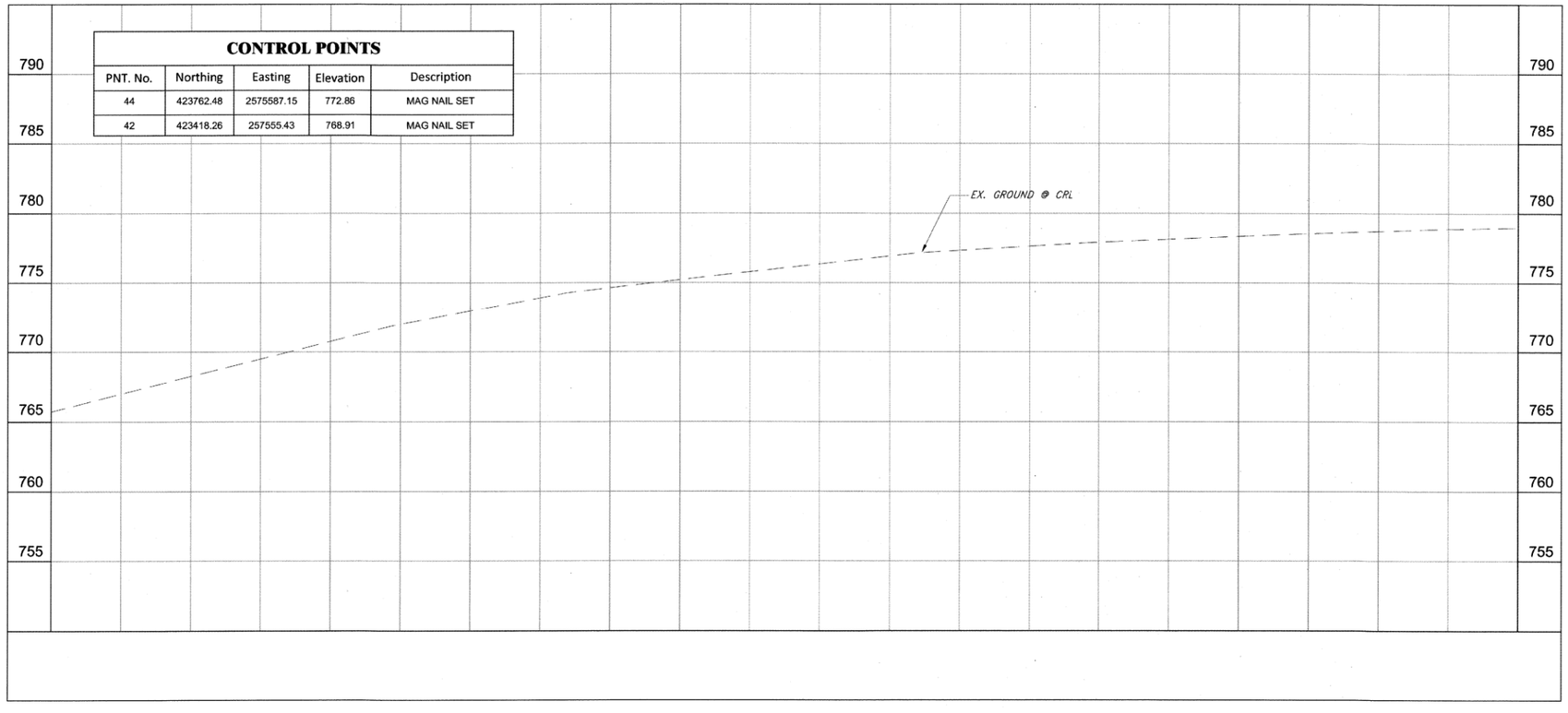
FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: 12, 32
SHEET 77 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP08 (FLORENCE PL).dwg, 260114 - 1:29 PM, DEP



CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
44	423762.48	2575587.15	772.86	MAG NAIL SET
42	423418.26	257555.43	768.91	MAG NAIL SET



Bench Mark #45

CHISELED SQUARE,
TLS CONTROL
N=423950.51
E=2575586.26
ELEV. 778.47

Bench Mark #43

CHISELED SQUARE,
TLS CONTROL
N=423580.58
E=2575603.84
ELEV. 764.31

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) MILL AREA

PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

[1] PROP. MANHOLE
<1> PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polaski
24920
OKLAHOMA
01/15/2026

FLORENCE PL PLAN & PROFILE (6 OF 7)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

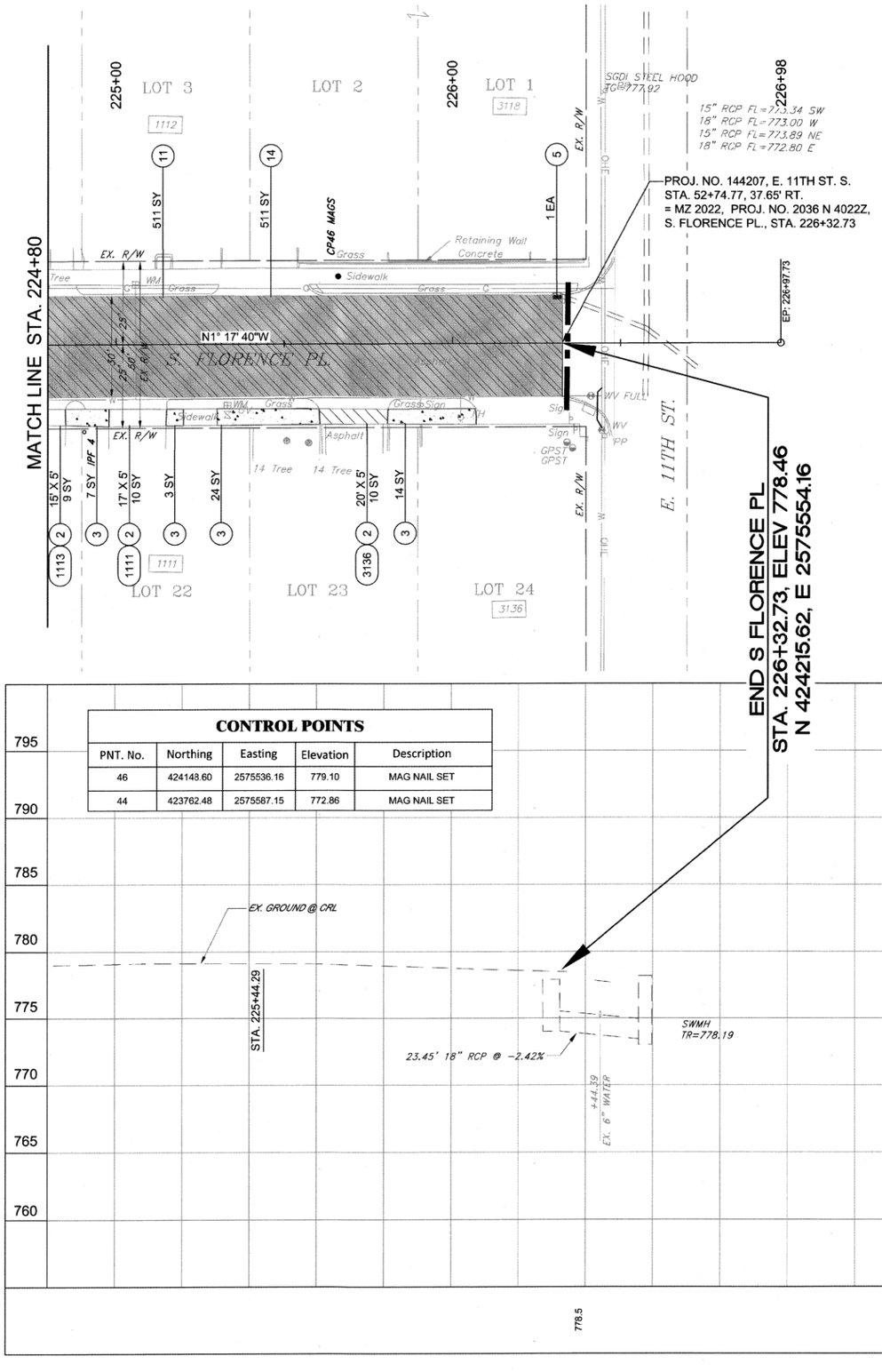
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.		1/20/26	
	LEAD ENGR.		1/26	
	FIELD MGR.		3/26	
	RECOMMENDED DESIGN MANAGER	HAS	3-26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026
ATLAS PAGE NO: 12, 32 SHEET 78 OF 108 SHEETS

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Bench Mark #45

CHISELED SQUARE,
TLS CONTROL
N=423950.51
E=2575586.26
ELEV. 778.47

Bench Mark #43

CHISELED SQUARE,
TLS CONTROL
N=4423580.58
E=2575603.84
ELEV. 764.31

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

FLORENCE PL PLAN & PROFILE (7 OF 7)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

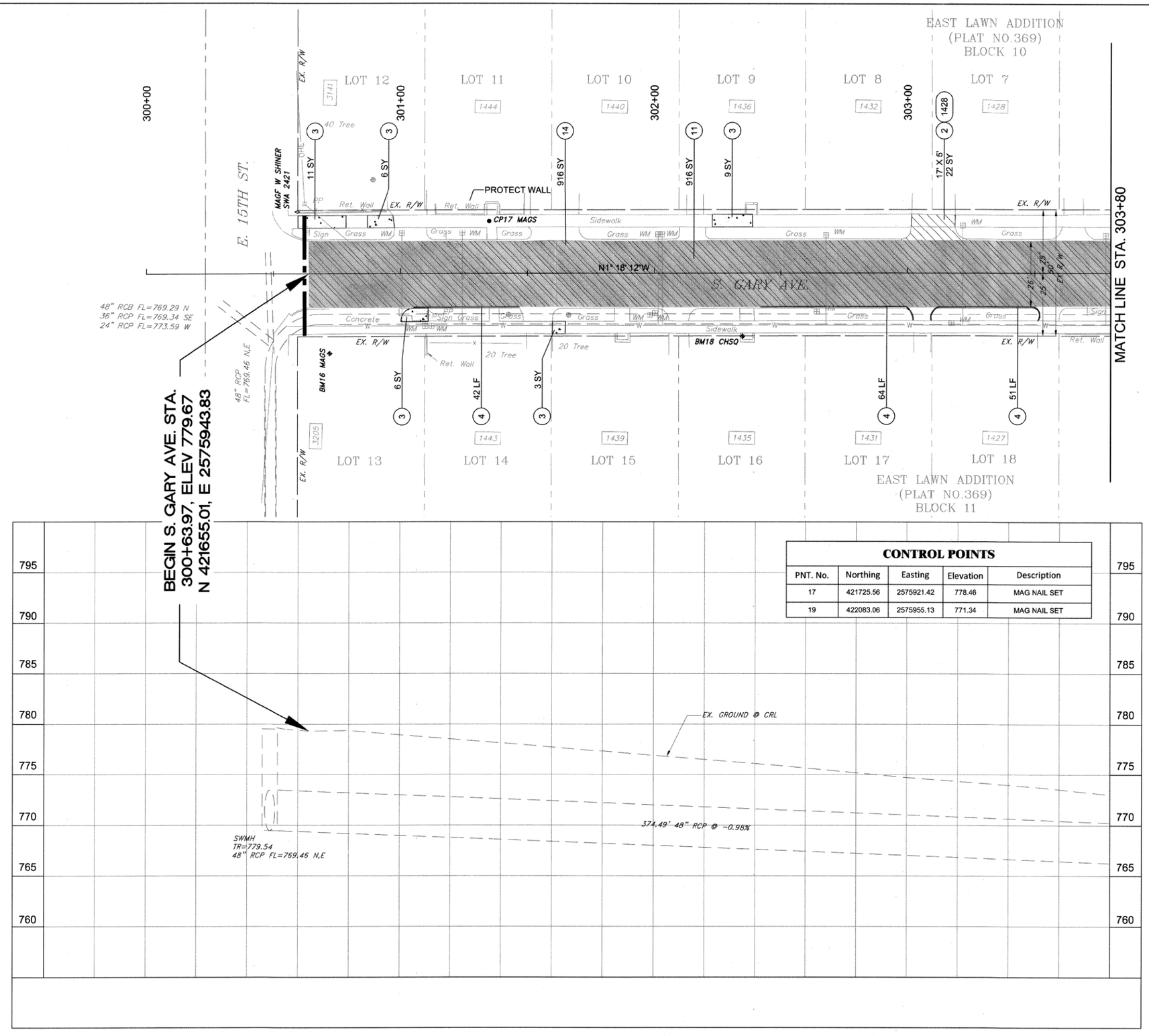
PLAN SCALE: 1"=20'
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'

DRAWN BY:	BKL	3/2025
DESIGNED BY:	BKL	3/2025
SURVEY BY:	TLS	2/2021
PROJ. MGR.		
LEAD ENGR.		
FIELD MGR.		
RECOMMENDED: DESIGN MANAGER	HAS 3-26	

APPROVED: CITY ENGINEER

FILE: DRAWING:
ATLAS PAGE NO: 12, 32
DATE: 11/4/2026
SHEET 79 OF 108 SHEETS

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CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
17	421725.56	2575921.42	778.46	MAG NAIL SET
19	422083.06	2575955.13	771.34	MAG NAIL SET

Bench Mark #16

MAG NAIL SET,
TLS CONTROL
N=41663.95
E=2575975.07
ELEV. 779.76

Bench Mark #18

CHISELED SQUARE,
TLS CONTROL
N=421826.21
E=2575964.85
ELEV. 776.38

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) MILL AREA

PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

GARY AVE PLAN & PROFILE (1 OF 7)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

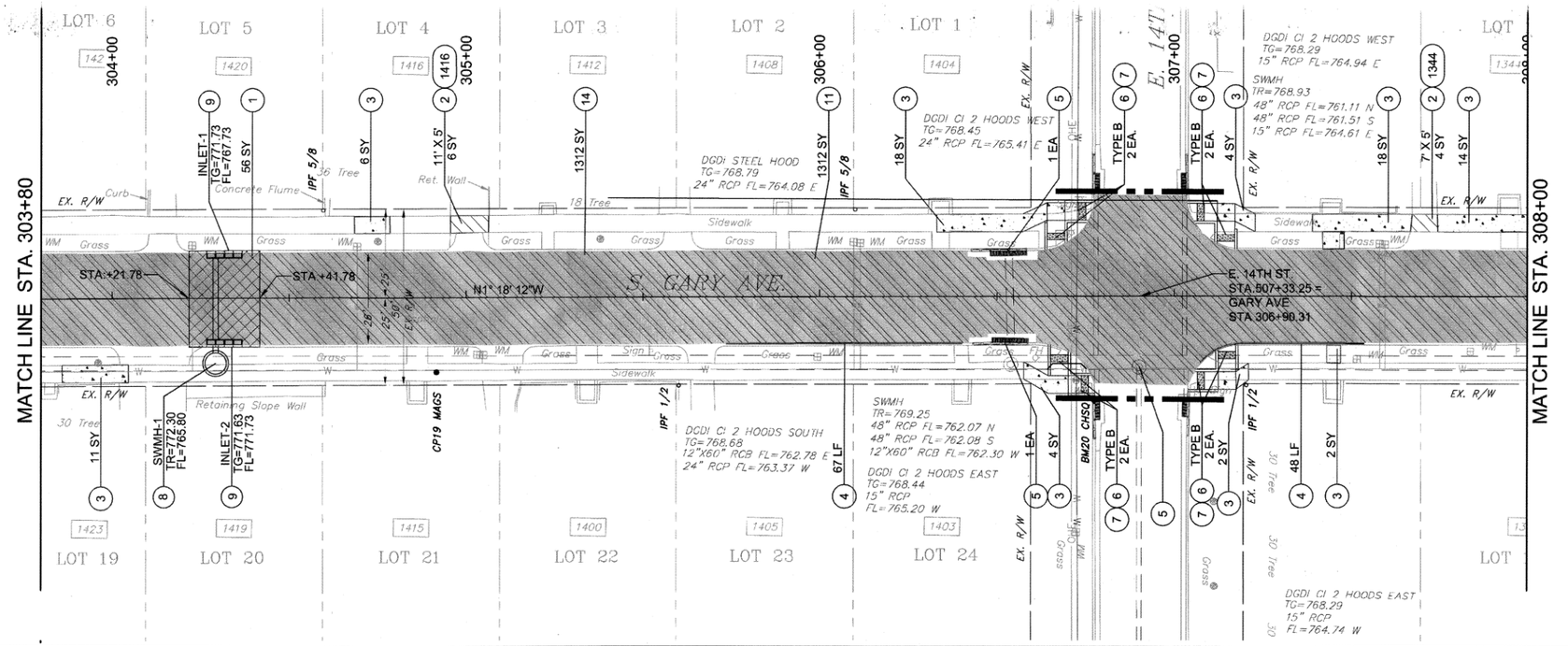
PLAN SCALE: 1"=20'
PROFILE SCALE
HORIZONTAL: 1"=20'
VERTICAL: 1"=5'

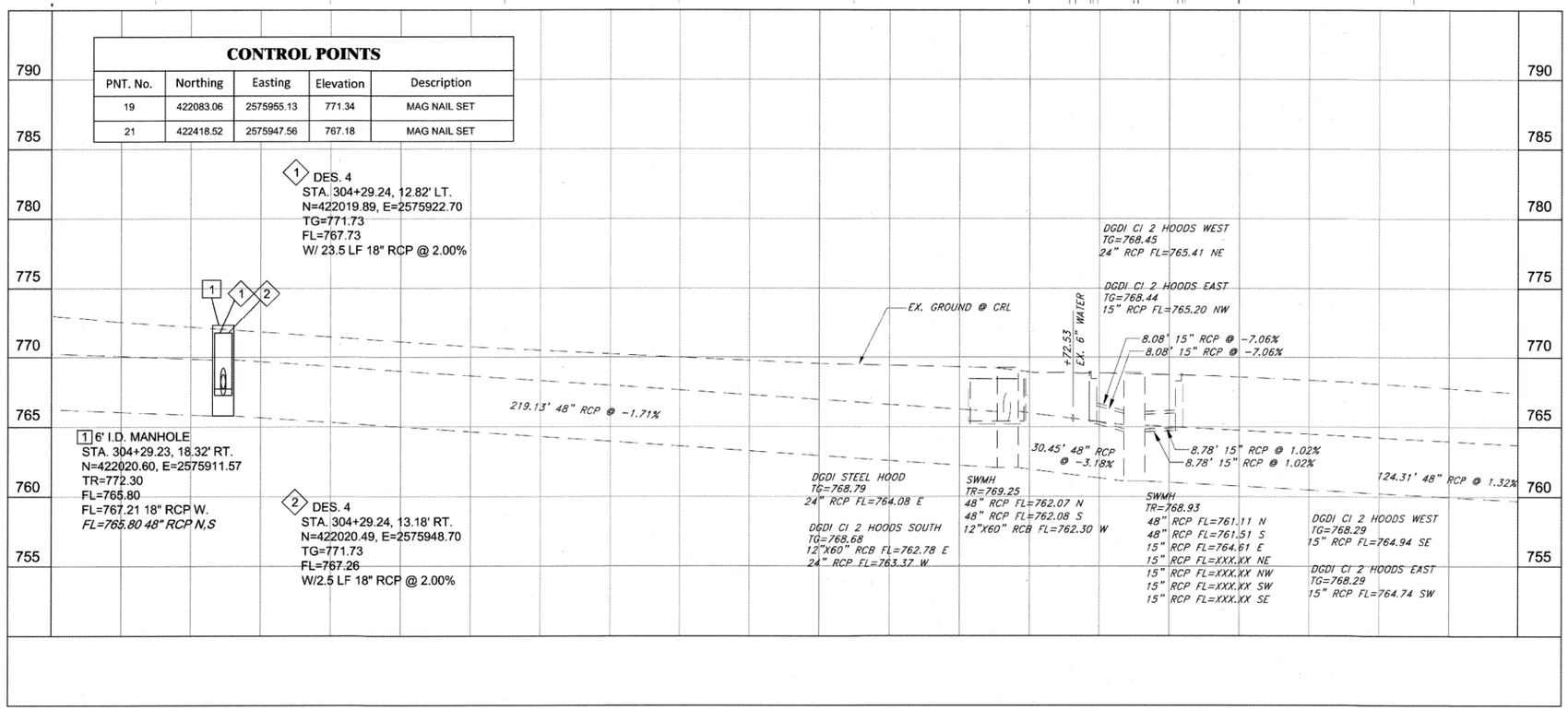
DRAWN BY:	BKL	3/2025
DESIGNED BY:	BKL	3/2025
SURVEY BY:	TLS	2/2021
PROJ. MGR.		11/2026
LEAD ENGR.		2/26
FIELD MGR.		3/26
RECOMMENDED: DESIGN MANAGER	HAS 3.26	

APPROVED: CITY ENGINEER

FILE: DRAWING:
ATLAS PAGE NO: 12, 32
DATE: 11/4/2026
SHEET 80 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP15 (GARY AVE.).dwg, 260114 - 1:39 PM, DEP





E=2575959.21
ELEV. 769.00

Bench Mark #18

CHISELED SQUARE,
TLS CONTROL
N=421826.21
E=2575964.85
ELEV. 776.38

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

GARY AVE PLAN & PROFILE (2 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

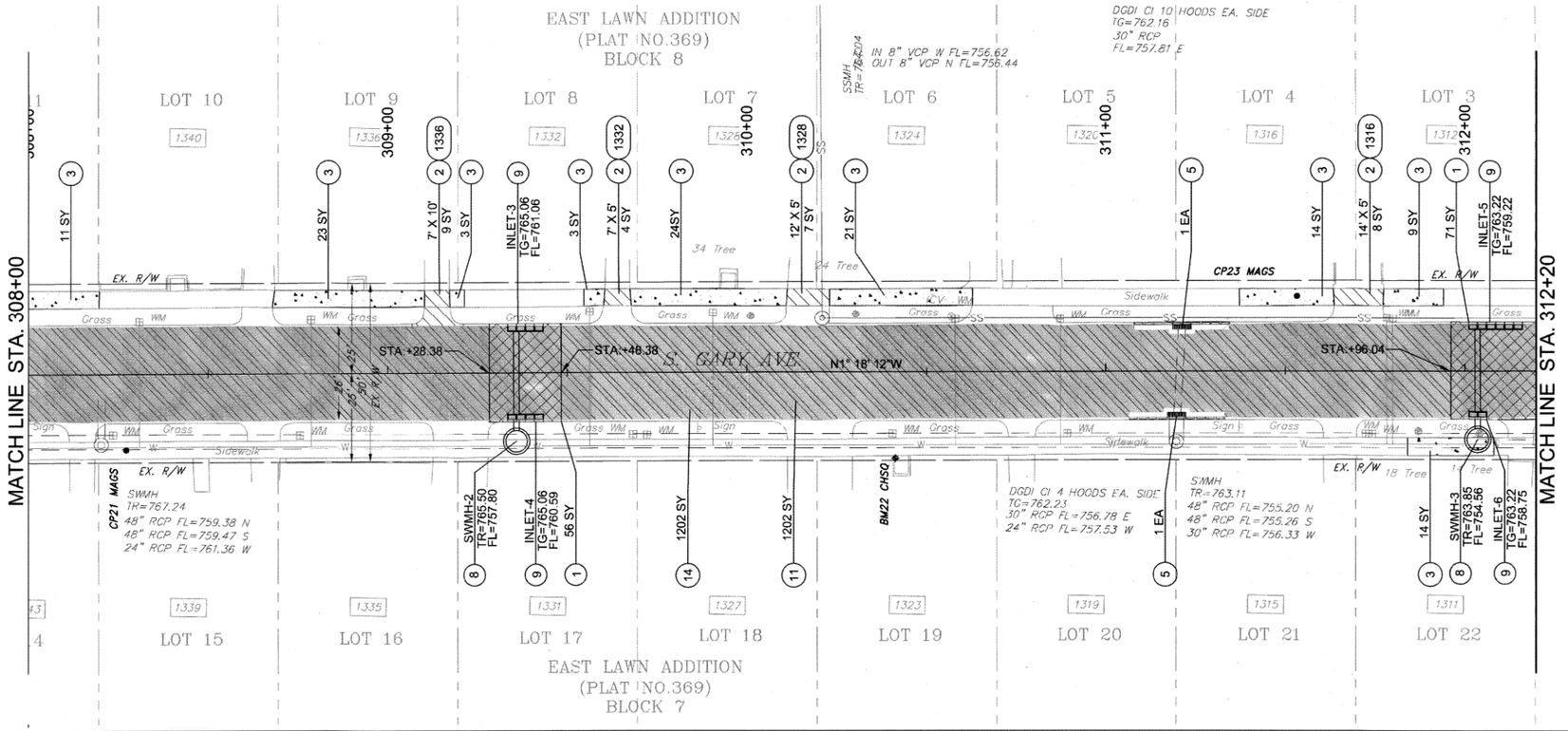
REVISION	BY	DATE

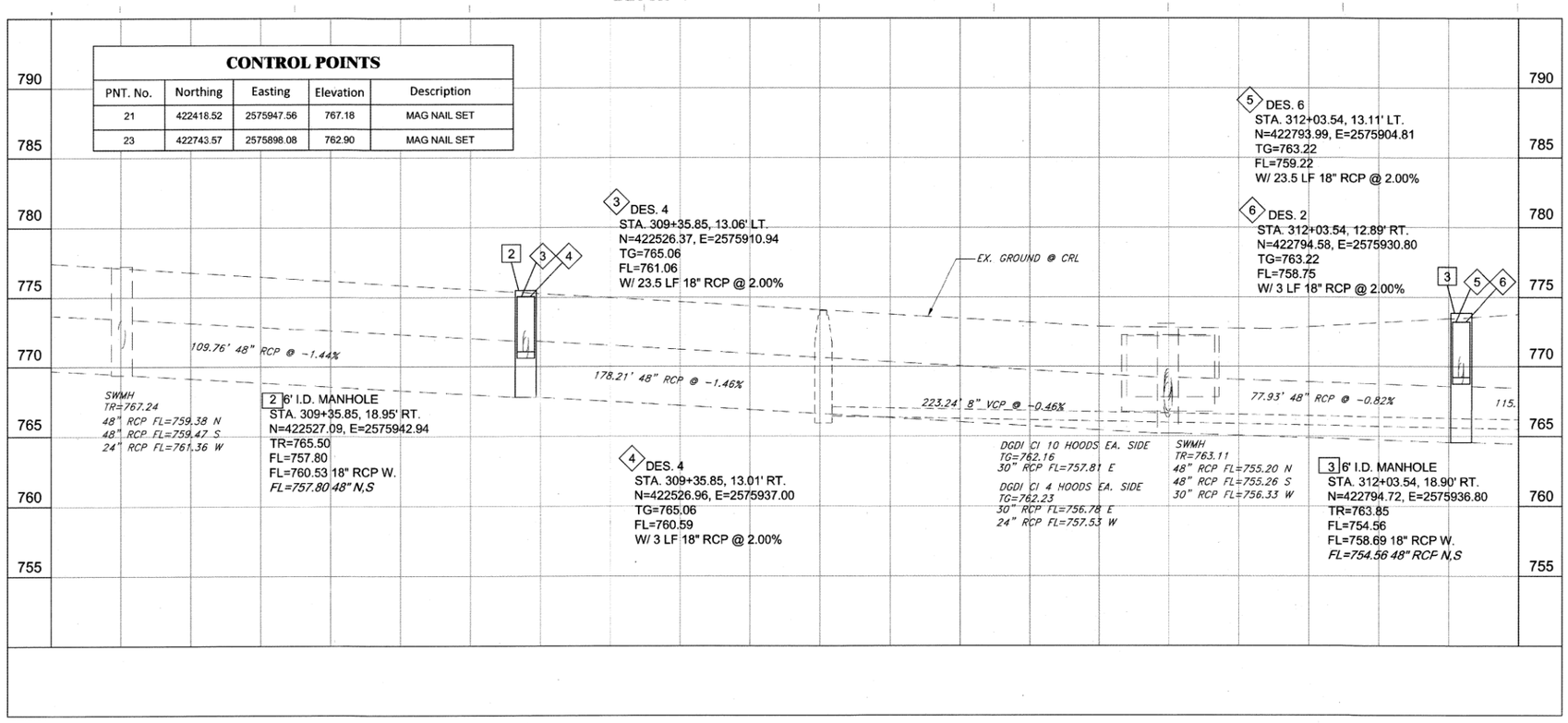
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		
HORIZONTAL: 1"=20'	LEAD ENGR.		
	FIELD MGR.		
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		

APPROVED:
CITY ENGINEER

FILE: DRAWING:
DATE: 11/4/2021
ATLAS PAGE NO: 12, 32
SHEET 81 OF 108 SHEETS

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Bench Mark #22

CHISELED SQUARE,
TLS CONTROL
N=422632.54
E=2575945.62
ELEV. 764.01

Bench Mark #20

CHISELED SQUARE,
TLS CONTROL
N=422268.96
E=2575959.21
ELEV. 769.00

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) MILL AREA
PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

(1) PROP. MANHOLE
(2) PROP. INLET

Daniel E. Polosky
24920
OKLAHOMA
PROFESSIONAL ENGINEER
01/15/2026

GARY AVE PLAN & PROFILE (3 OF 7)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

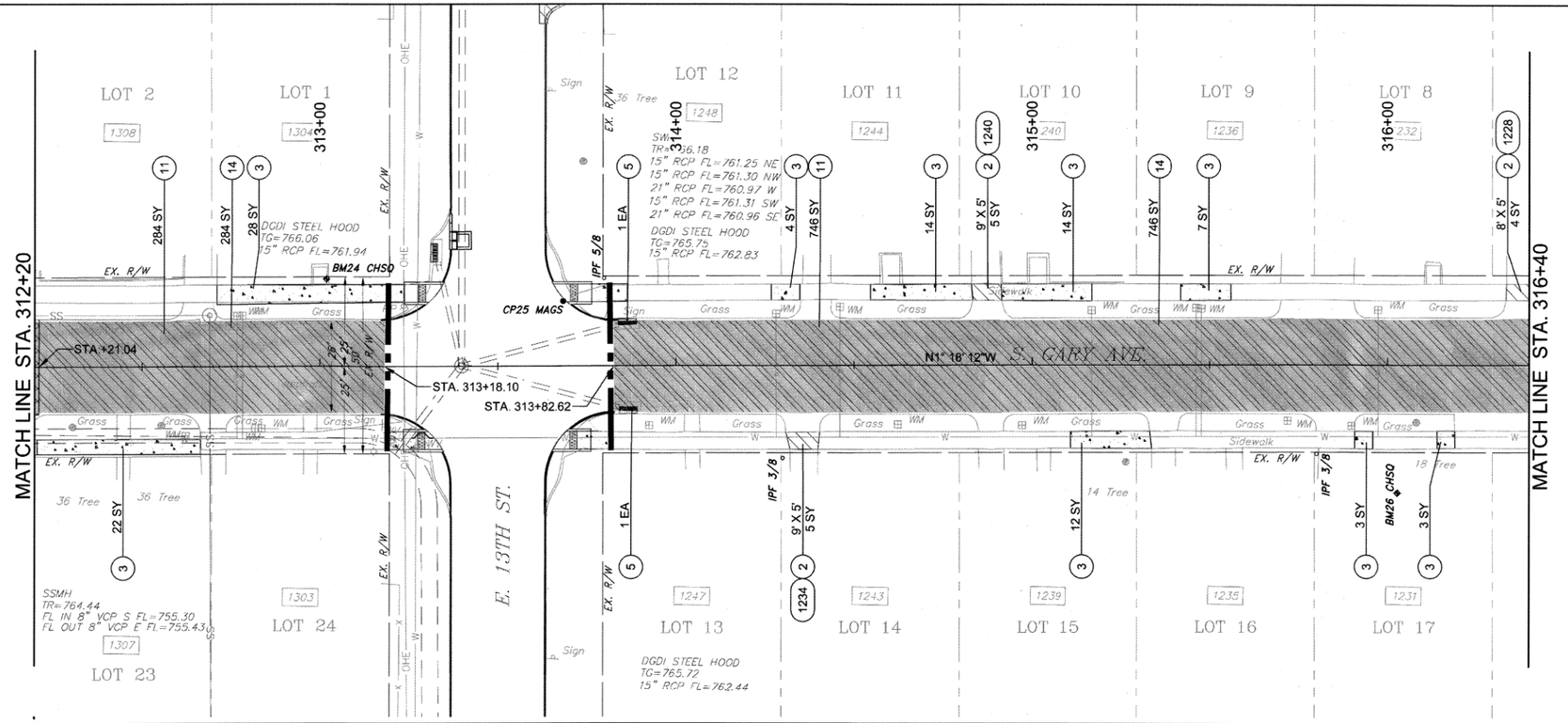
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

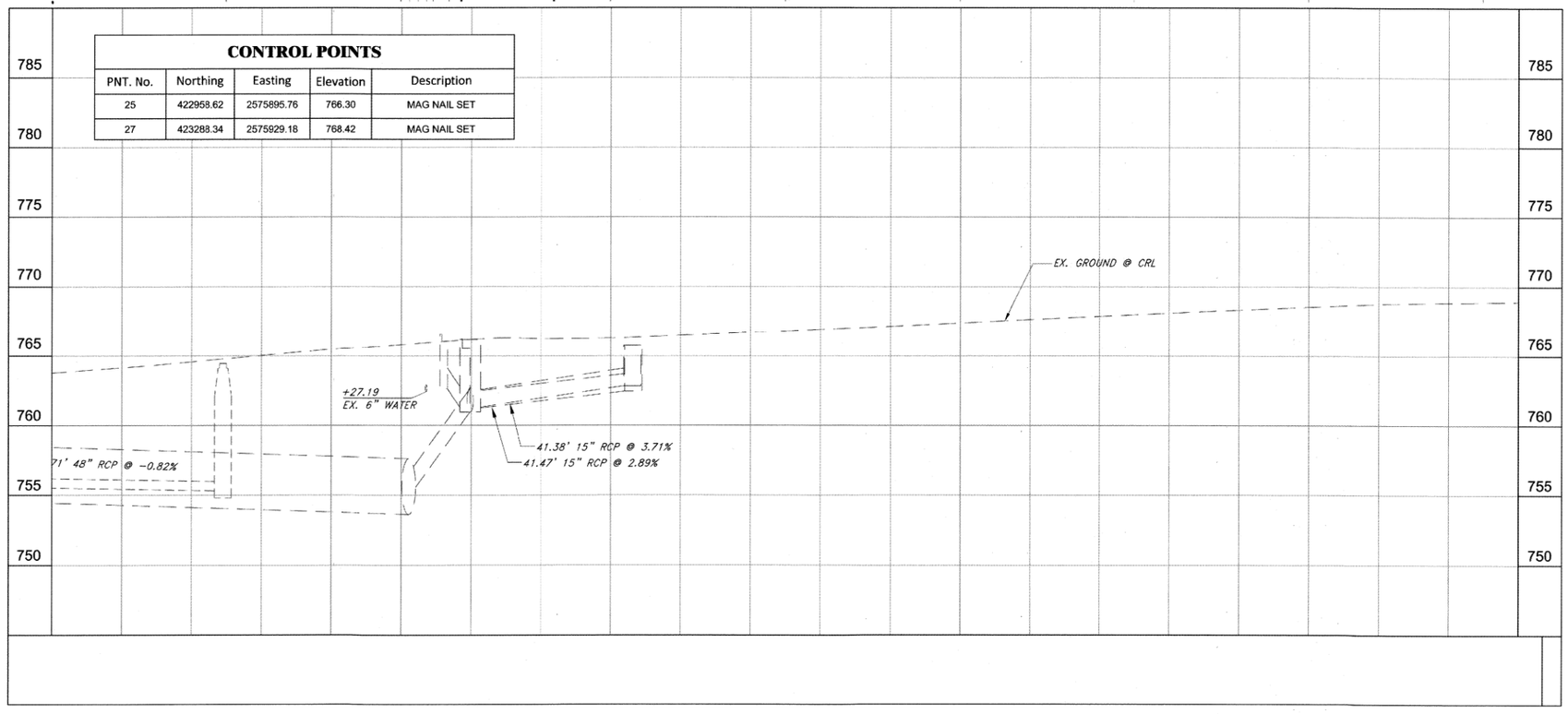
REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		1/2026
HORIZONTAL: 1"=20'	LEAD ENGR.		4/26
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		

APPROVED:
CITY ENGINEER
DATE: 11/4/2026
FILE: DRAWING:
ATLAS PAGE NO: 12, 32
SHEET 82 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP15 (GARY AVE.).dwg, 260114 - 1:41 PM, DEP





CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
25	422958.62	2575895.76	766.30	MAG NAIL SET
27	423288.34	2575929.18	768.42	MAG NAIL SET

Bench Mark #24

CHISELED SQUARE,
TLS CONTROL
N=422892.02
E=2575890.86
ELEV. 765.93

Bench Mark #26

CHISELED SQUARE,
TLS CONTROL
N=423194.12
E=2575944.71
ELEV. 768.64

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel Polasek
24920
OKLAHOMA
01/15/2026

GARY AVE PLAN & PROFILE (4 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		
HORIZONTAL: 1"=20'	LEAD ENGR.		
	FIELD MGR.		
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	HAS	3.26

APPROVED: CITY ENGINEER

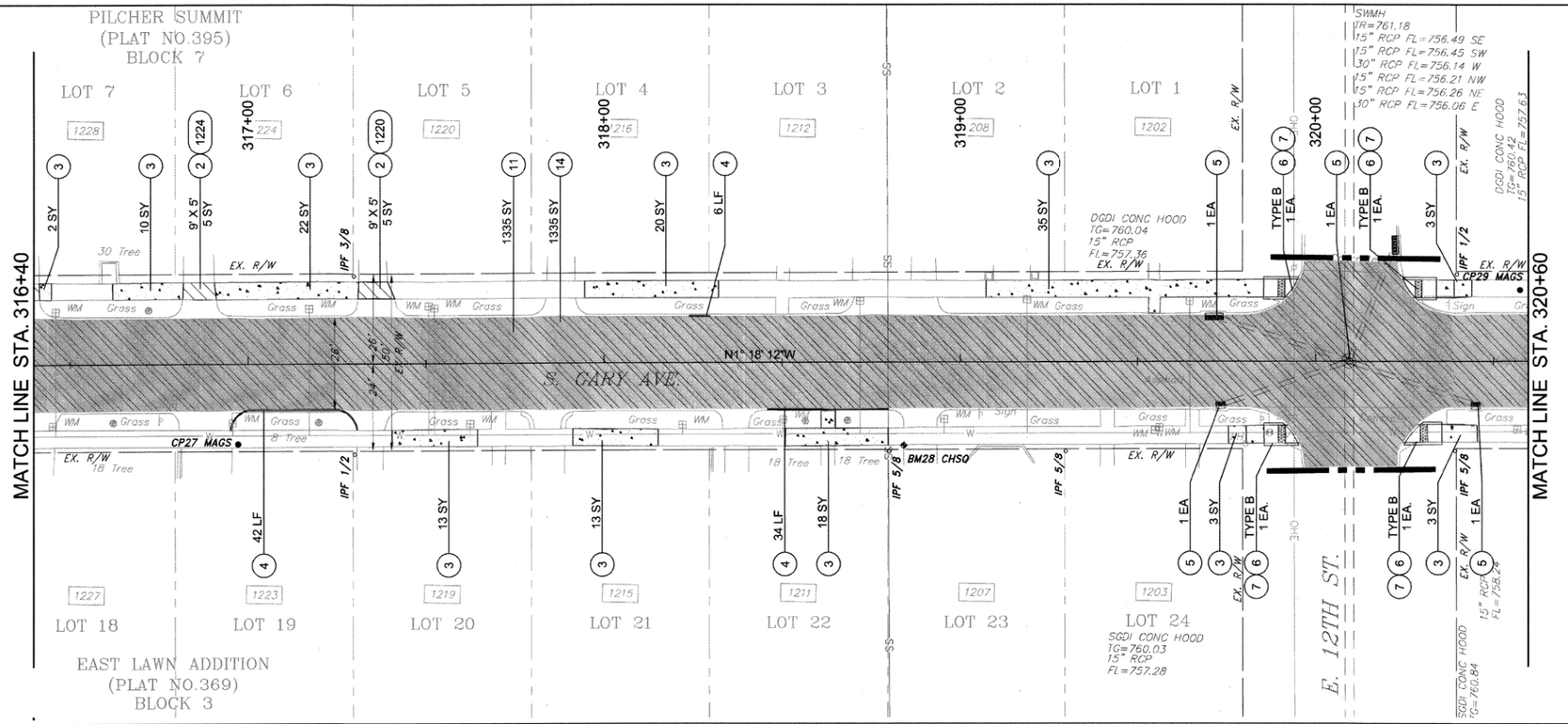
FILE: DRAWING:

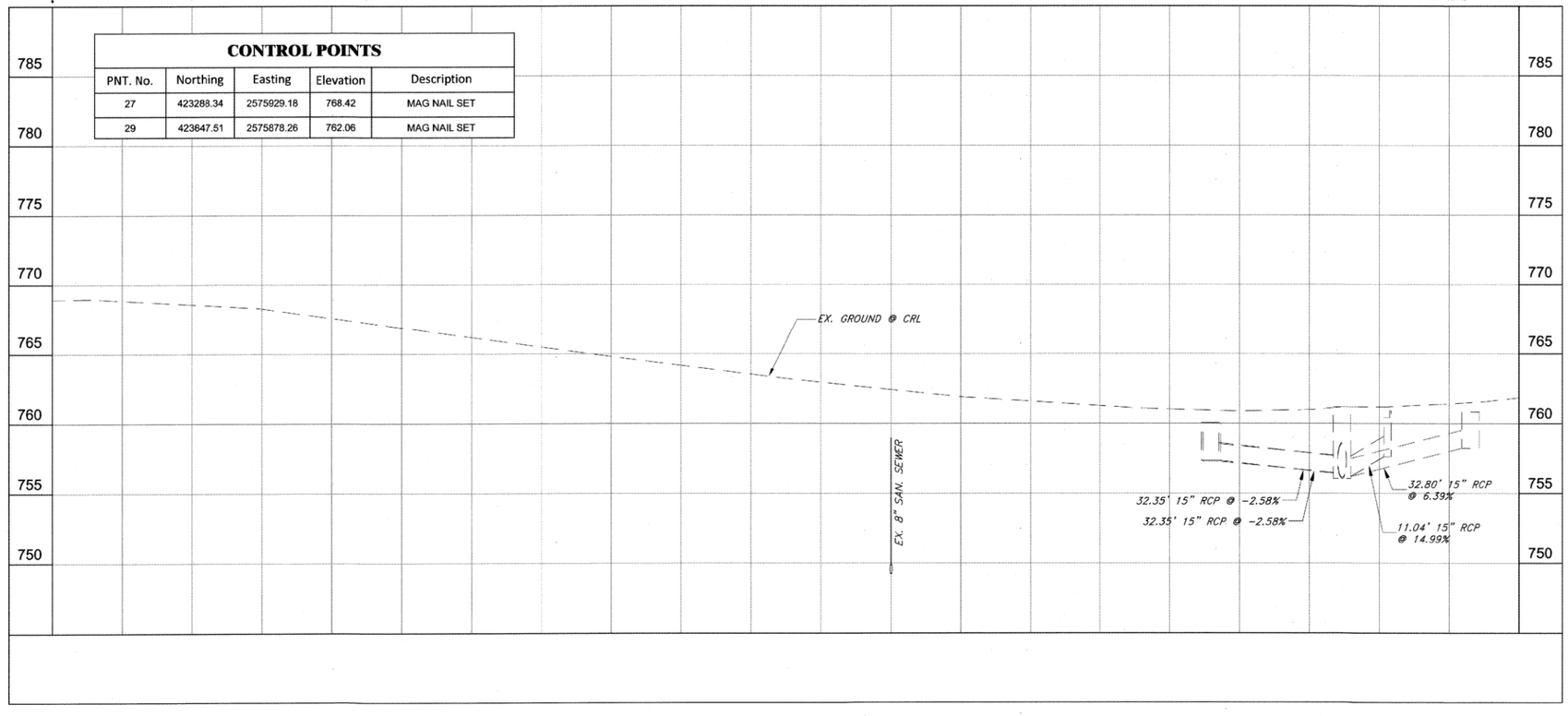
DATE: 11/4/2026

ATLAS PAGE NO: 12, 32

SHEET 83 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP15 (GARY AVE.).dwg, 260114 - 1:43 PM, DEP





Bench Mark #28

CHISELED SQUARE,
TLS CONTROL
N=423475.18
E=2575925.77
ELEV. 762.22

Bench Mark #30

CHISELED SQUARE,
TLS CONTROL
N=423839.97
E=2575870.66
ELEV. 765.80

1 inch = 20 ft. (HORIZ)

1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA

01/15/2026

REVISION	BY	DATE

GARY AVE PLAN & PROFILE (5 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		
HORIZONTAL: 1"=20'	LEAD ENGR.		
	FIELD MGR.		
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	HAS	3-26

APPROVED: CITY ENGINEER

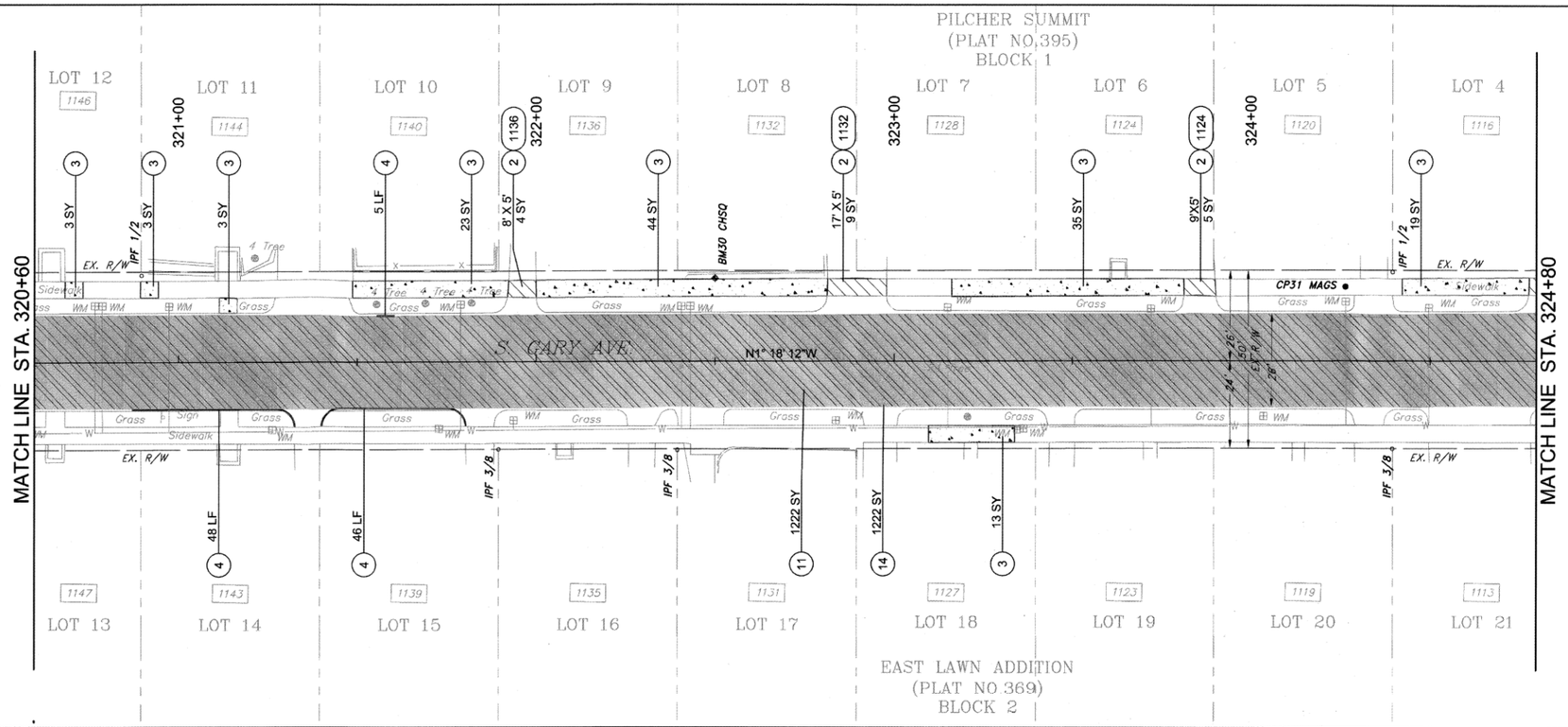
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DATE: 1/14/2026

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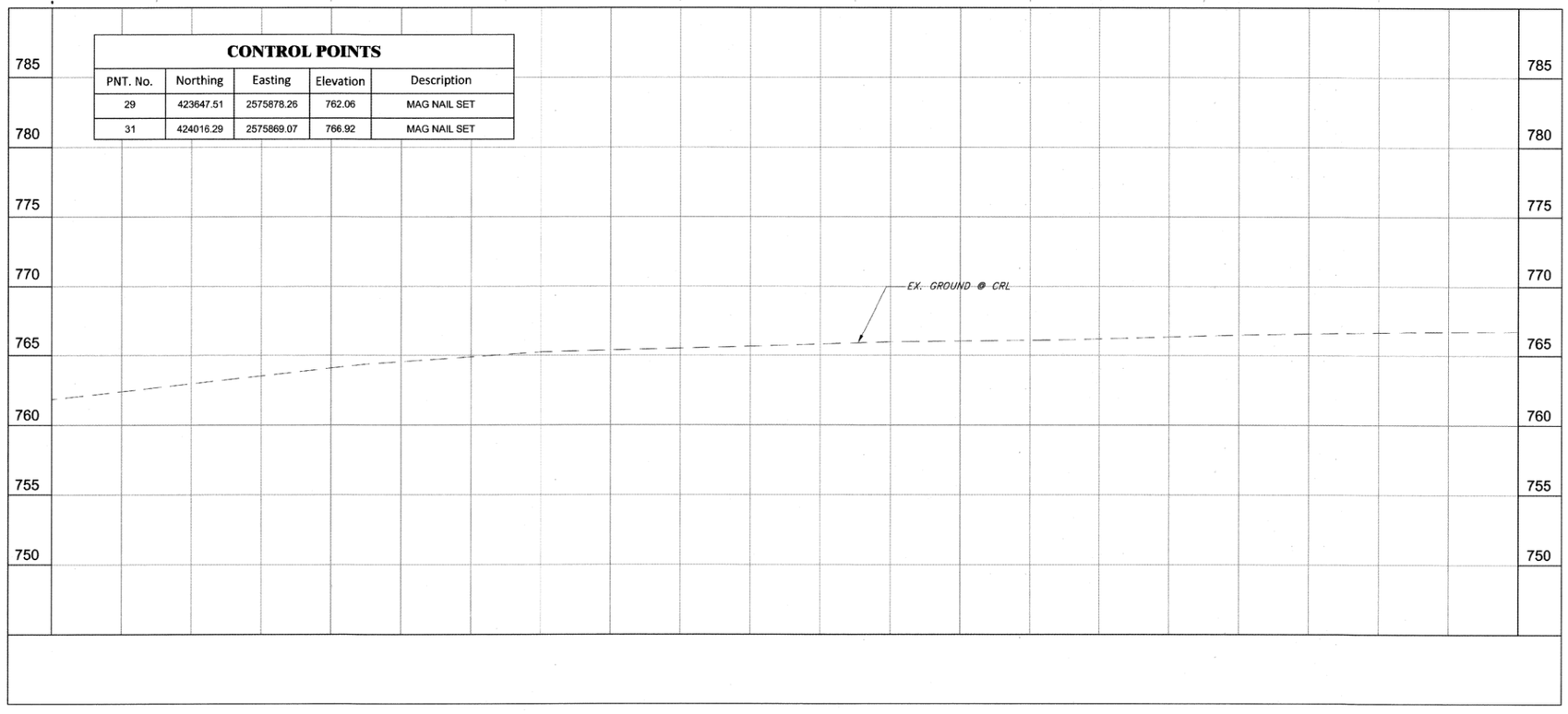
SHEET 84 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP15 (GARY AVE.).dwg, 260114 - 1:44 PM, DEP



CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
29	423647.51	2575878.26	762.06	MAG NAIL SET
31	424016.29	2575869.07	766.92	MAG NAIL SET



Bench Mark #30

CHISELED SQUARE,
TLS CONTROL
N=423839.97
E=2575870.66
ELEV. 765.80

Bench Mark #28

CHISELED SQUARE,
TLS CONTROL
N=423475.18
E=2575925.77
ELEV. 762.22

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) MILL AREA

PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

REVISION	BY	DATE

GARY AVE PLAN & PROFILE (6 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		
HORIZONTAL: 1"=20'	LEAD ENGR.		
	FIELD MGR.		
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		

APPROVED: CITY ENGINEER

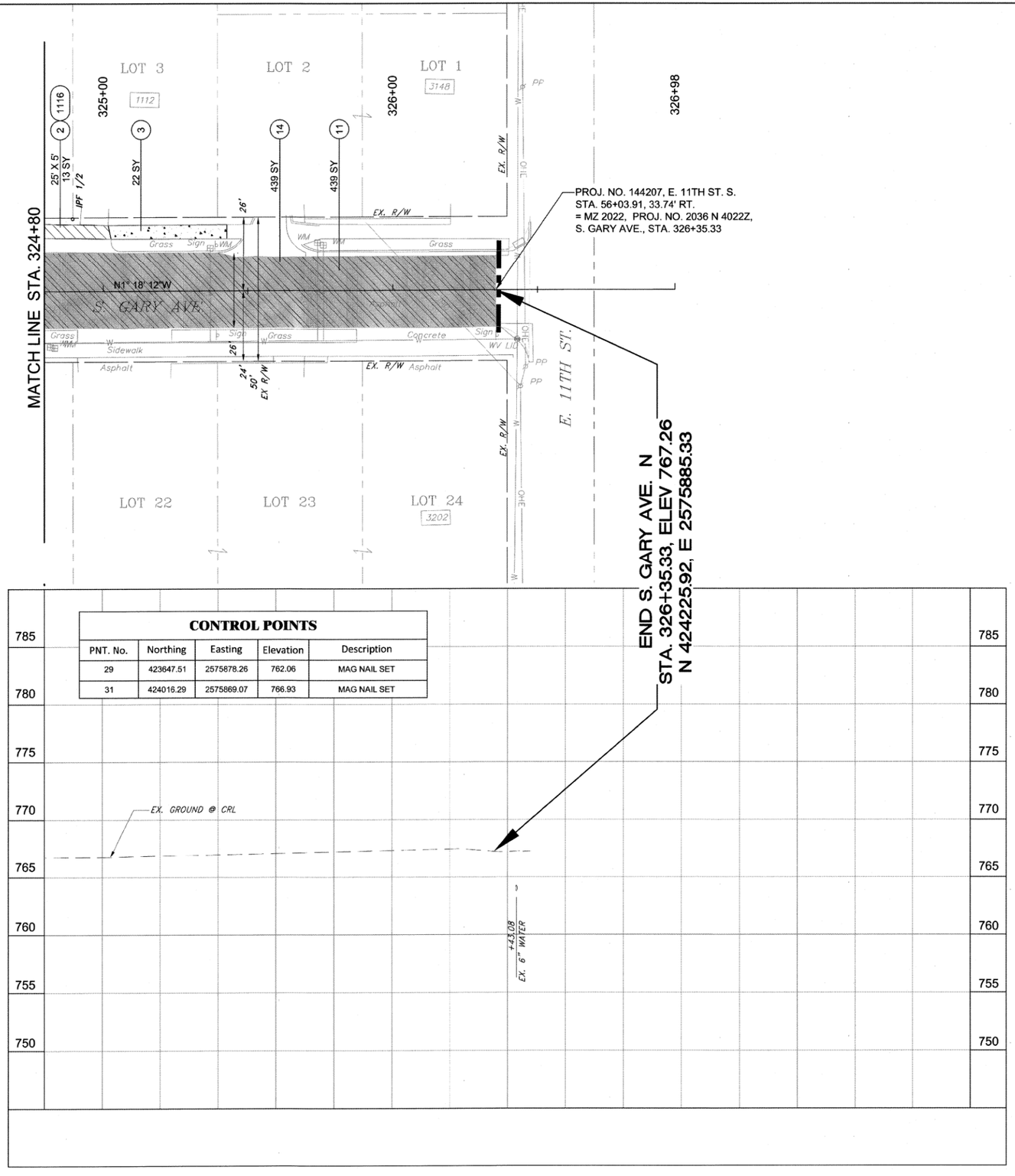
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DATE: 11/4/2026

ATLAS PAGE NO: 12, 32

SHEET 85 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
29	423647.51	2575878.26	762.06	MAG NAIL SET
31	424016.29	2575869.07	766.93	MAG NAIL SET

Bench Mark #30

CHISELED SQUARE,
TLS CONTROL
N=423839.97
E=2575870.66
ELEV. 765.80

Bench Mark #28

CHISELED SQUARE,
TLS CONTROL
N=423475.18
E=2575925.77
ELEV. 762.22

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

GARY AVE PLAN & PROFILE (7 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

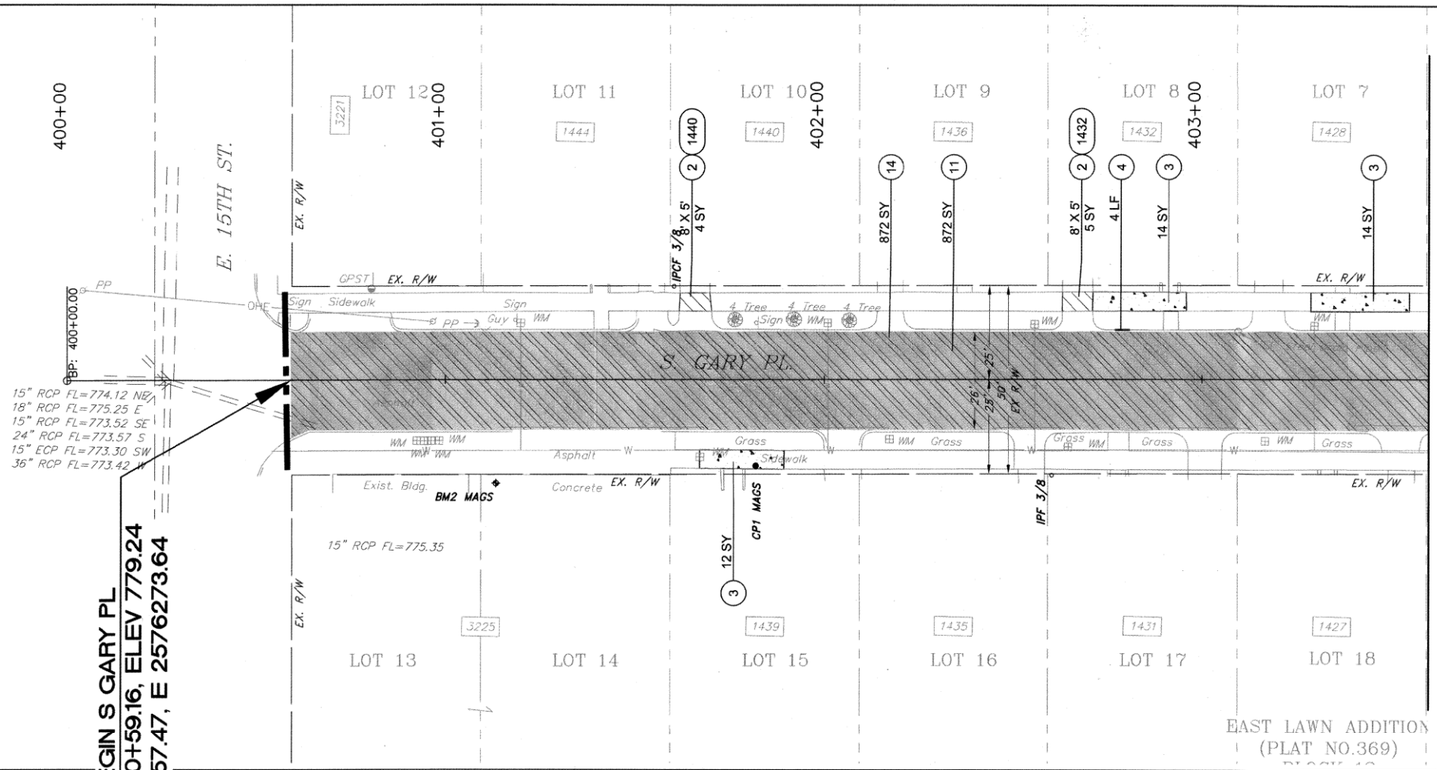
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	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.		
	LEAD ENGR.		
	FIELD MGR.		
	RECOMMENDED: DESIGN MANAGER		

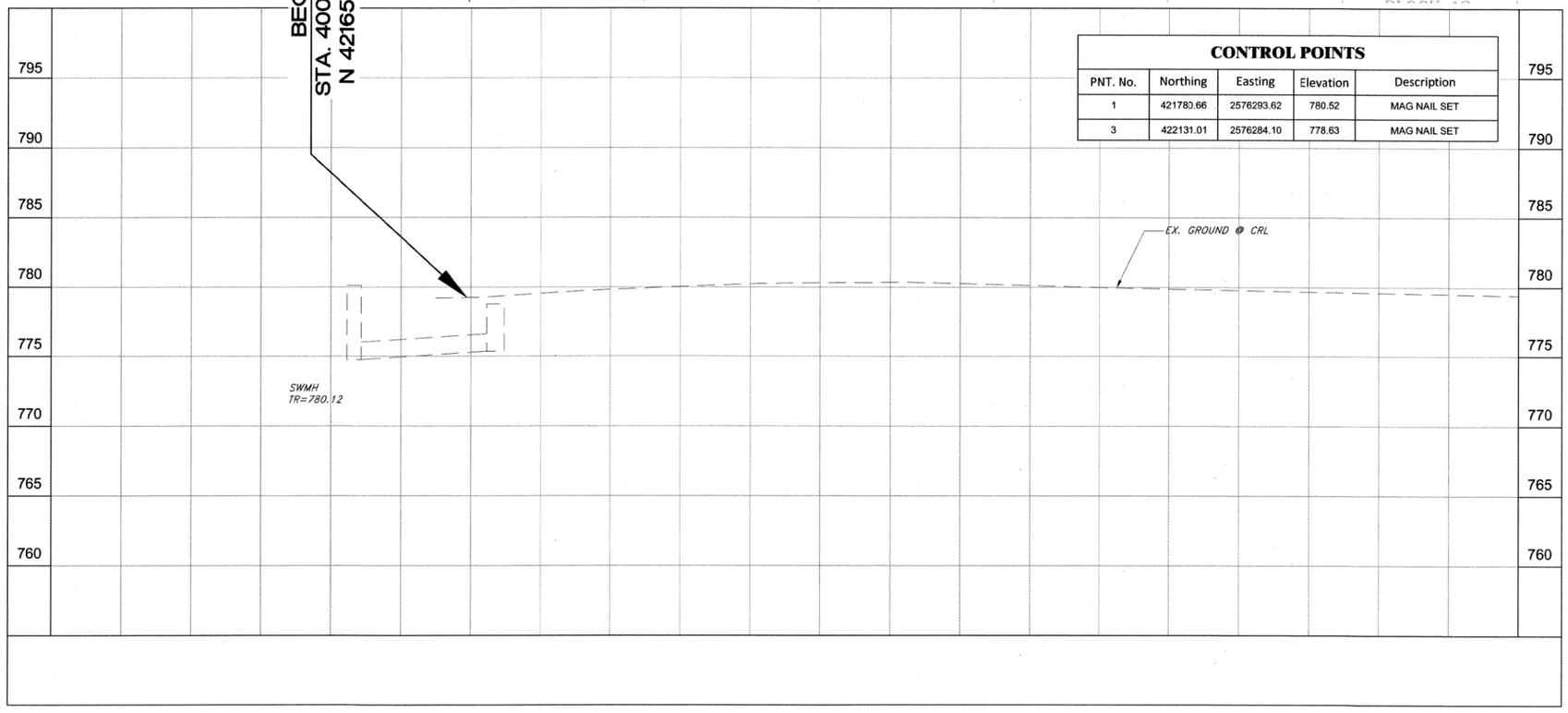
APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 86 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
1	421780.66	2576293.62	780.52	MAG NAIL SET
3	422131.01	2576284.10	778.63	MAG NAIL SET

Bench Mark #2

MAG NAIL SET,
TLS CONTROL
N=421712.25
E=2576299.70
ELEV. 780.77

Bench Mark #4

PP RAILROAD SPIKE,
TLS CONTROL
N=422268.25
E=2576243.20
ELEV. 779.01

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
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8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

REVISION	BY	DATE

GARY PL PLAN & PROFILE (1 OF 7)

PROJ. 2036 N 4022Z

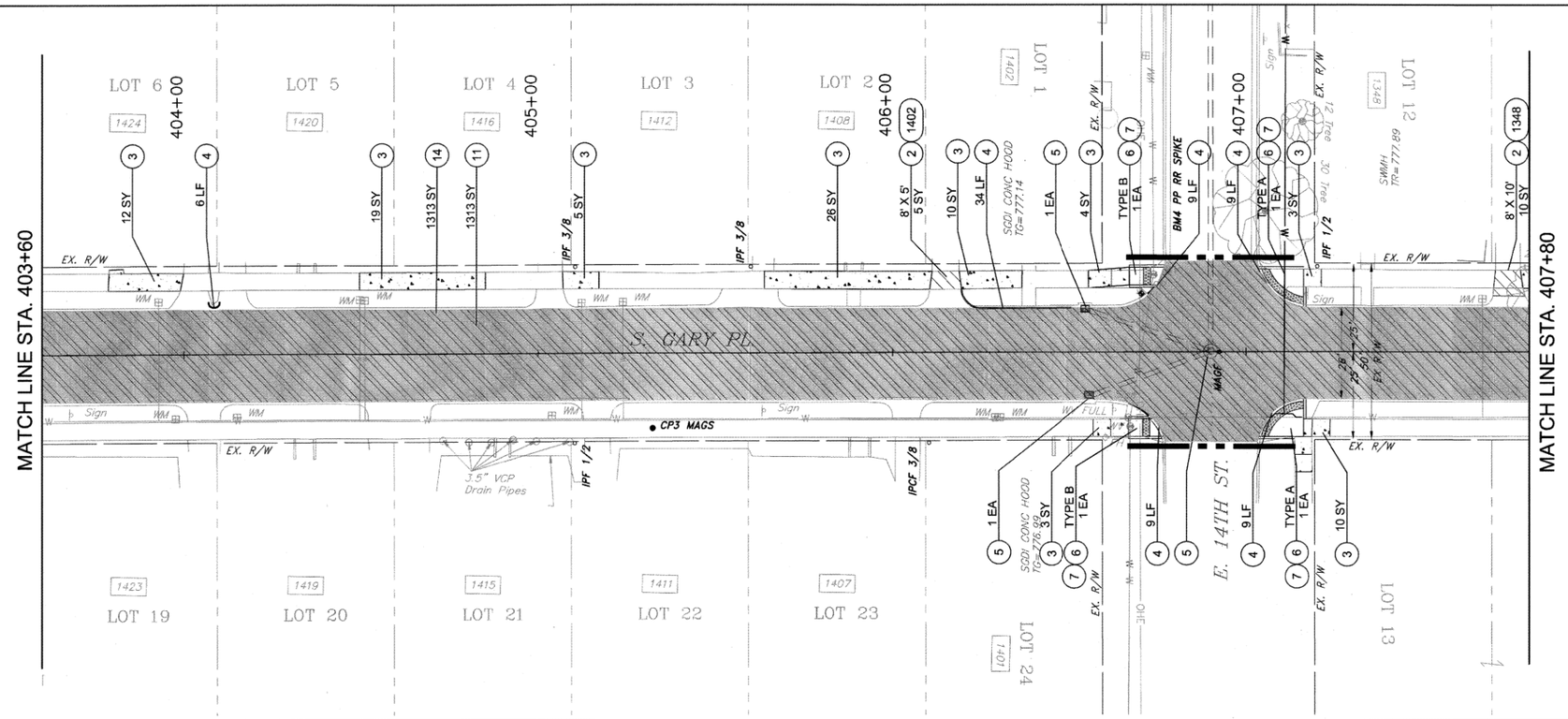
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

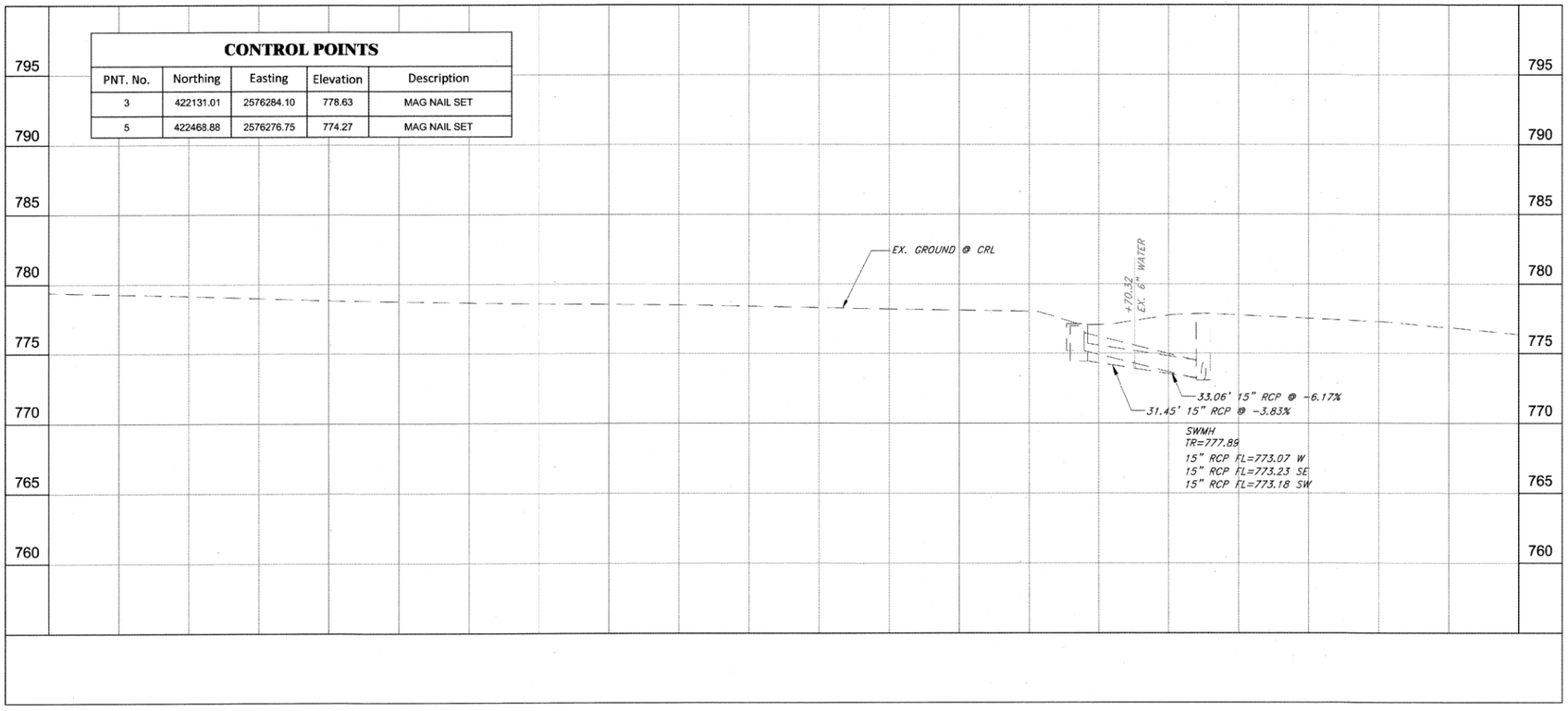
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.		1/2026	
HORIZONTAL: 1"=20'	LEAD ENGR.		2/26	
	FIELD MGR.		3/26	
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		3.26	CITY ENGINEER
FILE:	DRAWING:			DATE: 11/4/2026
ATLAS PAGE NO: 12, 32				SHEET 87 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
3	422131.01	2576284.10	778.63	MAG NAIL SET
5	422468.88	2576276.75	774.27	MAG NAIL SET

Bench Mark #4

RR SPIKE IN PP,
TLS CONTROL
N=422268.25
E=2576243.20
ELEV. 779.01

Bench Mark #6

MAG NAIL SET,
TLS CONTROL
N=421712.25
E=2576299.70
ELEV. 780.77

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER Daniel E. Polasek 24920 OKLAHOMA

01/15/2026

REVISION	BY	DATE

GARY PL PLAN & PROFILE (2 OF 7)

PROJ. 2036 N 4022Z

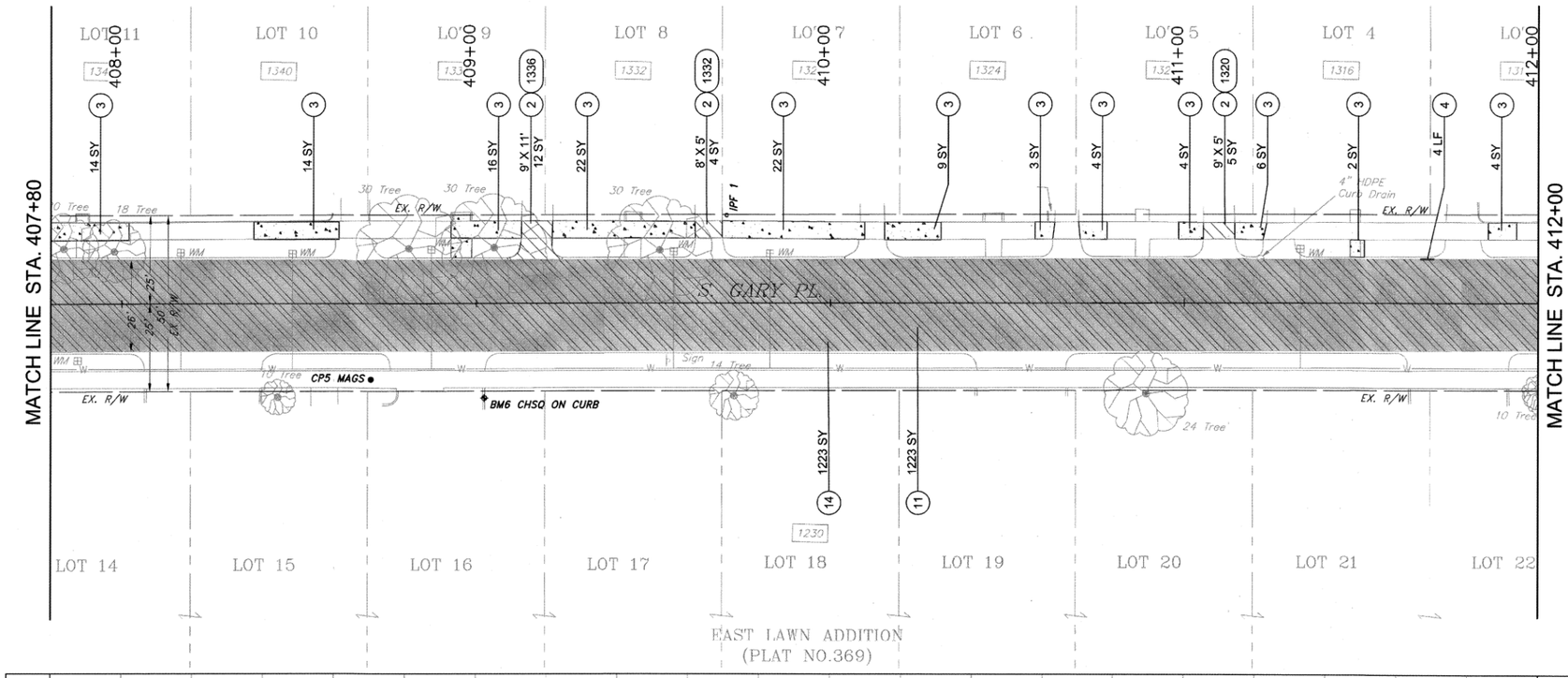
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

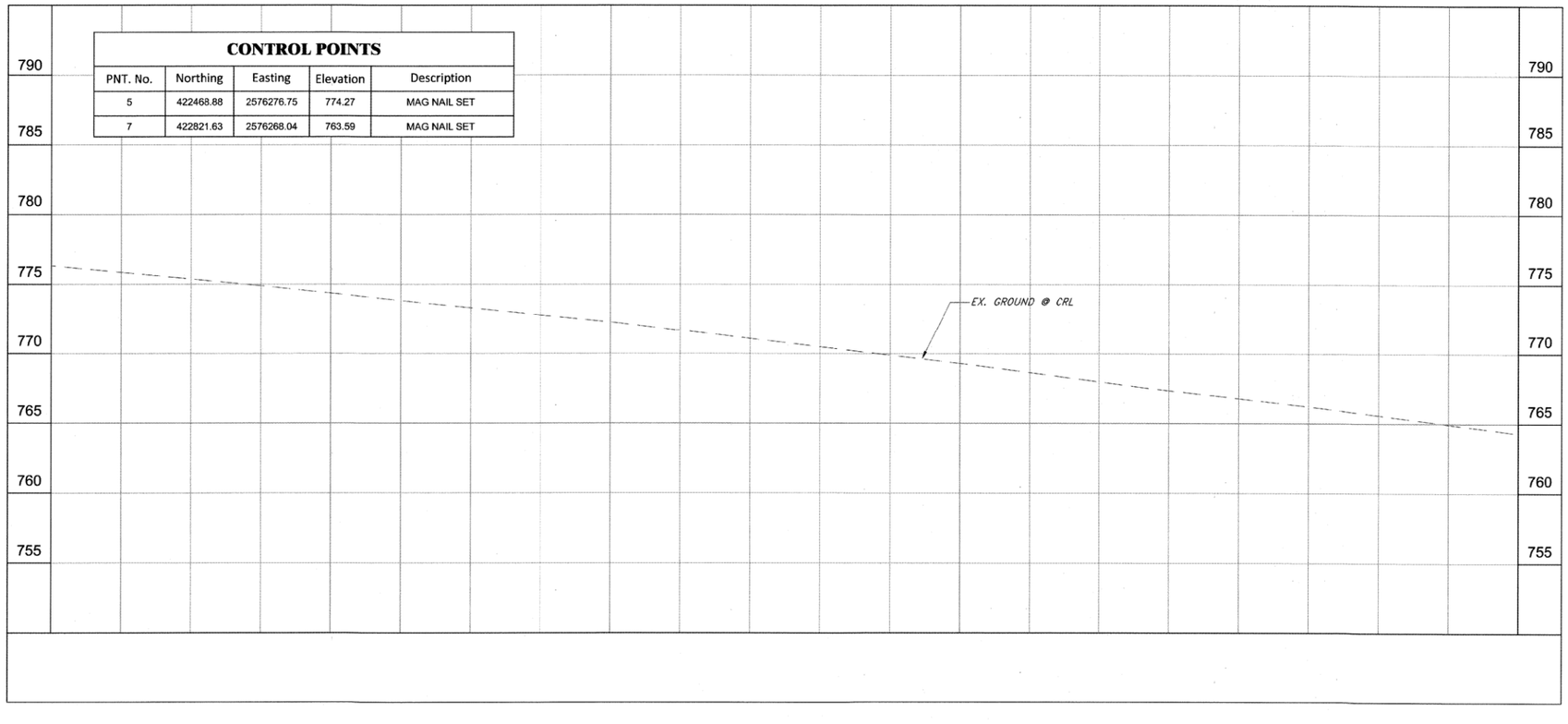
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.			
	LEAD ENGR.			
	FIELD MGR.			
	RECOMMENDED: DESIGN MANAGER			CITY ENGINEER
FILE:	DRAWING:			DATE: 11/4/2026
ATLAS PAGE NO: 12, 32				SHEET 88 OF 108 SHEETS

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EAST LAWN ADDITION
(PLAT NO.369)



CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
5	422468.88	2576276.75	774.27	MAG NAIL SET
7	422821.63	2576268.04	763.59	MAG NAIL SET

Bench Mark #6

CHISELED SQUARE ON CURB,
TLS CONTROL
N=422501.00
E=2576281.24
ELEV. 774.06

Bench Mark #8

CHISELED SQUARE,
TLS CONTROL
N=422872.66
E=2576274.36
ELEV. 762.61

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) MILL AREA

PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LIC. ENGINEER Daniel E. Polasek 24920 OKLAHOMA PROFESSIONAL ENGINEER
01/15/2026

GARY PL PLAN & PROFILE (3 OF 7)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

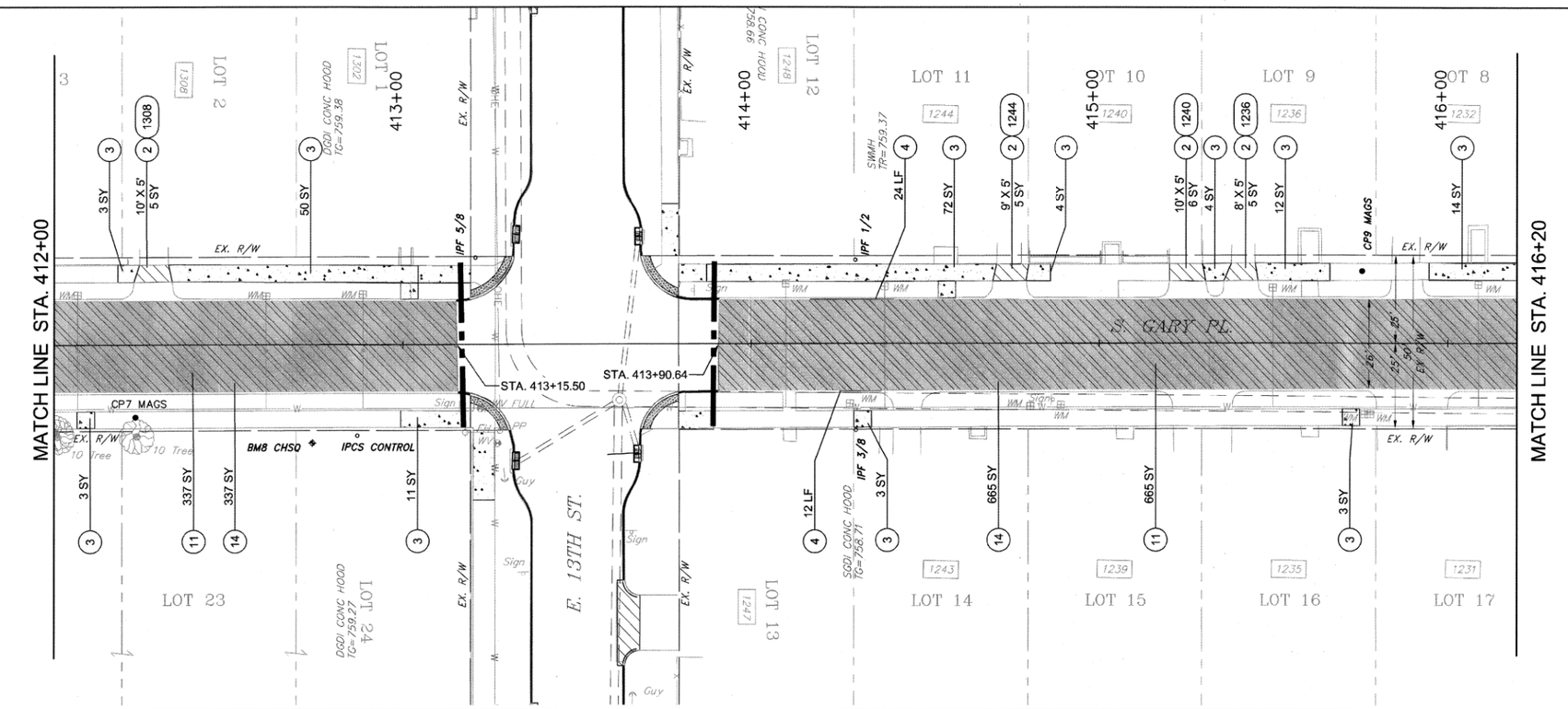
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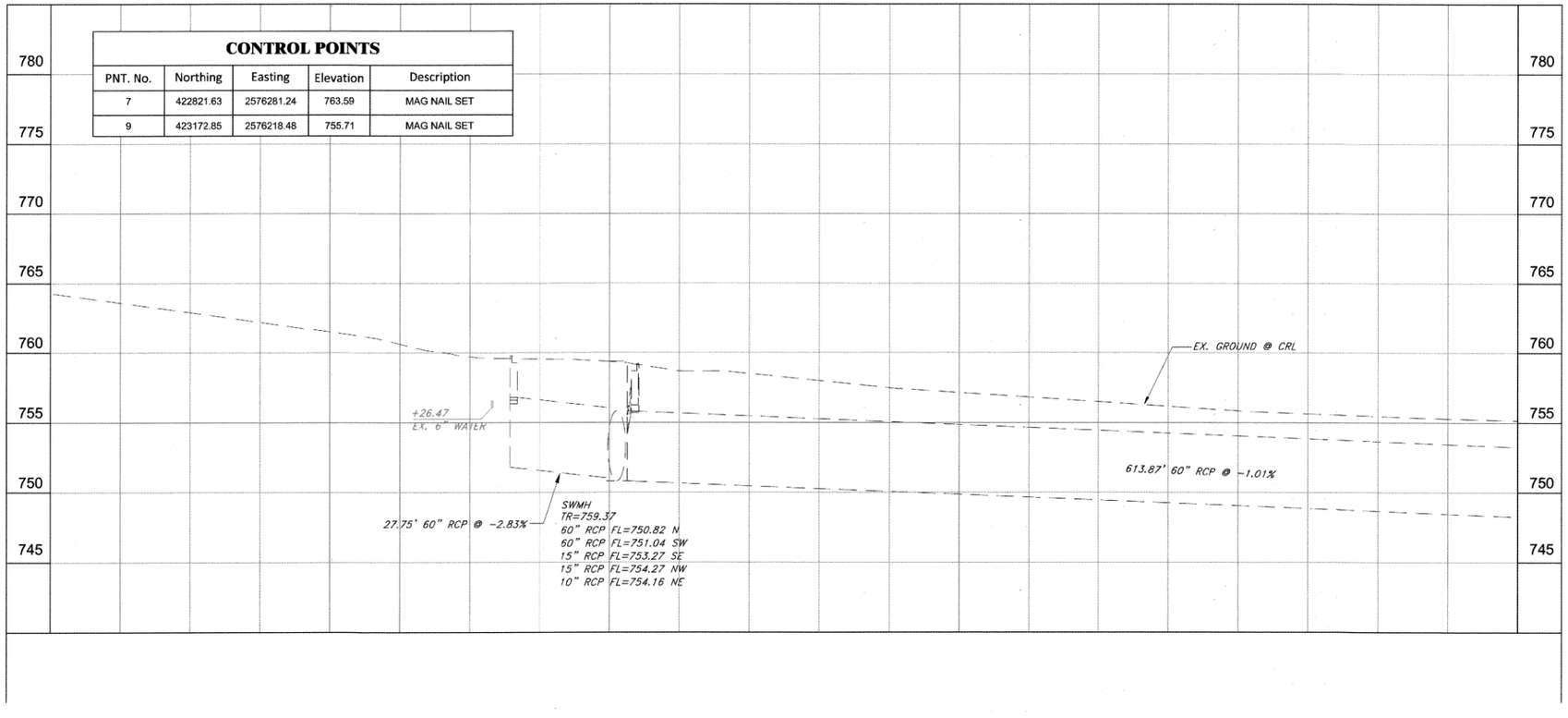
PLAN SCALE: 1"=20'
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'

DRAWN BY:	BKL	3/2025
DESIGNED BY:	BKL	3/2025
SURVEY BY:	TLS	2/2021
PROJ. MGR.		
LEAD ENGR.		
FIELD MGR.		
RECOMMENDED: DESIGN MANAGER	HAS 3-26	

APPROVED: CITY ENGINEER
FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: 12, 32
SHEET 89 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
7	422821.63	2576281.24	763.59	MAG NAIL SET
9	423172.85	2576218.48	755.71	MAG NAIL SET

Bench Mark #8

CHISELED SQUARE,
TLS CONTROL
N=422872.66
E=2576274.36
ELEV. 762.61

Bench Mark #10

CHISELED SQUARE ON SW,
TLS CONTROL
N=423323.03
E=2576264.87
ELEV. 754.89

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

(1) FULL DEPTH PATCH / RECONSTRUCTION
(2) REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
(3) REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
(4) REMOVE AND REPLACE CONCRETE CURB AND GUTTER
(5) ADJUST TO GRADE
(6) CONSTRUCT CURB RAMP
(7) CONSTRUCT TRUNCATED DOMES
(8) CONSTRUCT MANHOLE
(9) CONSTRUCT INLET
(10) REMOVE INLET
(11) ASPHALT OVERLAY
(12) REMOVE AND REPLACE MANHOLE
(13) SOLID SLAB SOD
(14) MILL AREA
PROJECT LIMITS
(1111) NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

GARY PL PLAN & PROFILE (4 OF 7)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

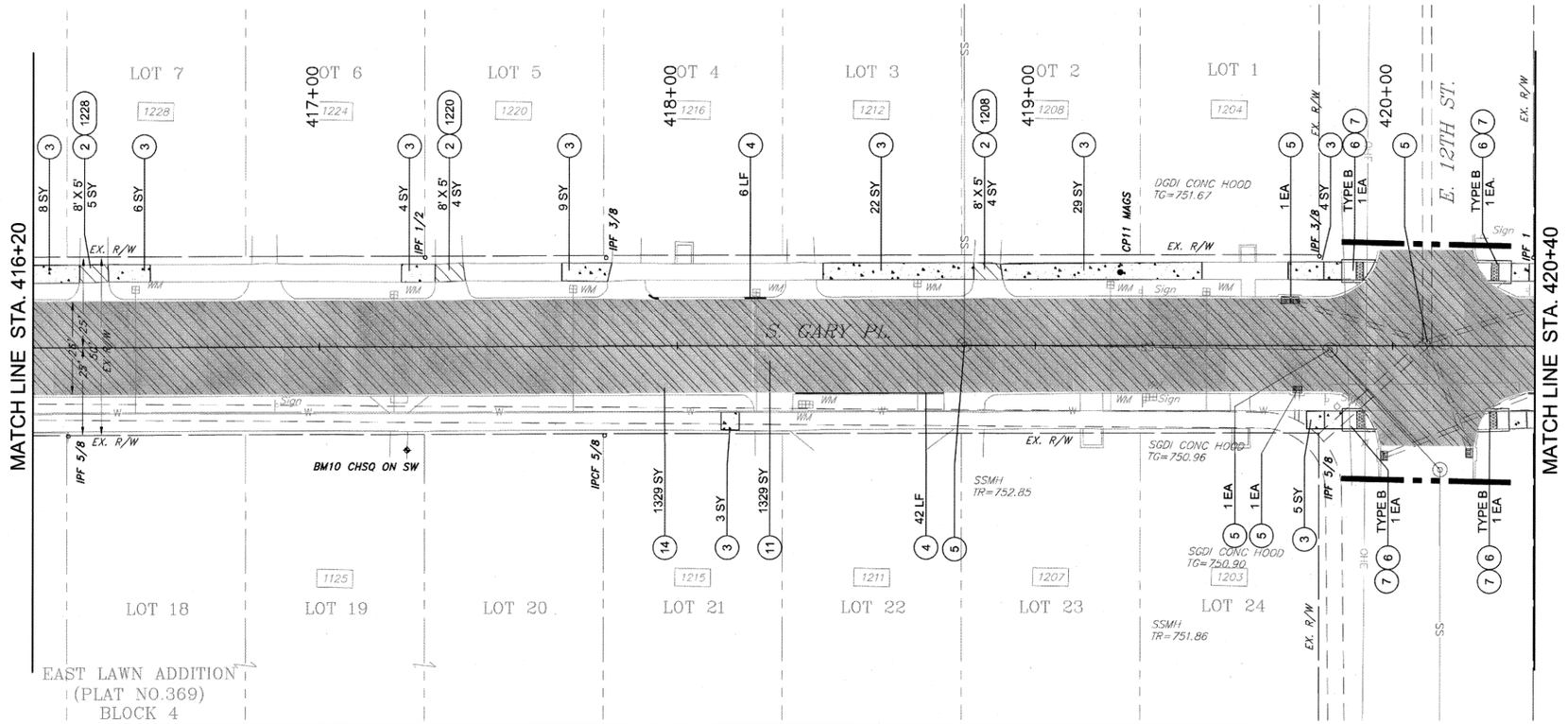
REVISION	BY	DATE

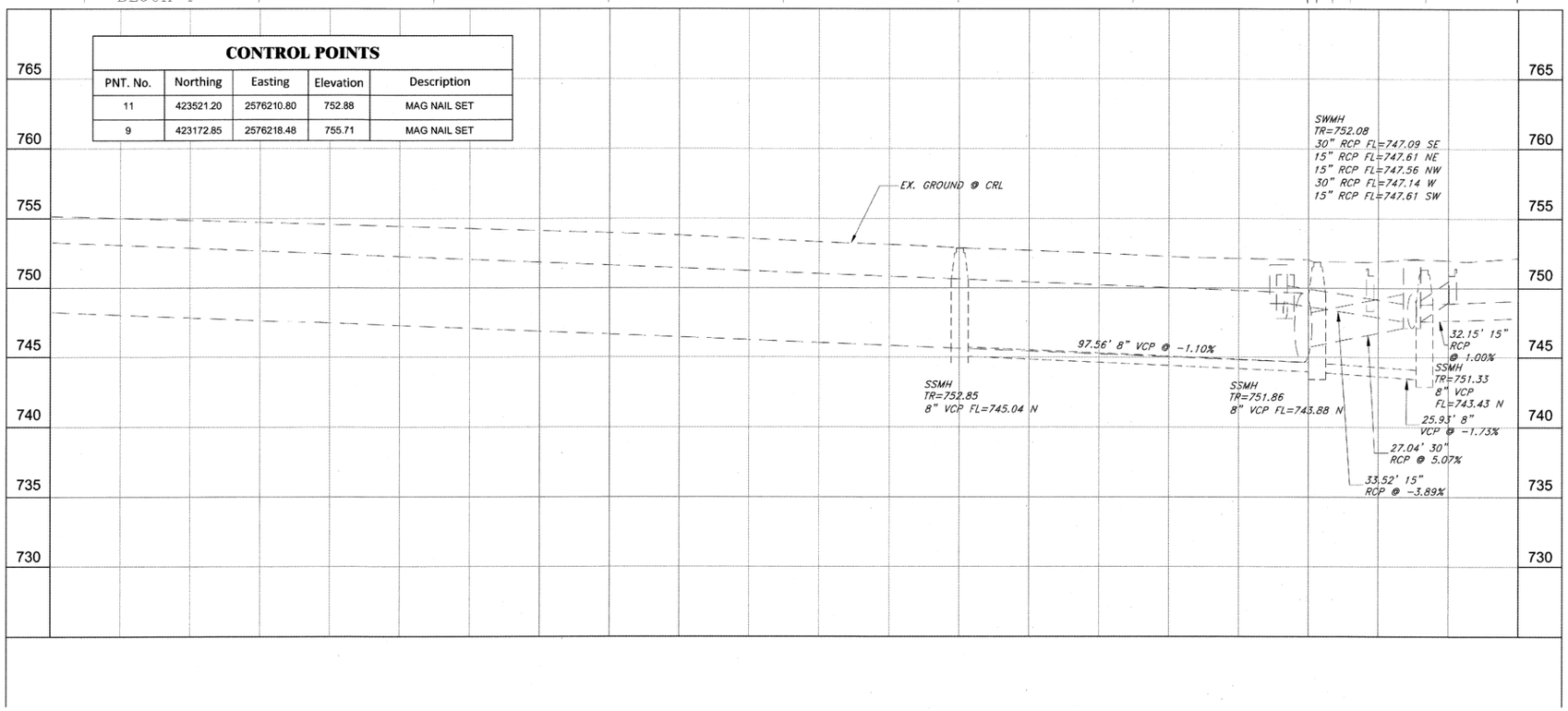
PLAN SCALE: 1"=20'
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'

DRAWN BY:	BKL	3/2025
DESIGNED BY:	BKL	3/2025
SURVEY BY:	TLS	2/2021
PROJ. MGR.	DEP	1/2026
LEAD ENGR.	DEP	1/2026
FIELD MGR.	TLS	3/26
RECOMMENDED: DESIGN MANAGER	TLS	3-26

APPROVED: CITY ENGINEER
FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: 12, 32
SHEET 90 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
11	423521.20	2576210.80	752.88	MAG NAIL SET
9	423172.85	2576218.48	755.71	MAG NAIL SET

Bench Mark #10

CHISELED SQUARE ON SW,
TLS CONTROL
N=423323.03
E=2576264.87
ELEV. 754.89

Bench Mark #12

CHISELED SQURE,
TLS CONTROL
N=423754.14
E=2576250.54
ELEV. 752.82

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

GARY PL PLAN & PROFILE (5 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

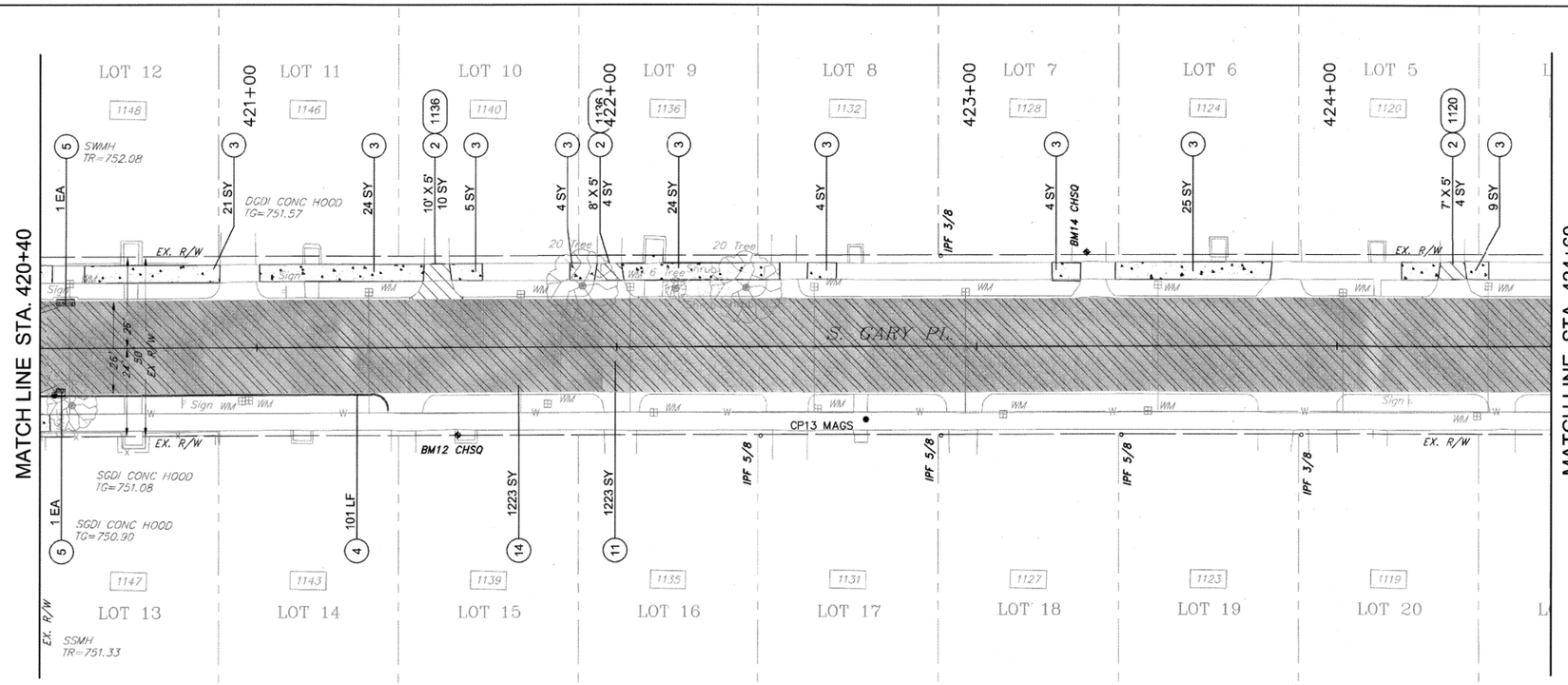
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	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		1/2026
HORIZONTAL: 1"=20'	LEAD ENGR.		1/26
	FIELD MGR.		3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	HAS	3.26

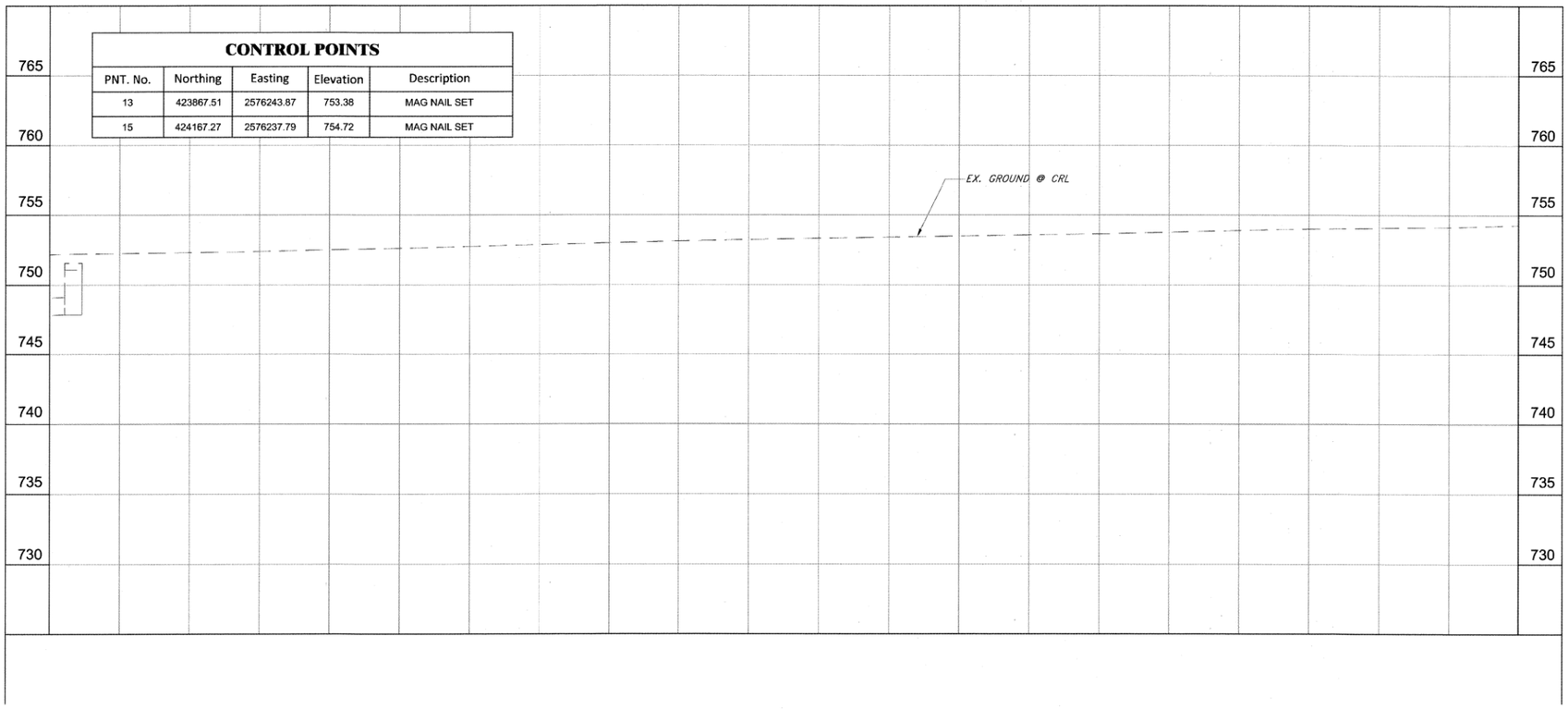
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FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 91 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
13	423867.51	2576243.87	753.38	MAG NAIL SET
15	424167.27	2576237.79	754.72	MAG NAIL SET

Bench Mark #12

CHISELED SQURE,
TLS CONTROL
N=423754.14
E=2576250.54
ELEV. 752.82

Bench Mark #14

CHISELED SQUARE,
TLS CONTROL
N=423927.68
E=2576195.90
ELEV. 754.33

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

REVISION	BY	DATE

GARY PL PLAN & PROFILE (6 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

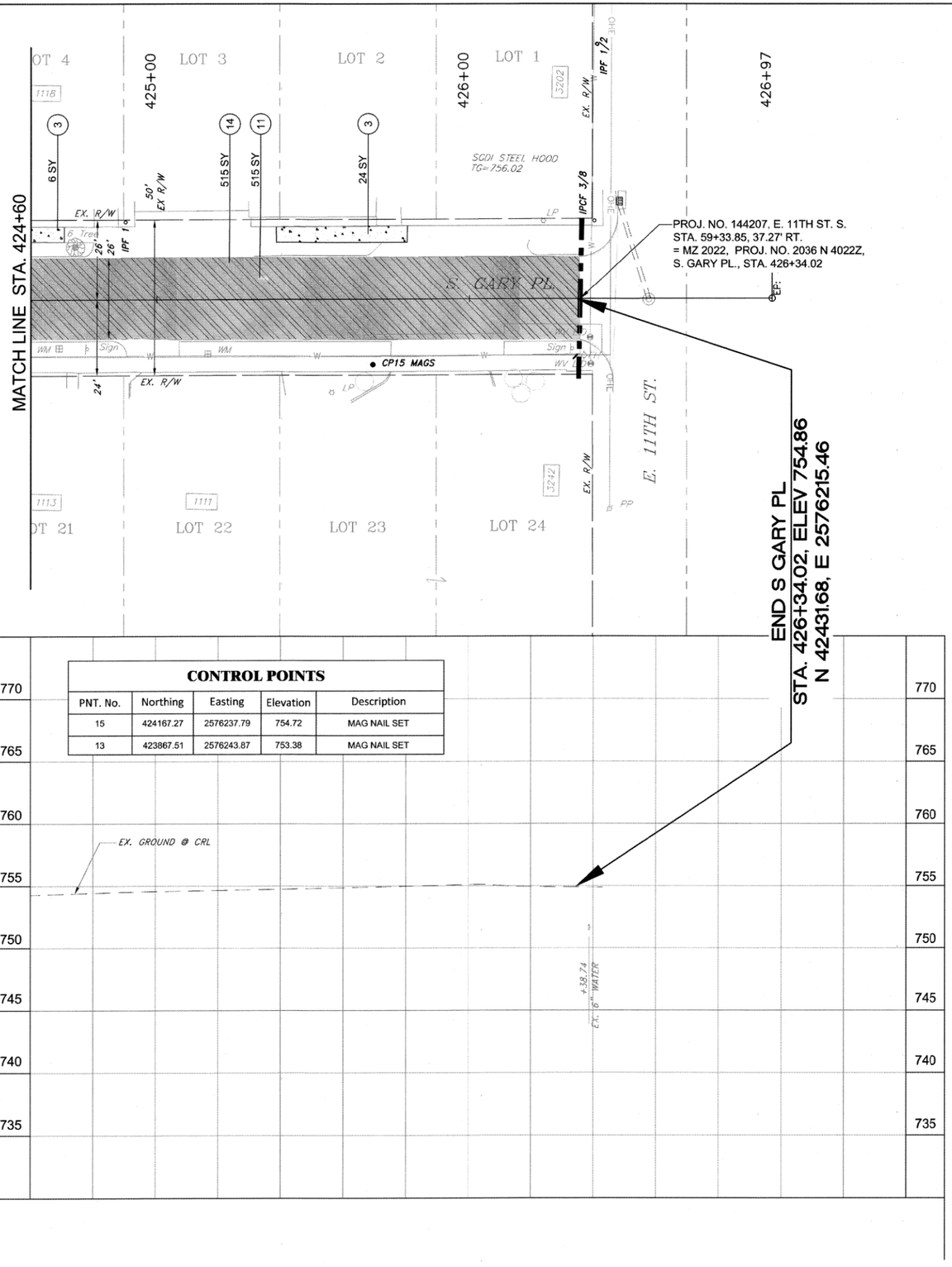
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.	DKO	1/15/26	
	LEAD ENGR.		3/26	
	FIELD MGR.		3/26	
	RECOMMENDED: DESIGN MANAGER	HAS 3-26		CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 92 OF 108 SHEETS

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CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
15	424167.27	2576237.79	754.72	MAG NAIL SET
13	423867.51	2576243.87	753.38	MAG NAIL SET

Bench Mark #12

CHISELED SQURE,
TLS CONTROL
N=423754.14
E=2576250.54
ELEV. 752.82

Bench Mark #14

CHISELED SQUARE,
TLS CONTROL
N=423927.68
E=2576195.90
ELEV. 754.33

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

REVISION	BY	DATE

'GARY PL PLAN & PROFILE (7 OF 7)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

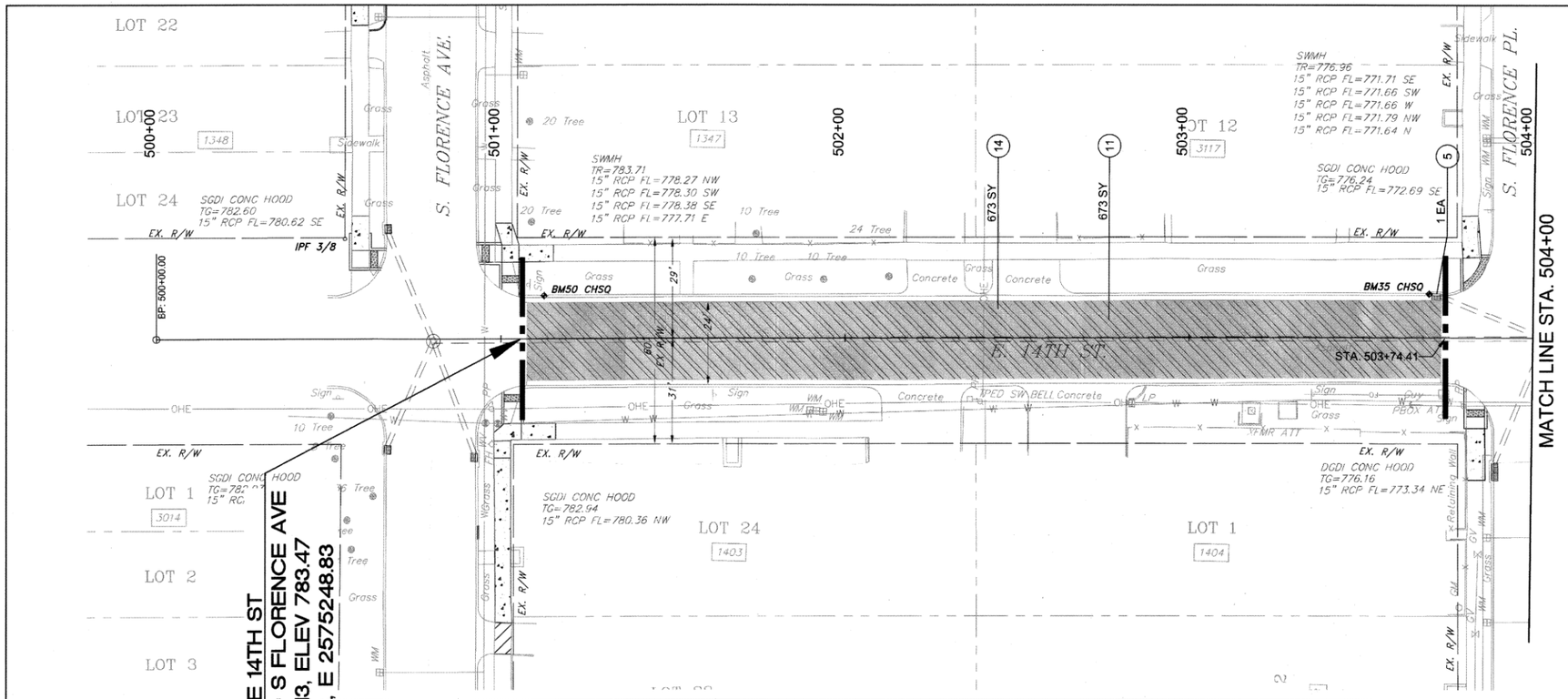
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	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		1/15/2026
HORIZONTAL: 1"=20'	LEAD ENGR.		5/26
	FIELD MGR.		5/26
VERTICAL: 1"=5'	RECOMMENDED: PBS II/26 DESIGN MANAGER		HAS 3.26

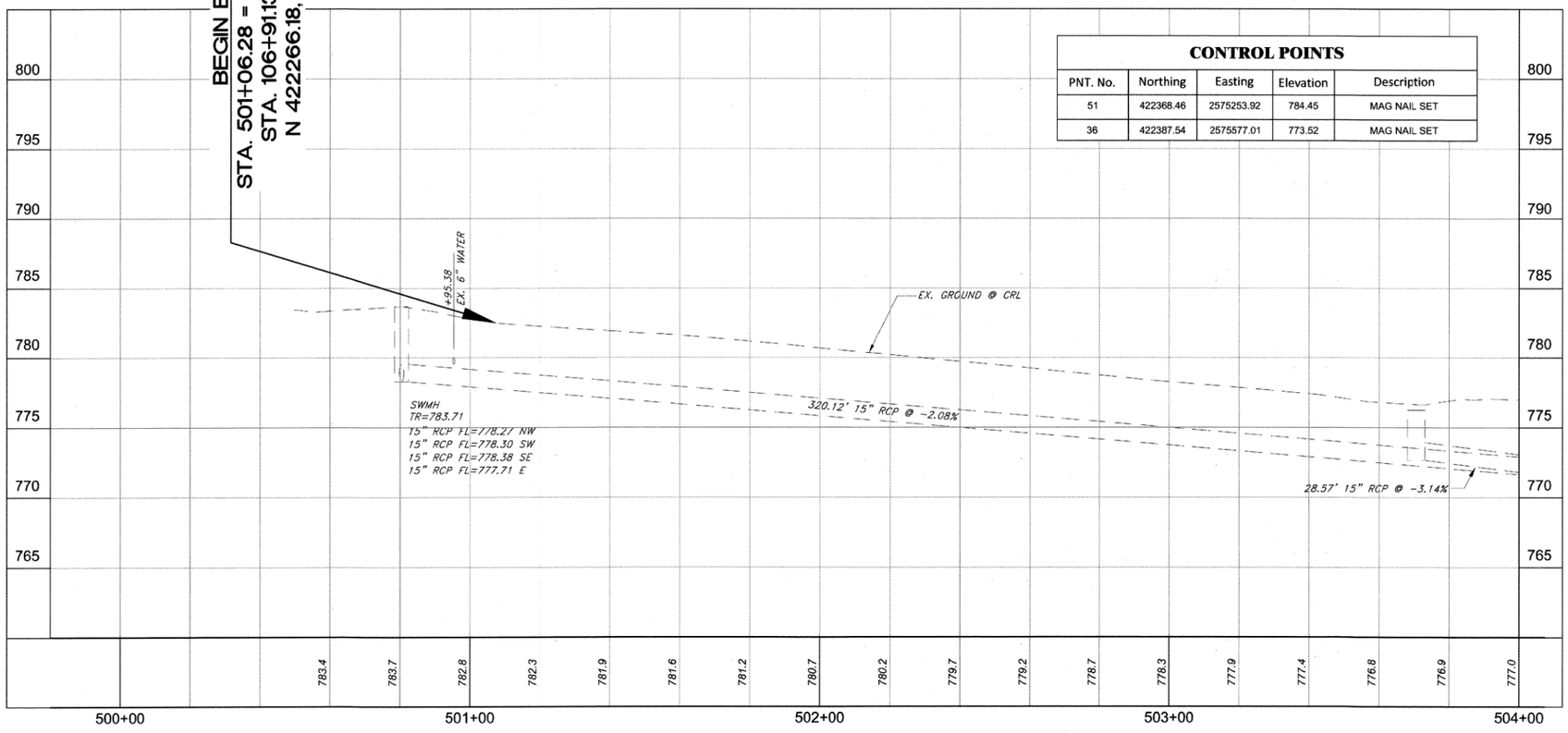
APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 93 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP22 (GARY PL.).dwg, 260114 - 1:57 PM, DEP





Bench Mark #50
CHISELED SQUARE,
TLS CONTROL
N=422280.16
E=2575308.81
ELEV. 783.07

Bench Mark #35
CHISELED SQUARE,
TLS CONTROL
N=422286.07
E=2575565.87
ELEV. 777.03

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
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9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polsdofer
24920
OKLAHOMA
01/15/2026

REVISION	BY	DATE

E 14TH ST PLAN & PROFILE (1 OF 3)
PROJ. 2036 N 4022Z
NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

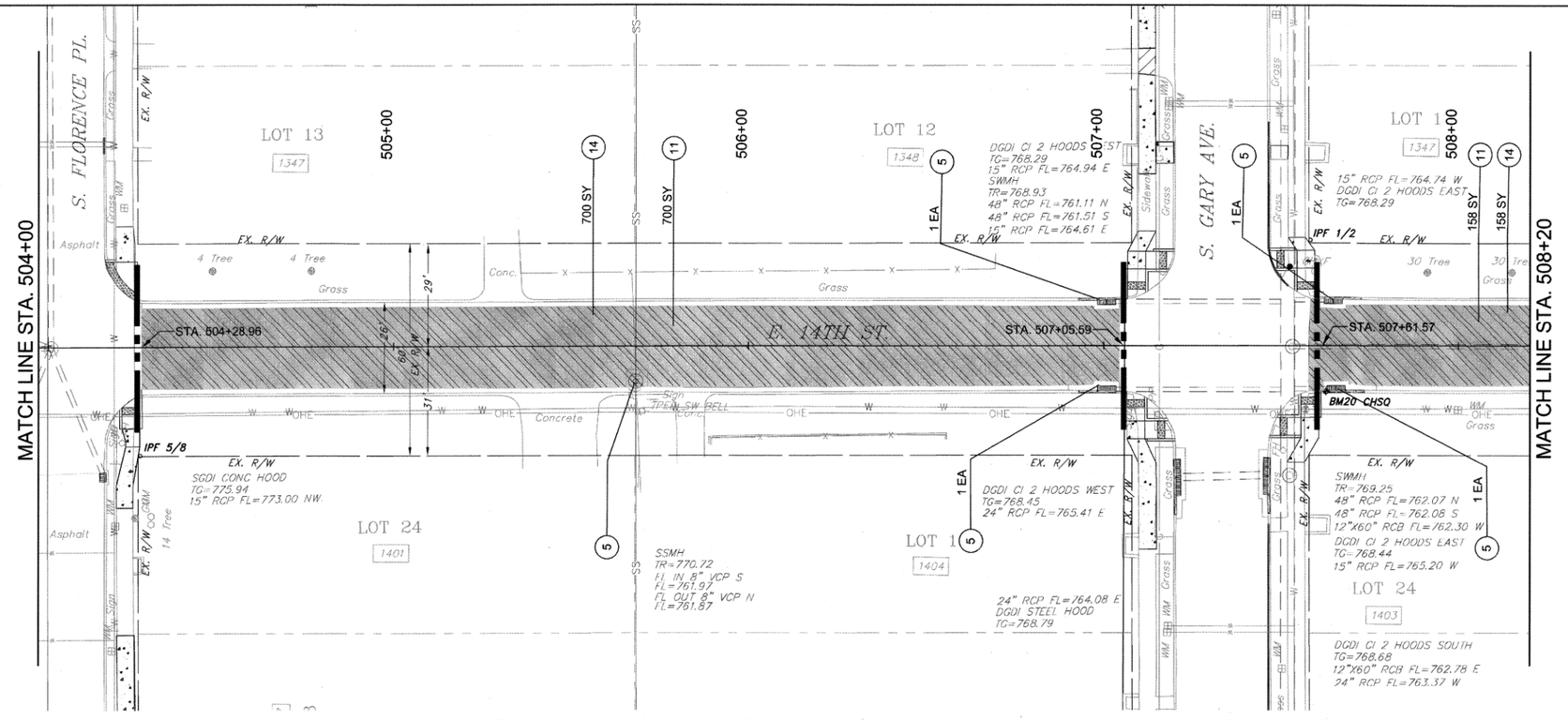
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.	DPKW	1/2026
	LEAD ENGR.	DEP	3/26
	FIELD MGR.	JBM	3/26
	RECOMMENDED DESIGN MANAGER	MAS	3-26

APPROVED:
CITY ENGINEER

FILE: DRAWING:
ATLAS PAGE NO: 12, 32
DATE: 11/4/2025
SHEET 94 OF 108 SHEETS

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Bench Mark #35

CHISELED SQUARE,
TLS CONTROL
N=422286.07
E=2575565.87
ELEV. 777.03

Bench Mark #20

CHISELED SQUARE,
TLS CONTROL
N=422268.96
E=2575959.21
ELEV. 769.00

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

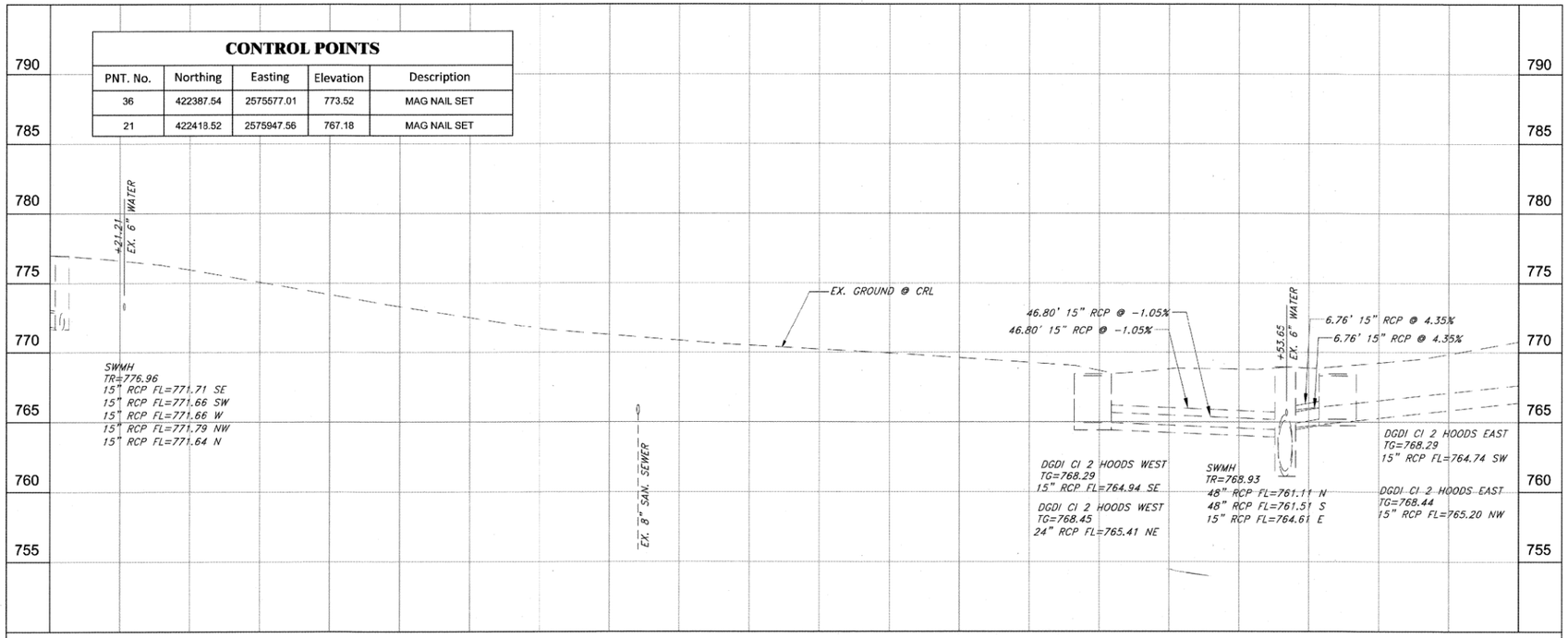
1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
36	422387.54	2575577.01	773.52	MAG NAIL SET
21	422418.52	2575947.56	767.18	MAG NAIL SET



X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP29 (E 14TH ST.).dwg, 260114 - 2:06 PM, DEP

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
01/15/2026

E 14TH ST PLAN & PROFILE (2 OF 3)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

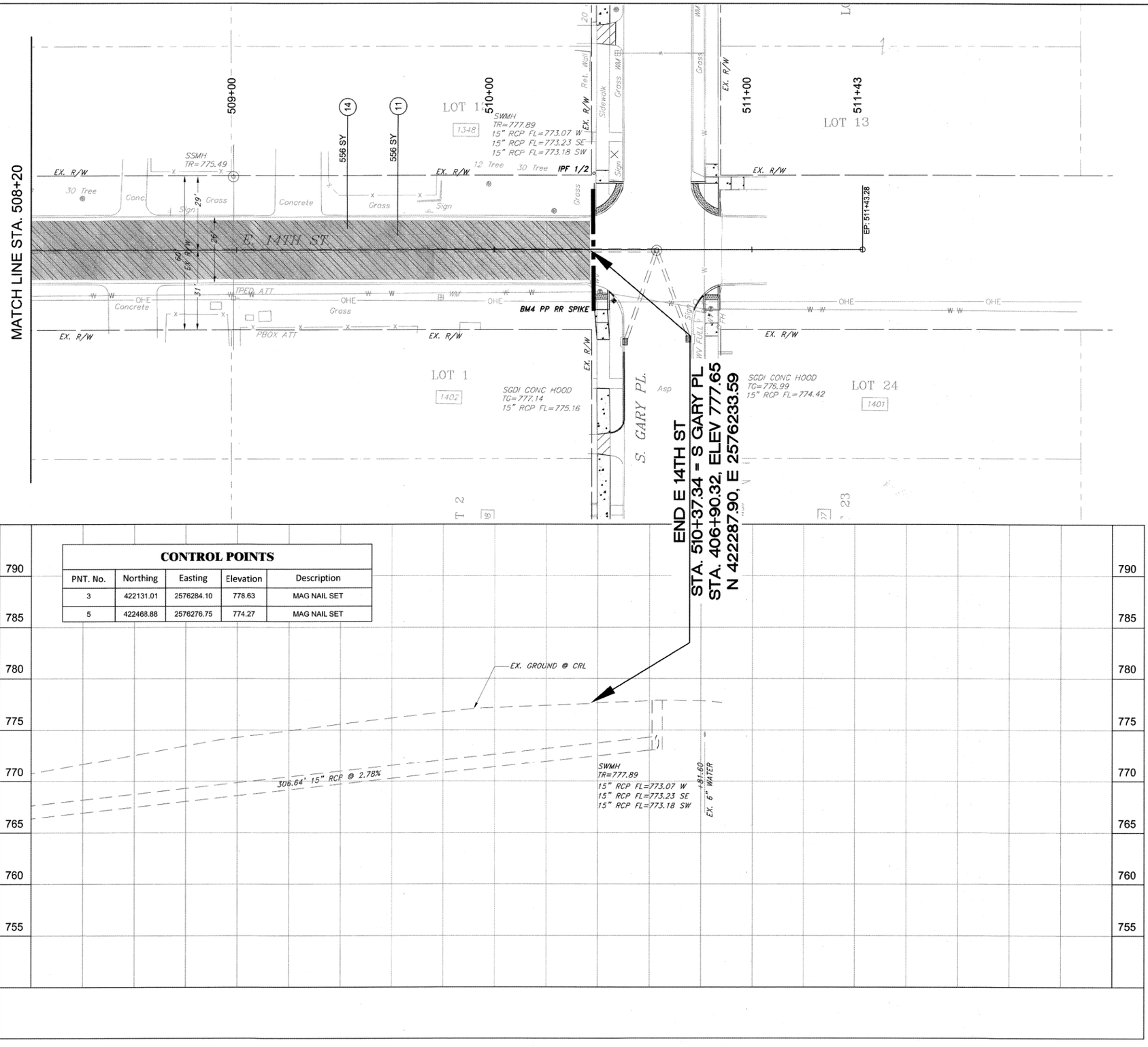
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.		11/2026	
	LEAD ENGR.		3/26	
	FIELD MGR.		3/26	
	RECOMMENDED: DESIGN MANAGER		11/26 HAS 3.26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 95 OF 108 SHEETS



CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
3	422131.01	2576284.10	778.63	MAG NAIL SET
5	422468.88	2576276.75	774.27	MAG NAIL SET

Bench Mark #20

CHISELED SQUARE,
TLS CONTROL
N=422268.96
E=2575959.21
ELEV. 769.00

Bench Mark #4

RR SPIKE IN PP,
TLS CONTROL
N=422268.25
E=2576243.20
ELEV. 779.01

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
No. 24920
OKLAHOMA
01/15/2026

E 14TH ST PLAN & PROFILE (3 OF 3)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

REVISION	BY	DATE

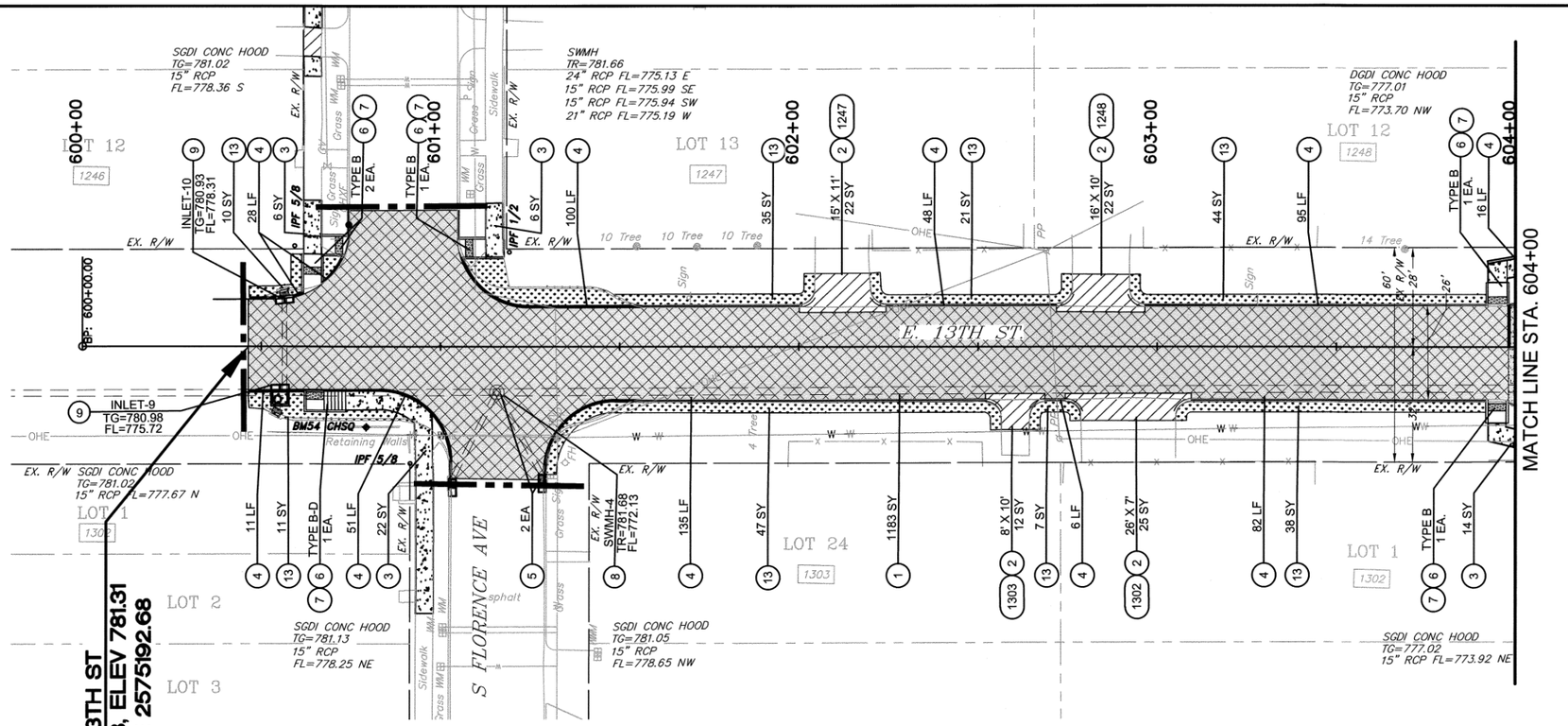
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	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.	DMH	1/2026
HORIZONTAL: 1"=20'	LEAD ENGR.	DP	4/26
	FIELD MGR.	JBW	3/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER	HAS	3-26

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 96 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP29 (E 14TH ST.).dwg, 260114 - 2:07 PM, DEP



Bench Mark #54

CHISELED SQUARE,
TLS CONTROL
N=422905.55
E=2575226.00
ELEV. 783.22

Bench Mark #39

CHISELED SQUARE,
TLS CONTROL
N=422987.27
E=2575608.69
ELEV. 778.83

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
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9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

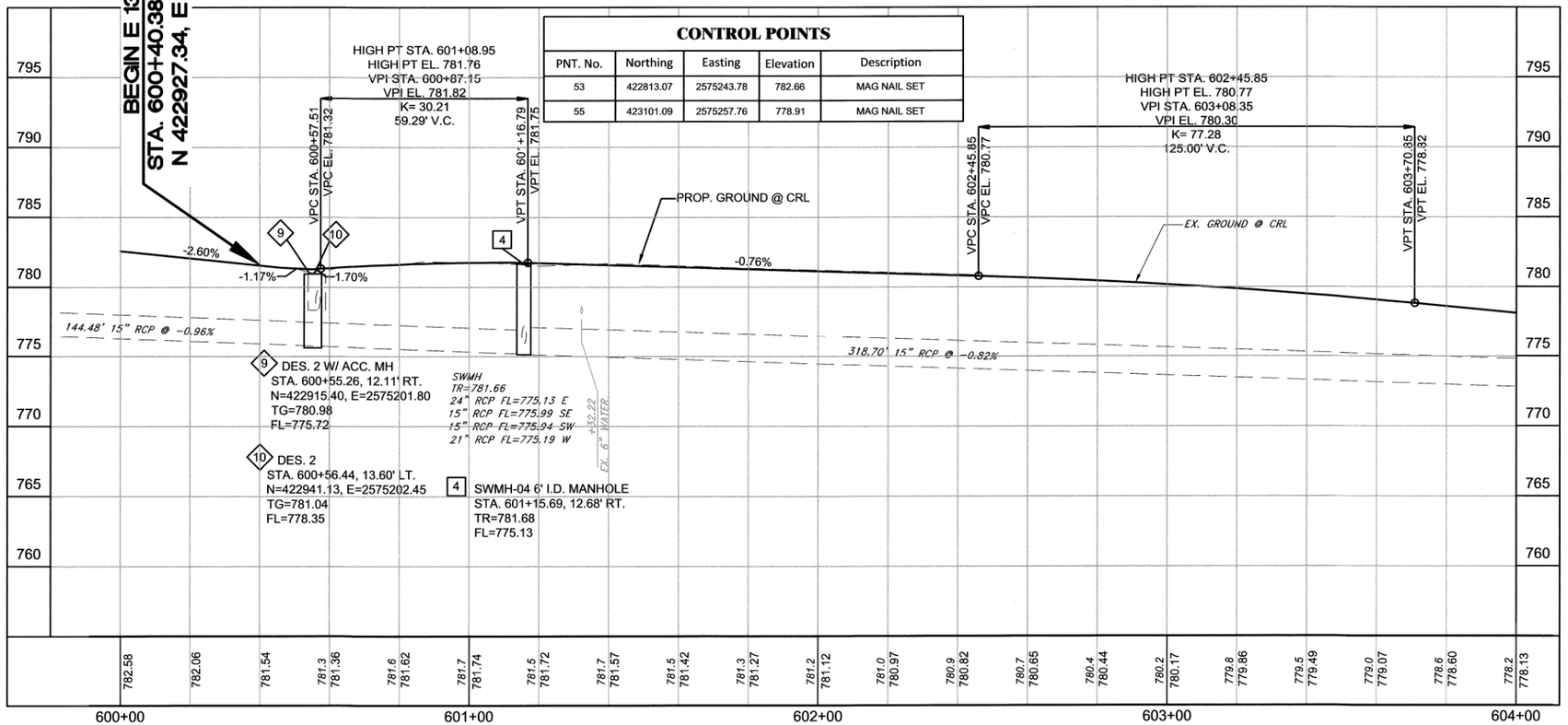
PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET



CONTROL POINTS

PNT. No.	Northing	Easting	Elevation	Description
53	422813.07	2575243.78	782.66	MAG NAIL SET
55	423101.09	2575257.76	778.91	MAG NAIL SET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
8/17/2026

REVISION	BY	DATE

E 13TH ST PLAN & PROFILE (1 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

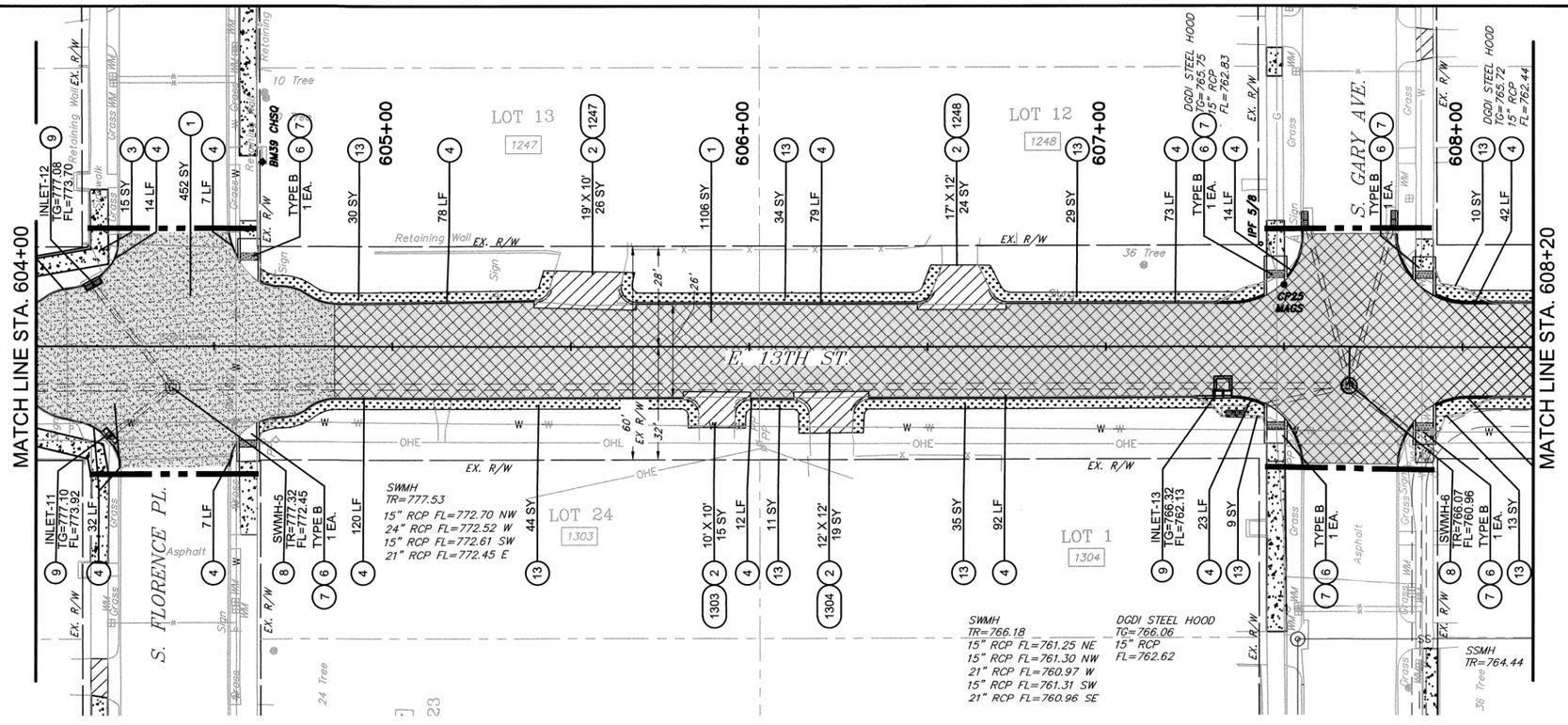
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

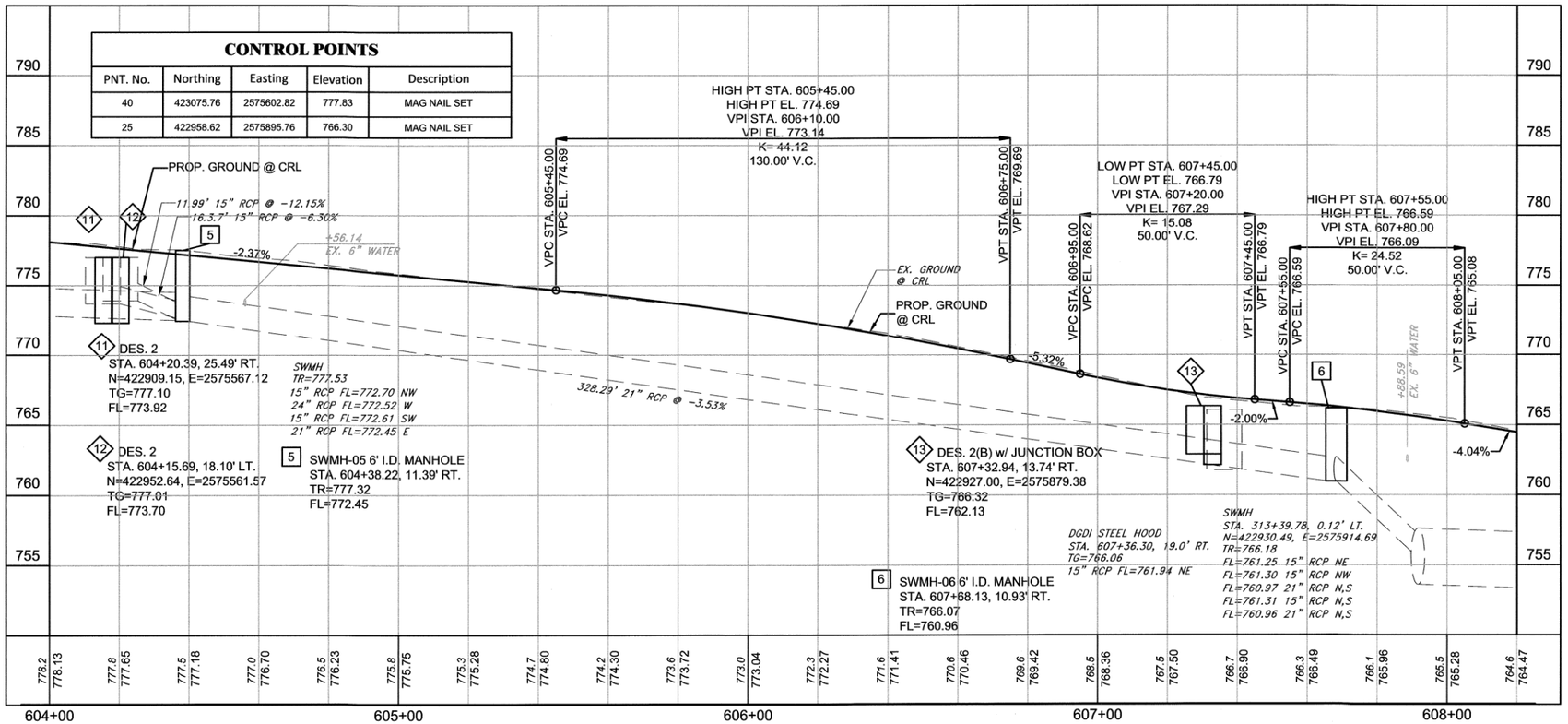
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025
	DESIGNED BY:	BKL	3/2025
	SURVEY BY:	TLS	2/2021
PROFILE SCALE	PROJ. MGR.		8/26
HORIZONTAL: 1"=20'	LEAD ENGR.		10/26
	FIELD MGR.		10/26
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		10-26

APPROVED: CITY ENGINEER

FILE: DRAWING:
ATLAS PAGE NO: 12, 32
DATE: 11/4/2026
SHEET 97 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP32 (E 13TH ST.).dwg, 260604 - 10:26 AM, DEP





Bench Mark #24

CHISELED SQUARE,
TLS CONTROL
N=422892.02
E=2575890.86
ELEV. 765.93

Bench Mark #39

CHISELED SQUARE,
TLS CONTROL
N=422987.27
E=2575608.69
ELEV. 778.83

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE

2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
8/17/2026

REVISION	BY	DATE

E 13TH ST PLAN & PROFILE (2 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

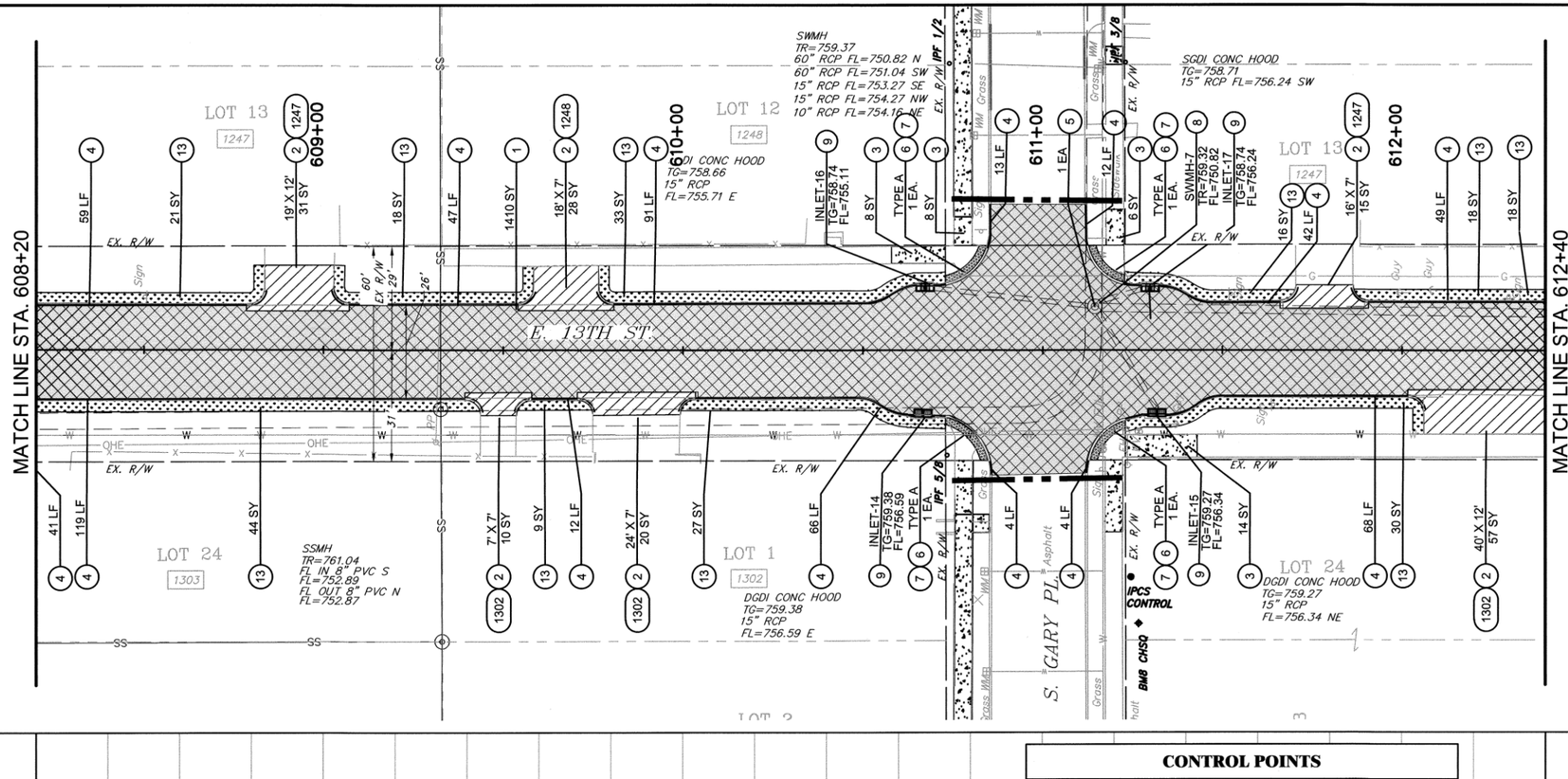
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

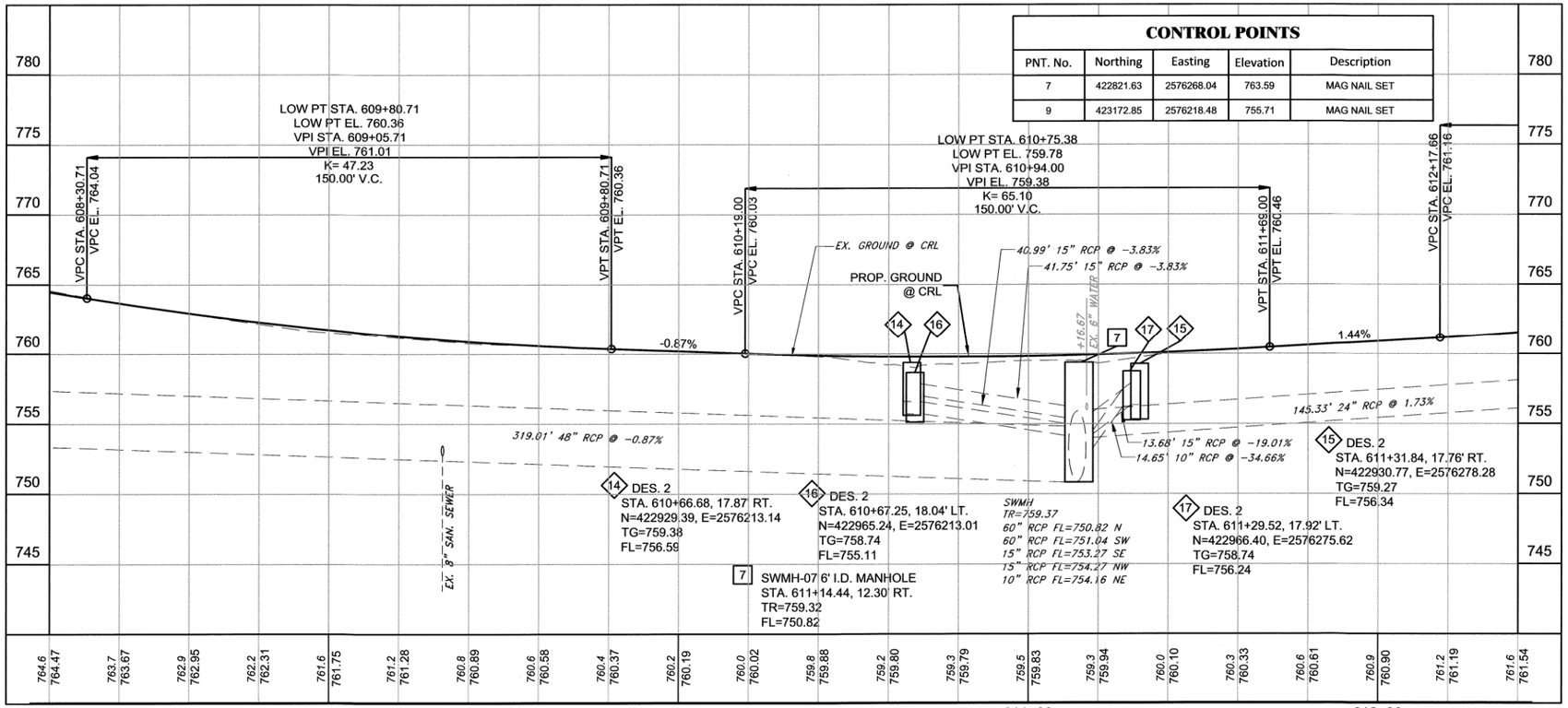
PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.		8/26	
HORIZONTAL: 1"=20'	LEAD ENGR.		10/26	
	FIELD MGR.		10/26	
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		11/4/26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 98 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP32 (E 13TH ST.).dwg, 260604 - 10:26 AM, DEP





Bench Mark #8

CHISELED SQURE,
TLS CONTROL
N=422872.66
E=2576274.36
ELEV. 762.61

Bench Mark #24

CHISELED SQUARE,
TLS CONTROL
N=422892.02
E=2575890.86
ELEV. 765.93

1 inch = 20 ft. (HORIZ)
20 0 20 40
5 0 5 10
1 inch = 5 ft. (VERT)

REPAIR LEGEND:

- FULL DEPTH PATCH / RECONSTRUCTION
- FULL DEPTH CONCRETE PAVEMENT
- PC CONCRETE DRIVE
- PC CONCRETE SIDEWALK
- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
3. REMOVE AND REPLACE EXISTING SIDEWALK WITH PC CONCRETE SIDEWALK
4. REMOVE AND REPLACE CONCRETE CURB AND GUTTER
5. ADJUST TO GRADE
6. CONSTRUCT CURB RAMP
7. CONSTRUCT TRUNCATED DOMES
8. CONSTRUCT MANHOLE
9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1 PROP. MANHOLE
2 PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
8/17/2026

REVISION	BY	DATE

E 13TH ST PLAN & PROFILE (3 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

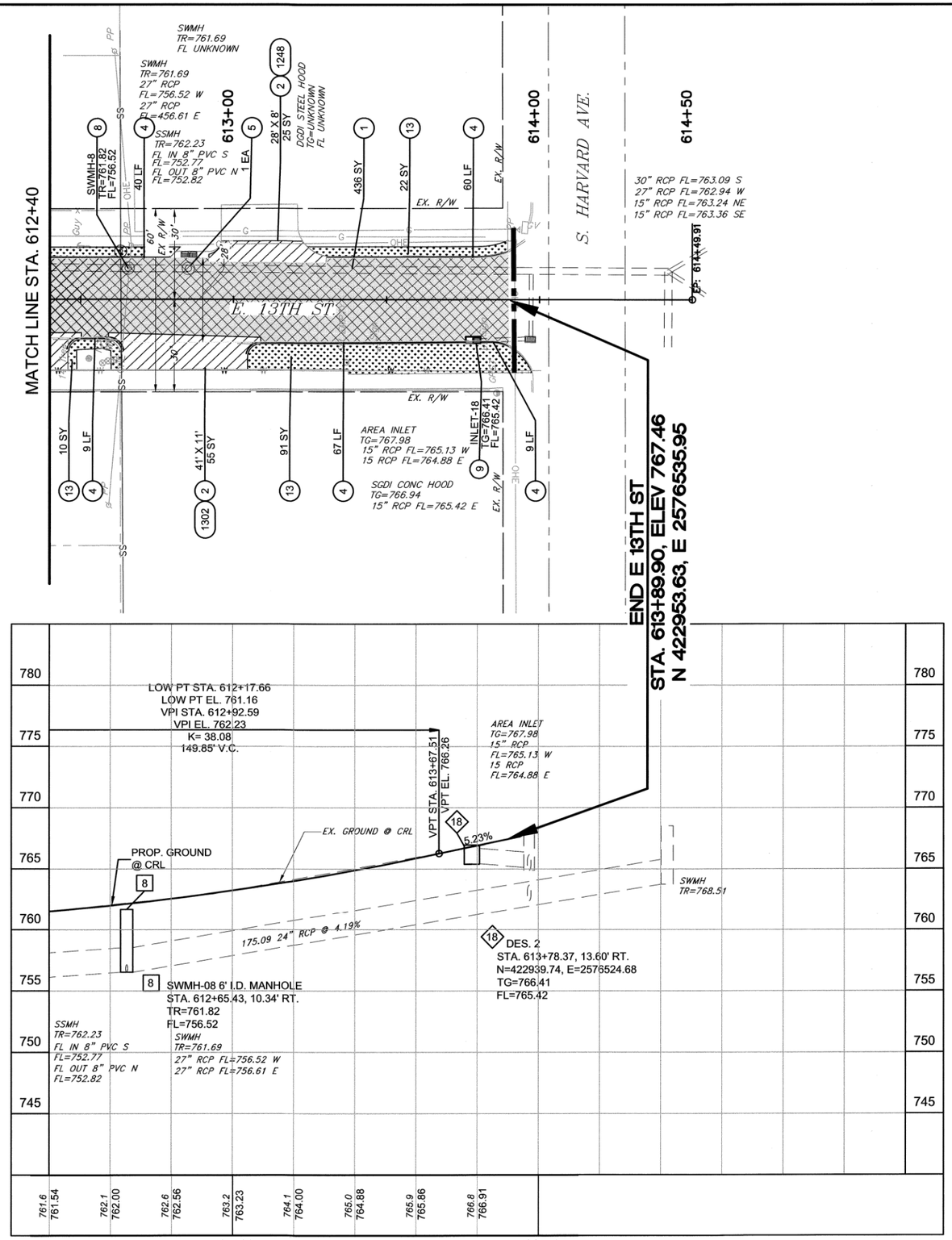
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE HORIZONTAL: 1"=20' VERTICAL: 1"=5'	PROJ. MGR.		8/26	
	LEAD ENGR.		10/26	
	FIELD MGR.		10/26	
	RECOMMENDED: DESIGN MANAGER	HHS	10-26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 99 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP32 (E 13TH ST.).dwg, 260604 - 10:26 AM, DEP



CONTROL POINTS				
PNT. No.	Northing	Easting	Elevation	Description
7	422821.63	2576268.04	763.59	MAG NAIL SET
9	423172.85	2576218.48	755.71	MAG NAIL SET

Bench Mark #8

CHISELED SQURE,
TLS CONTROL
N=422872.66
E=2576274.36
ELEV. 762.61

Bench Mark #24

CHISELED SQUARE,
TLS CONTROL
N=422892.02
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1 inch = 20 ft. (HORIZ)
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- FULL DEPTH CONCRETE PAVEMENT
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- 2" ASPHALT OVERLAY
- SOD
- 2" MILL

1. FULL DEPTH PATCH / RECONSTRUCTION
2. REMOVE AND REPLACE EXISTING DRIVE WITH PC CONCRETE DRIVE
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9. CONSTRUCT INLET
10. REMOVE INLET
11. ASPHALT OVERLAY
12. REMOVE AND REPLACE MANHOLE
13. SOLID SLAB SOD
14. MILL AREA

PROJECT LIMITS

1111 NEAREST ADDRESS

PROFILE LEGEND

1. PROP. MANHOLE
2. PROP. INLET

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
8/17/2026

REVISION	BY	DATE

E 13TH ST PLAN & PROFILE (4 OF 4)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

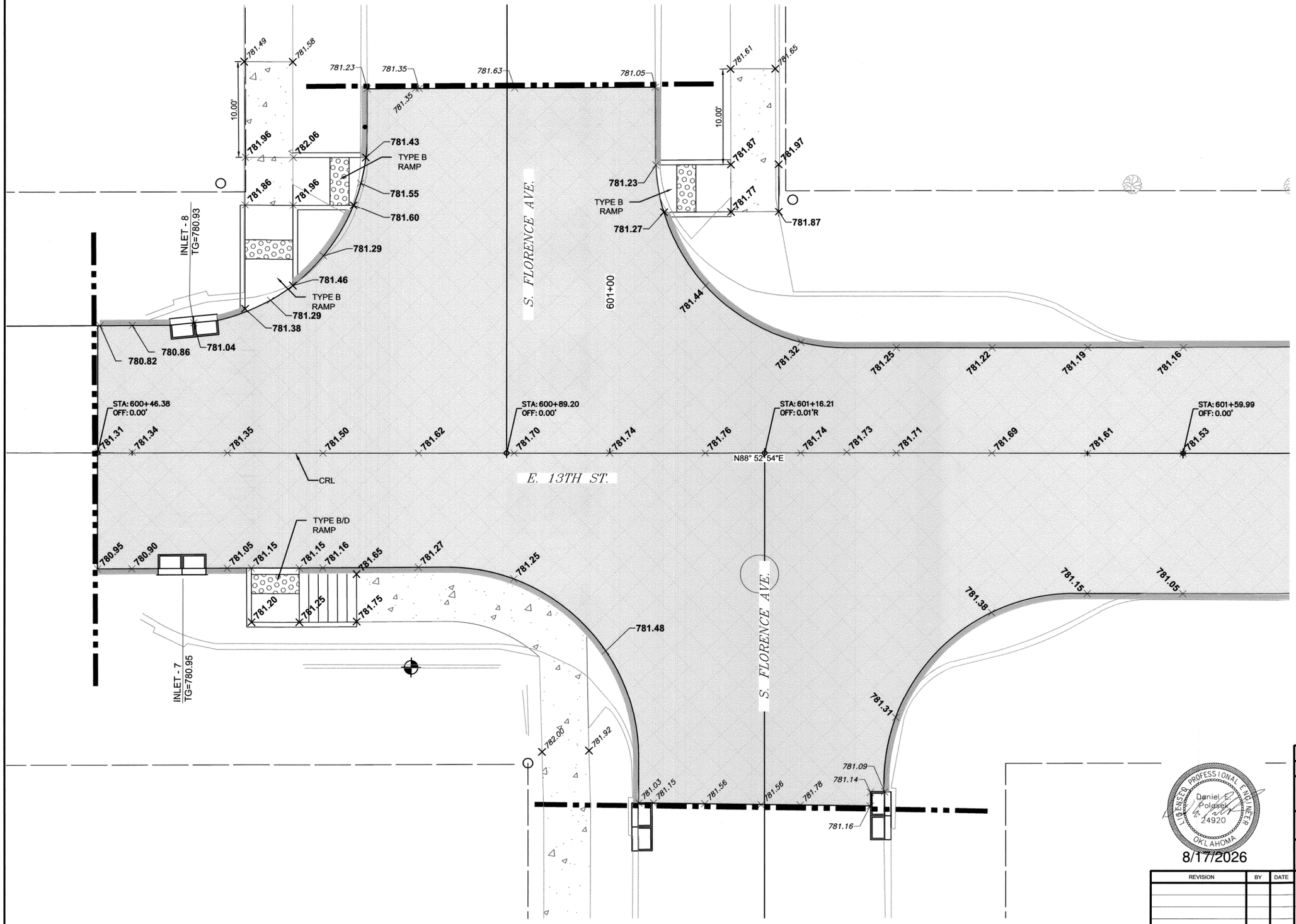
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DRAWN BY:	BKL	3/2025	APPROVED:
	DESIGNED BY:	BKL	3/2025	
	SURVEY BY:	TLS	2/2021	
PROFILE SCALE	PROJ. MGR.		8/26	
HORIZONTAL: 1"=20'	LEAD ENGR.		10/26	
	FIELD MGR.		10/26	
VERTICAL: 1"=5'	RECOMMENDED: DESIGN MANAGER		10-26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32 SHEET 100 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-PP32 (E 13TH ST.).dwg, 260604 - 10:26 AM, DEP



1 inch = 5 feet

5 0 5 10

Bench Mark #54
CHISELED SQUARE,
TLS CONTROL
N=422905.55
E=2575226.00
ELEV. 783.22

Bench Mark #39
CHISELED SQUARE,
TLS CONTROL
N=422987.27
E=2575608.69
ELEV. 778.83

Bench Mark #39
CHISELED SQUARE,
TLS CONTROL
N=422987.27
E=2575608.69
ELEV. 778.83

Bench Mark #41
CHISELED SQUARE,
TLS CONTROL
N=423212.76
E=2575555.10
ELEV. 776.00

SPOT ELEVATIONS
E 13TH ST S & FLORENCE AVE

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
8/17/2026

REVISION	BY	DATE

INTERSECTION DETAILS (NORTH) (1 OF 8)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

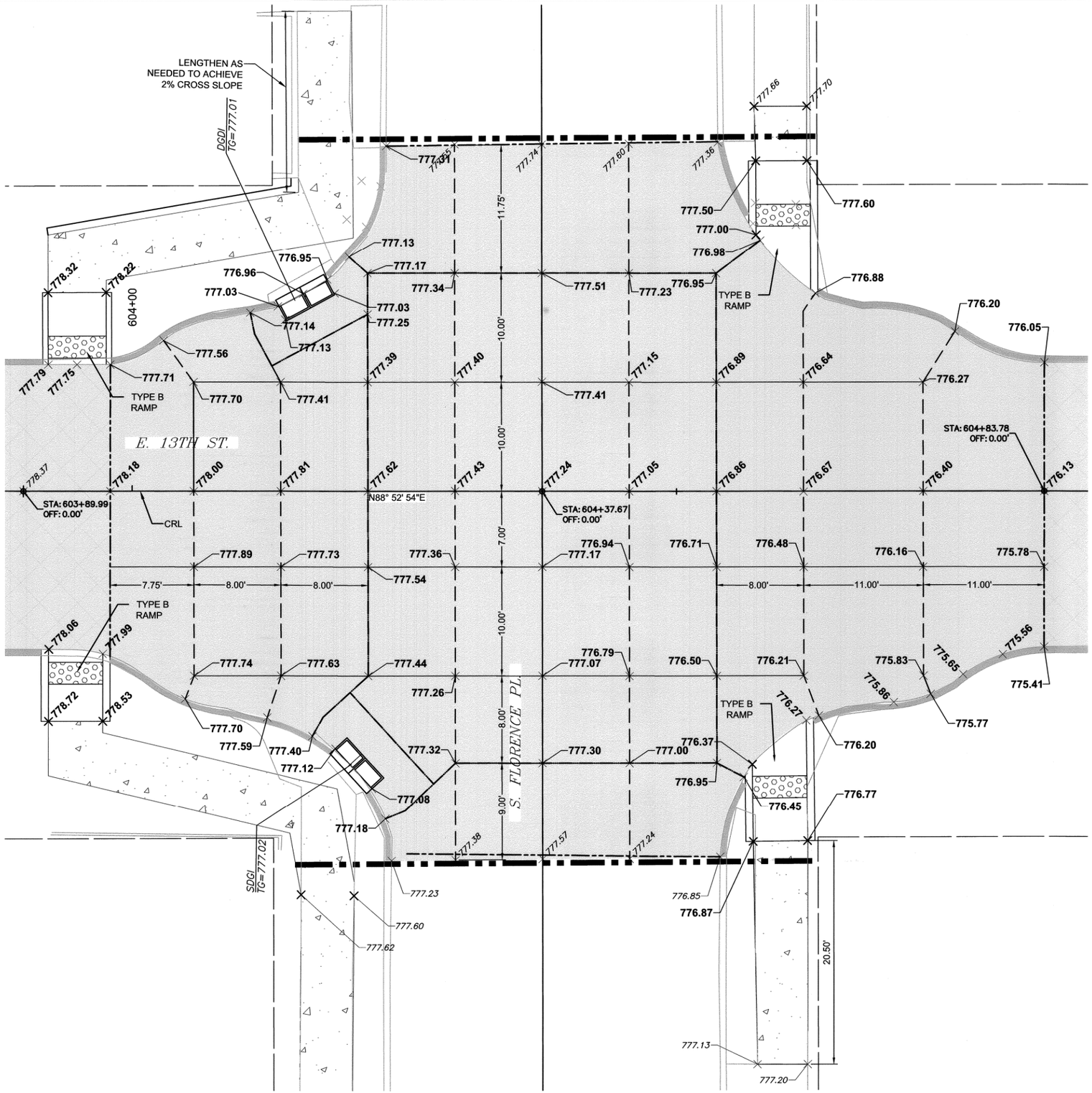
PLAN SCALE: 1"=5'	DWN BY	BKL	8/26
	DES BY	BKL	8/26
	SURV BY		
PROFILE SCALE	PROJ MGR	TNO	8/26
HORIZONTAL:	LEAD ENG		
VERTICAL:	FIELD MGR	DEM	10/26
	RECOMMENDED: DESIGN MANAGER	HES	10-26

APPROVED: CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: 12, 32, 32 SHEET 101 OF 108 SHEETS

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SPOT ELEVATIONS
E 13TH ST S & FLORENCE PL

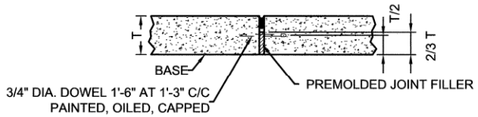
Bench Mark #54	Bench Mark #39
CHISELED SQUARE, TLS CONTROL N=422905.55 E=2575226.00 ELEV. 783.22	CHISELED SQUARE, TLS CONTROL N=422987.27 E=2575608.69 ELEV. 778.83
Bench Mark #39	**Bench Mark #41**
CHISELED SQUARE, TLS CONTROL N=422987.27 E=2575608.69 ELEV. 778.83	CHISELED SQUARE, TLS CONTROL N=423212.76 E=2575555.10 ELEV. 776.00

1 inch = 5 feet

5 0 5 10

LEGEND

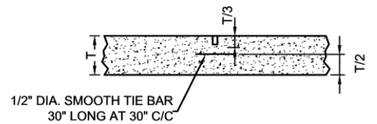
- BUTT JOINT - TYPE AA
- SAWED DOWELED CONTRACTION JOINT TYPE DD
- TIED LONGITUDINAL JOINT
- ISOLATION JOINT - TYPE AA
- MANHOLE BLOCKOUT WITH ISOLATION JOINT
- PROJECT LIMITS



TYPE AA
NOT TO SCALE

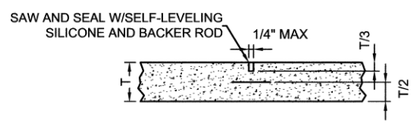
EXPANSION JOINT/ISOLATION JOINT

BASKET ASSEMBLY TO BE APPROVED PRIOR TO INSTALLATION



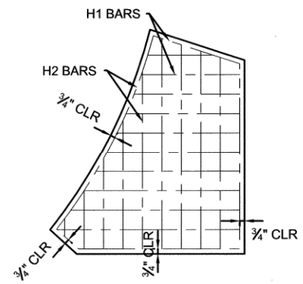
TYPE CC
NOT TO SCALE

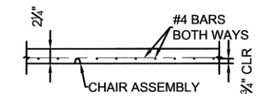
SAWED LONGITUDINAL JOINT
(IN LIEU OF TONGUE AND GROOVE CONST. JOINT)



TYPE DD
NOT TO SCALE

SAWED DOWELED CONTRACTION JOINT
PER ODOT ROADWAY STD LTU-5-1





SECTION

TYPICAL PANEL REINFORCEMENT DETAIL
NOT TO SCALE

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
8/17/2026

REVISION	BY	DATE

INTERSECTION DETAILS (NORTH) (2 OF 8)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

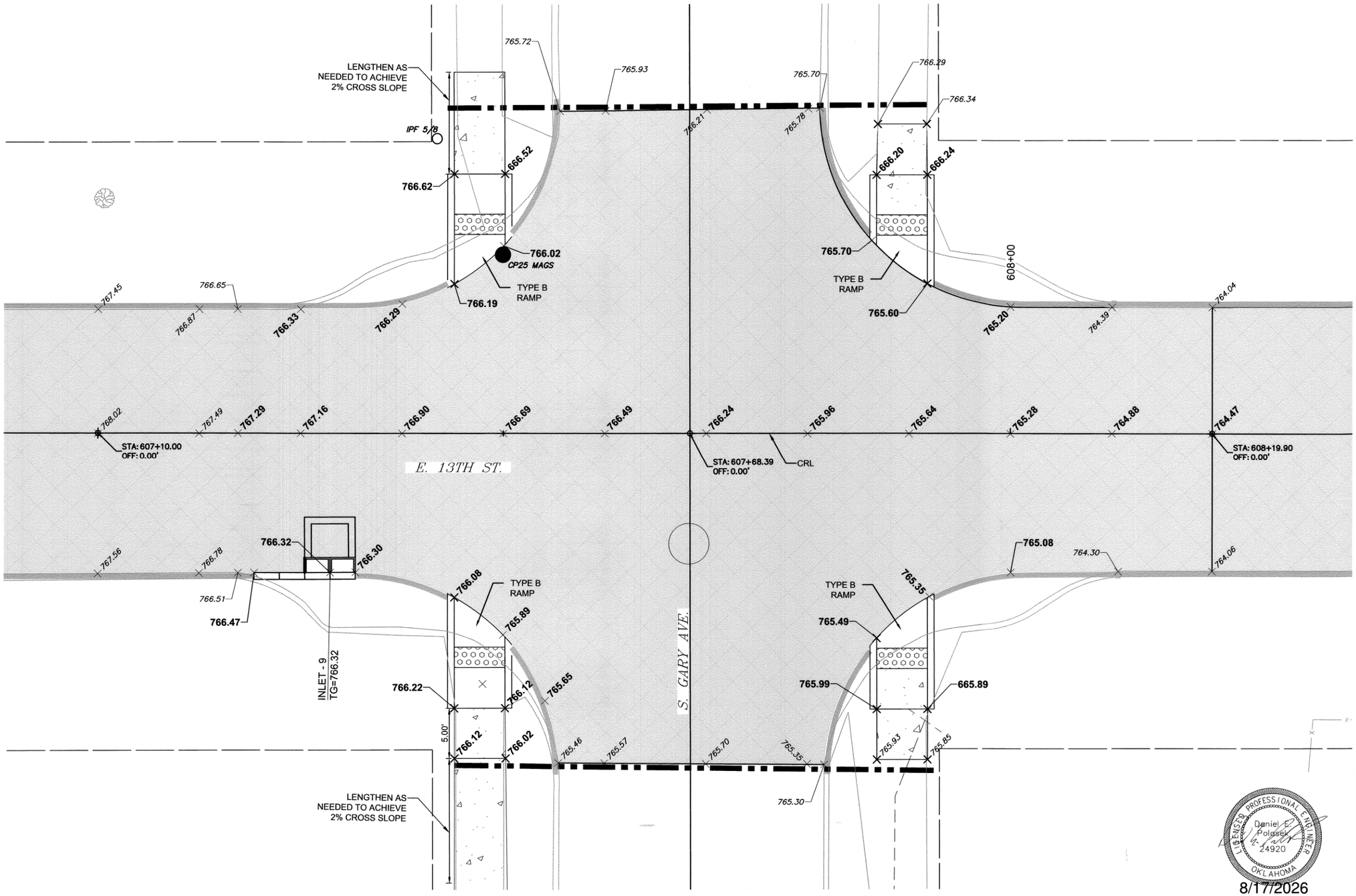
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=5'	DWN BY	BKL	8/26	APPROVED:
	DES BY	BKL	8/26	
	SURV BY			
PROFILE SCALE	PROJ MGR	MD	8/26	
HORIZONTAL:	LEAD ENG	[illegible]	10/26	
VERTICAL:	FIELD MGR	DEM	10/26	
	RECOMMENDED: DESIGN MANAGER	HAS	10:26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: ### 12, 32 SHEET 102 OF 108 SHEETS

X:\Projects\762-COT Maint Zone 4022\DWG\Sheets NORTH\762-ID05.dwg, 260604 - 10:29 AM, DEP



1 inch = 5 feet

5 0 5 10

Bench Mark #54
CHISELED SQUARE,
TLS CONTROL
N=422905.55
E=2575226.00
ELEV. 783.22

Bench Mark #39
CHISELED SQUARE,
TLS CONTROL
N=422987.27
E=2575608.69
ELEV. 778.83

Bench Mark #39
CHISELED SQUARE,
TLS CONTROL
N=422987.27
E=2575608.69
ELEV. 778.83

Bench Mark #41
CHISELED SQUARE,
TLS CONTROL
N=423212.76
E=2575555.10
ELEV. 776.00

SPOT ELEVATIONS
E 13TH ST S & GARY AVE

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
No. 24920
OKLAHOMA

8/17/2026

REVISION	BY	DATE

INTERSECTION DETAILS (NORTH) (3 OF 8)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

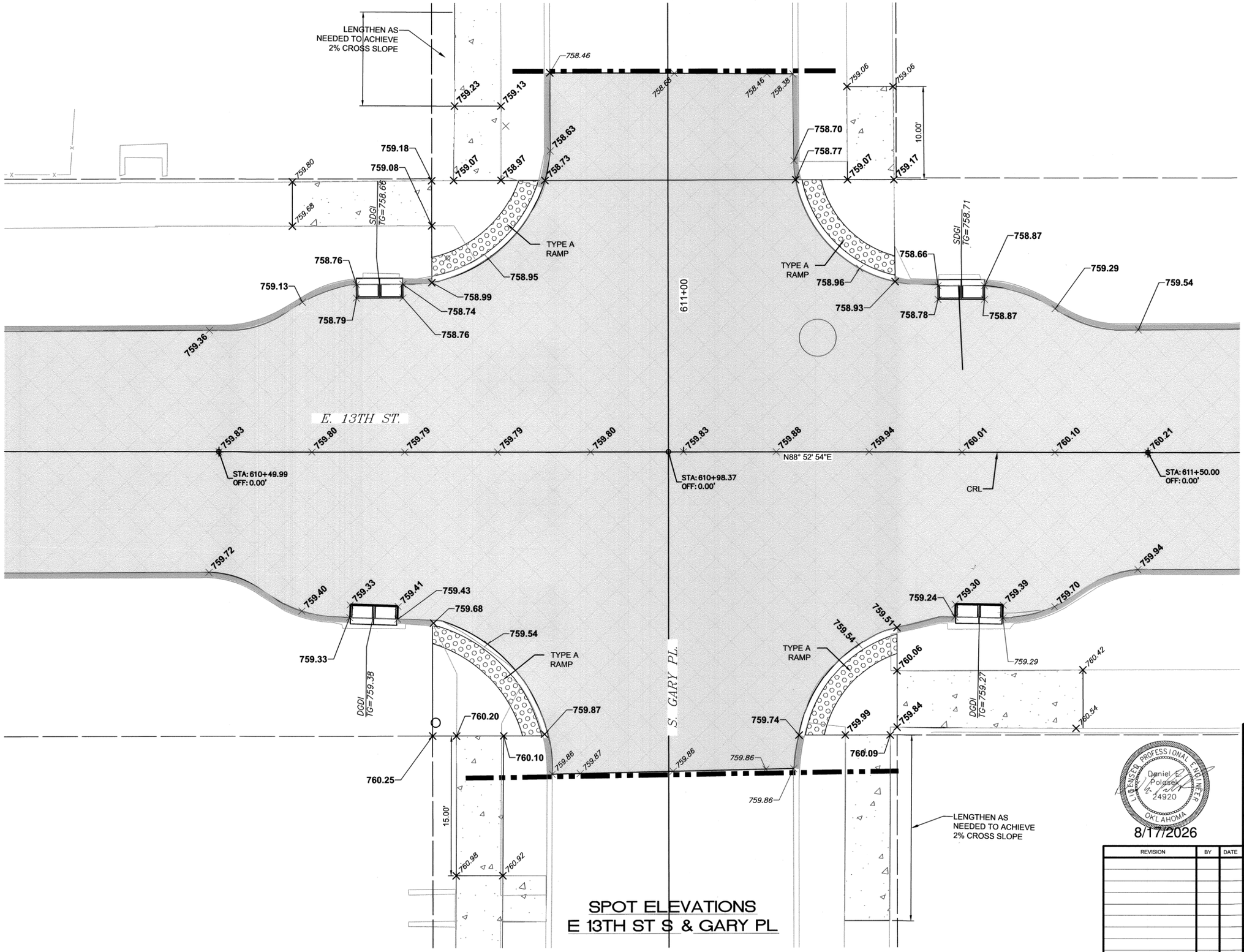
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=5'	DWN BY	BKL	8/26	APPROVED:
	DES. BY	BKL	8/26	
	SURV BY			
PROFILE SCALE	PROJ MGR	DJK	8/26	
HORIZONTAL:	LEAD ENG	DJK	10/26	
VERTICAL:	FIELD MGR	DJK	10/26	
	RECOMMENDED: DESIGN MANAGER		11/4/26	CITY ENGINEER

FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: ### 12, 32 SHEET 103 OF 108 SHEETS

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SPOT ELEVATIONS
E 13TH ST S & GARY PL

1 inch = 5 feet

5 0 5 10

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N=422987.27
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Bench Mark #39
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E=2575608.69
ELEV. 778.83

Bench Mark #41
CHISELED SQUARE,
TLS CONTROL
N=423212.76
E=2575555.10
ELEV. 776.00

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
8/17/2026

REVISION	BY	DATE

INTERSECTION DETAILS (NORTH) (4 OF 8)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

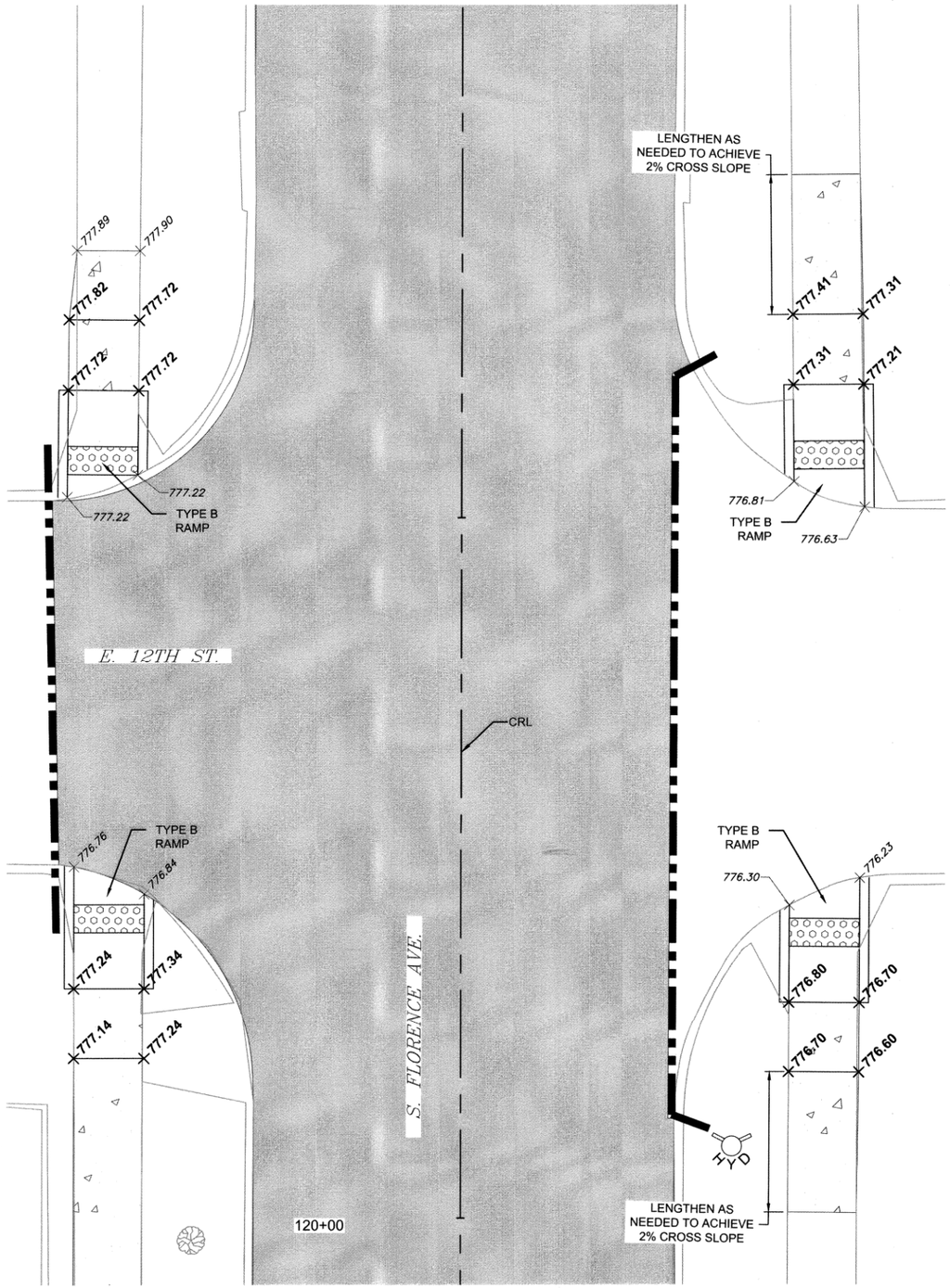
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=5'	DWN BY	BKL	8/26
	DES BY	BKL	8/26
	SURV BY		
PROFILE SCALE	PROJ MGR	DJP	8/26
HORIZONTAL:	LEAD ENG	DJP	10/26
VERTICAL:	FIELD MGR	BKL	10/26
	RECOMMENDED DESIGN MANAGER	HAS 10:21	11/26

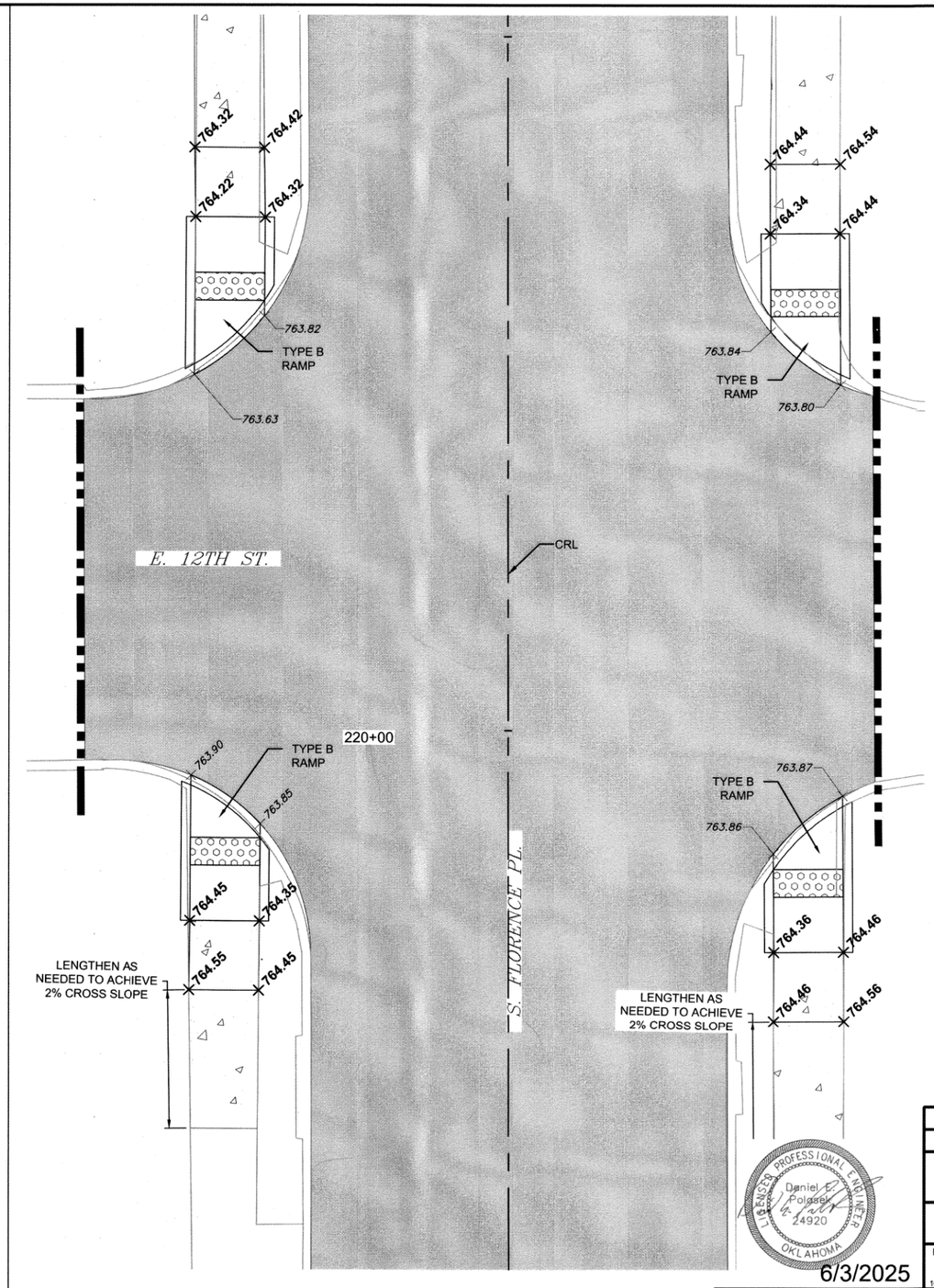
APPROVED:
CITY ENGINEER

FILE: DRAWING:
DATE: 11/4/2026
ATLAS PAGE NO: ### 12, 32
SHEET 104 OF 108 SHEETS

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SPOT ELEVATIONS
E 12TH ST S & FLORENCE AVE



SPOT ELEVATIONS
E 12TH ST S & FLORENCE PL

1 inch = 5 feet
5 0 5 10

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
No. 24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

INTERSECTION DETAILS (NORTH) (5 OF 8)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

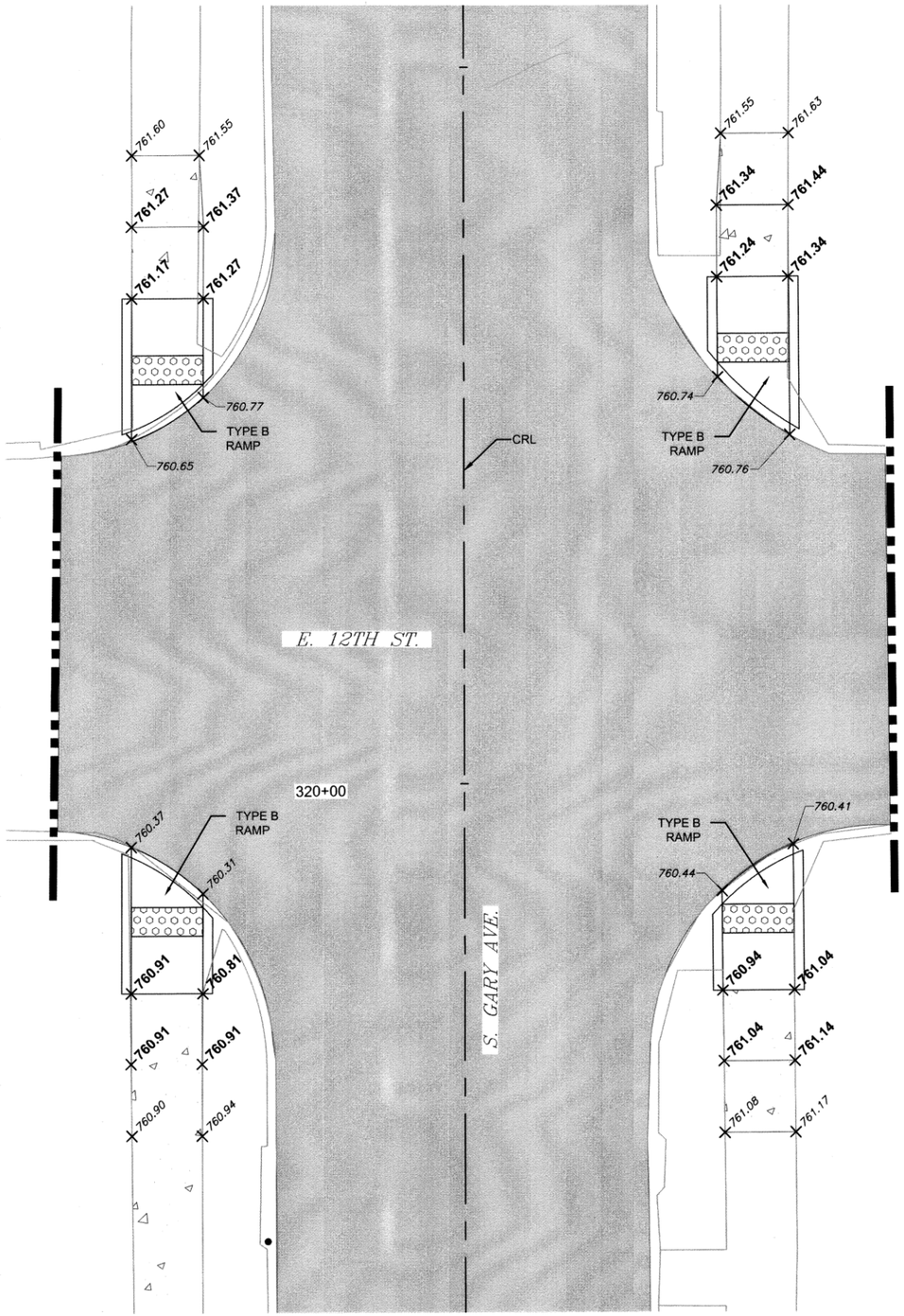
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=5'	DWN. BY	BKL	3/25	APPROVED:
	DES. BY	BKL	3/25	
	SURV. BY	TLS	2/21	
PROFILE SCALE	PROJ MGR	TLD	6/25	
HORIZONTAL:	LEAD ENG	DD	8/26	
VERTICAL:	ENGINEER	DEP	8/26	CITY ENGINEER
	RECOMMENDED: DESIGN MANAGER	HAS	8-26	

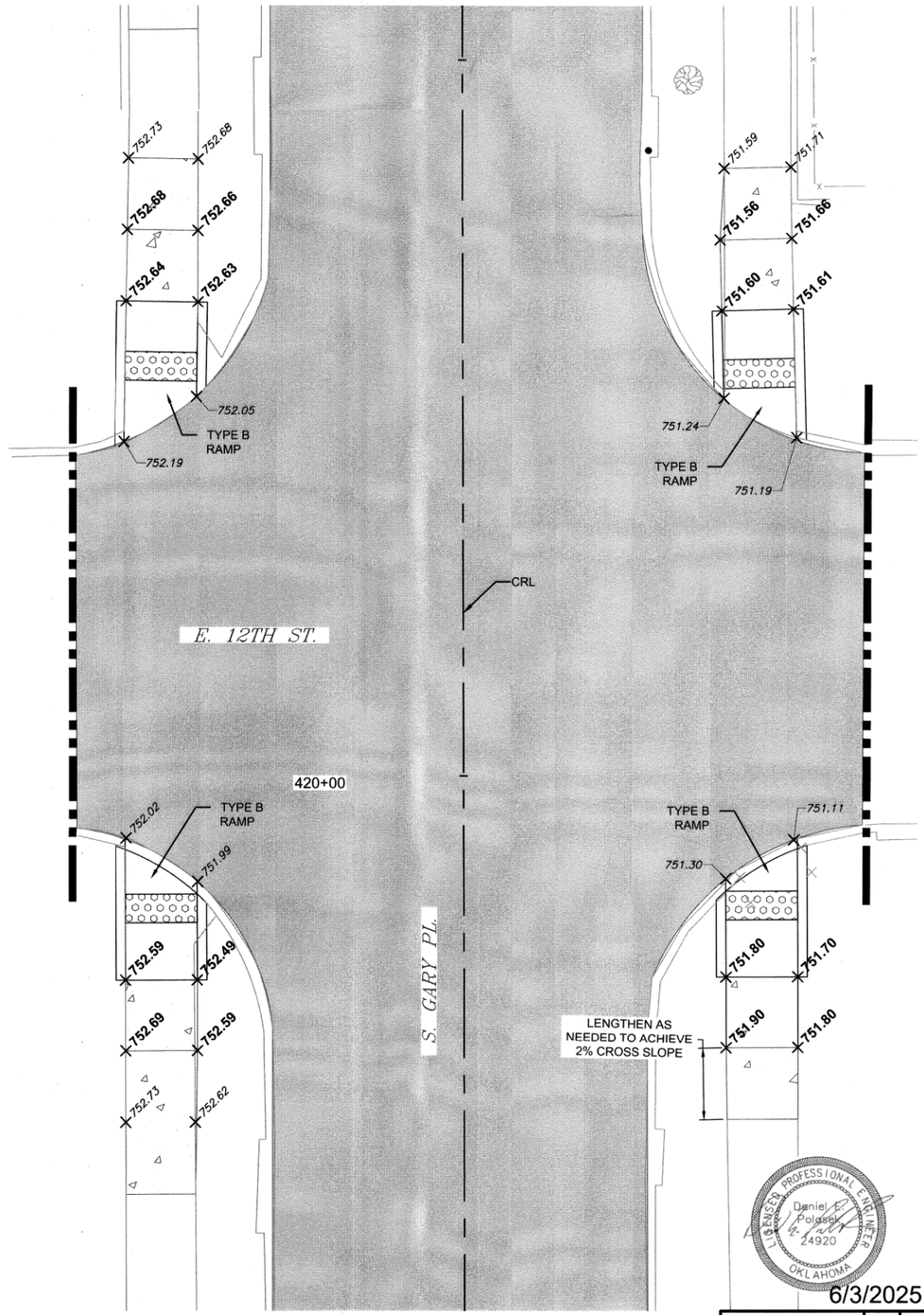
FILE: DRAWING: DATE: 11/4/2026

ATLAS PAGE NO: ### 12, 32 SHEET 105 OF 108 SHEETS

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SPOT ELEVATIONS
E 12TH ST S & GARY AVE



SPOT ELEVATIONS
E 12TH ST S & GARY PL

1 inch = 5 feet
5 0 5 10

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

INTERSECTION DETAILS (NORTH) (6 OF 8)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

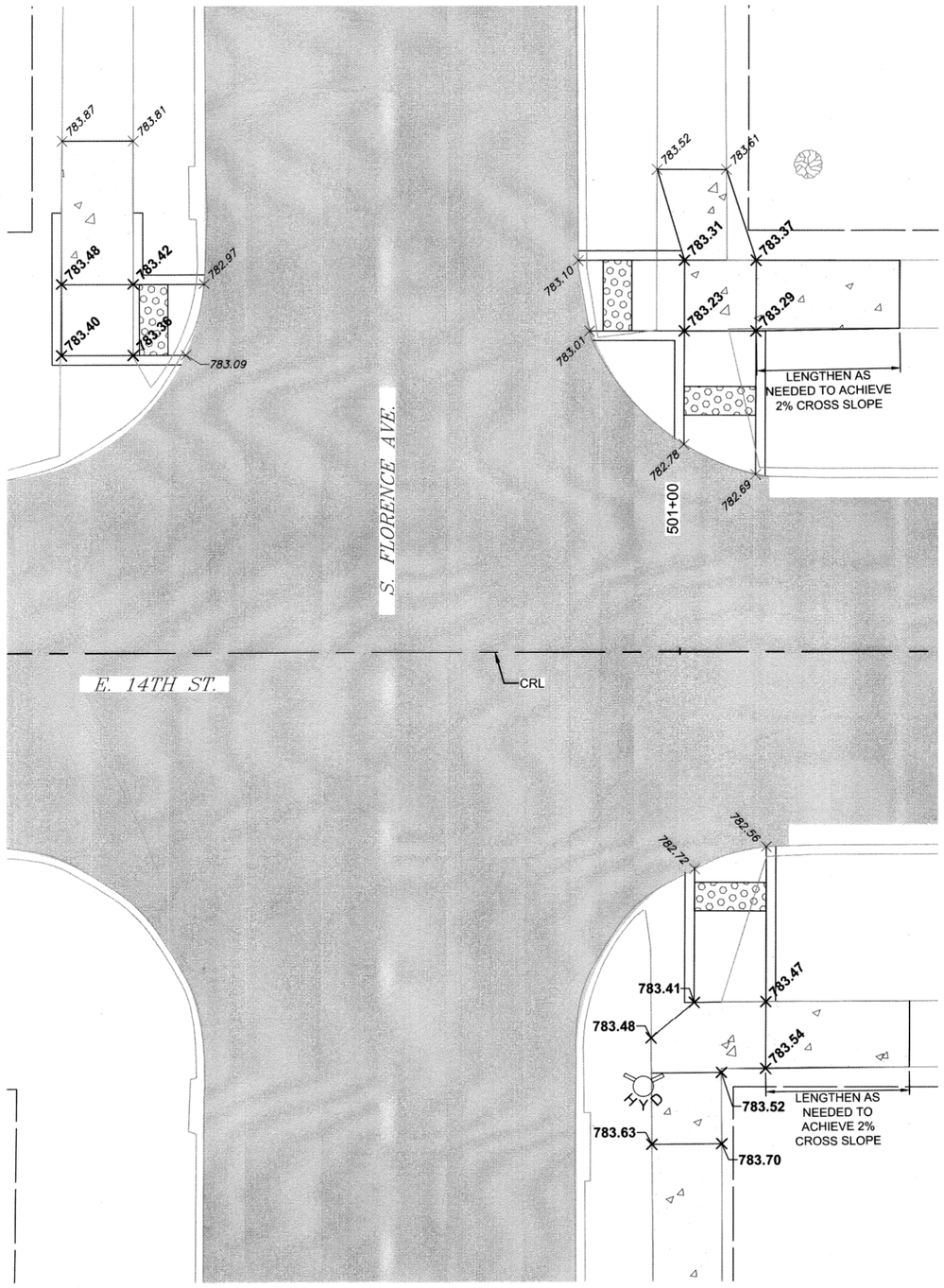
PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=5'	OWN. BY	BKL	3/25
	DES. BY	BKL	3/25
	SURV. BY	TLS	2/21
PROFILE SCALE	PROJ MGR	DEP	6/25
HORIZONTAL:	LEAD ENG	DEP	6/25
VERTICAL:	FIELD MGR	[illegible]	3/26
RECOMMENDED: DESIGN MANAGER		HRS 3-26 DEP 6/25	

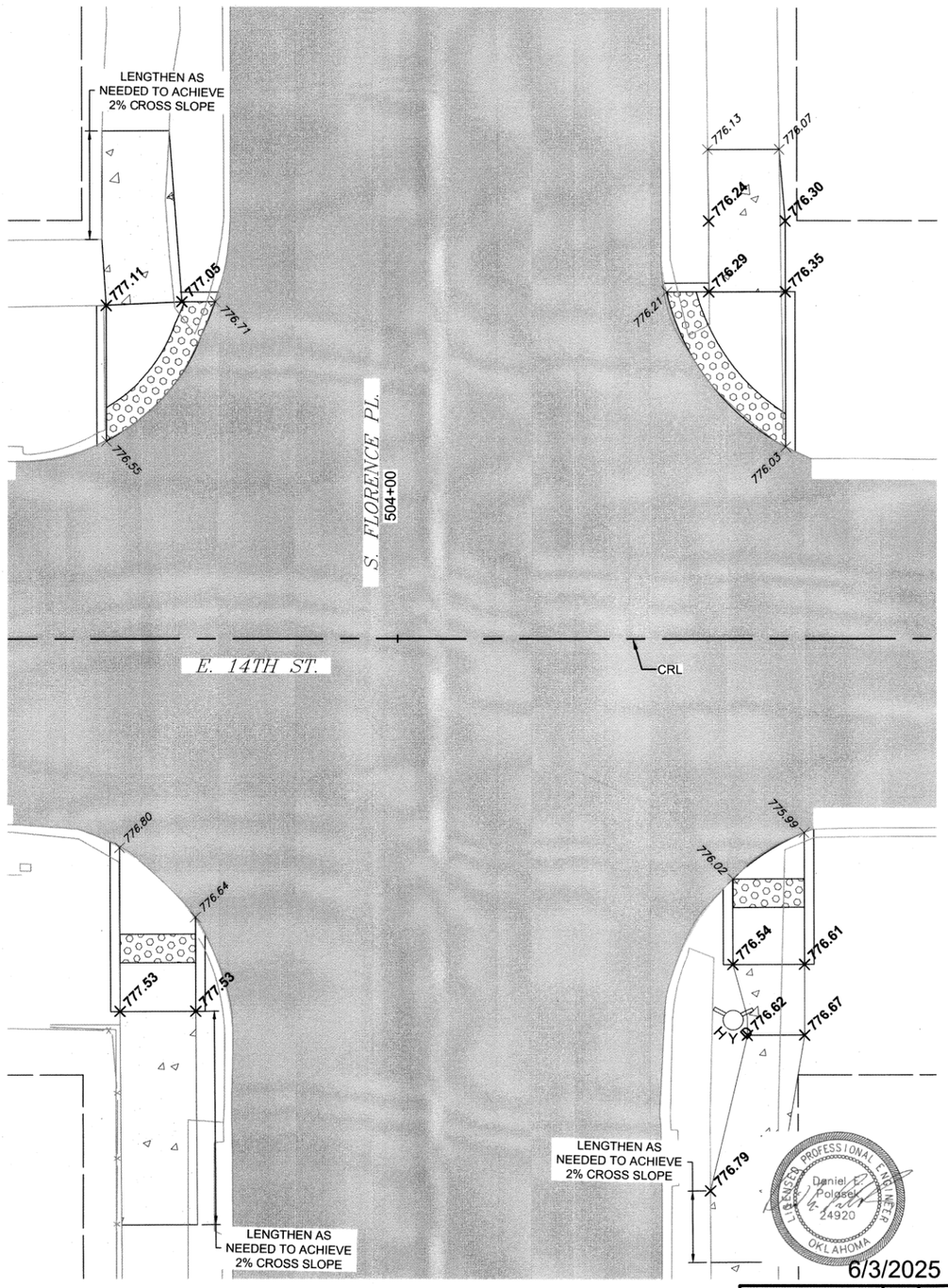
APPROVED: CITY ENGINEER

FILE: DRAWING:
ATLAS PAGE NO: ### 12, 32
DATE: 11/4/2026
SHEET 106 OF 108 SHEETS

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SPOT ELEVATIONS
E 14th ST S & FLORENCE AVE



SPOT ELEVATIONS
E 14th ST S & FLORENCE PL

1 inch = 5 feet
5 0 5 10

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CHISELED SQUARE,
TLS CONTROL
N=422905.55
E=2575226.00
ELEV. 783.22

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CHISELED SQUARE,
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N=422987.27
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ELEV. 778.83

Bench Mark #39
CHISELED SQUARE,
TLS CONTROL
N=422987.27
E=2575608.69
ELEV. 778.83

Bench Mark #41
CHISELED SQUARE,
TLS CONTROL
N=423212.76
E=2575555.10
ELEV. 776.00

INTERSECTION DETAILS (NORTH) (7 OF 8)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

Daniel E. Polasek 24920 LICENSED PROFESSIONAL ENGINEER OKLAHOMA
6/3/2025

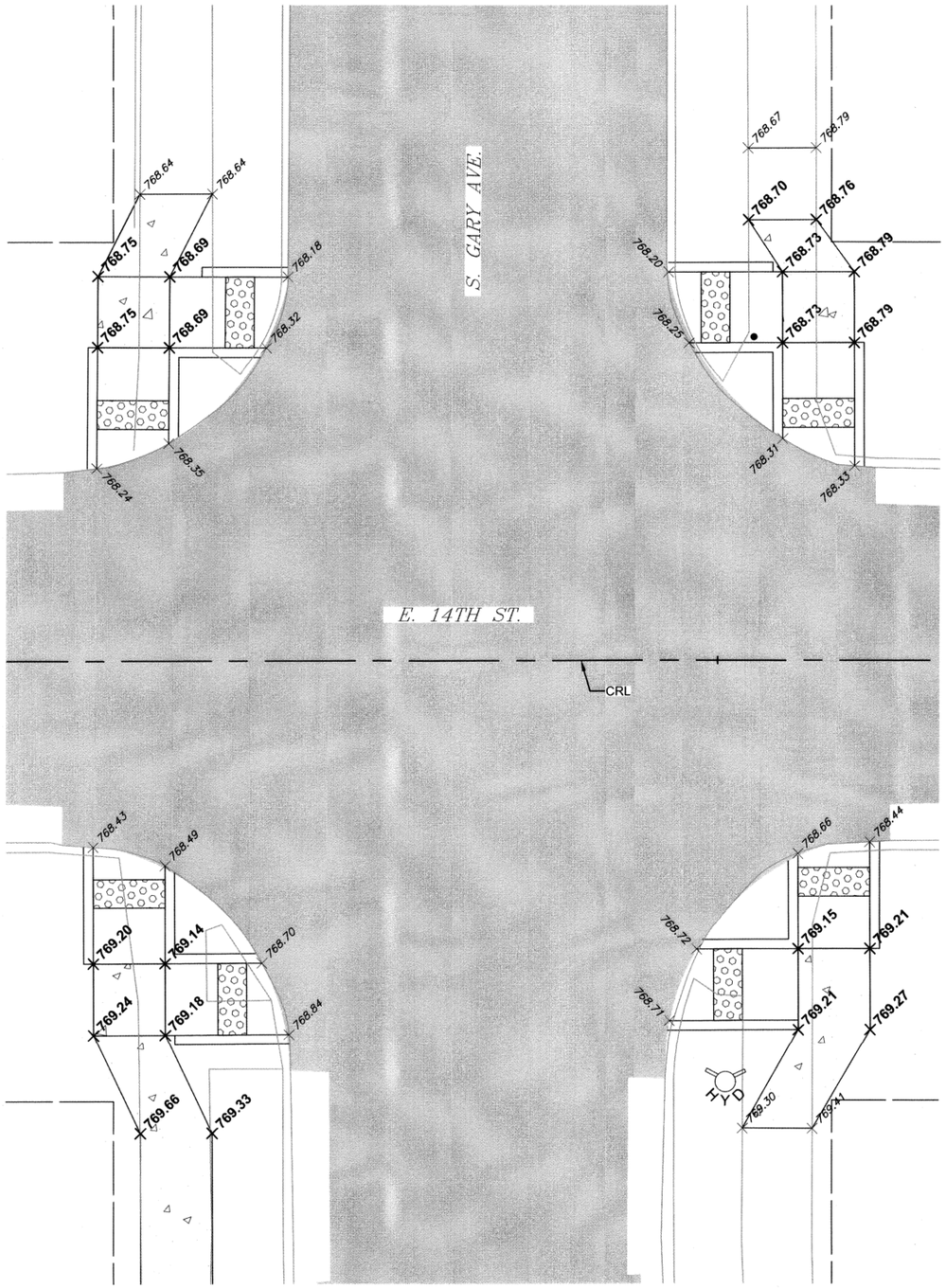
REVISION	BY	DATE

PLAN SCALE: 1"=20'	DWN. BY	BKL	3/25
	DES. BY	BKL	3/25
	CONST. BY	TLS	2/24
PROFILE SCALE	PROJ MGR	ZO	4/25
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VERTICAL:	RECOMMENDED	HAS 3-26	
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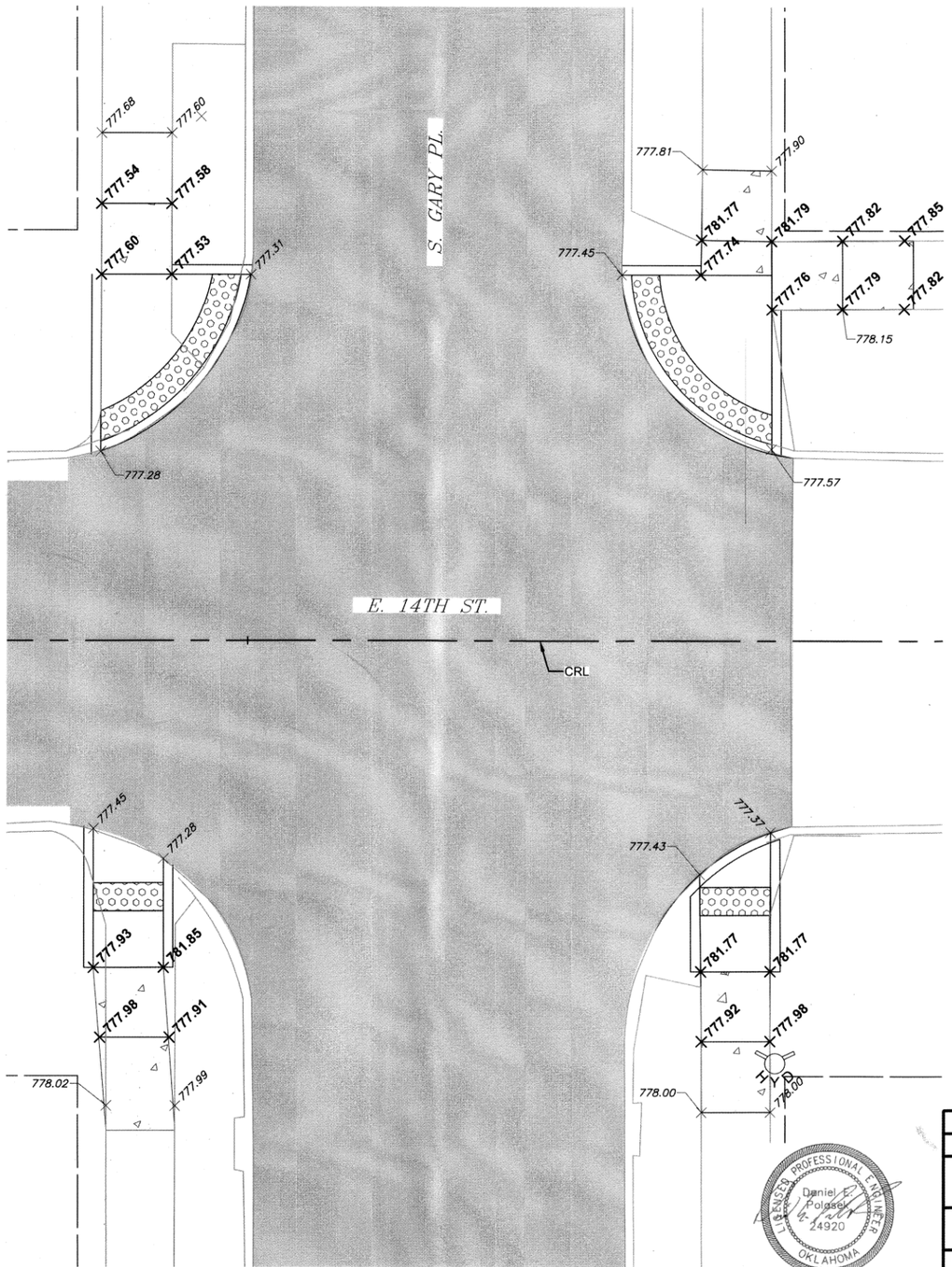
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CITY ENGINEER

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SHEET 107 OF 108 SHEETS

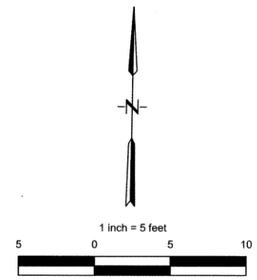
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SPOT ELEVATIONS
E 14TH ST S & S GARY AVE



SPOT ELEVATIONS
E 14TH ST S & S GARY PL



Bench Mark #54
CHISELED SQUARE,
TLS CONTROL
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ELEV. 783.22

Bench Mark #39
CHISELED SQUARE,
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Bench Mark #39
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Bench Mark #41
CHISELED SQUARE,
TLS CONTROL
N=423212.76
E=2575555.10
ELEV. 776.00

LICENSED PROFESSIONAL ENGINEER
Daniel E. Polasek
24920
OKLAHOMA
6/3/2025

REVISION	BY	DATE

INTERSECTION DETAILS (NORTH) (8 OF 8)

PROJ. 2036 N 4022Z

NON-ARTERIAL STREET IMPROVEMENTS
FOR MZ4022

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
BKL, INCORPORATED
1623 E. 6TH STREET TULSA, OKLA. 74120 918-835-9588

PLAN SCALE: 1"=20'	DWN. BY	BKL	3/25	APPROVED:
	DES. BY	BKL	3/25	
	SURV. BY	TLS	2/24	
PROFILE SCALE	PROJ. MGR.	ZJO	6/25	
HORIZONTAL:	LEAD ENG.	DP	3/26	
	FIELD MGR.	TLS	3/26	
VERTICAL:	RECOMMENDED	HAS	3-26	
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SHEET 108 OF 108 SHEETS

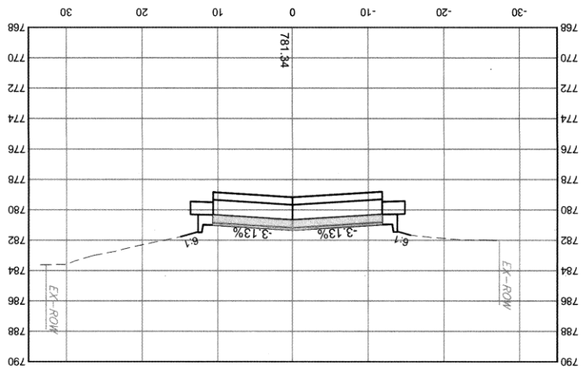
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CROSS SECTIONS - 13TH ST - (1 OF 5)

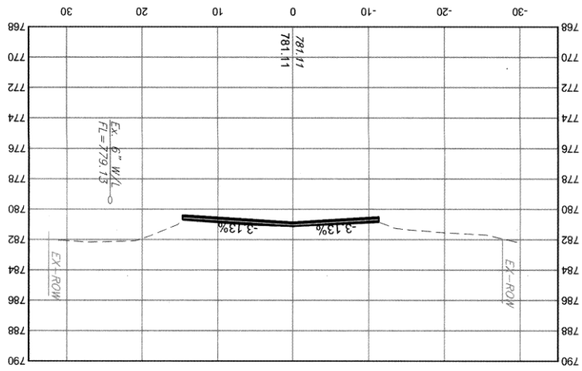
MAINTENANCE ZONE 4022

SCALE: H: 1"=10' V: 1"=5'

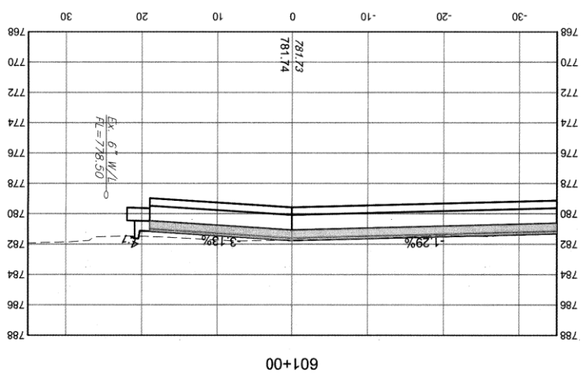
SHEET X01 OF 5 SHEETS



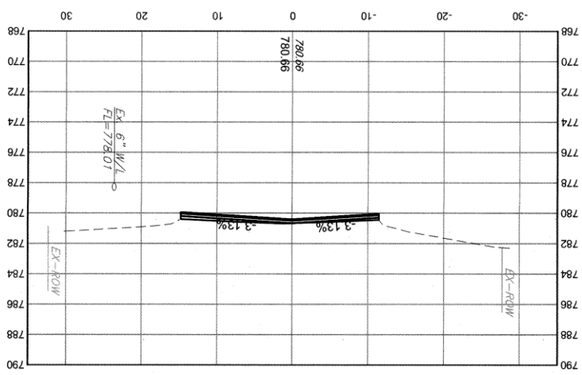
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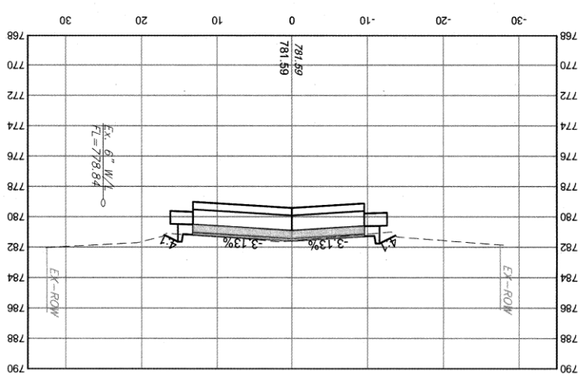
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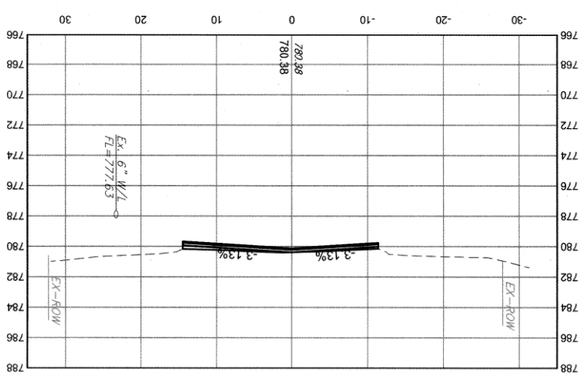
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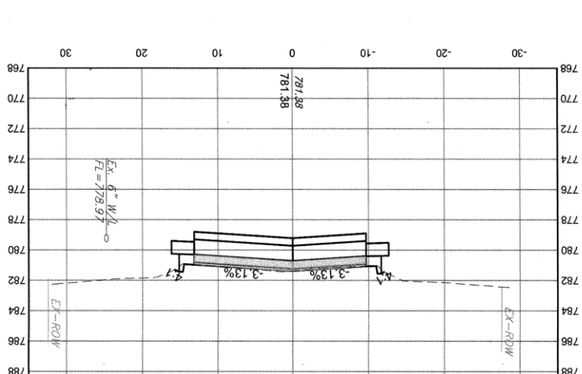
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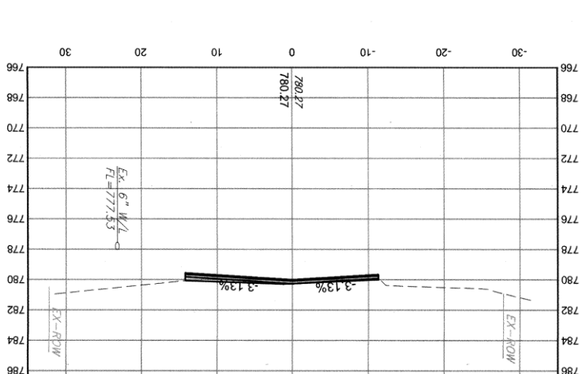
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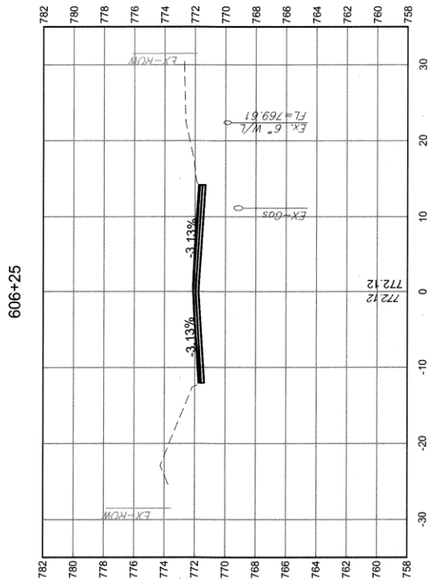
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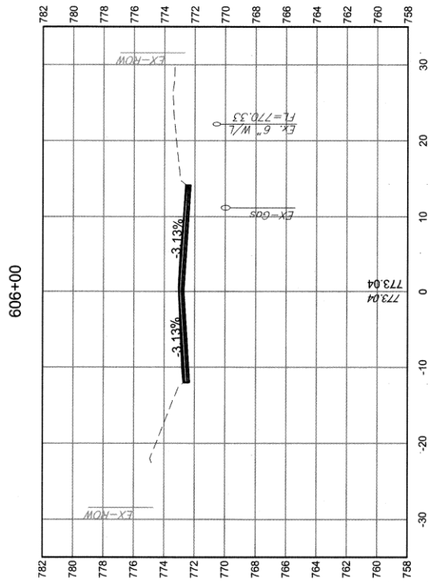


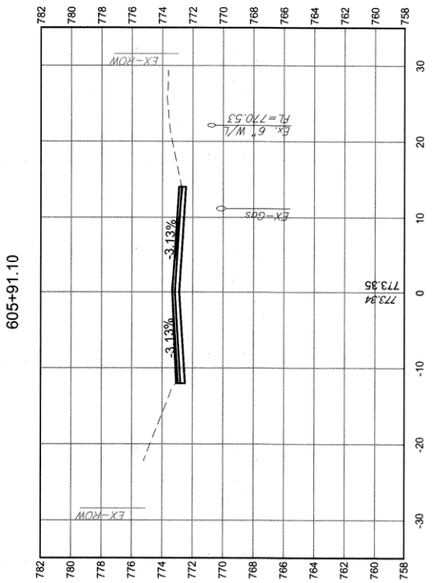
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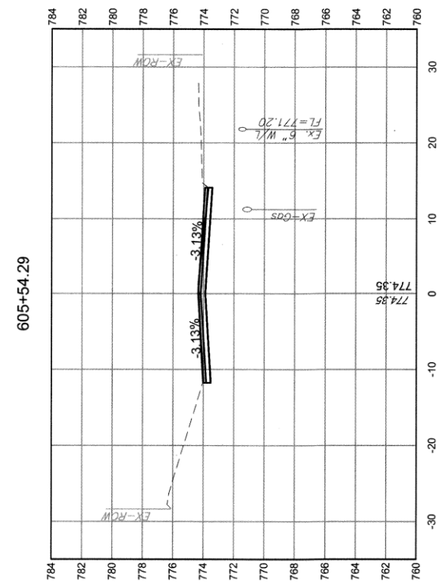


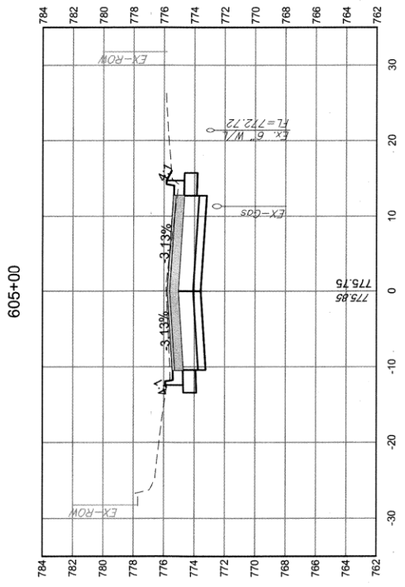
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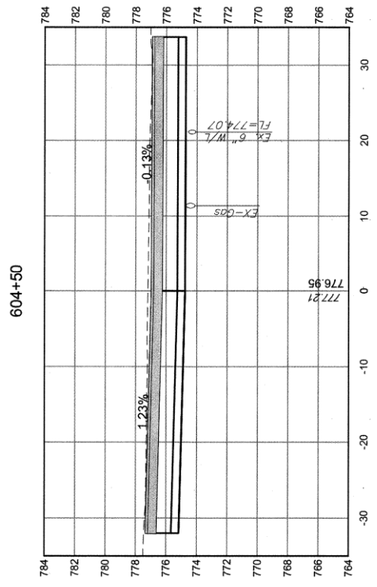


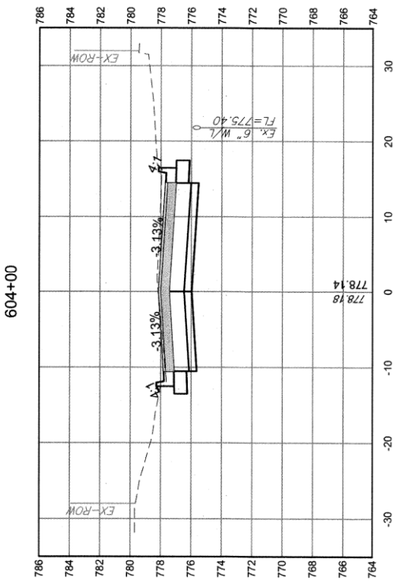


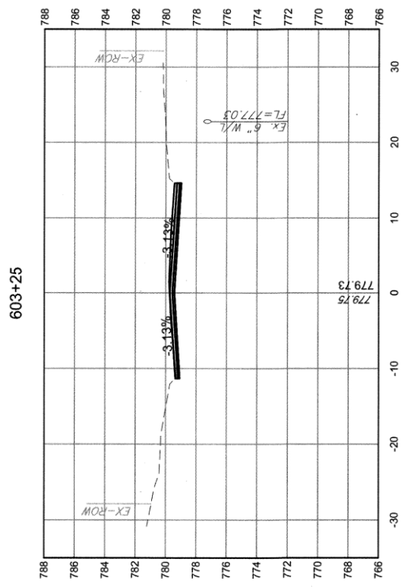




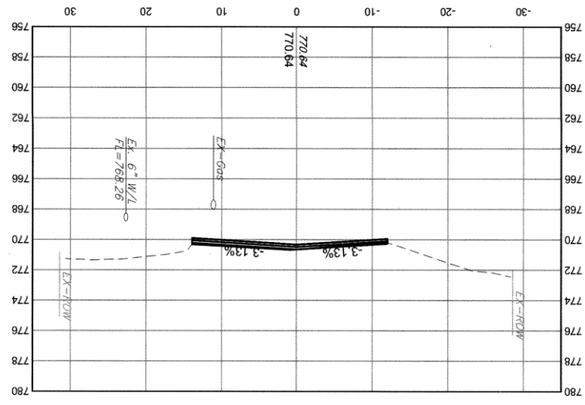




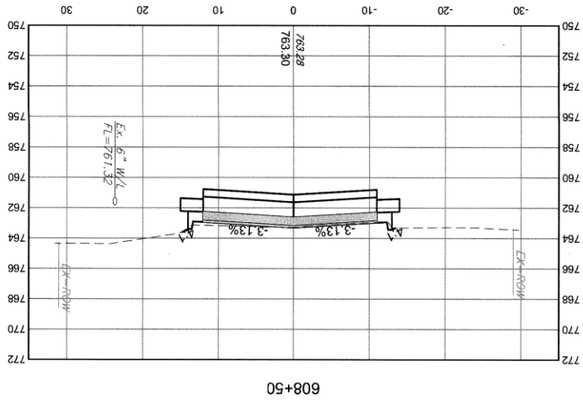




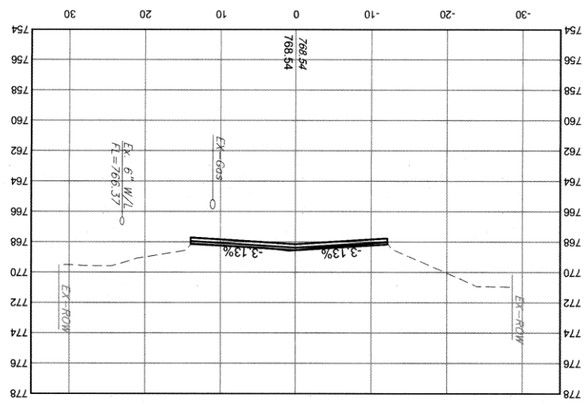
BKL	CROSS SECTIONS - 13TH ST - (2 OF 5)
	MAINTENANCE ZONE 4022
	SCALE: H: 1"=10' V: 1"=5' — SHEET X02 OF 5 SHEETS



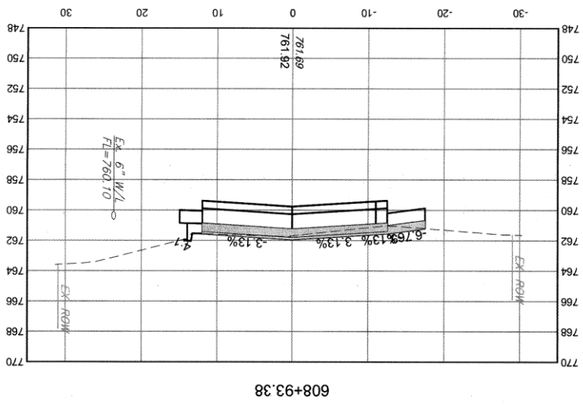
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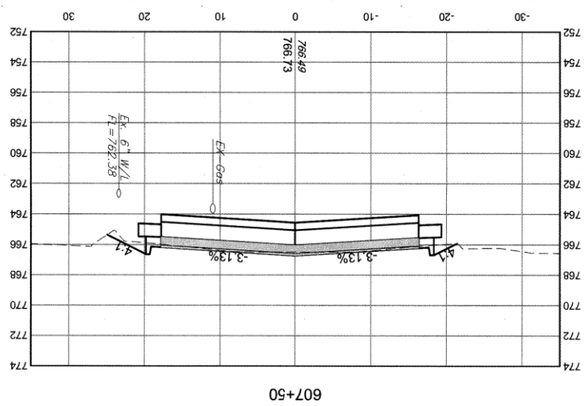
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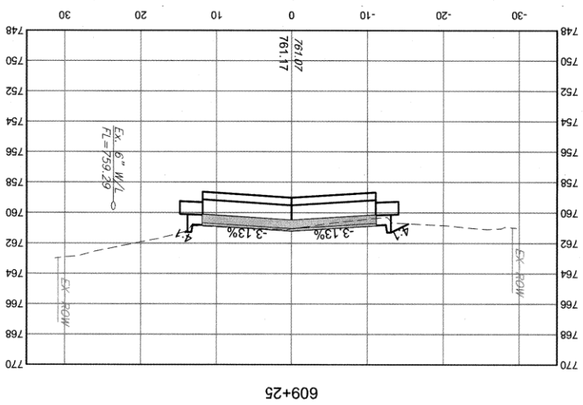
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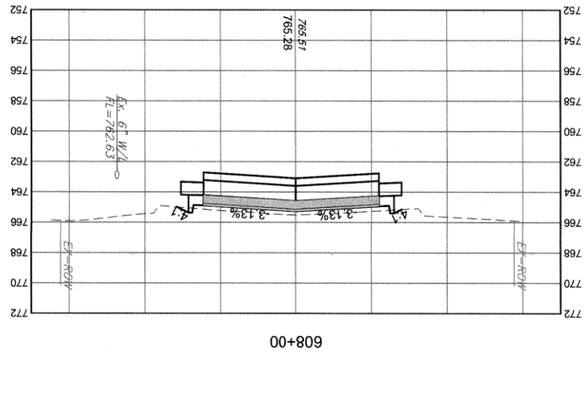
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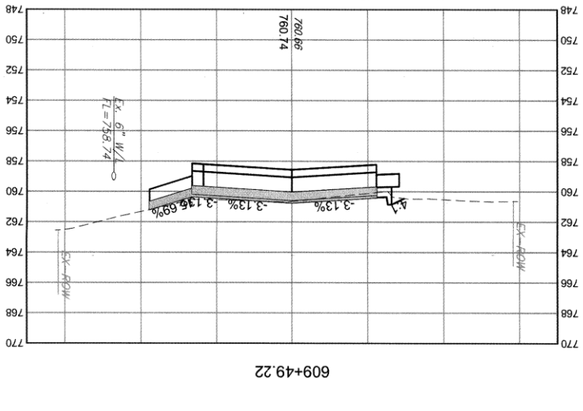
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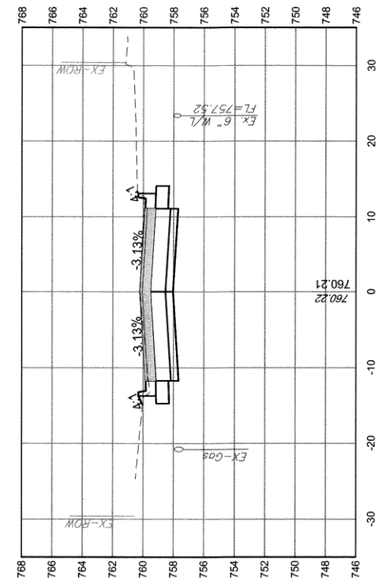


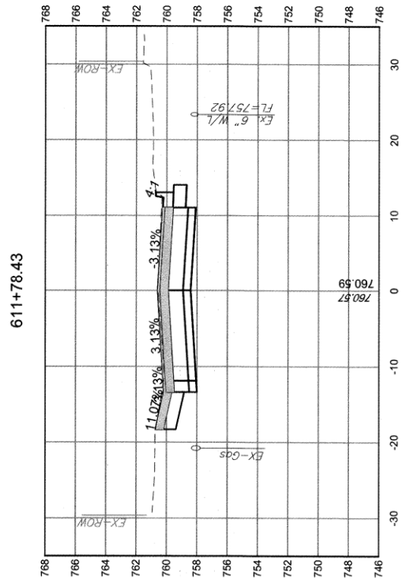
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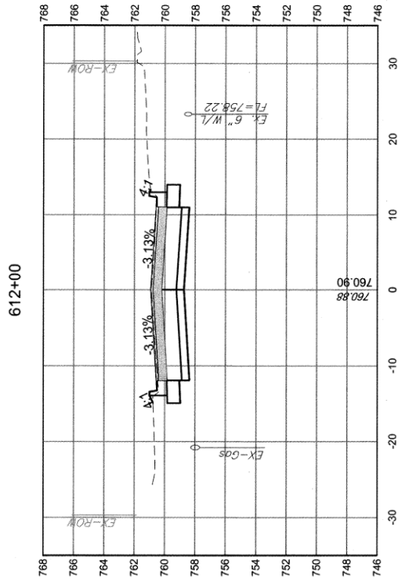


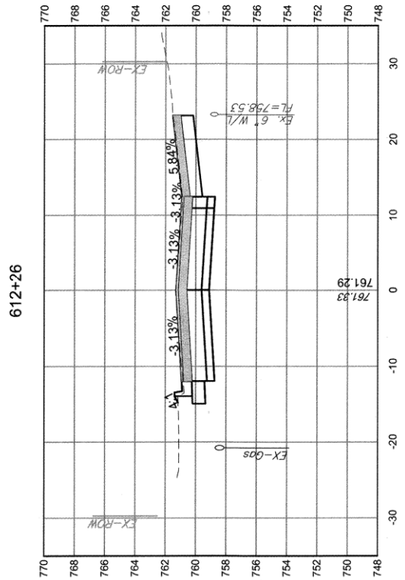
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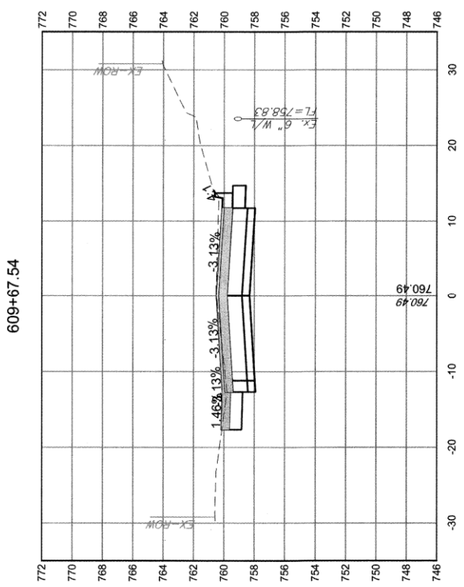
CROSS SECTIONS - 13TH ST - (3 OF 5)
MAINTENANCE ZONE 4022
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SHEET X03 OF 5 SHEETS

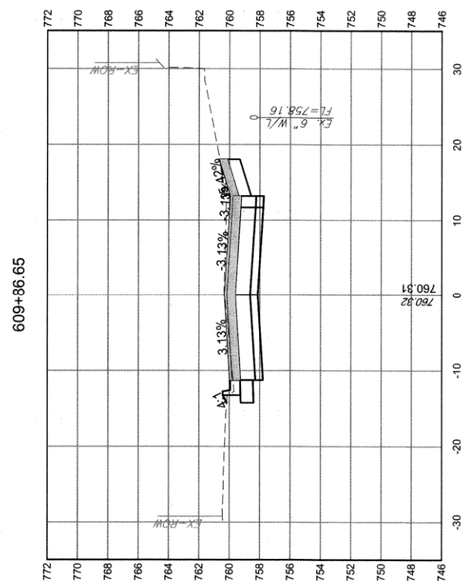


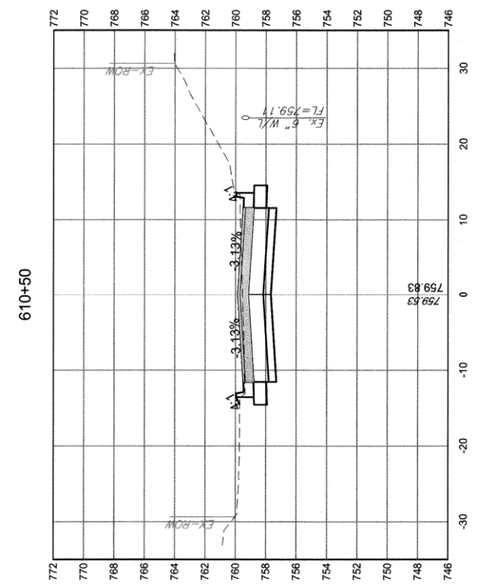


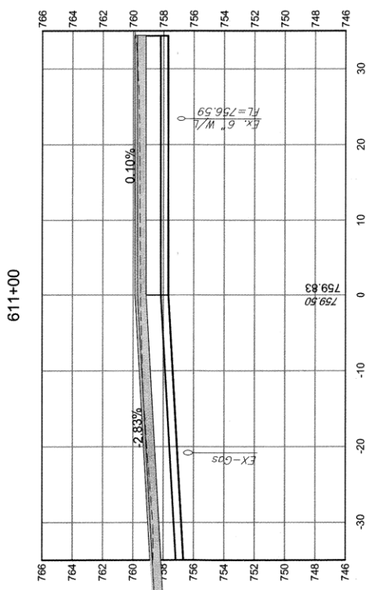










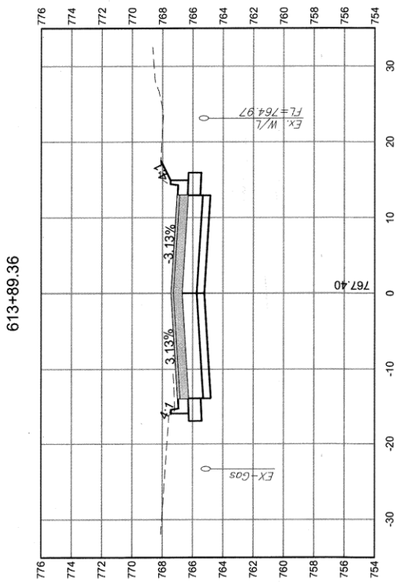


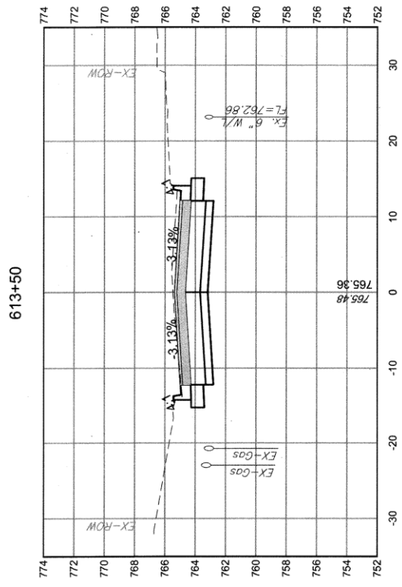
CROSS SECTIONS - 13TH ST - (4 OF 5)

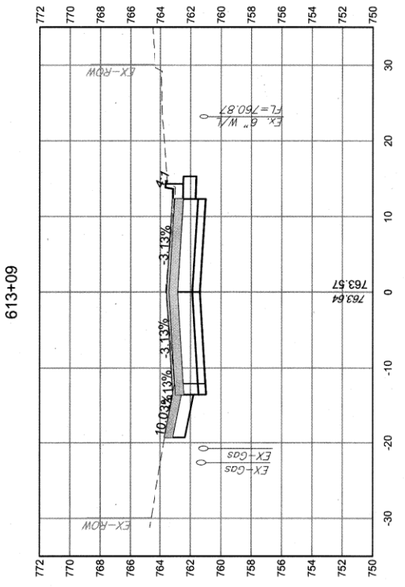
MAINTENANCE ZONE 4022

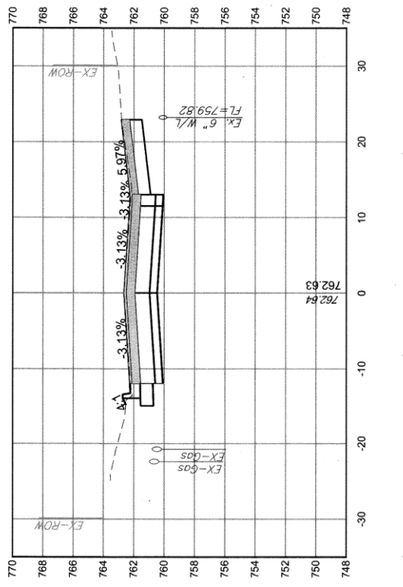
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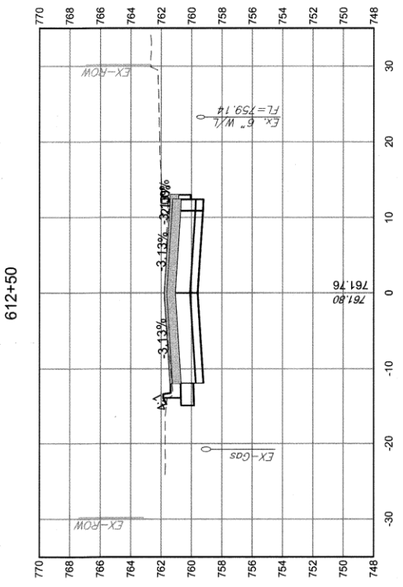
SHEET X04 OF 5 SHEETS











CROSS SECTIONS - 13TH ST - (5 OF 5)

MAINTENANCE ZONE 4022

SCALE: H: 1"=10' V: 1"=5'

SHEET X05 OF 5 SHEETS