

ADD ALT# 1

LEGEND

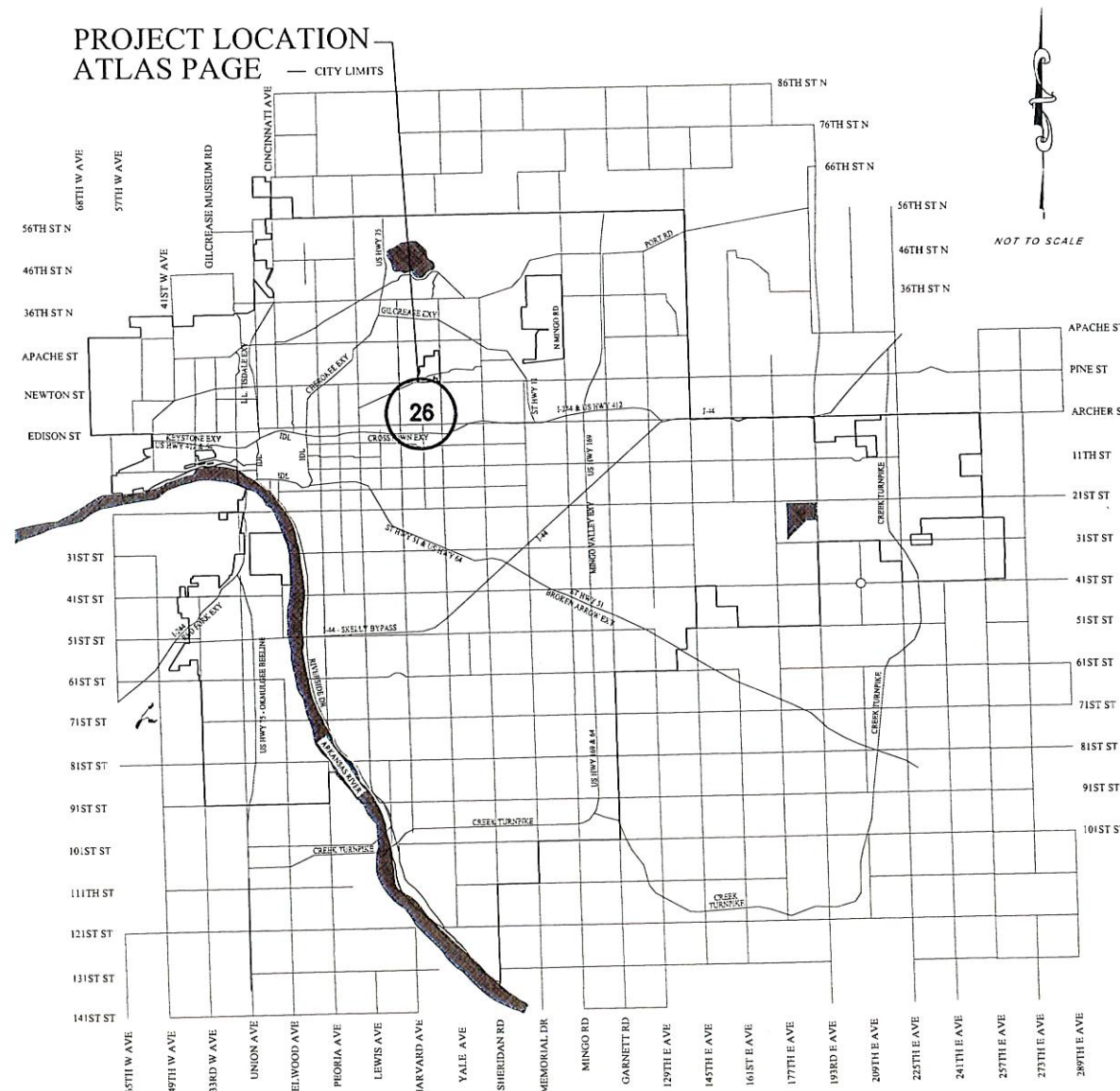
8" -	PROPOSED SEWER LINE	Ø PP	EXISTING POWER POLE
- T -	EXISTING TELEPHONE	□ ELEC MH	EXISTING ELECTRIC MANHOLE
□ TEL MH	EXISTING TELEPHONE MANHOLE	□ LP	EXISTING LIGHT POLE
□ TCB	EXISTING TELEPHONE CONTROL BOX	□ FL	EXISTING LIGHT (FLOOD, YARD ETC.)
□ CABLE PED.	EXISTING CABLE PEDESTAL	- E -	EXISTING UNDERGROUND ELECTRIC CABLE
□ GM	EXISTING GAS METER	- OE -	EXISTING OVERHEAD ELECTRIC WIRE
□ GV	EXISTING GAS VALVE	-	ASPHALT
- G -	EXISTING GAS LINE	-	CONCRETE PATTERN
- EX. 8" SS	EXISTING SEWER LINE	SIGN	STREET SIGN
○ SSMH	EXISTING SS MANHOLE	□ MB	MAILBOX
⊗	EXISTING MANHOLE REMOVAL	• 1/2" PIPE	IRON ROD/PIPE FOUND
⊗ W	EXISTING WATER VALVE	• BUSH	TREE OR BUSH
⊗ ICV	EXISTING IRRIGATION CONTROL VALVE	• 8" PECAN	
⊗ FH	EXISTING FIRE HYDRANT	• BM	BENCHMARK
□ WM	EXISTING WATER METER	△ CP	CONTROL POINT
- 8" W -	EXISTING WATER	• SSMH	PROPOSED NEW MANHOLE
⊗ SSMH	EXISTING STORM MANHOLE	• SSMH	REMOVE AND REPLACE MANHOLE
24" RCP	EXISTING STORM LINE	- - - - -	ROW LINE
CHAIN LINK FENCE	CHAIN LINK FENCE	- - - - -	PROPERTY LINE
WIRE FENCE	WIRE FENCE	BRICK PAVEMENT REMOVAL & REPLACEMENT	
FENCE OTHER	FENCE OTHER	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	
WOOD FENCE	WOOD FENCE	ASPHALT PAVEMENT REMOVAL & REPLACEMENT	
ELEC. PED. □	EXISTING ELECTRICAL PEDESTAL	GRAVEL DRIVEWAY REMOVAL & REPLACEMENT	
- FO -	EXISTING FIBER OPTIC LINE	LIMITS OF FLOOD ZONE BOUNDARY	
- - - - -	EXISTING EASEMENT LINE		
□ EM	EXISTING ELECTRIC METER		

CONSTRUCTION PLANS FOR

CITY OF TULSA SANITARY REHAB AND REPAIRS TMUA PROJECT NO. ES 2026-SOM3 WATER AND SEWER DEPARTMENT CITY OF TULSA, OKLAHOMA

BID ADVERTISE DATE _____

PROJECT LOCATION ATLAS PAGE



PREPARED BY

rjn group

CONSULTING ENGINEERS
4500 S. GARNETT ROAD, SUITE 110
TULSA, OKLAHOMA 74146
(918) 627-9737

CERTIFICATE OF
AUTHORIZATION NO. CA1979,
EXP. 6/30/2027

Engineer's Statement - Current City of Tulsa Standard Specifications and Standard Details and Asset Management Guidelines govern. All other construction and materials shall be in accordance with the 2019 Oklahoma Standard Specifications for Highway Construction.

UTILITY COORDINATION INFORMATION

TULSA ENGINEERING SERVICES DEPARTMENT	
WATER DESIGN	596-9566
WASTEWATER DESIGN	596-9564
TRANSPORTATION DESIGN	596-9636
TRAFFIC ENGINEERING DESIGN	596-9741
STORMWATER DESIGN	596-9498
COT UTILITY COORDINATION	596-9245
OKLAHOMA NATURAL GAS CO.	831-8215
COX COMMUNICATIONS	286-4716
AEP/PSO	250-6257
AT&T	596-4237
MTTA	830-0024

SURVEY DATUM:
HORIZONTAL - OKLAHOMA STATE PLANE COORDINATE (NAD 1983)
VERTICAL - (NAVD 1988)

INDEX OF DRAWINGS

01 COVER SHEET
02 SANITARY SEWER PLAN & PROFILE LINE A
03 SANITARY SEWER PLAN & PROFILE LINE A

CITY OF TULSA STANDARD DETAILS

315	THRUST BLOCKS AND TRENCH CONDITIONS
351	BEDDING DETAIL PVC FLEXIBLE SANITARY SEWER PIPE
306	TRENCH DETAIL CONSTRUCTION ADJACENT TO ROADWAY
362	RISER DETAIL
402	COVER, FRAME & FRAME SEAL
713	PAVEMENT REMOVAL & REPLACEMENT
714	STANDARD DETAIL FOR PAVEMENT CUTS
730	STANDARD ASPHALT PAVEMENT CUT & REPAIR



APPROVED BY

WATER AND SEWER DIRECTOR

DATE



9/19/2025

DATE

Jacob Brumbaugh
JACOB BRUMBAUGH, P.E.

RJN GROUP, INC.

STA. 0+00.00 ~ 8-INCH SS
CONNECT TO
EX. MH 030-0492
TYPE A REPAIR
REMOVE STEPS AND
RECONSTRUCT BENCH & INVERT
N=432149.02
E=2577273.32

**WARNING!!!
OVERHEAD
ELECTRIC USE
CAUTION!!!**

CONSTRUCT 400 LF OF 8-INCH SEWER PIPE
BY OPEN CUT

CONTRACTOR TO CUT & PLUG
EXISTING COMMON SERVICE LINE
ON THE NORTH SIDE OF THE
CLEAN OUT. EXISTING SERVICE
CONNECTS TO EXISTING 12" SS
ON EAST KING PLACE AND
SHALL NOT CONNECT TO
PROPOSED SEWER MAIN

**WARNING!!!
OVERHEAD
ELECTRIC USE
CAUTION!!!**

BENCHMARKS:

BM-601
IRON PIN SET 212- FEET WEST AND 33- FEET NORTH OF
EX. MH 030-0492

N=432176.43
E=2577060.11
EL=692.66

NOTES:

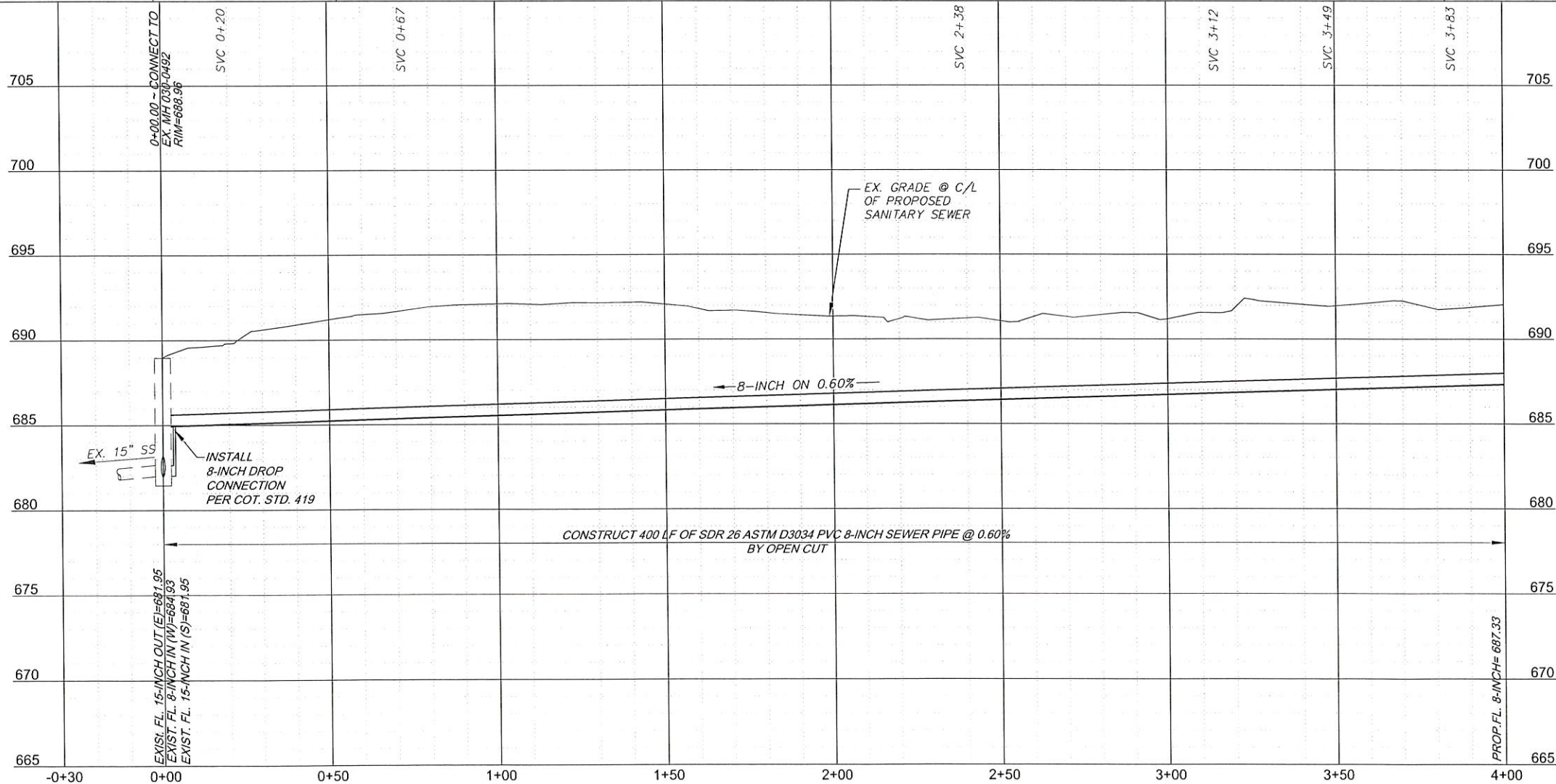
- CONTRACTOR SHALL BRACE ALL POWER POLES ALONG THE ENTIRE PROJECT. (NO SEPARATE PAYMENT)
- CONTRACTOR SHALL REROUTE EXISTING SERVICES CONNECTIONS TO PROPOSED LINE A

LEGEND

GRAVEL PAVEMENT REMOVAL
& REPLACEMENT



WARNING!!!
EXISTING UNDERGROUND TELEPHONE,
OVERHEAD, UNDERGROUND ELECTRIC AND
GAS UTILITIES IN AREA, CONTACT UTILITY
48 HOURS PRIOR TO CONSTRUCTION
1-800-522-6543



PLAN & PROFILE LINE A					
TMUA PROJECT NUMBER ES 2026-SOM3					
SANITARY REHAB AND REPAIRS					
CITY OF TULSA, OKLAHOMA WATER AND SEWER DEPARTMENT					
PLANS AND ESTIMATES PREPARED BY: RJN GROUP, INC. CONSULTING ENGINEERS 4500 S. GARNETT ROAD SUITE 110, TULSA, OKLAHOMA 74146					
REVISION	BY	DATE	PLAN SCALE	DRAWN	RLP
			1" = 30'	DESIGNED	JWB
			PROFILE SCALE	SURVEY	NP
			HORIZONTAL: 1" = 20'	PROJ. MGR.	
			VERTICAL: 1" = 4'	LEAD ENGR.	
			FILE:	FIELD MGR.	
			ATLAS PAGE NO. 26	DRAWING	
					APPROVED
					DESIGN MANAGER
					DATE: September 2025
					SHEET 2 OF 3 SHEETS

CONSTRUCT 112 LF OF 8-INCH SEWER PIPE
BY OPEN CUT

**WARNING!!!
OVERHEAD
ELECTRIC USE
CAUTION!!!**

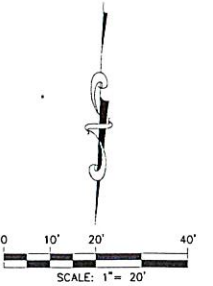
STA. 5+12.42 ~ 8-INCH SS
CONSTRUCT
STD. 4-FOOT DIA. MH-1A
N=432137.40
E=2576761.03

BENCHMARKS:

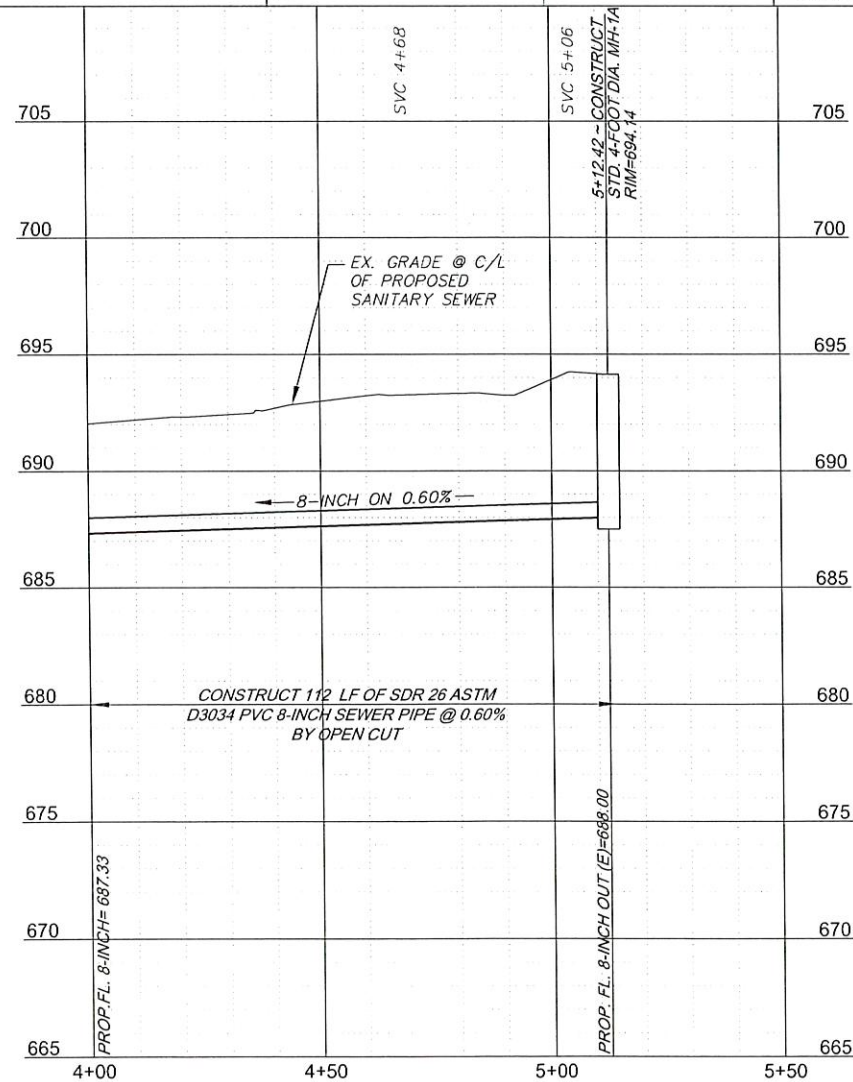
BM-601
IRON PIN SET 212- FEET WEST AND 33- FEET NORTH OF
EX. MH 030-0492 (SEE PVIOUS SHEET)
N=432176.43
E=2577060.11
EL=692.66

NOTES:

1. CONTRACTOR SHALL BRACE ALL POWER POLES ALONG THE
ENTIRE PROJECT. (NO SEPARATE PAYMENT)
2. CONTRACTOR SHALL REROUTE EXISTING SERVICES
CONNECTIONS TO PROPOSED LINE A



WARNING!!!
**EXISTING UNDERGROUND TELEPHONE,
OVERHEAD, UNDERGROUND ELECTRIC AND
GAS UTILITIES IN AREA, CONTACT UTILITY
48 HOURS PRIOR TO CONSTRUCTION**
1-800-522-6543



PLAN & PROFILE LINE A

TMUA PROJECT NUMBER ES 2026-SOM3

SANITARY REHAB AND REPAIRS

CITY OF TULSA, OKLAHOMA
WATER AND SEWER DEPARTMENT

PLANS AND ESTIMATES PREPARED BY:
RJN GROUP, INC. CONSULTING ENGINEERS
4500 S. GARNETT ROAD SUITE 110, TULSA, OKLAHOMA 74148

REVISION	BY	DATE	PLAN SCALE	DRAWN	RLP	09/2025	APPROVED
			1" = 30'	DESIGNED	JWB	09/2025	
			PROFILE SCALE	SURVEY	NP	09/2025	
			HORIZONTAL 1" = 20'	PROJ. MGR.			
			VERTICAL 1" = 4'	LEAD ENGR.			
			FILE	FIELD MGR.			
			DRAWING				
			ATLAS PAGE NO. 26				

DESIGN MANAGER
DATE: September 2025
SHEET 3 OF 3 SHEETS