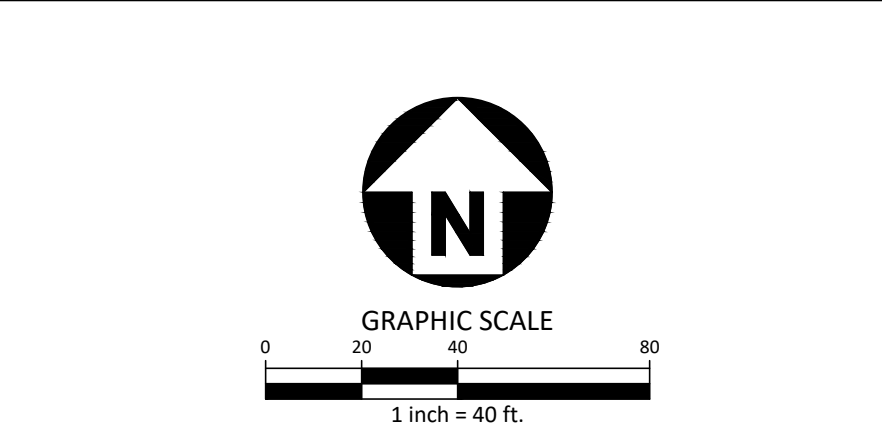
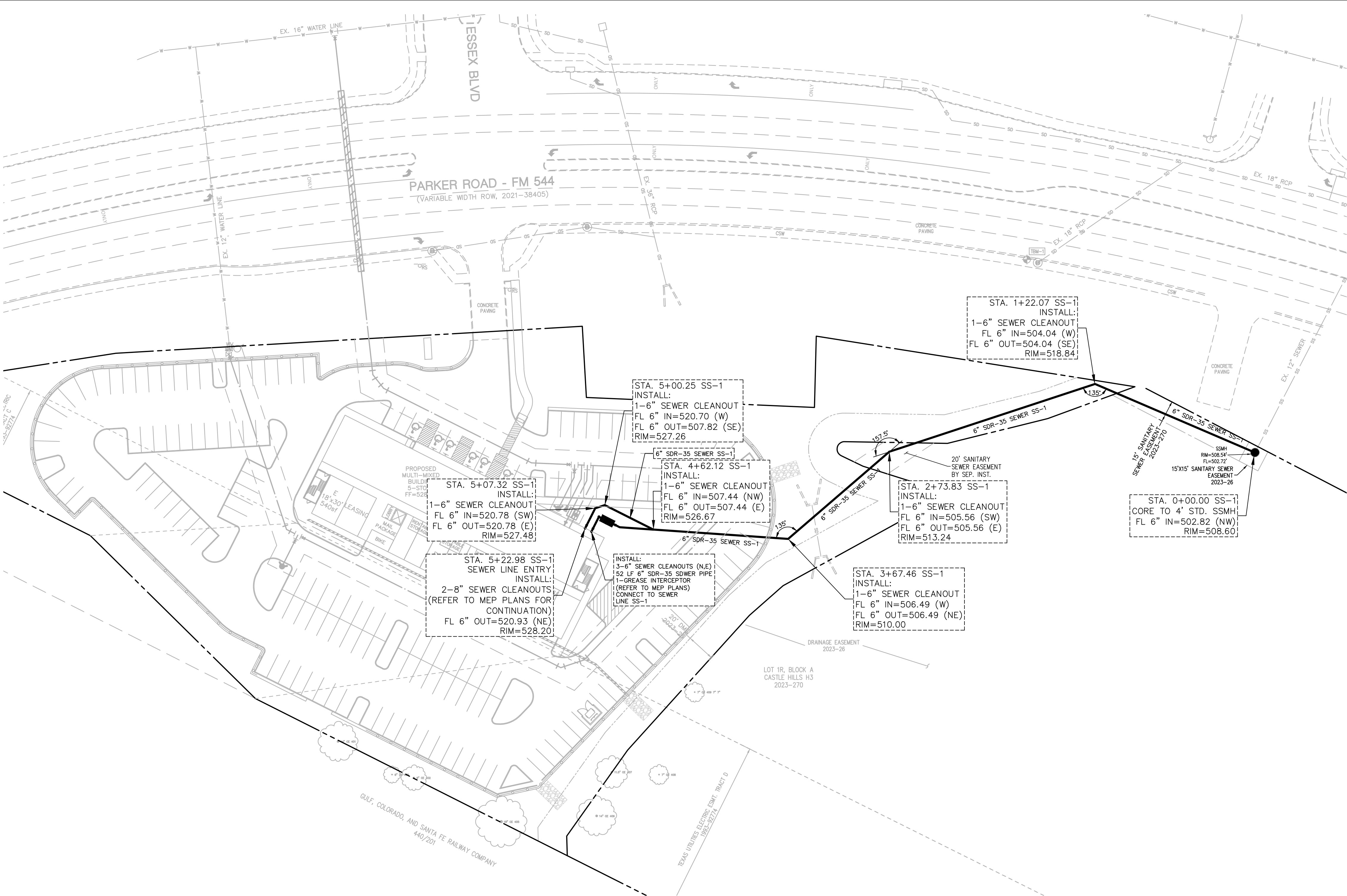


\\01\Projects\BRL\24004\04-Production\Engineering\Sheet\BRL24004-U1.dwg, 8/5/2024 4:15:11 PM, Jace Witek



BENCHMARKS:

TBM-1: BOX CUT WITH "X" ON SIDEWALK NORTHING:
7068778.70 EASTING: 2460238.69 ELEVATION: 518.07'

UTILITY LEGEND

	FIRE HYDRANT ASSEMBLY
	FIRE DEPARTMENT CONNECTION (FDC)
	WATER METER
	WATER VALVE
	POST INDICATOR VALVE
	VALVE IN MANHOLE
	METER & VAULT
	BACKFLOW PREVENTER
	REDUCER
	PLUG
	BLOW-OFF ASSEMBLY
	SANITARY SEWER MANHOLE
	SEWER CLEAN-OUT
	GREASE TRAP
	SEWER FLOW DIRECTION ARROW
	YARD LIGHTS
	POWER POLE
	LINE BREAK SYMBOL
	WATERLINE
	WATER SERVICE LINE
	UTILITY SLEEVE
	SANITARY SEWER
	SEWER SERVICE LINE
	SEWER FORCE MAIN
	GAS LINE
	OVERHEAD UTILITY
	UNDERGROUND ELECTRIC
	TELEPHONE
	EASEMENT LINE

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PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION



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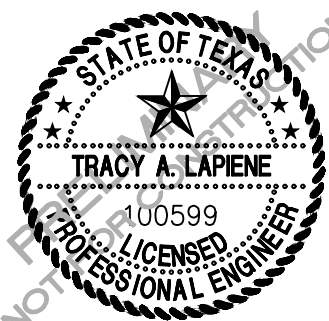
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FOOTBALL
CONSTRUCTION PLANS
SOUTH OF FM 544 & ESSEX BLVD
CITY OF LEWISVILLE, TEXAS, 75056



REVISIONS

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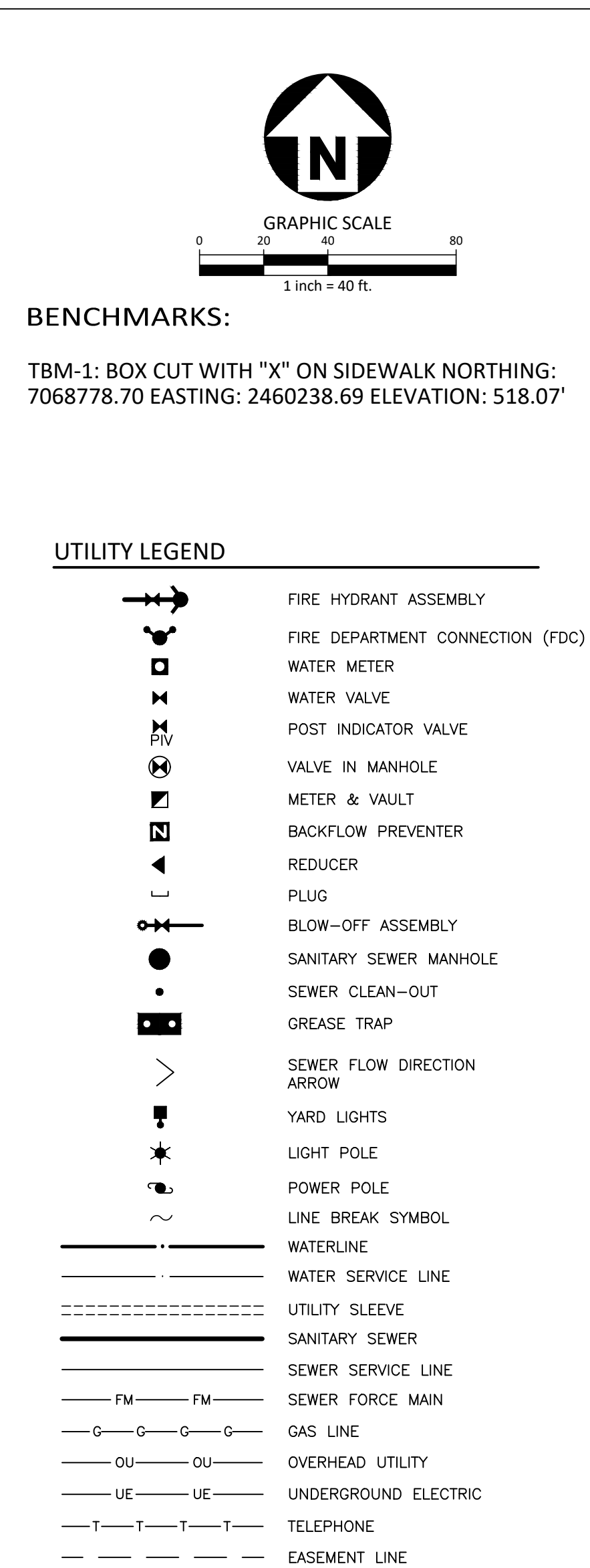
PLAN INFORMATION

PROJECT NO.	BRL24004
FILENAME	BRL24004-U1.DWG
CHECKED BY	TL
DRAWN BY	JW
SCALE	40 SCALE
DATE	08/05/2024

SHEET

SANITARY SEWER PLAN

C4.00



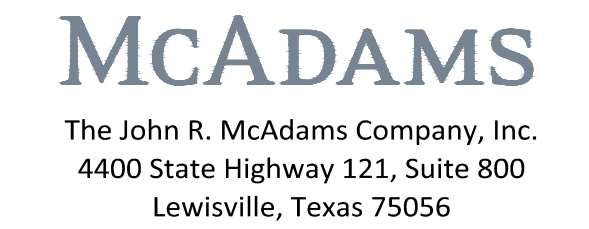
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PROJECT NO.	BRL24004
FILENAME	BRL24004-U3.DWG
CHECKED BY	TL
DRAWN BY	JW
SCALE	40 SCALE
DATE	08/05/2024

WATER PLAN

C4.04



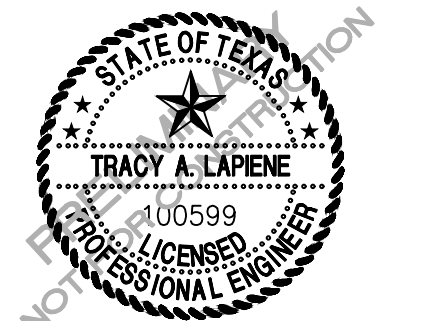
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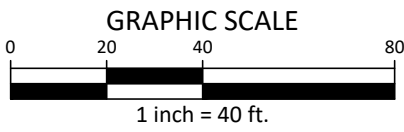
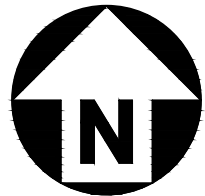
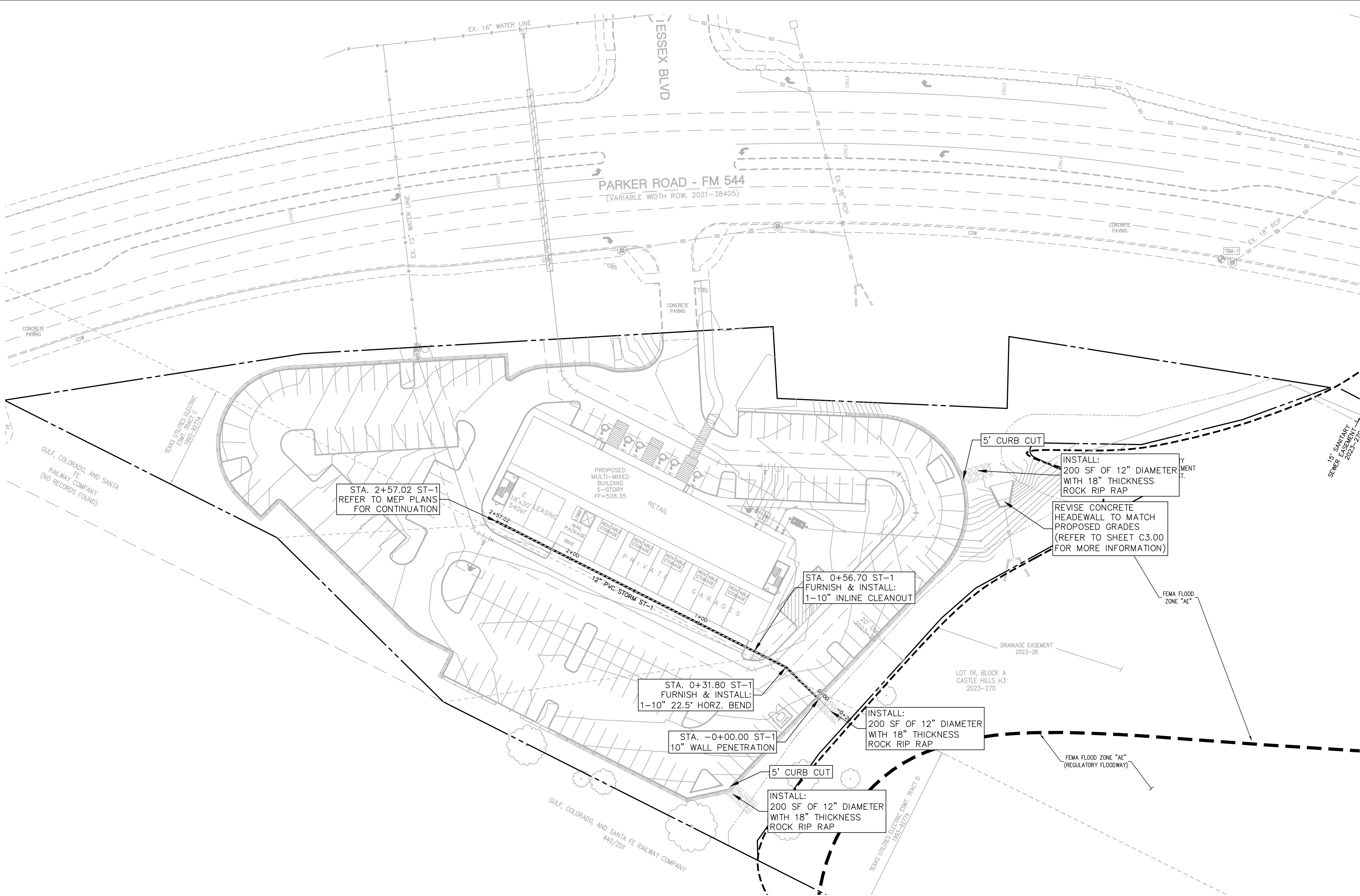
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WATER PLAN

C4.04

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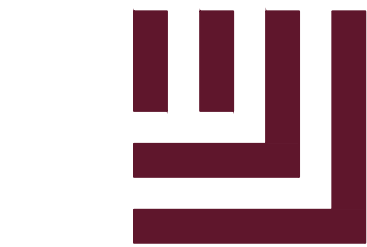


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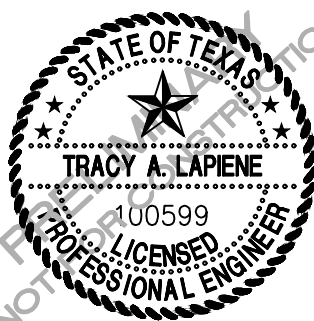
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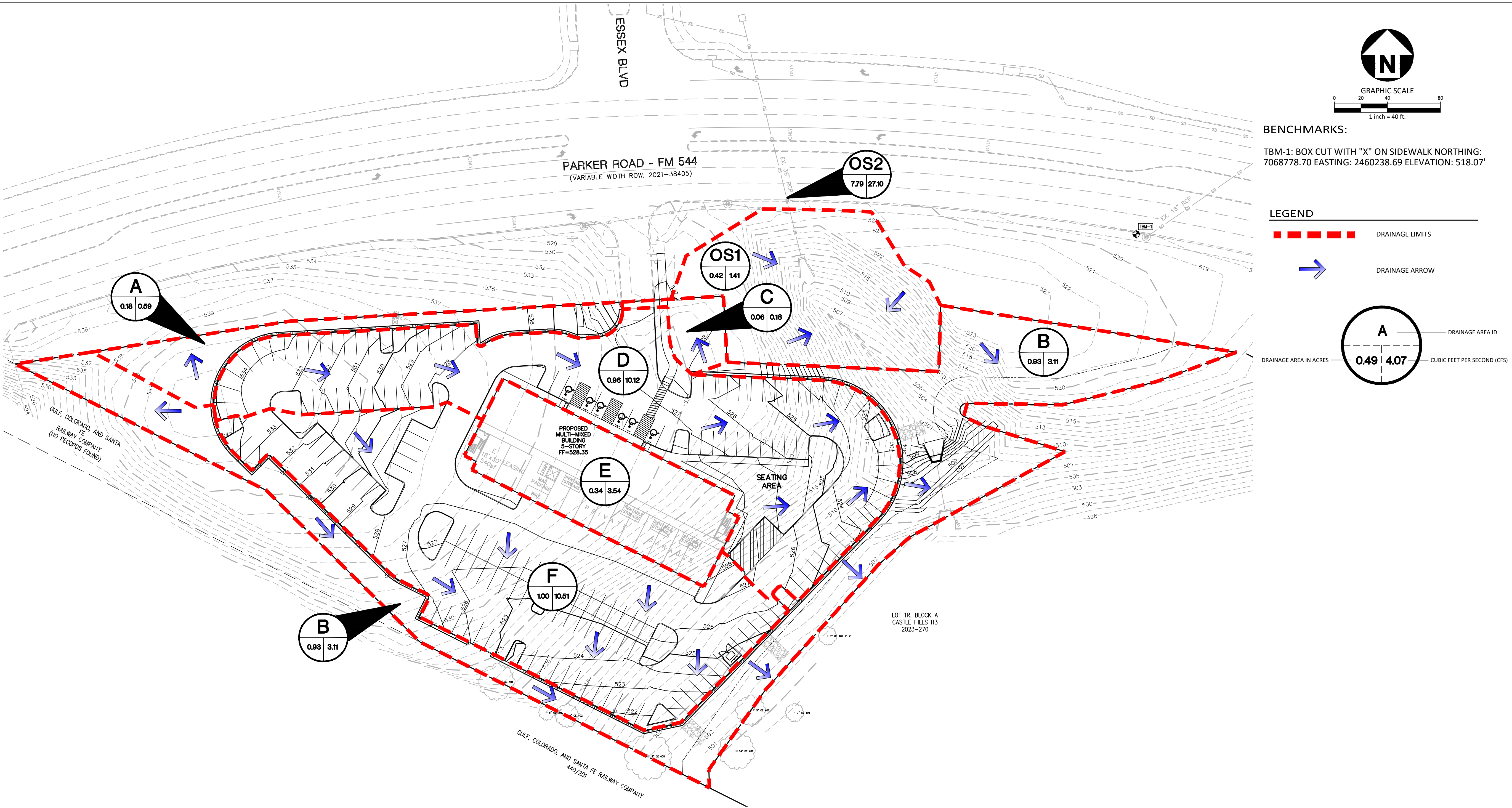
PROJECT NO.	BRL24004
FILENAME	BRL24004-U2.DWG
CHECKED BY	TL
DRAWN BY	JW
SCALE	40 SCALE
DATE	08/05/2024

SHEET

STORM SEWER PLAN


C4.02

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PROPOSED DRAINAGE CALCULATIONS							
Drainage Area	Area (Ac)	C	Cf	Tc (min)	I (in/hr)	Q100 (cfs)	Comments
A	0.18	0.30	1.25	10	8.88	0.59	SHEET FLOW TO PARKER ROAD FM 544
B	0.93	0.30	1.25	10	8.88	3.11	SHEET FLOW TO FLOODPLAIN
C	0.06	0.30	1.25	10	8.88	0.18	SHEET FLOW TO PARKER ROAD FM 544
D	0.96	0.95	1.25	10	8.88	10.12	SHEET FLOW TO FLOODPLAIN
E	0.34	0.95	1.25	10	8.88	3.54	TO PROPOSED ROOF DRAINS
F	1.00	0.95	1.25	10	8.88	10.51	SHEET FLOW TO FLOODPLAIN
OS1	0.42	0.30	1.25	10	8.88	1.41	SHEET FLOW TO CULVERT
OS2	7.79	0.30	N/A	10	11.59	27.10	TO TXDOT 36" CULVERT
TOTAL	3.46						

* FROM RECORD DRAWINGS CASTLE HILLS PHASE 10B SHEET C4.00



GRAPHIC SCALE
1 inch = 40 ft.

BENCHMARKS:

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LEGEND

--- DRAINAGE LIMITS

→ DRAINAGE ARROW

A

DRAINAGE AREA ID

0.49 | 4.07

DRAINAGE AREA IN ACRES

CUBIC FEET PER SECOND (CFS)



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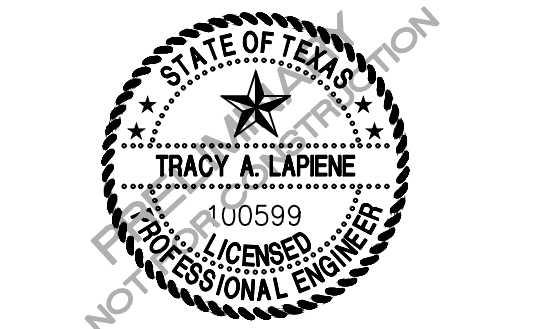
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PLAN INFORMATION	
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FILENAME	BRL24004-SW2.DWG
CHECKED BY	TL
DRAWN BY	JW
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DATE	08/05/2024

SHEET

PROPOSED DRAINAGE AREA MAP

C3.05

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION