

Date: Jun 21, 2024, 9:23am User ID: NDonate
File Path: Projects\513387\001\212 Preliminary\Civil\20251387-00.dwg

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LOT TABLE: BLOCK A				
PHASING	TYPE	LOT No.	SQFT	AC
PHASE 1	SF	1	6566	0.15
PHASE 1	SF	2	5400	0.12
PHASE 1	SF	3	5400	0.12
PHASE 1	SF	4	5400	0.12
PHASE 1	SF	5	5400	0.12
PHASE 1	OSL & DE	6	56989	1.31
PHASE 1	SF	7	5686	0.13
PHASE 1	SF	8	5453	0.13

LOT TABLE: BLOCK B				
PHASING	TYPE	LOT No.	SQFT	AC
PHASE 1	OSL	1	110785	2.54
PHASE 1	OSL	2	12017	0.28
PHASE 1	SF	3	5400	0.12
PHASE 1	SF	4	5400	0.12
PHASE 1	SF	5	5400	0.12
PHASE 1	SF	6	5400	0.12
PHASE 1	SF	7	5400	0.12
PHASE 1	SF	8	5400	0.12
PHASE 1	SF	9	5400	0.12
PHASE 1	SF	10	5400	0.12
PHASE 1	SF	11	5400	0.12
PHASE 1	SF	12	5400	0.12
PHASE 1	SF	13	5400	0.12
PHASE 1	SF	14	5400	0.12
PHASE 1	SF	15	5400	0.12
PHASE 1	SF	16	5400	0.12
PHASE 1	SF	17	5400	0.12
PHASE 1	SF	18	5400	0.12
PHASE 1	SF	19	5401	0.12
PHASE 1	SF	20	6103	0.14
PHASE 1	SF	21	6151	0.14
PHASE 1	SF	22	6578	0.15
PHASE 1	SF	23	6776	0.16
PHASE 1	SF	24	8670	0.20
PHASE 1	SF	25	15471	0.36
PHASE 1	OSL & DE	26	215251	4.94
PHASE 1	SF	27	8702	0.20
PHASE 1	SF	28	7500	0.17
PHASE 2	SF	29	7500	0.17
PHASE 2	SF	30	7500	0.17
PHASE 2	SF	31	7500	0.17
PHASE 2	SF	32	7500	0.17
PHASE 2	SF	33	7500	0.17
PHASE 2	SF	34	7502	0.17
PHASE 2	SF	35	7629	0.18
PHASE 2	SF	36	8033	0.18
PHASE 2	SF	37	8035	0.18
PHASE 2	SF	38	11760	0.27
PHASE 2	SF	39	10129	0.23
PHASE 2	SF	40	7616	0.17
PHASE 2	SF	41	7500	0.17
PHASE 2	SF	42	7479	0.17
PHASE 2	SF	43	7394	0.17
PHASE 2	SF	44	7371	0.17
PHASE 2	SF	45	7459	0.17
PHASE 2	OSL & W/ESMT	46	2111	0.05
PHASE 2	SF	47	8445	0.19
PHASE 2	SF	48	8445	0.19
PHASE 2	SF	49	8446	0.19
PHASE 2	SF	50	8472	0.19
PHASE 2	OSL & DE	51	31333	0.72
PHASE 2	SF	52	5937	0.14
PHASE 2	SF	53	5666	0.13
PHASE 2	SF	54	5625	0.13
PHASE 2	SF	55	5625	0.13
PHASE 2	SF	56	6552	0.15
PHASE 2	SF	57	5400	0.12
PHASE 2	SF	58	5400	0.12
PHASE 2	SF	59	5400	0.12
PHASE 2	SF	60	5400	0.12
PHASE 2	SF	61	5400	0.12
PHASE 2	SF	62	8477	0.19
PHASE 1	PUB PK	63	1367128	31.38
PHASE 2	OSL	64	32869	0.75
PHASE 2	SF	65	5934	0.14

LOT TABLE: BLOCK B				
PHASING	TYPE	LOT No.	SQFT	AC
PHASE 2	SF	66	6805	0.16
PHASE 2	SF	67	7495	0.17
PHASE 2	SF	68	7466	0.17
PHASE 2	SF	69	5819	0.13
PHASE 2	SF	70	5850	0.13
PHASE 2	SF	71	5850	0.13
PHASE 2	SF	72	5850	0.13
PHASE 2	SF	73	5850	0.13
PHASE 2	SF	74	5850	0.13
PHASE 2	SF	75	5850	0.13
PHASE 2	SF	76	7102	0.16
PHASE 3	SF	77	8098	0.19
PHASE 3	SF	78	7157	0.16
PHASE 3	SF	79	7157	0.16
PHASE 3	SF	80	7127	0.16
PHASE 3	SF	81	6430	0.15
PHASE 3	SF	82	5460	0.13
PHASE 3	OSL	83	3257	0.07
PHASE 3	SF	84	5747	0.13
PHASE 3	SF	85	5400	0.12
PHASE 3	SF	86	6552	0.15
PHASE 3	SF	87	7103	0.16
PHASE 3	SF	88	5850	0.13
PHASE 3	SF	89	5850	0.13
PHASE 3	SF	90	5850	0.13
PHASE 3	SF	91	5850	0.13
PHASE 3	SF	92	5850	0.13
PHASE 3	SF	93	5850	0.13
PHASE 3	OSL & DE	94	92143	2.12
PHASE 3	SF	95	6792	0.16
PHASE 3	SF	96	5910	0.14
PHASE 3	SF	97	7651	0.18
PHASE 3	SF	98	8901	0.20
PHASE 3	SF	99	6326	0.15
PHASE 3	SF	100	6894	0.16
PHASE 3	SF	101	7186	0.16
PHASE 3	SF	102	7035	0.16
PHASE 3	SF	103	6885	0.16
PHASE 3	SF	104	6734	0.15
PHASE 3	SF	105	6583	0.15
PHASE 3	SF	106	6433	0.15
PHASE 3	SF	107	6282	0.14
PHASE 3	SF	108	6132	0.14
PHASE 3	SF	109	5981	0.14
PHASE 3	SF	110	7444	0.17
PHASE 3	OSL	111	97382	2.24

LOT TABLE: BLOCK C				
PHASING	TYPE	LOT No.	SQFT	AC
PHASE 1	SF	1	5400	0.12
PHASE 1	SF	2	5400	0.12
PHASE 1	SF	3	5400	0.12
PHASE 1	SF	4	6695	0.15
PHASE 1	SF	5	5399	0.12
PHASE 1	SF	6	5399	0.12
PHASE 1	SF	7	5399	0.12
PHASE 1	SF	8	5399	0.12
PHASE 1	SF	9	5399	0.12
PHASE 1	SF	10	5399	0.12
PHASE 1	SF	11	5399	0.12
PHASE 1	SF	12	5399	0.12
PHASE 1	SF	13	5399	0.12
PHASE 1	SF	14	5494	0.13
PHASE 1	OSL	15	170192	3.91
PHASE 1	SF	16	8702	0.20
PHASE 1	SF	17	7500	0.17
PHASE 1	SF	18	7500	0.17
PHASE 1	SF	19	7500	0.17
PHASE 1	SF	20	7500	0.17
PHASE 1	SF	21	7500	0.17
PHASE 1	SF	22	7500	0.17
PHASE 1	SF	23	7500	0.17
PHASE 1	SF	24	7500	0.17
PHASE 1	SF	25	7500	0.17
PHASE 1	SF	26	7500	0.17
PHASE 1	SF	27	7500	0.17
PHASE 1	SF	28	7500	0.17

LOT TABLE: BLOCK D				
PHASING	TYPE	LOT No.	SQFT	AC
PHASE 1	OSL & DE	1	241255	5.54

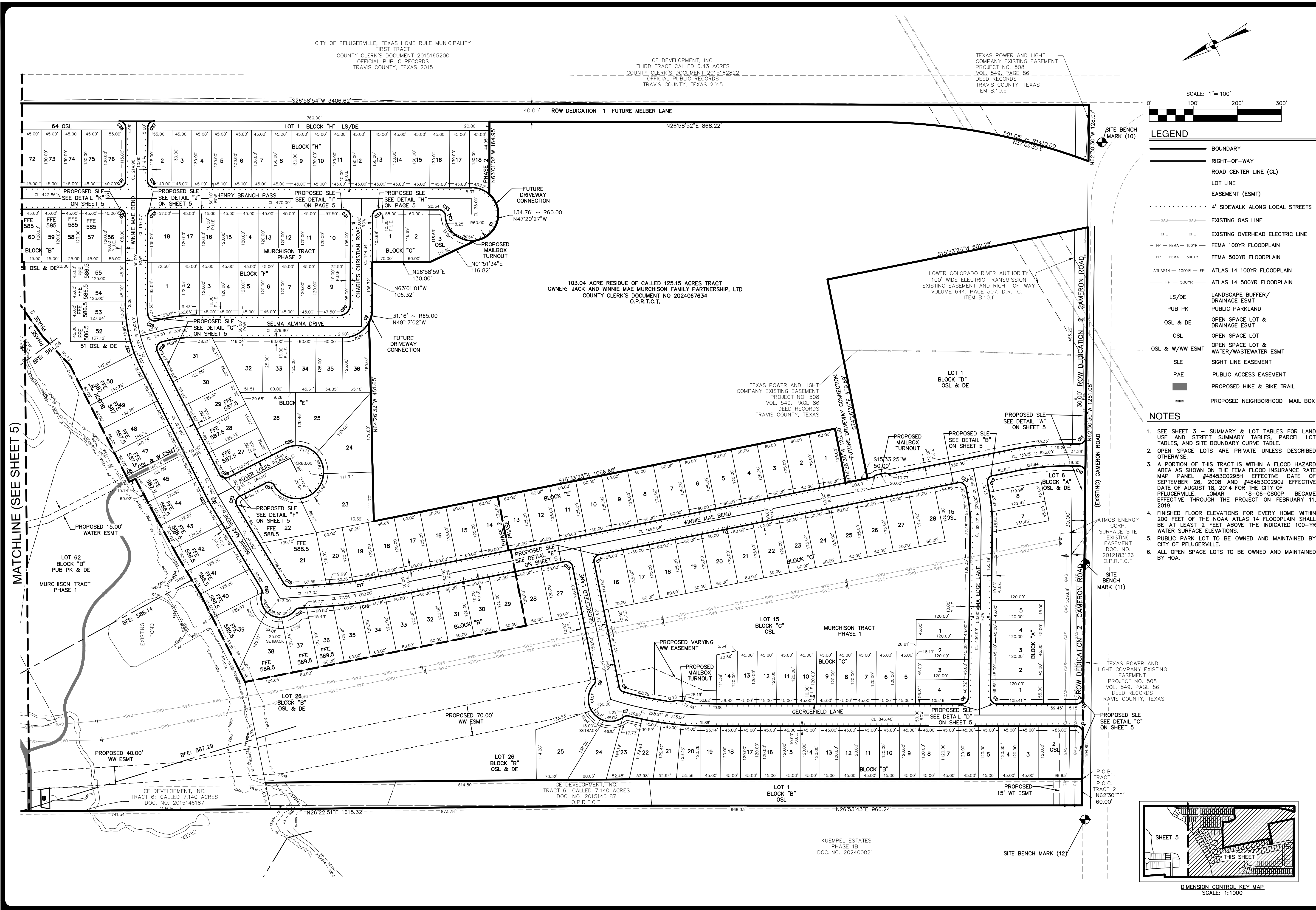
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PHASING	TYPE	LOT No.	SQFT	AC
PHASE 1	SF	1	7500	0.17
PHASE 1	SF	2	7500	0.17
PHASE 1	SF	3	7500	0.17
PHASE 1	SF	4	7500	0.17
PHASE 1	SF	5	7500	0.17
PHASE 1	SF	6	7500	0.17
PHASE 1	SF	7	7500	0.17
PHASE 1	SF	8	7500	0.17
PHASE 1	SF	9	7500	0.17
PHASE 1	SF	10	7500	0.17
PHASE 1	SF	11	7500	0.17
PHASE 1	SF	12	7500	0.17
PHASE 1	SF	13	7500	0.17
PHASE 2	SF	14	7500	0.17
PHASE 2	SF	15	7500	0.17
PHASE 2	SF	16	7500	0.17
PHASE 2	SF	17	7500	0.17
PHASE 2	SF	18	7500	0.17
PHASE 2	SF	19	7498	0.17
PHASE 2	SF	20	7353	0.17
PHASE 2	SF	21	12447	0.29
PHASE 2	SF	22	15412	0.35
PHASE 2	SF	23	17134	0.39
PHASE 2	SF	24	13835	0.32
PHASE 2	SF	25	14446	0.33
PHASE 2	SF	26	12082	0.28
PHASE 2	SF	27	8702	0.20
PHASE 2	SF	28	7500	0.17
PHASE 2	SF	29	7501	0.17
PHASE 2	SF	30	7500	0.17
PHASE 2	SF	31	9549	0.22
PHASE 2	SF	32	10478	0.24
PHASE 2	SF	33	7500	0.17
PHASE 2	SF	34	7500	0.17
PHASE 2	SF	35	7500	0.17
PHASE 2	SF	36	8489	0.19

LOT TABLE: BLOCK F				
PHASING	TYPE	LOT No.	SQFT	AC
PHASE 2	SF	1	9217	0.21
PHASE 2	SF	2	5425	0.12
PHASE 2	SF	3	5400	0.12
PHASE 2	SF	4	5400	0.12
PHASE 2	SF	5	5400	0.12
PHASE 2	SF	6	5400	0.12
PHASE 2	SF	7	5400	0.12
PHASE 2	SF	8	5400	0.12
PHASE 2	SF	9	8566	0.20
PHASE 2	SF	10	8652	0.20
PHASE 2	SF	11	5400	0.12
PHASE 2	SF	12	5400	0.12
PHASE 2	SF	13	5400	0.12
PHASE 2	SF	14	5400	0.12
PHASE 2	SF	15	5400	0.12
PHASE 2	SF	16	5400	0.12
PHASE 2	SF	17	5400	0.12
PHASE 2	SF	18	8652	0.20

LOT TABLE: BLOCK G				
PHASING	TYPE	LOT No.	SQFT	AC
PHASE 2	SF	1	8260	0.19
PHASE 2	SF	2	7121	0.16
PHASE 2	OSL	3	5591	0.13

LOT TABLE: BLOCK H				
PHASING	TYPE	LOT No.	SQFT	AC
PHASE 2	LS/DE	1	15452	0.35
PHASE 2	SF	2	7102	0.16
PHASE 2	SF	3	5850	0.13
PHASE 2	SF	4	5850	0.13
PHASE 2	SF	5	5850	0.13
PHASE 2	SF	6	5850	0.13
PHASE 2	SF	7	5850	0.13
PHASE 2	SF	8	5850	0.13
PHASE 2	SF	9	5850	0.13
PHASE 2	SF	10	5850	0.13
PHASE 2	SF	11	5850	0.13
PHASE 2	SF	12	5850	0.13
PHASE 2	SF	13	5850	0.13
PHASE 2	SF	14	5850	0.13
PHASE 2	SF	15	5850	0.13
PHASE 2	SF	16	5850	0.13
PHASE 2	SF	17	5850	0.13
PHASE 1	SF	18	6036	0.14

CURVE TABLE					
CURVE #	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C1	60.00'	128°40'54"	S47°20'27"E	108.17'	134.76'
C2	65.00'	02°72'59"	S49°17'02"E	30.86'	31.16'
C3	15.00'	089°24'27"	S17°48'30"E	21.10'	23.41'
C4	15.00'	090°35'33"	N72°11'30"E	21.32'	23.72'
C5	15.00'	090°35'33"	S72°11'30"W	21.32'	23.72'
C6	15.00'	089°24'27"	S17°48'30"E	21.10'	23.41'
C7	15.00'	050°04'31"	N15°58'43"E	12.70'	13.11'
C8	15.00'	062°32'06"	S74°17'22"W	15.57'	16.37'
C9	15.00'	052°01'12"	S48°25'58"E	13.16'	13.62'
C10	15.00'	090°00'00"	N72°29'17"E	21.21'	23.56'
C11	15.00'	090°00'00"	S17°30'43"E	21.21'	23.56'
C12	15.00'	090°00'00"	N29°26'35"W	21.21'	23.56'
C13	15.00'	090°00'00"	S60°33'25"W	21.21'	23.56'
C14	15.00'	090°00'00"	N29°26'35"W	21.21'	23.56'
C15	15.00'	090°00'00"	N60°33'25"E	21.21'	23.56'
C16	625.00'	001°43'37"	S16°25'14"W	18.84'	18.84'

[illegible]

**PAPE-DAWSON
ENGINEERS**

AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS

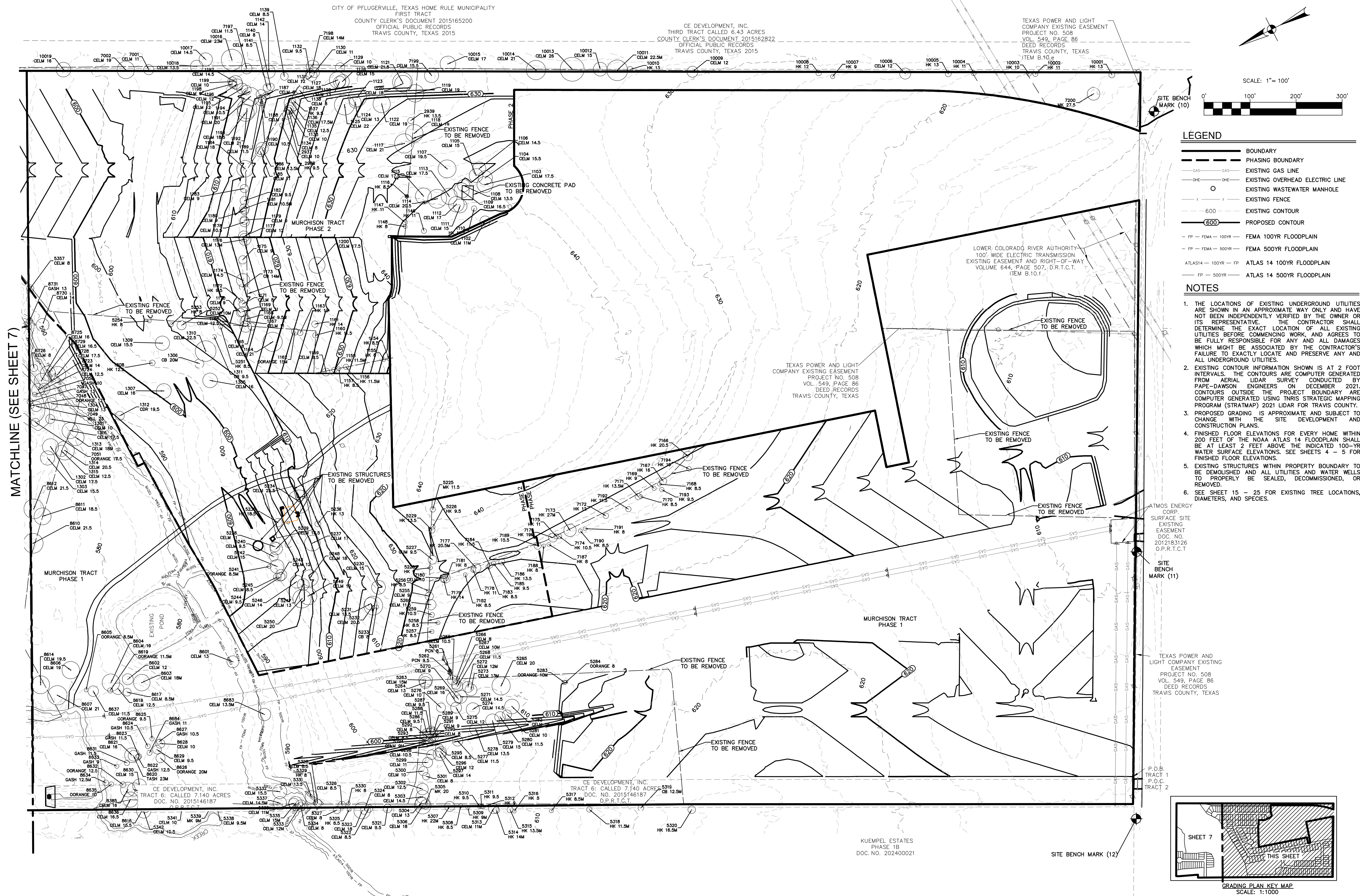
0601 M. NOPAC EXP., BLDG. 3, STE. 200 | AUSTIN, TX 78759 | 512.454.8711
 BPE FIRM REGISTRATION #470 | TBALS FIRM REGISTRATION #10028601

MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS
DIMENSION CONTROL (1 OF 2)

CITY NO. 2023-8-PP
JOB NO. 51387-00
DATE JUNE 2024
DESIGNER NJD
CHECKED AC DRAWN NJD
SHEET 4 of 27

Date: Jun 21, 2024, 9:28am User ID: NAnte
File: H:\Projects\51387\001\212 Preliminary\Civil\EC51387-00.dwg

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NO.	REVISION	DATE



PAPE-DAWSON ENGINEERS

AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
18001 N. MOPEC EXPY., SUITE 300 | AUSTIN, TX 78758 | 512.464.6711
TYPE FIRM REGISTRATION #4470 | TYPE FIRM REGISTRATION #1008801

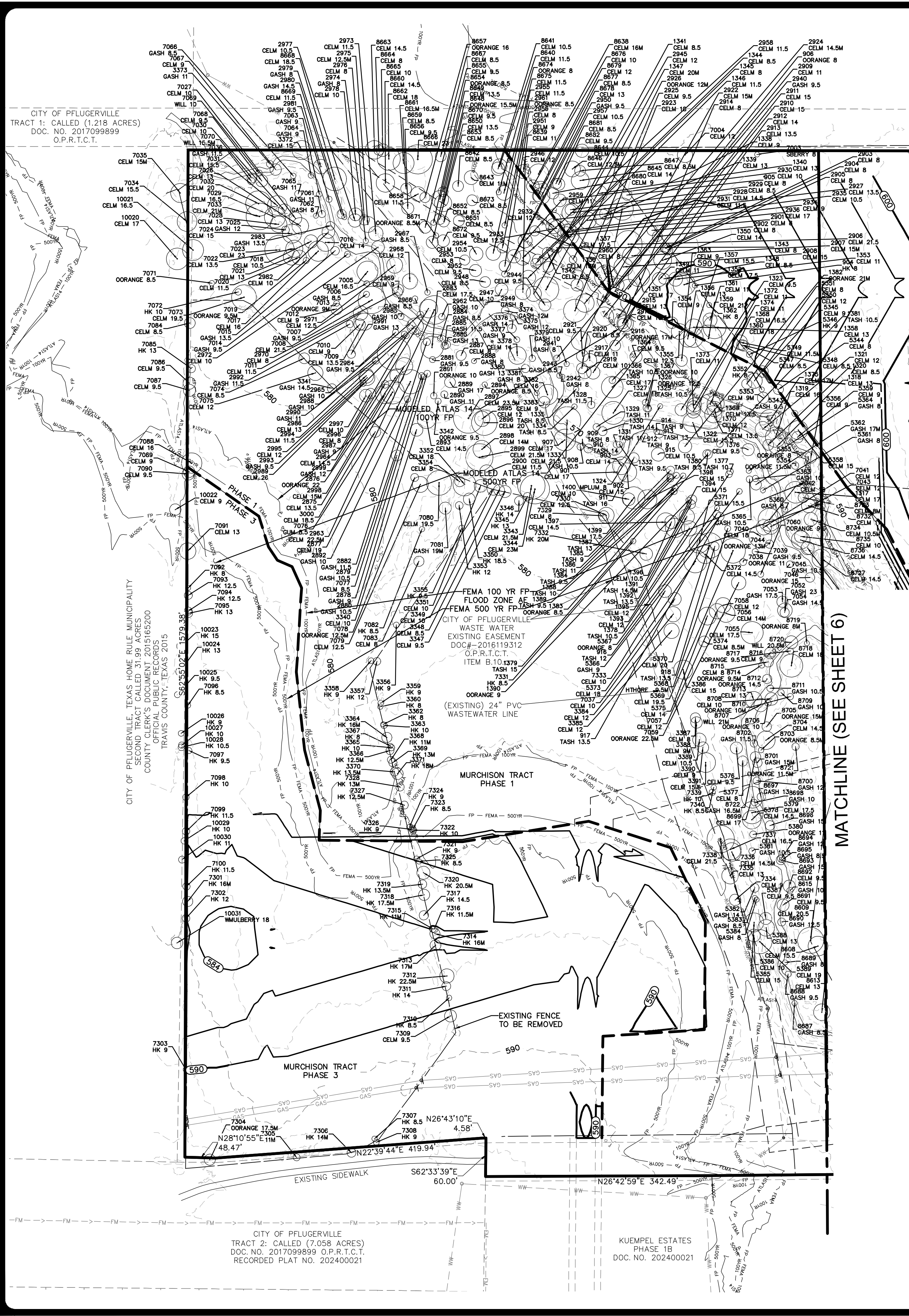
**MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS**

EXISTING CONDITIONS & PROPOSED GRADING (1 OF 2)

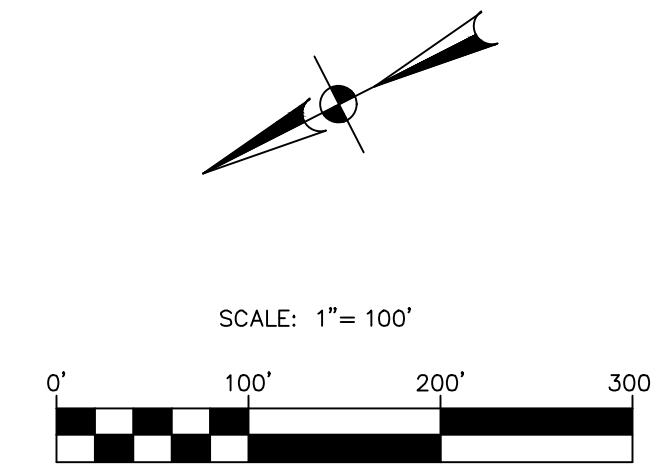
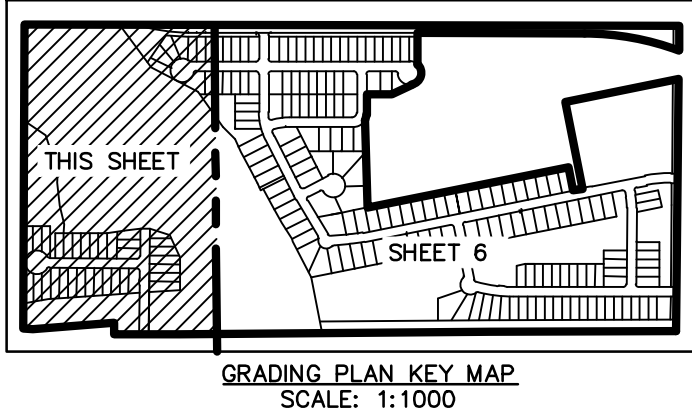
CITY NO.	2023-8-PP
JOB NO.	51387-00
DATE	JUNE 2024
DESIGNER	NJD
CHECKED	AC
DRAWN	NJD
SHEET	6 of 27

Date: Jun 21, 2024, 9:28am User ID: N Dante
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MATCHLINE (SEE SHEET 6)



LEGEND

- BOUNDARY
- PHASING BOUNDARY
- EXISTING GAS LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING WASTEWATER MANHOLE
- EXISTING FENCE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- FEMA 100YR FLOODPLAIN
- FEMA 500YR FLOODPLAIN
- ATLAS 14 100YR FLOODPLAIN
- ATLAS 14 500YR FLOODPLAIN

NOTES

- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- EXISTING CONTOUR INFORMATION SHOWN IS AT 2 FOOT INTERVALS. THE CONTOURS ARE COMPUTER GENERATED FROM AERIAL LIDAR SURVEY CONDUCTED BY PAPE-DAWSON ENGINEERS ON DECEMBER 2021. CONTOURS OUTSIDE THE PROJECT BOUNDARY ARE COMPUTER GENERATED USING TRAVIS STRATEGIC MAPPING PROGRAM (STRATMAP) 2021 LIDAR FOR TRAVIS COUNTY.
- PROPOSED GRADING IS APPROXIMATE AND SUBJECT TO CHANGE WITH THE SITE DEVELOPMENT AND CONSTRUCTION PLANS.
- FINISHED FLOOR ELEVATIONS FOR EVERY HOME WITHIN 200 FEET OF THE NOAA ATLAS 14 FLOODPLAIN SHALL BE AT LEAST 2 FEET ABOVE THE INDICATED 100-YR WATER SURFACE ELEVATIONS. SEE SHEETS 4 - 5 FOR FINISHED FLOOR ELEVATIONS.
- EXISTING STRUCTURES WITHIN PROPERTY BOUNDARY TO BE DEMOLISHED AND ALL UTILITIES AND WATER WELLS TO PROPERLY BE SEALED, DECOMMISSIONED, OR REMOVED.
- SEE SHEET 15 - 25 FOR EXISTING TREE LOCATIONS, DIAMETERS, AND SPECIES.

NO.	REVISION	DATE



PAPE-DAWSON ENGINEERS
AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
1800 N. MOPAC EXPY., SUITE 200 | AUSTIN, TX 78705 | 512.654.8711
TYPE FIRM REGISTRATION #4470 | TYPE FIRM REGISTRATION #10058601

**MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS**

CITY NO. 2023-B-PP
JOB NO. 51387-00
DATE JUNE 2024
DESIGNER NJD
CHECKED AC DRAWN NJD

SHEET 7 of 27

2023-8-PP

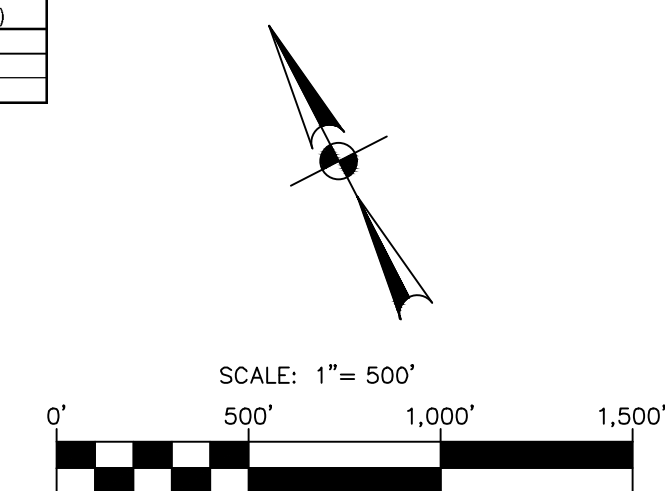


Pre-Project Conditions (Per Murchison Preliminary Drainage Study)

Drainage Area	Composite Curve Number	Total Length (ft)	Sheet Flow				Shallow Concentrated							Channel / Pipe				Total Time (min)	Lag (min)	Wilburger Study				Pre-Projekt				Difference					
			Length (ft)	Manning's n-value	Slope (ft/ft)	Time (min)	Length (ft)	Surface	Velocity Coeff.	Slope (ft/ft)	V (ft/s)	Time (min)	Flow Type	Length (ft)	V (ft/s)	Time (min)	Area (ac)			2-year (cfs)	25-year (cfs)	100-year (cfs)	Area (ac)	2-year (cfs)	25-year (cfs)	100-year (cfs)	Area (ac)	2-year (cfs)	25-year (cfs)	100-year (cfs)	2-year	25-year	100-year
WC_90	88	10,661	50	0.011	0.027	0.5	360	Paved	20.33	0.022	3.0	2.0	Channel	10,250	3.21	53.2	55.8	33.5	307.20	527	1110	1303	308	520	1095	1482	-4.22	-7	-15	-21	-1%	-1%	-1%
WC_91	84	1,050	100	0.24	0.02	12.19512	460	Unpaved	16.13	0.062173913	4.0	1.9	Channel	490	4	2.0	16.1	9.7	-	-	-	-	6.98	20	44	60	-	-	-	-	-	-	-
WC_100	90	8,403	50	0.011	0.061	0.4	2,636	Unpaved	16.13	0.007	1.3	30.6	Channel	717	3.91	24.4	57.3	34.4	358.40	645	1310	1759	332.80	597	1210	1624	-25.60	-48	-101	-135	-7%	-8%	-8%
WC_110	89	6,130	100	0.24	0.005	22.1	290	Unpaved	16.13	0.014483759	1.9	2.5	Channel	230	4	1.0	37.2	22.3	422.40	645	1361	1847	137.15	300	624	838	-285.25	-345	-737	-1009	-53%	-54%	-55%
WC_111	84	2,800	100	0.24	0.043	9.3	400	Unpaved	16.13	0.07875	4.5	1.5	Channel	2,300	4	9.6	20.4	12.2	-	-	-	69.50	177	399	546	-	-	-	-	-	-	-	
WC_112	90	7,260	50	0.15	0.010	6.6	100	Unpaved	16.13	0.01	1.6	1.0	Channel	7,000	4	29.5	37.4	22.4	-	-	-	213.18	479	977	1308	-	-	-	-	-	-	-	
WC2220_30	85	1,293	100	0.15	0.009	12.0	1,193	Unpaved	16.13	0.01	1.5	0.2	Channel	1,135	4	19.3	24.3	14.6	684.80	968	2075	2832	13.76	34	74	101	-67.04	-934	-2001	-2732	-97%	-96%	-96%
WC2220_31	84	1,810	100	0.24	0.022	12.19512	575	Unpaved	16.13	0.040347826	3.2	3.0	Channel	1,135	4	4.7	19.9	11.9	-	-	-	44.03	114	256	350	-	-	-	-	-	-	-	

Pre-Project v Post-Project Ultimate Conditions (Per Murchison Preliminary Drainage Study)

Analysis Point	Pre-Project				Post-Project				Difference			
	Area (ac)	2-year (cfs)	25-year (cfs)	100-year (cfs)	Area (ac)	2-year (cfs)	25-year (cfs)	100-year (cfs)	Area (ac)	2-year (cfs)	25-year (cfs)	100-year (cfs)
J' WC 90 WC 100	5,573.50	3580	8860	13200	5,596.53	3580	8860	13200	-6.97	0	0	0
J' WC 111	5,643.01	3570	8860	13200	5,646.27	3570	8860	13200	3.26	0	0	0
J' WC120 31	57.79	147	328	448	54.59	142	311	419	3.2	-5	-17	-29

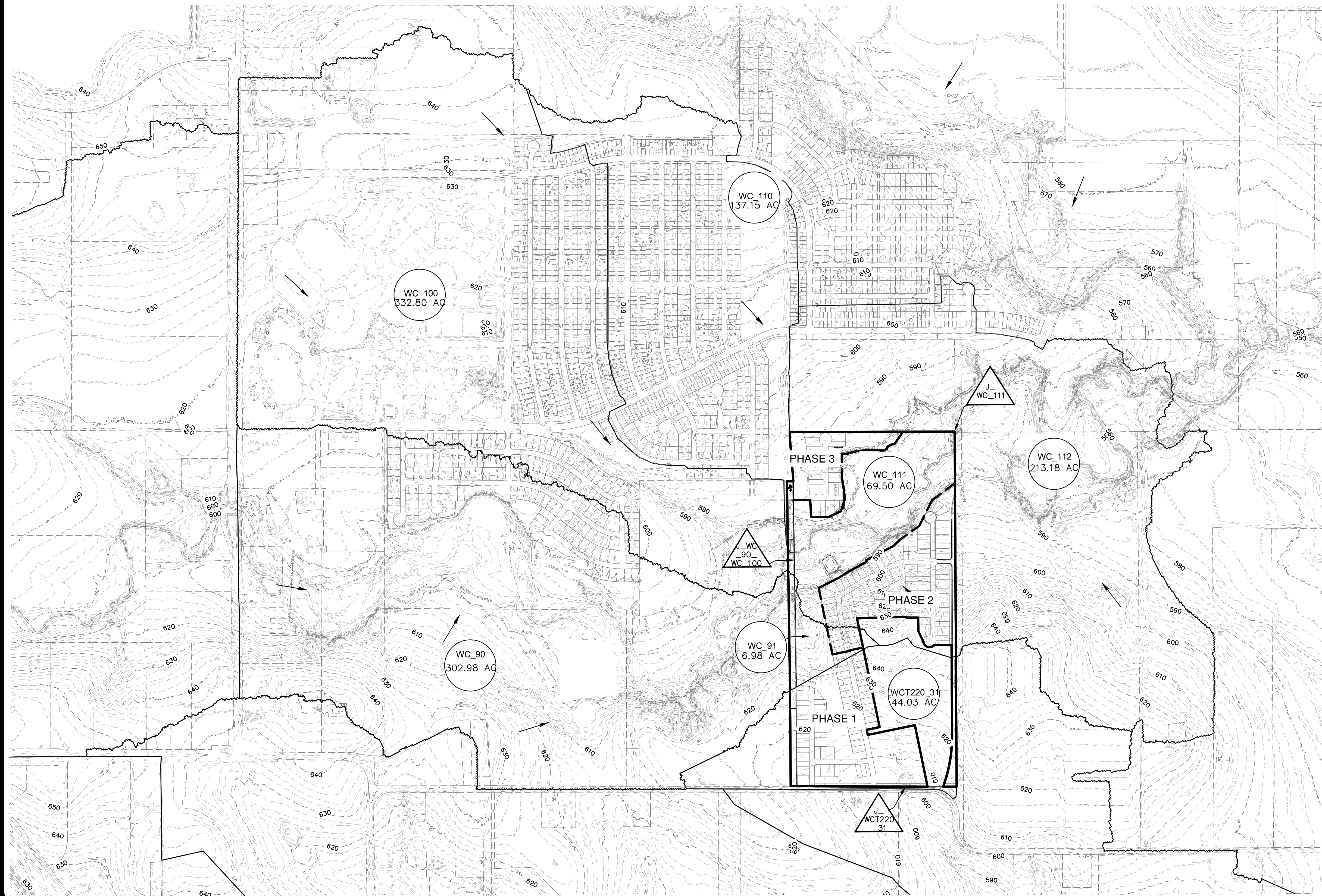


LEGEND

- | | |
|---|----------------------------|
|  | DRAINAGE AREA |
|  | DRAINAGE FLOW ARROW |
|  | DRAINAGE AREA BOUNDARY |
|  | TIME OF CONCENTRATION PATH |
|  | BOUNDARY |
|  | PHASING BOUNDARY |
|  | FEMA 100YR FLOODPLAIN |
|  | FEMA 500YR FLOODPLAIN |
|  | ATLAS 14 100YR FLOODPLAIN |
|  | ATLAS 14 500YR FLOODPLAIN |
|  | EXISTING CONTOUR |

NOTES

1. EXISTING CONTOUR INFORMATION SHOWN IS AT 2 FOOT INTERVALS. THE CONTOURS ARE COMPUTER GENERATED FROM AERIAL LIDAR SURVEY CONDUCTED BY PAPE-DAWSON ENGINEERS AND WILBUR C. CURRIER, INC. IN JANUARY OF 2007.
2. CONTOURS OUTSIDE THE PROJECT BOUNDARY ARE COMPUTER GENERATED USING TRINIS STRATEGIC MAPPING SOFTWARE. ELEVATIONS ARE BASED ON NAVD83 DATUM.
3. A PORTION OF THIS TRACT IS WITHIN A FLOOD HAZARD AREA AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP PANEL #4845C029M58 EFFECTIVE DATE OF SEPTEMBER 28, 2016. THE FLOOD ZONE EFFECTIVE DATE OF AUGUST 18, 2014 FOR THE CITY OF PLUGGERVILLE. LOWMAR 18-06-0800 BECAME EFFECTIVE THROUGH THE PROJECT ON FEBRUARY 11, 2019.
4. REFER TO MURCHISON DRAINAGE STUDY DATED JUNE 2023 BY PAPE-DAWSON ENGINEERS AND WILBUR C. CURRIER, INC. FOR ADDITIONAL INFORMATION. SEE ALSO HALF ASSOCIATES, INC. FOR ADDITIONAL INFORMATION.



Date: Jun 21, 2024, 9:33am User ID: NDante
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2023-8-PP

[illegible]

**PAPE-DAWSON
ENGINEERS**

AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
0801 N MOPAC EXP, BLDG 3, STE 200 | AUSTIN, TX 78759 | 512.454.8711
*BPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028801

**MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS
EXISTING DRAINAGE**

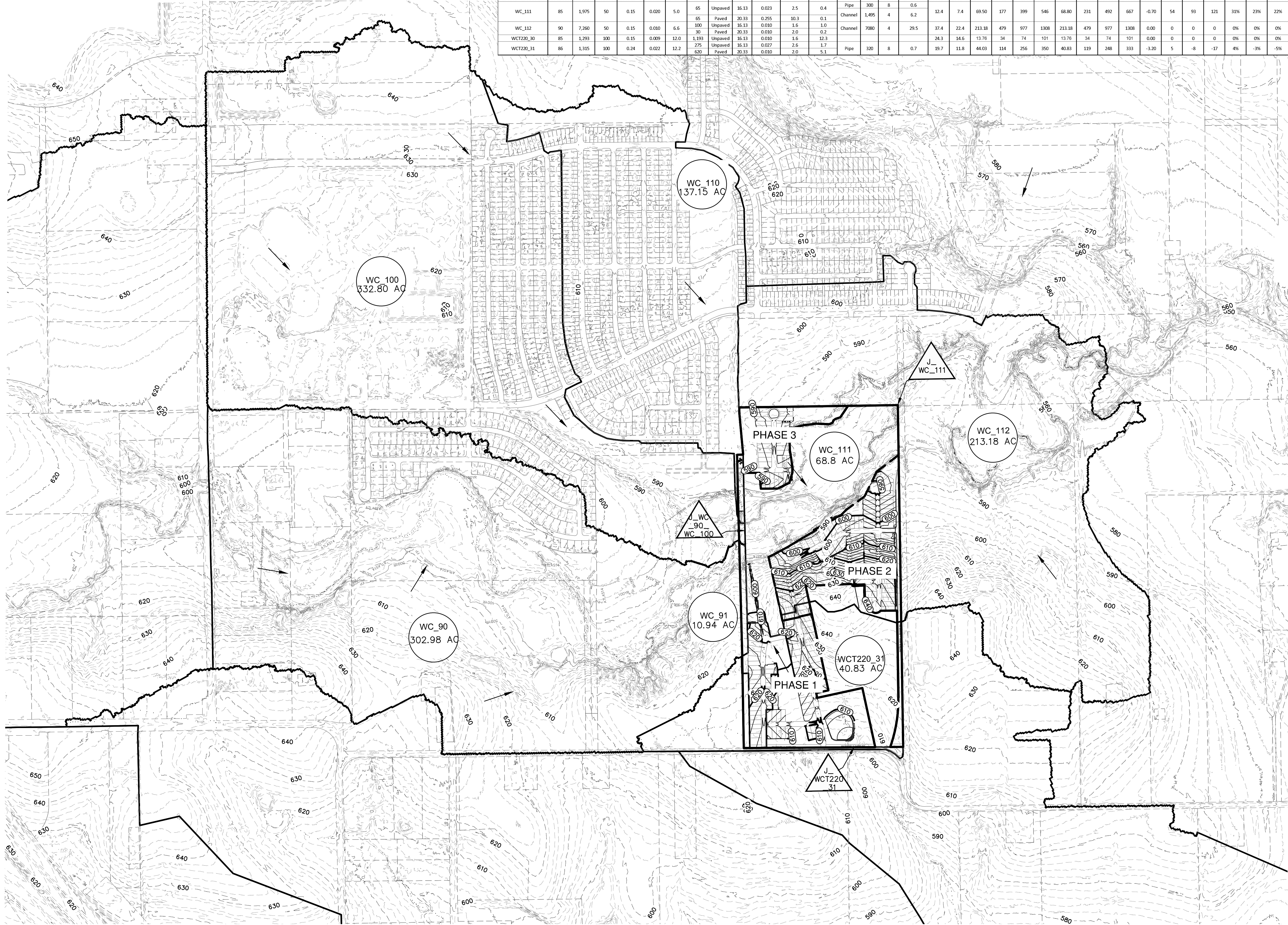
CITY NO. 2023-8-PP
JOB NO. 51387-00
DATE JUNE 2024
DESIGNER NJD
CHECKED AC DRAWN NJD
SHEET 10 of 27

Pre-Project v Post-Project Ultimate Conditions (Per Murchison Preliminary Drainage Study)

Analysis Point	Pre-Project				Post-Project				Difference			
	Area (ac)	2-year (cfs)	25-year (cfs)	100-year (cfs)	Area (ac)	2-year (cfs)	25-year (cfs)	100-year (cfs)	Area (ac)	2-year (cfs)	25-year (cfs)	100-year (cfs)
J_WC_90_WC_100	5,573.50	3580	8860	13200	5,566.53	3580	8860	13200	-6.97	0	0	0
J_WC_111	5,643.01	3570	8860	13200	5,646.27	3570	8860	13200	3.26	0	0	0
J_WCT220_31	57.79	147	328	448	54.59	142	311	419	-3.2	-5	-17	-29

Post-Project Conditions (Per Murchison Preliminary Drainage Study)

Drainage Area	Composite Curve Number	Total Length (ft)	Sheet Flow				Shallow Concentrated				Channel / Pipe				Total Time (min)	Lag Time (min)	Area (ac)	Pre-Project				Post-Project				Difference							
			Length (ft)	Manning's n-value	Slope (ft/ft)	Time (min)	Length (ft)	Surface Velocity (ft/s)	Slope (ft/ft)	V (ft/s)	Time (min)	Flow Type	Length (ft)	V (ft/s)				Time (min)	Area (ac)	2-year (cfs)	25-year (cfs)	100-year (cfs)	Area (ac)	2-year (cfs)	25-year (cfs)	100-year (cfs)	2-year (cfs)	25-year (cfs)	100-year (cfs)				
			(ft)										(ft)	(ft/s)					(ft)	(ft/s)	(ft/s)	(ft/s)	(ft)	(ft/s)	(ft/s)	(ft/s)	(ft/s)	(ft/s)	(ft/s)				
WC_90	88	10,661	50	0.011	0.027	0.5	360	Paved	20.33	0.022	3.0	2.0	Channel	10,250	3.21	53.2	55.8	33.5	302.98	520	1095	1482	302.98	520	1095	1482	0.00	0	0	0%	0%	0%	
WC_91	86	1,885	50	0.15	0.015	5.6	25	Unpaved	16.13	0.015	2.5	0.2	Channel	720	5	2.4	10.9	6.5	6.98	20	44	60	10.94	41	84	113	3.96	21	40	53	107%	91%	88%
WC_100	90	8,403	50	0.011	0.061	0.4	2,636	Unpaved	16.13	0.007	1.3	32.6	Channel	5,717	3.91	24.4	57.3	34.4	332.80	567	1210	1624	332.80	567	1210	1624	0.00	0	0	0%	0%	0%	
WC_110	89	6,130	100	0.24	0.005	22.1	290	Unpaved	16.1	0.014	1.9	2.5	Pipe Channel	290 4	1.0	37.2	22.3	137.15	300	624	838	137.15	300	624	838	0.00	0	0	0%	0%	0%		
													Pipe	5,390 4	11.2	37.2																	
WC_111	85	1,975	50	0.15	0.020	5.0	65	Unpaved	16.13	0.023	2.5	0.4	Pipe	300 8	0.6	12.4	7.4	69.50	177	399	546	68.80	231	492	667	-0.70	54	93	121	31%	23%	22%	
							65	Paved	20.33	0.255	10.3	0.1	Channel	1,495 4	6.2	12.4																	
WC_112	90	7,260	50	0.15	0.010	6.6	100	Unpaved	16.13	0.010	1.6	1.0	Channel	7080 4	29.5	37.4	22.4	213.18	479	977	1308	213.18	479	977	1308	0.00	0	0	0%	0%	0%		
WCT220_30	85	1,293	100	0.15	0.009	12.0	1,193	Unpaved	16.13	0.010	1.6	12.3	Pipe	300 8	0.7	24.3	14.6	13.76	34	74	101	13.76	34	74	101	0.00	0	0	0%	0%	0%		
WCT220_31	86	1,315	100	0.24	0.022	12.2	620	Paved	20.33	0.020	2.0	5.3	Pipe	300 8	0.7	19.7	11.8	44.03	114	256	350	40.83	119	248	333	-3.20	5	-8	-17	4%	-3%	-5%	



LEGEND

- Drainage Area
- Drainage Flow Arrow
- Drainage Area Boundary
- Time of Concentration Path
- Boundary
- Phasing Boundary
- Right-of-Way
- Lot Line
- FEMA 100YR FLOODPLAIN
- FEMA 500YR FLOODPLAIN
- ATLAS 14 100YR FLOODPLAIN
- ATLAS 14 500YR FLOODPLAIN
- Existing Contour
- Proposed Contour

NOTES

- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- EXISTING CONTOUR INFORMATION SHOWN IS AT 2 FOOT INTERVALS. THE CONTOURS ARE COMPUTER GENERATED FROM AERIAL LIDAR SURVEY CONDUCTED BY PAPE-DAWSON ENGINEERS ON DECEMBER 2021. CONTOURS OUTSIDE THE PROJECT BOUNDARY ARE COMPUTER GENERATED USING TNIRIS STRATEGIC MAPPING PROGRAM (STRATMAP) 2021 LIDAR FOR TRAVIS COUNTY.
- PROPOSED GRADING AND UTILITY IMPROVEMENTS ARE APPROXIMATE AND SUBJECT TO CHANGE WITH THE SITE DEVELOPMENT, CONSTRUCTION PLANS, AND FINAL DESIGN.
- DRAINAGE CALCULATIONS UTILIZE THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) ATLAS 14 RAINFALL DATA PER THE CITY OF PFLUGERVILLE ENGINEERING DESIGN MANUAL.
- A PORTION OF THIS TRACT IS WITHIN A FLOOD HAZARD AREA AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP PANEL #48453C0225H EFFECTIVE DATE OF SEPTEMBER 26, 2008 AND #48453C0290J EFFECTIVE DATE OF AUGUST 18, 2014 FOR THE CITY OF PFLUGERVILLE. LOMAR 18-06-0800P BECAME EFFECTIVE THROUGH THE PROJECT ON FEBRUARY 11, 2019.
- REFER TO MURCHISON DRAINAGE STUDY DATED JUNE 2023 BY PAPE-DAWSON ENGINEERS FOR ADDITIONAL INFORMATION.

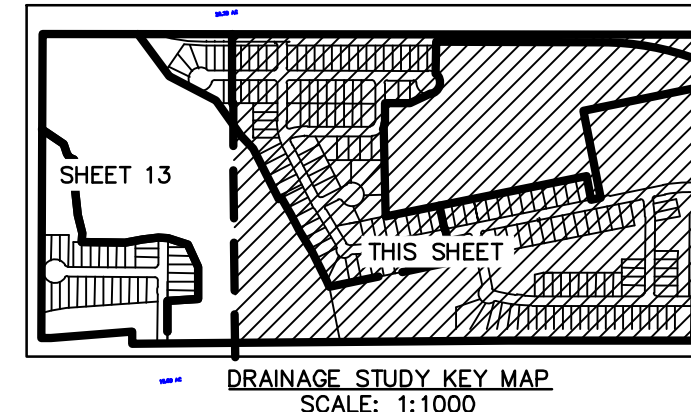


PAPE-DAWSON ENGINEERS
AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
18001 N. MOORE BOULEVARD, SUITE 200 | AUSTIN, TX 78758 | 512.664.8711
TYPE FIRM REGISTRATION #4470 | TYPE FIRM REGISTRATION #10058601

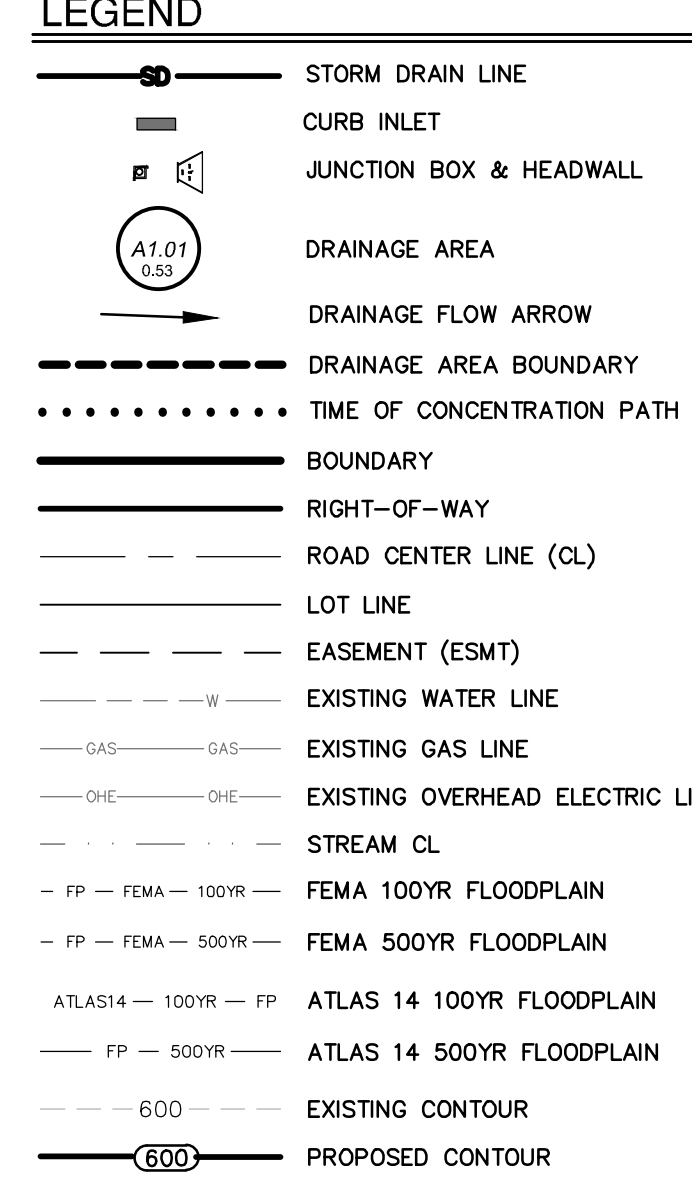
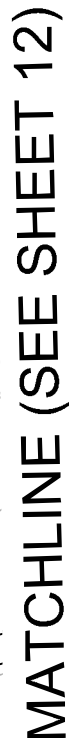
**MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS
PROPOSED OVERALL DRAINAGE**

CITY NO. 2023-B-PP
JOB NO. 51387-00
DATE JUNE 2024
DESIGNER NJD
CHECKED AC DRAWN NJD

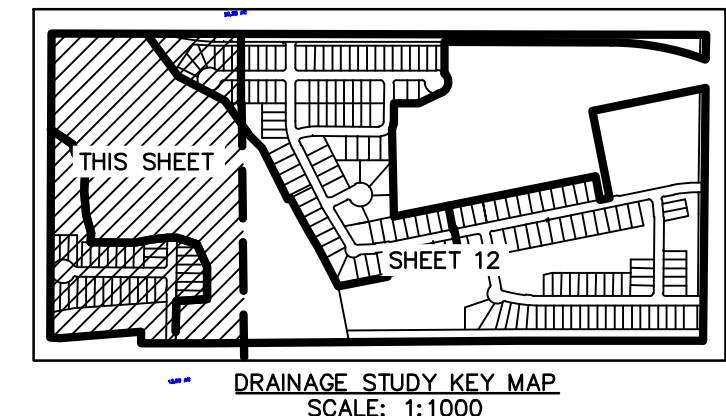
SHEET 11 of 27



CITY NO. 2023-8-PP
JOB NO. 51387-00
DATE JUNE 2024
DESIGNER NJD
CHECKED AC DRAWN NJD
SHEET 12 of 27



- # NOTES
1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES WHICH MAY BE ASSOCIATED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
 2. EXISTING CONTOUR INFORMATION SHOWN IS AT 2 FOOT VERTICAL INTERVAL. THE CONTOURS ARE CONTOUR GENERATED FROM AERIAL LIDAR SURVEY CONDUCTED BY PAPE-DAWSON CONSULTING IN NOVEMBER 2021. ANY POINTS OUTSIDE THE PROJECT BOUNDARY ARE CONTOUR GENERATED USING INRIS STRATEGIC MAPPING PROGRAM (STRATMAP) 2021 LIDAR DATA FOR THE COUNTY OF PLEUFRUVILLE.
 3. PROPOSED GRADING AND UTILITY IMPROVEMENTS ARE APPROXIMATE AND SUBJECT TO CHANGE WITH THE SITE DEVELOPMENT, CONSTRUCTION PHASE, AND FINAL DESIGN.
 4. DRAINAGE CALCULATIONS UTILIZE THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) ATLAS 14 RAINFALL DATA PER THE CITY OF PLEUFRUVILLE ENGINEERING DESIGN MANUAL.
 5. A PORTION OF THIS PROJECT IS WITHIN A FLOOD HAZARD ZONE AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP PANEL A#48453020295. EFFECTIVE DATE OF MAP, 26, 2008 AND 18-06-0800P BECAME EFFECTIVE THROUGH THE PROJECT ON FEBRUARY 11, 2019.
 6. BASE FLOOD ELEVATIONS SHOWN HEREIN WERE OBTAINED FROM 18-06-0800P THAT WAS COMPLETED AND BECAME EFFECTIVE THROUGH THE PROJECT AREA ON FEBRUARY 11, 2019.
 7. FINISHED FLOOR ELEVATIONS FOR EVERY HOME WITHIN 200 FEET OF THE NOAA ATLAS 14 FLOODPLAIN SHALL BE AT LEAST 2 FEET ABOVE THE FINISHED GRADE ELEVATION. FINISHED FLOOR ELEVATIONS, SEE SHEETS 4 - 5 FOR FINISHED FLOOR ELEVATIONS.

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NOTES

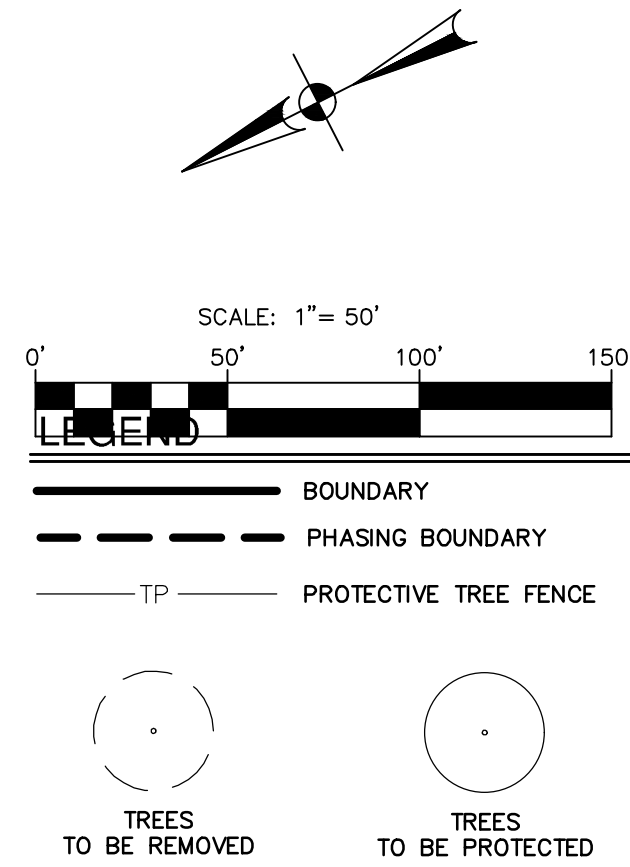
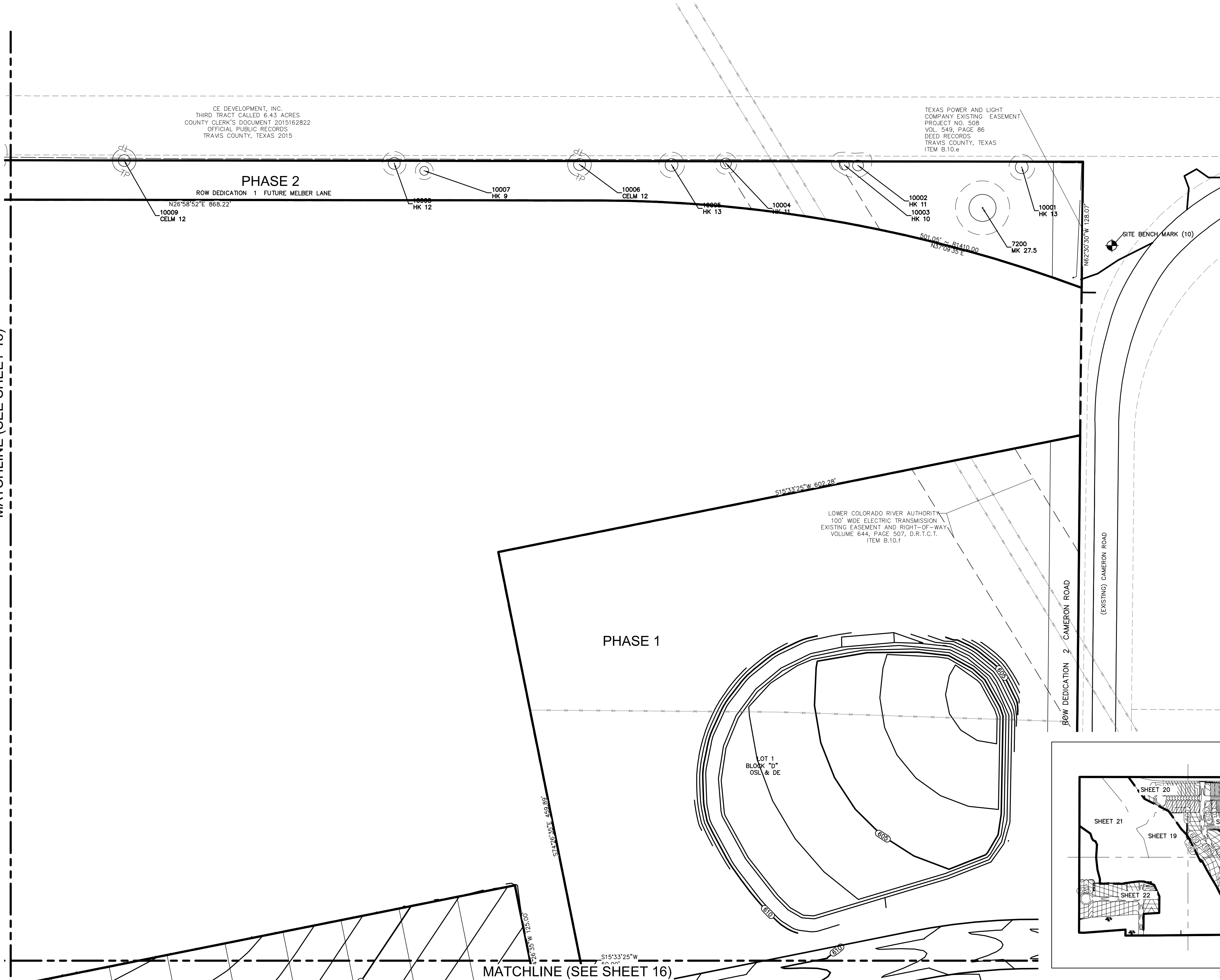
1. PROPOSED GRADING AND UTILITY IMPROVEMENTS ARE APPROXIMATE AND SUBJECT TO CHANGE WITH THE SITE DEVELOPMENT, CONSTRUCTION PLANS, AND FINAL DESIGN.
2. DRAINAGE CALCULATIONS UTILIZE THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) ATLAS 14 RAINFALL DATA PER THE CITY OF PFLUGERVILLE ENGINEERING DESIGN MANUAL.

DRAINAGE AREA	AREA (acres)	I.C. %		COMPOSITE C		A·C ₂	A·C ₂₅	A·C ₁₀₀	SHEET FLOW				SHALLOW CONCENTRATED FLOW			STREET GUTTER FLOW					Cumulative Tc (min)	INTENSITY			DISCHARGE			
			C ₂	C ₂₅	C ₁₀₀				Length (ft)	Manning's (n)	Slope ft/ft	Tc (min)	Length (ft)	Slope ft/ft	Tc (min)	Length (ft)	Manning's (n)	Slope ft/ft	Velocity ft/s	Tc (min)		I 2yr (in/hr)	I 25yr (in/hr)	I 100yr (in/hr)	Q 2 (cfs)	Q 25 (cfs)	Q 100 (cfs)	
ULTIMATE CONDITION DRAINAGE AREAS																												
A1.01	3.69	7%	0.32	0.42	0.49	1.18	1.56	1.82	100	0.24	0.010	18.2	444	0.013	4.0	0	0.016	0.006	2.8	0.0	22.18	3.5	6.3	8.2	4.1	9.8	15.0	
A1.02	0.20	27%	0.41	0.52	0.59	0.08	0.10	0.12	0	0.24	0.010	0.0	64	0.020	0.5	68	0.016	0.006	2.8	0.4	5.00	6.3	11.4	14.9	0.5	1.2	1.8	
A1.03	0.72	52%	0.52	0.64	0.72	0.38	0.46	0.52	35	0.24	0.035	4.8	100	0.020	0.7	195	0.016	0.010	3.6	0.9	6.38	5.9	10.6	13.8	2.2	4.9	7.2	
A1.04	1.37	61%	0.57	0.68	0.77	0.78	0.94	1.05	35	0.24	0.011	7.5	100	0.025	0.7	385	0.016	0.020	5.1	1.3	9.46	5.1	9.2	12.1	4.0	8.7	12.7	
A1.05	1.25	34%	0.44	0.55	0.63	0.55	0.69	0.79	100	0.24	0.043	10.1	535	0.030	3.2	183	0.016	0.020	5.1	0.6	13.92	4.4	7.9	10.3	2.4	5.4	8.1	
A1.06	1.00	31%	0.43	0.54	0.61	0.43	0.54	0.61	100	0.24	0.039	10.5	433	0.010	4.5	136	0.016	0.006	2.8	0.8	15.82	4.1	7.4	9.7	1.8	4.0	5.9	
A1.07	1.12	27%	0.41	0.52	0.60	0.46	0.58	0.67	100	0.24	0.039	9.5	380	0.030	2.3	120	0.016	0.006	2.8	0.7	12.52	4.6	8.2	10.8	2.1	4.8	7.2	
A1.08	0.72	57%	0.54	0.66	0.74	0.39	0.48	0.53	45	0.24	0.050	5.5	112	0.030	0.7	178	0.016	0.006	2.8	1.1	7.24	5.6	10.2	13.3	2.2	4.8	7.1	
A1.09	1.21	34%	0.44	0.55	0.63	0.53	0.67	0.76	100	0.24	0.040	19.9	209	0.030	1.2	174	0.016	0.006	2.8	1.0	22.14	3.5	6.3	8.2	1.9	4.2	6.3	
A1.10	1.11	11%	0.34	0.44	0.51	0.38	0.49	0.57	100	0.24	0.008	19.9	246	0.008	2.8	93	0.016	0.006	2.8	0.6	23.25	3.4	6.1	8.0	1.3	3.0	4.6	
A1.11	0.22	55%	0.54	0.65	0.73	0.12	0.14	0.16	0	0.24	0.008	0.0	59	0.040	0.3	81	0.016	0.006	2.8	0.5	5.00	6.3	11.4	14.9	0.7	1.6	2.4	
A1.12	0.64	66%	0.59	0.71	0.79	0.38	0.45	0.50	74	0.24	0.068	12.5	0	0.010	0.0	318	0.016	0.018	4.8	1.1	13.57	4.4	7.9	10.4	1.7	3.6	5.2	
A1.13	0.87	35%	0.45	0.56	0.64	0.39	0.49	0.55	100	0.24	0.014	6.7	209	0.017	1.7	133	0.016	0.075	9.9	0.2	8.60	5.3	9.6	12.5	2.1	4.6	6.9	
A1.14	1.37	40%	0.47	0.58	0.66	0.64	0.80	0.90	34	0.24	0.120	7.7	100	0.020	0.7	260	0.016	0.075	9.9	0.4	8.83	5.3	9.5	12.4	3.4	7.5	11.2	
A1.15	1.31	42%	0.48	0.59	0.67	0.63	0.77	0.88	48	0.24	0.010	10.1	116	0.060	0.5	260	0.016	0.075	9.9	0.4	11.02	4.8	8.7	11.4	3.0	6.7	9.9	
A2.01	0.33	75%	0.63	0.75	0.84	0.21	0.25	0.28	25	0.24	0.021	4.5	117	0.024	0.8	92	0.016	0.006	2.8	0.5	5.78	6.0	10.9	14.3	1.2	2.7	3.9	
A2.02	1.80	10%	0.34	0.44	0.51	0.60	0.79	0.92	100	0.24	0.009	18.9	483	0.011	4.8	0	0.016	0.010	3.6	0.0	23.70	3.4	6.1	8.0	2.0	4.8	7.3	
A2.03	0.94	56%	0.54	0.66	0.74	0.51	0.62	0.69	25	0.24	0.011	5.8	112	0.014	1.0	227	0.016	0.020	5.1	0.7	7.49	5.6	10.0	13.1	2.8	6.2	9.1	
B1.01	0.85	36%	0.45	0.56	0.64	0.38	0.48	0.54	33	0.24	0.020	5.7	101	0.020	0.7	328	0.016	0.015	4.4	1.2	7.64	5.5	10.0	13.0	2.1	4.8	7.1	
B1.02	0.72	60%	0.56	0.68	0.76	0.40	0.49	0.55	0	0.24	0.020	0.0	38	0.020	0.3	340	0.016	0.015	4.4	1.3	5.00	6.3	11.4	14.9	2.5	5.5	8.1	
B2.01	1.79	36%	0.45	0.56	0.64	0.81	1.01	1.15	80	0.24	0.072	6.9	117	0.020	0.9	318	0.016	0.015	4.4	1.2	8.95	5.2	9.4	12.3	4.2	9.5	14.1	
B2.02	0.71	43%	0.48	0.59	0.67	0.34	0.42	0.48	66	0.24	0.020	9.9	131	0.020	1.0	118	0.016	0.015	4.4	0.4	11.27	4.8	8.6	11.3	1.6	3.6	5.4	
B2.03	1.50	41%	0.48	0.59	0.67	0.71	0.88	1.00	107	0.24	0.010	19.2	128	0.020	0.9	219	0.016	0.015	4.4	0.8	20.93	3.6	6.5	8.5	2.6	5.7	8.5	
B2.04	1.37	28%	0.42	0.53	0.60	0.57	0.72	0.82	85	0.24	0.017	12.9	130	0.020	0.9	182	0.016	0.006	2.8	1.1	14.93	4.2	7.6	10.0	2.4	5.5	8.2	
C1.01	1.32	56%	0.54	0.66	0.74	0.71	0.87	0.97	34	0.24	0.084	3.3	0	0.020	0.0	392	0.016	0.080	10.2	0.6	5.00	6.3	11.4	14.9	4.5	9.9	14.5	
C1.02	0.59	53%	0.53	0.65	0.73	0.31	0.38	0.43	27	0.24	0.110	2.4	114	0.054	0.5	137	0.016	0.010	3.6	0.6	5.00	6.3	11.4	14.9	2.0	4.3	6.4	
C1.03	0.68	67%	0.59	0.71	0.79	0.40	0.48	0.54	25	0.24	0.098	2.4	110	0.075	0.4	95	0.016	0.006	2.8	0.6	5.00	6.3	11.4	14.9	2.5	5.5	8.0	
C2.01	0.74	24%	0.40	0.50	0.58	0.29	0.37	0.43	100	0.24	0.051	9.5	316	0.041	1.6	75	0.016	0.070	9.5	0.1	11.21	4.8	8.6	11.3	1.4	3.2	4.8	
C2.02	2.21	17%	0.36	0.47	0.54	0.81	1.04	1.20	100	0.24	0.052	9.4	304	0.088	1.1	120	0.016	0.070	9.5	0.2	10.66	4.9	8.8	11.5	3.9	9.1	13.8	
C3.01	0.38	35%	0.45	0.56	0.63	0.17	0.21	0.24	25	0.24	0.099	2.4	120	0.110	0.4	74	0.016	0.006	2.8	0.4	5.00	6.3	11.4	14.9	1.1	2.4	3.6	
C3.02	0.64	68%	0.60	0.72	0.80	0.38	0.46	0.51	27	0.24	0.110	2.4	150	0.020	1.1	216	0.016	0.006	2.8	1.3	5.00	6.3	11.4	14.9	2.4	5.2	7.6	
C3.03	0.96	49%	0.51	0.62	0.70	0.49	0.60	0.68	31	0.24	0.020	5.4	105	0.020	0.8	276	0.016	0.700	30.2	0.2	6.31	5.9	10.6	13.9	2.9	6.4	9.4	
C4.01	0.95	54%	0.53	0.65	0.73	0.51	0.62	0.69	31	0.24	0.034	4.4	105	0.055	0.5	276	0.016	0.080	10.2	0.5	5.27	6.2						

Date: Jun 21, 2024, 9:38am User ID: N Dante
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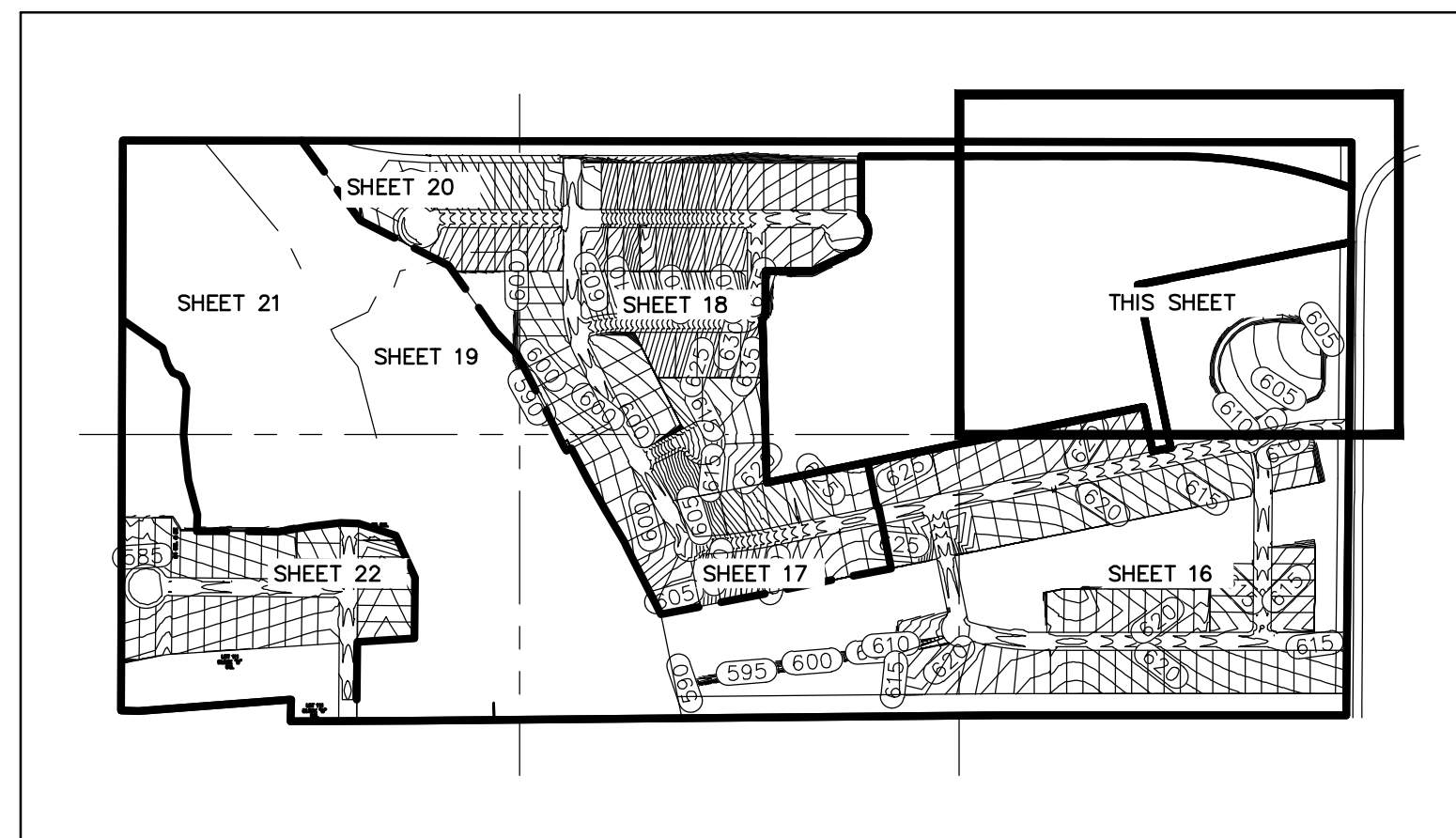
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MATCHLINE (SEE SHEET 18)



NOTES

1. TREES TO BE REMOVED AND PROTECTED ARE TO BE FINALIZED WITH THE SITE PLAN AND CONSTRUCTION PLANS.
2. TREES DETERMINED TO BE PROTECTED SHALL HAVE TREE PROTECTION MEASURES PER THE CITY OF PFLUGERVILLE CONSTRUCTION STANDARDS AND DETAILS.
3. ALL TREES WITHIN THE 100-YR FLOODPLAIN ARE TO BE CONSIDERED PROTECTED REGARDLESS OF SPECIES.
4. TREE SURVEY PERFORMED JANUARY 2022.
5. SEE SHEET 25 FOR CITY OF PFLUGERVILLE STANDARD TREE PROTECTION NOTES AND DETAILS.



NO.	REVISION	DATE



**PAPE-DAWSON
ENGINEERS**

AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
18001 N. MO-PAC EXPY., SUITE 200 | AUSTIN, TX 78758 | 512.464.8711
TYPE FIRM REGISTRATION #4470 | TYPE FIRM REGISTRATION #10058601

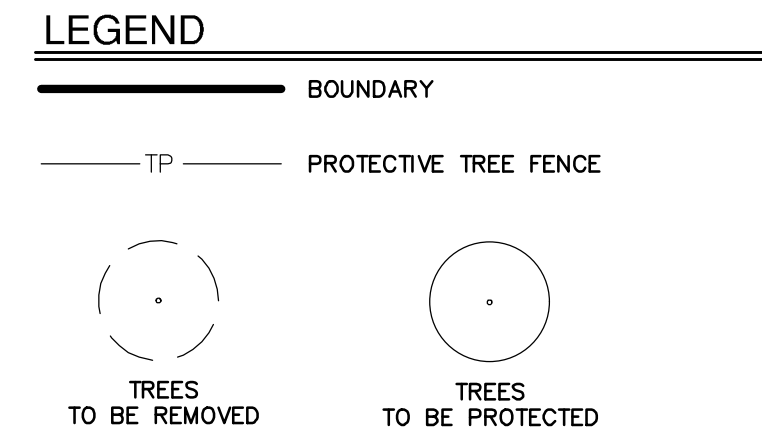
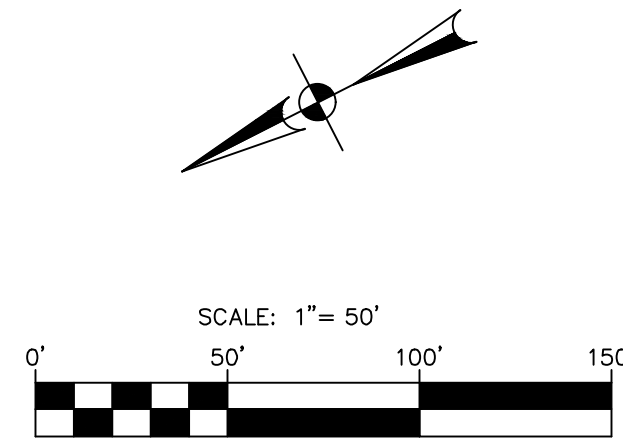
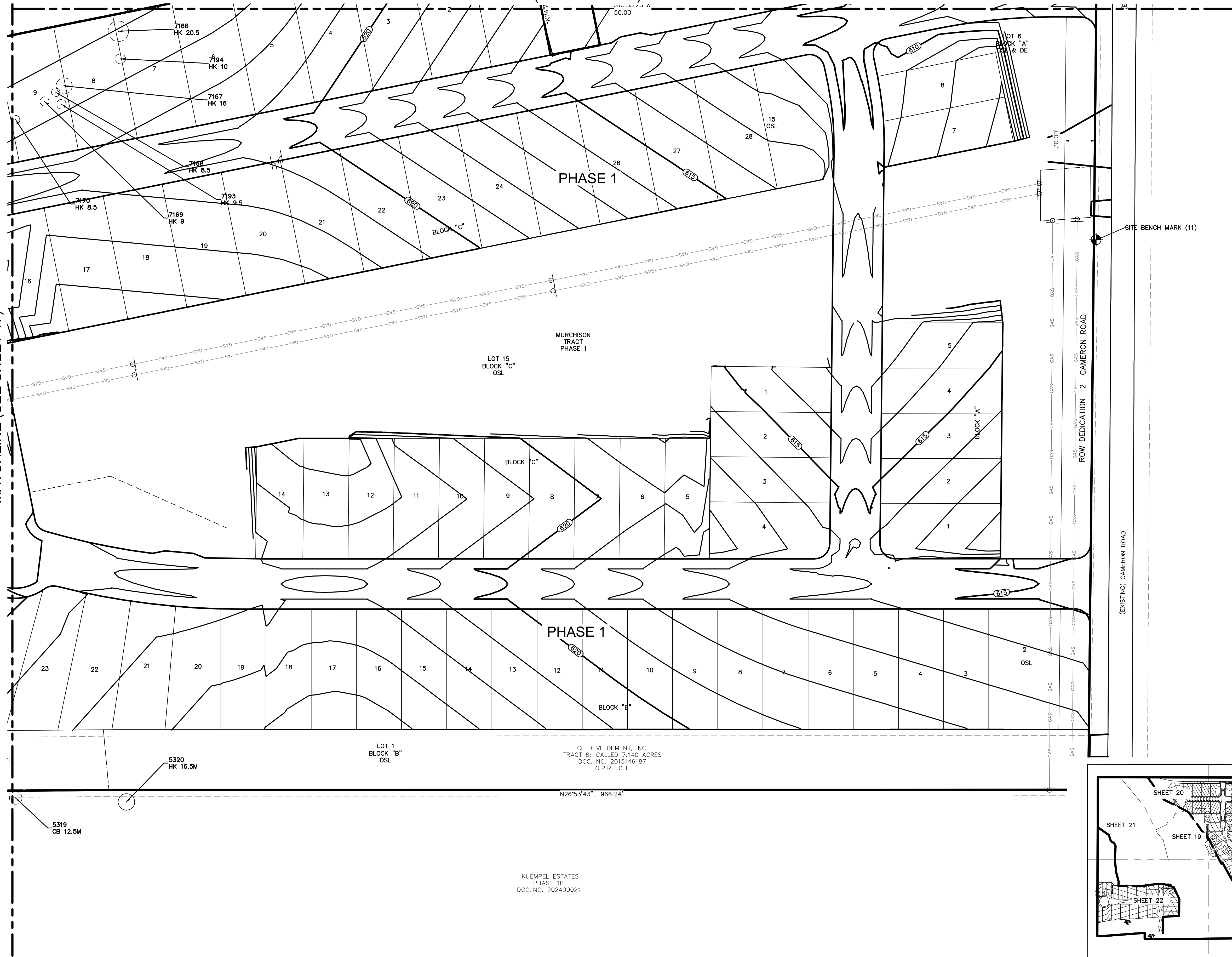
MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS
TREE SURVEY (1 OF 8)

CITY NO. 2023-B-PP
JOB NO. 51387-00
DATE JUNE 2024
DESIGNER NJD
CHECKED AC DRAWN NJD
SHEET 15 of 27

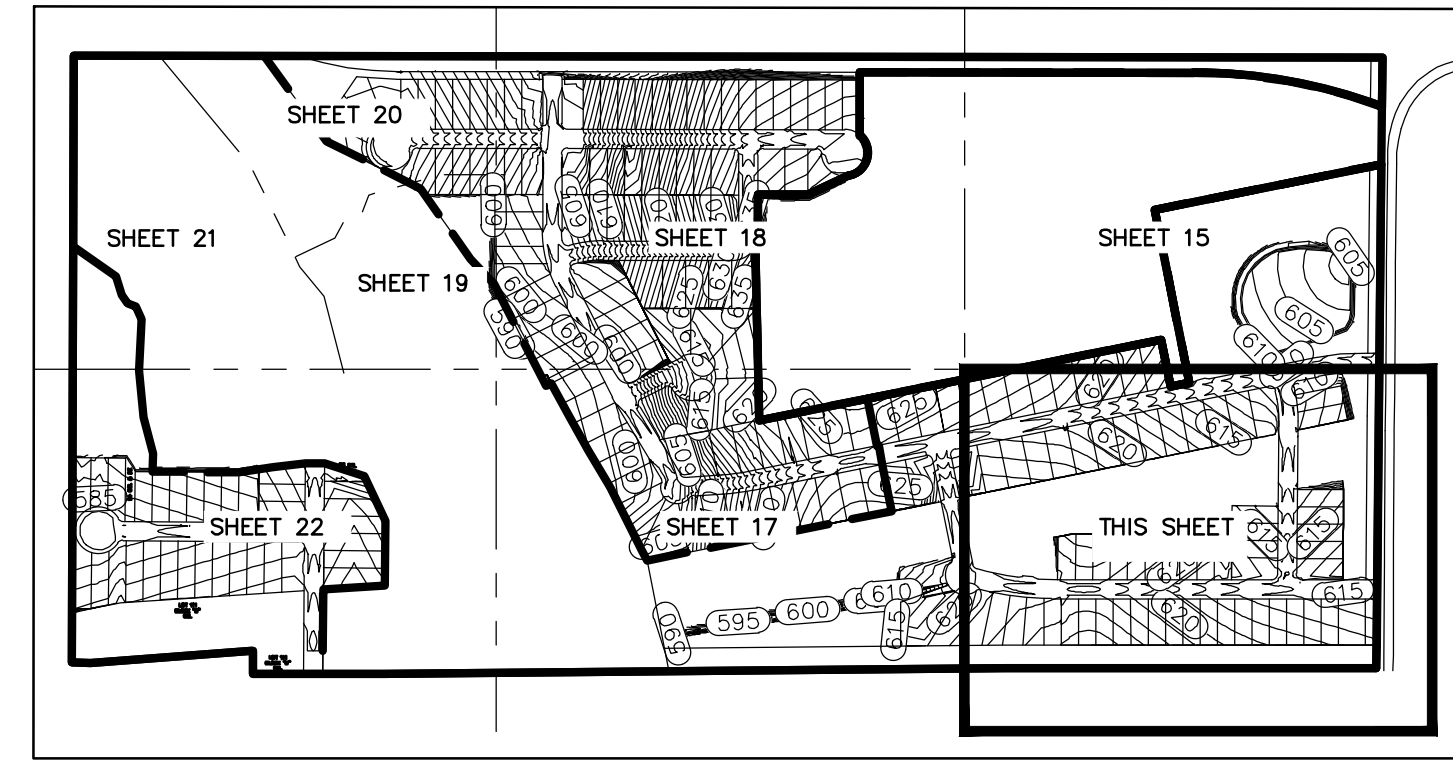
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MATCHLINE (SEE SHEET 17)



- NOTES**
- TREES TO BE REMOVED AND PROTECTED ARE TO BE FINALIZED WITH THE SITE PLAN AND CONSTRUCTION PLANS.
 - TREES DETERMINED TO BE PROTECTED SHALL HAVE TREE PROTECTION MEASURES PER THE CITY OF PFLUGERVILLE CONSTRUCTION STANDARDS AND DETAILS.
 - ALL TREES WITHIN THE 100-YR FLOODPLAIN ARE TO BE CONSIDERED PROTECTED REGARDLESS OF SPECIES.
 - TREE SURVEY PERFORMED JANUARY 2022.
 - SEE SHEET 25 FOR CITY OF PFLUGERVILLE STANDARD TREE PROTECTION NOTES AND DETAILS.



TREE SURVEY KEY MAP
SCALE: 1:500

NO.	REVISION	DATE



PAPE-DAWSON ENGINEERS
AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
18061 N. MOPEC EXPY., BLDG. 3, SUITE 200 | AUSTIN, TX 78759 | 512.664.8711
TYPE FIRM REGISTRATION #4470 | TYPE FIRM REGISTRATION #10058601

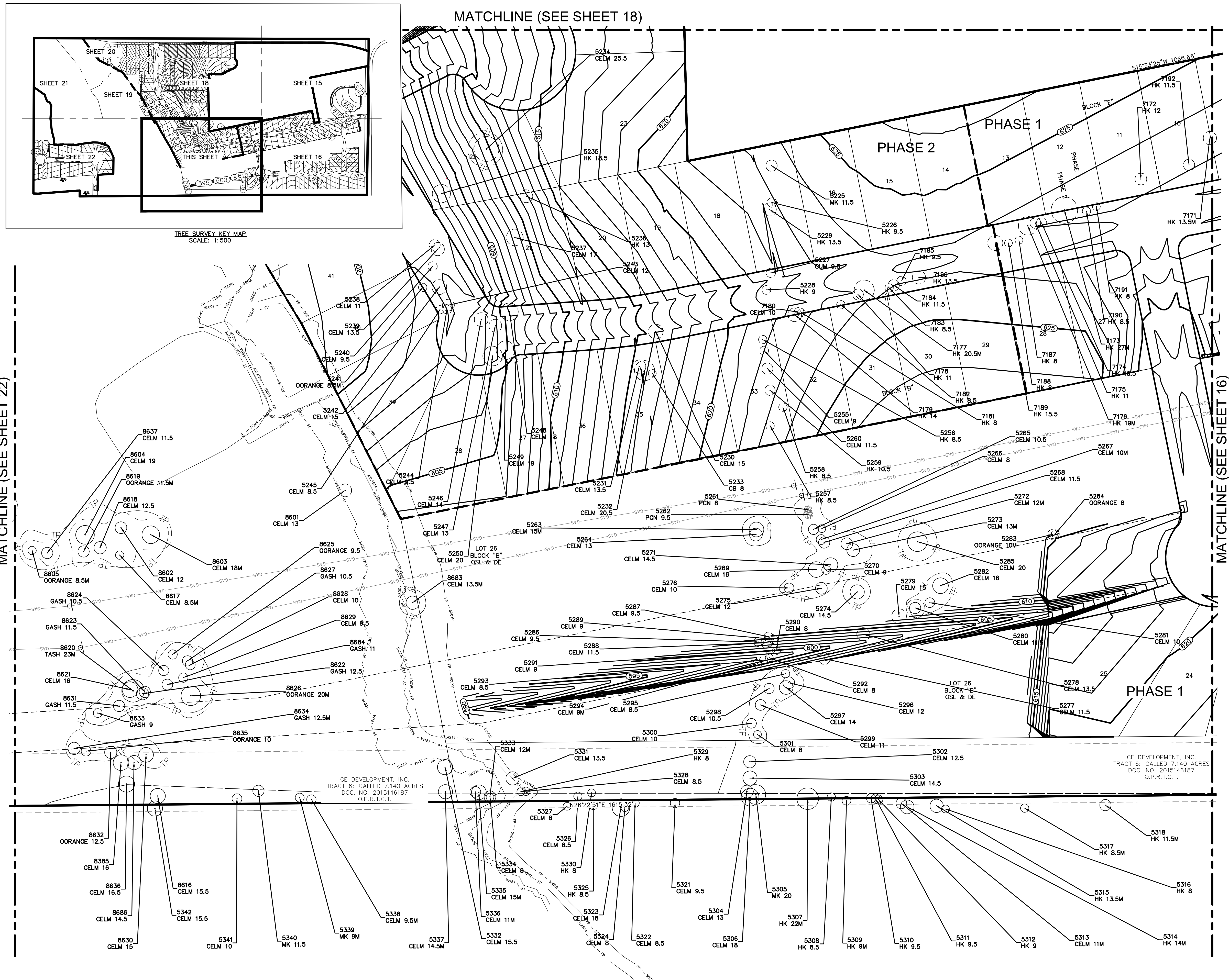
MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS
TREE SURVEY (2 OF 8)

CITY NO.	2023-B-PP
JOB NO.	51387-00
DATE	JUNE 2024
DESIGNER	NJD
CHECKED	AC
DRAWN	NJD
SHEET	16 of 27

Date: Jun 21, 2024, 9:40am User ID: N Dante
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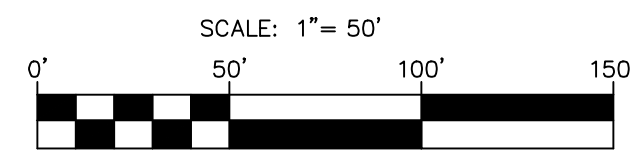
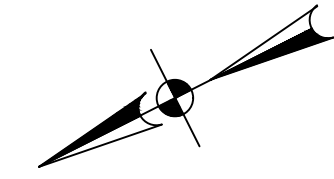
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MATCHLINE (SEE SHEET 22)



MATCHLINE (SEE SHEET 18)

MATCHLINE (SEE SHEET 16)



LEGEND

- BOUNDARY
- TP PROTECTIVE TREE FENCE
- TREES TO BE REMOVED
- TREES TO BE PROTECTED

NOTES

- TREES TO BE REMOVED AND PROTECTED ARE TO BE FINALIZED WITH THE SITE PLAN AND CONSTRUCTION PLANS.
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- TREE SURVEY PERFORMED JANUARY 2022.
- SEE SHEET 25 FOR CITY OF PFLUGERVILLE STANDARD TREE PROTECTION NOTES AND DETAILS.

NO.	REVISION	DATE



**PAPE-DAWSON
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18001 N. MOORE BOYD, SUITE 200 | AUSTIN, TX 78758 | 512.664.8711
TYPE FIRM REGISTRATION #4470 | TYPE FIRM REGISTRATION #10058601

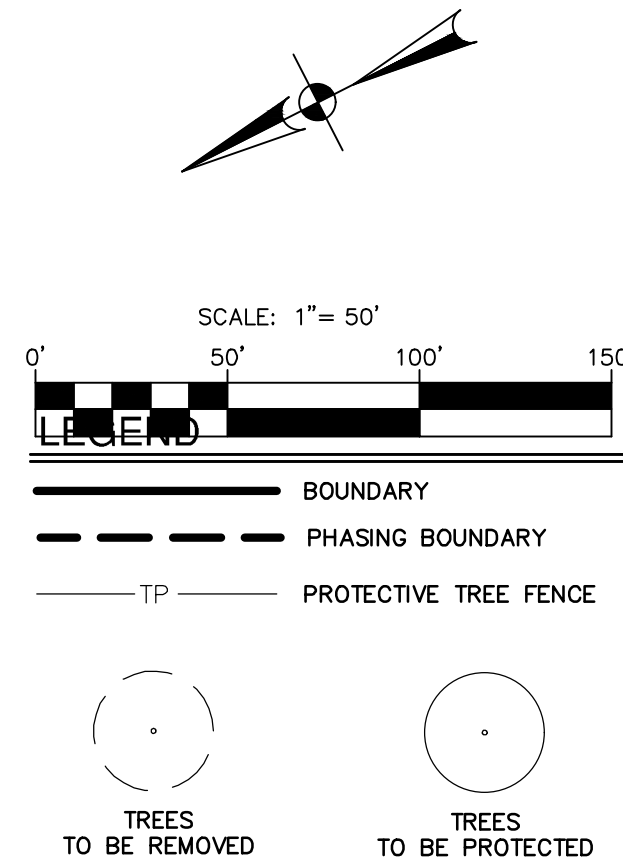
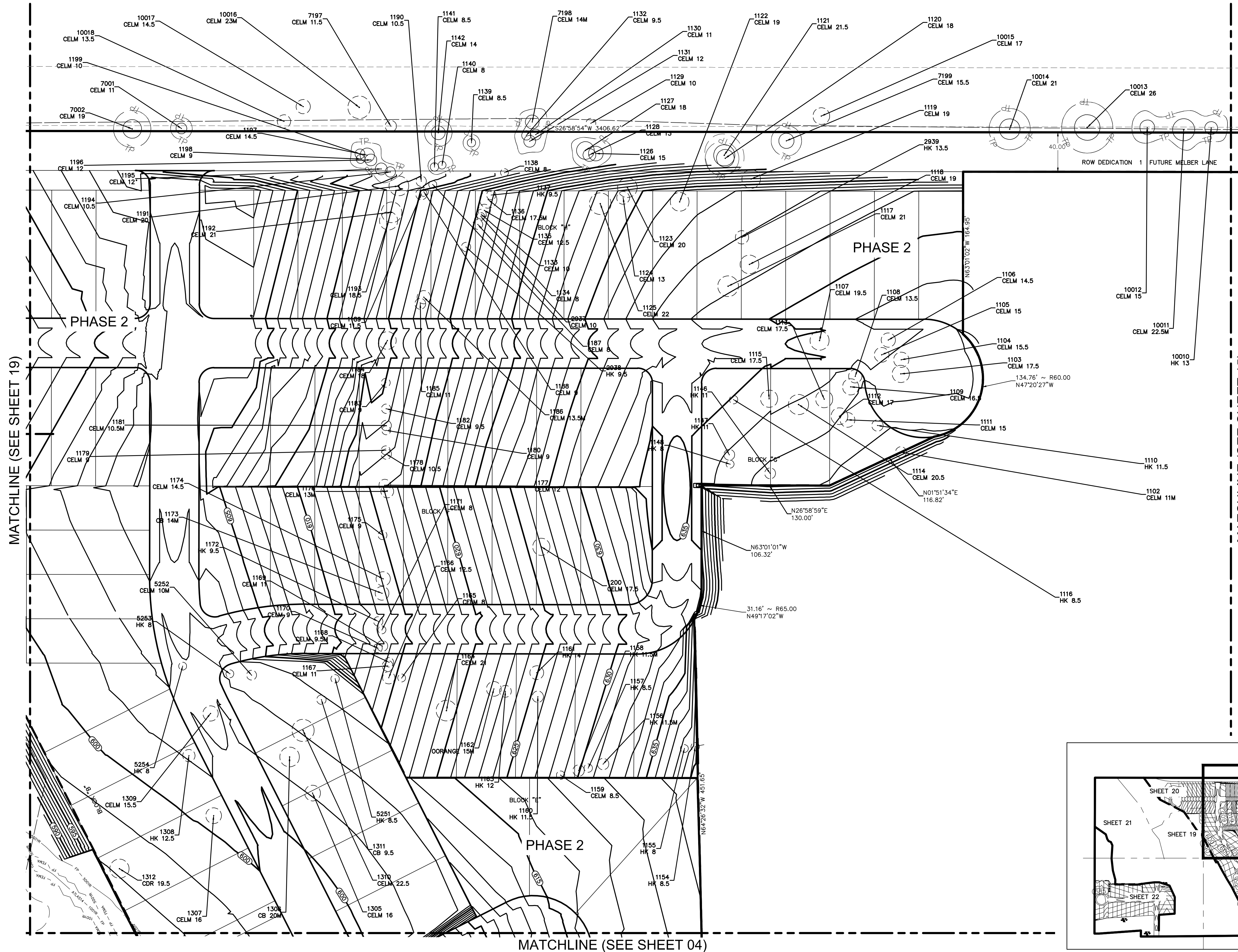
**MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS**

TREE SURVEY (3 OF 8)

CITY NO.	2023-8-PP
JOB NO.	51387-00
DATE	JUNE 2024
DESIGNER	NJD
CHECKED	AC
DRAWN	NJD
SHEET	17 of 27

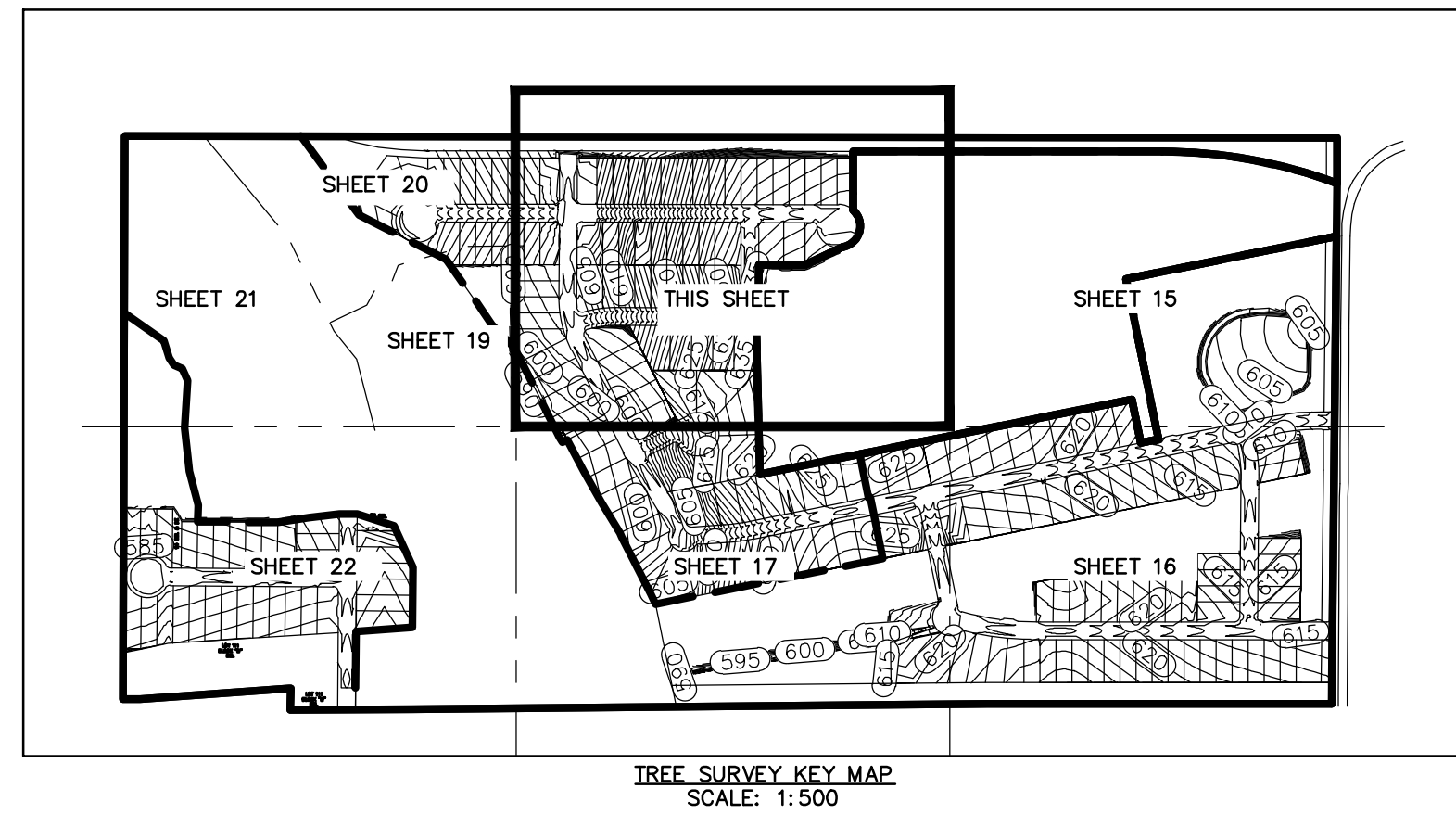
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NOTES

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3. ALL TREES WITHIN THE 100-YR FLOODPLAIN ARE TO BE CONSIDERED PROTECTED REGARDLESS OF SPECIES.
4. TREE SURVEY PERFORMED JANUARY 2022.
5. SEE SHEET 25 FOR CITY OF PFLUGERVILLE STANDARD TREE PROTECTION NOTES AND DETAILS.



NO.	REVISION	DATE

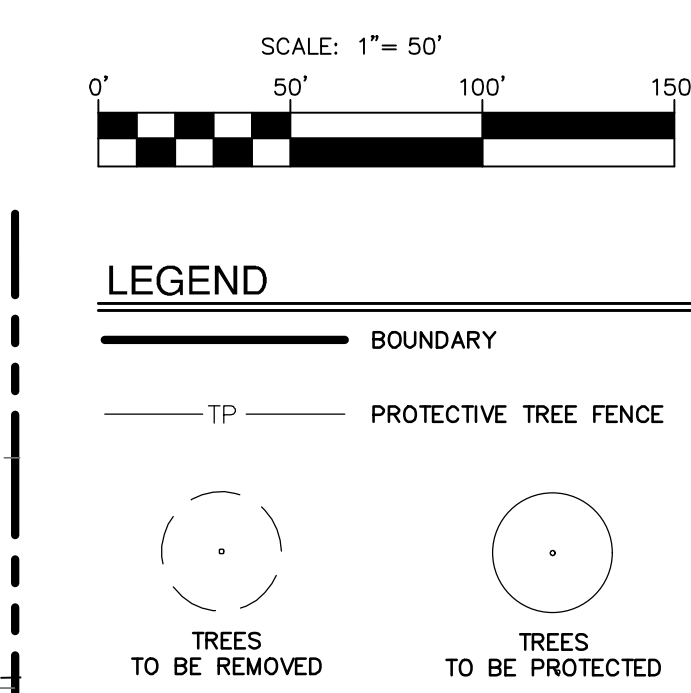


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18001 N. MOORE BOYD, SUITE 200 | AUSTIN, TX 78758 | 512.464.8711
TYPE FIRM REGISTRATION #4470 | TYPE FIRM REGISTRATION #10058601

MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS
TREE SURVEY (4 OF 8)

CITY NO. 2023-8-PP
JOB NO. 51387-00
DATE JUNE 2024
DESIGNER NJD
CHECKED AC DRAWN NJD
SHEET 18 of 27



 BOUNDARY
 TP PROTECTIVE TREE FENCE

- ## NOTES
-
1. TREES TO BE REMOVED AND PROTECTED ARE TO BE FINALIZED WITH THE SITE PLAN AND CONSTRUCTION PLANS.
 2. TREES DETERMINED TO BE PROTECTED SHALL HAVE TREE PROTECTION MEASURES PER THE CITY OF PULFUGRIVER CONSTRUCTION STANDARDS AND DETAILS.
 3. ALL TREES WITHIN THE 100-YR FLOODPLAIN ARE TO BE CONSIDERED PROTECTED REGARDLESS OF SPECIES.
 4. TREE SURVEY PERFORMED JANUARY 2022.
 5. SEE SHEET 25 FOR CITY OF PULFUGRIVER STANDARD TREE PROTECTION NOTES AND DETAILS.

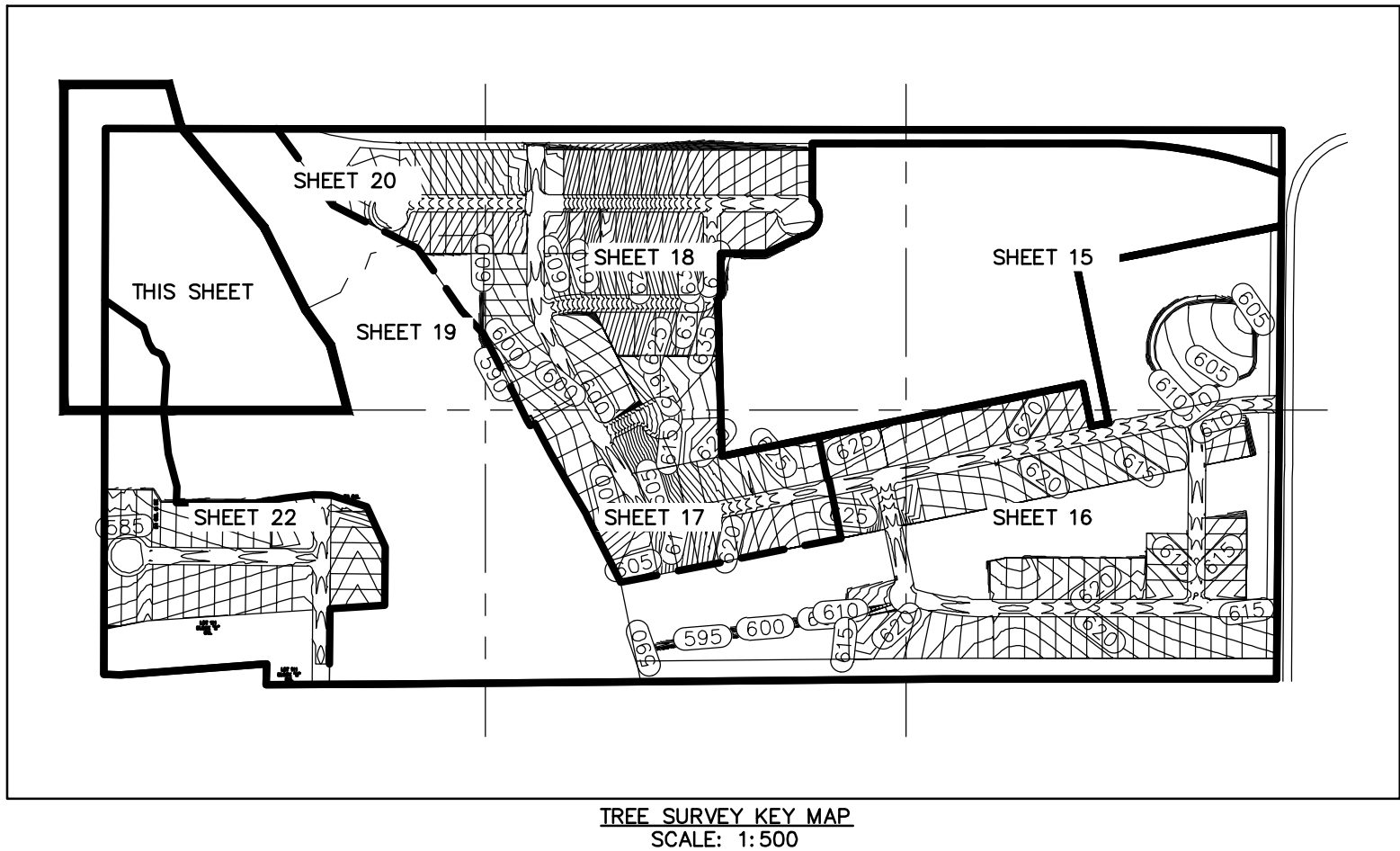
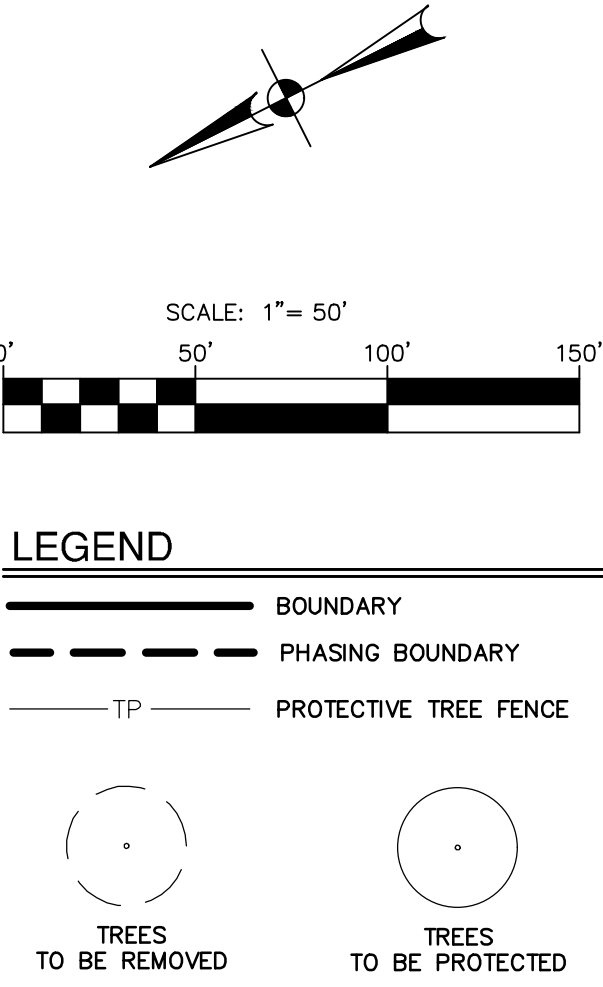
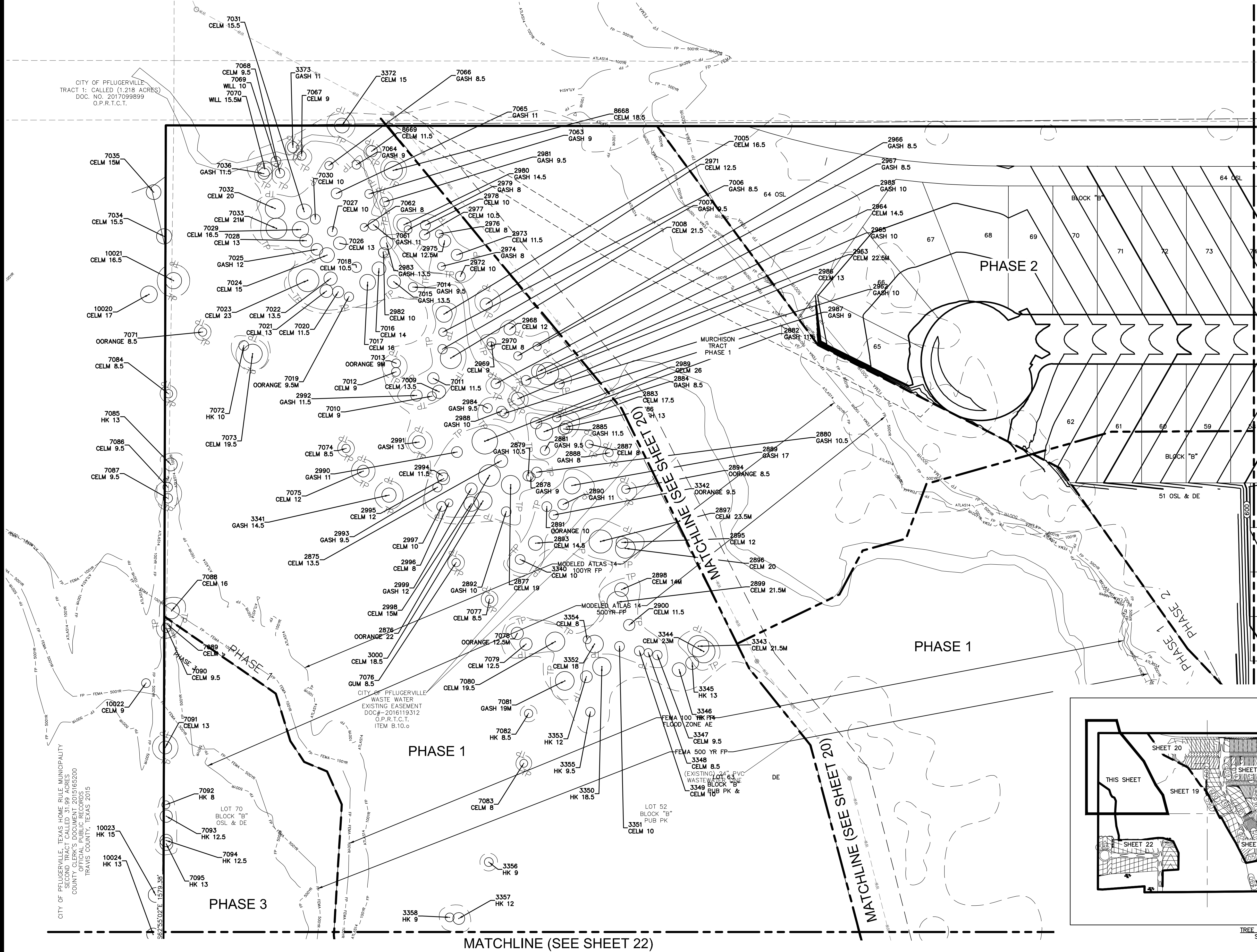
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PE ENGINEERS

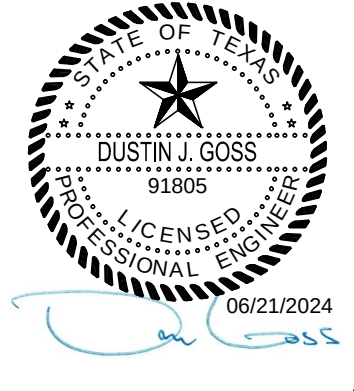
AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
10801 N. MOPAC EXP. BLDG. 3, STE 200 | AUSTIN, TX 78759 | 512.458.8711
TEPE FIRM REGISTRATION 4470 | TEPALS FIRM REGISTRATION 1 0028801

MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS
TREE SURVEY (5 OF 8)

CITY NO. 2023-8-PP
JOB NO. 51387-00
DATE JUNE 2024
DESIGNER NJD
CHECKED AC DRAWN NJD
SHEET **19 of 27**



NO.	REVISION	DATE



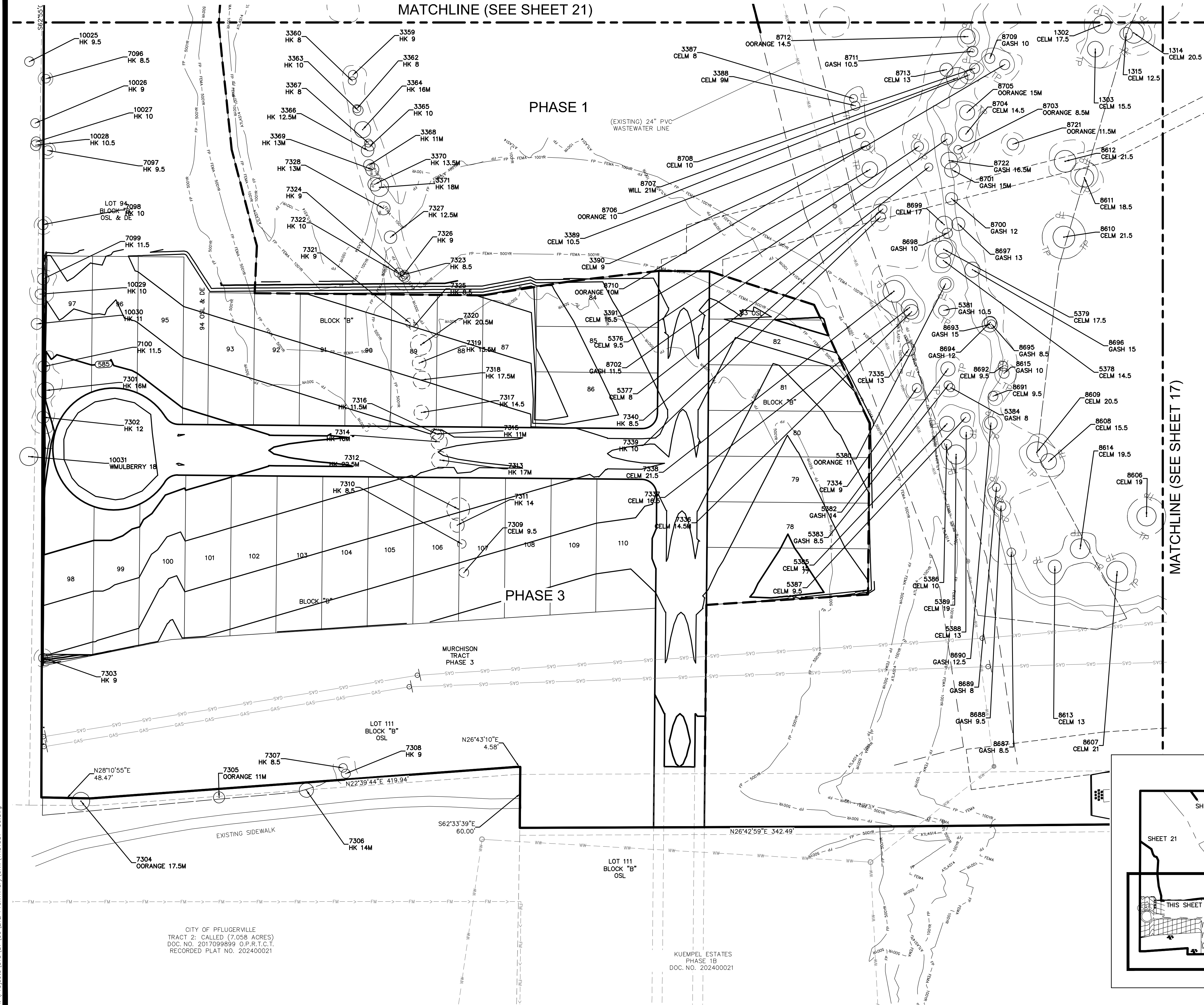
PAPE-DAWSON ENGINEERS
AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
18001 N. MOHAWK EXPY., BLDG. 3, STE. 200 | AUSTIN, TX 78758 | 512.464.8711
TYPE FIRM REGISTRATION #4470 | TYPE FIRM REGISTRATION #1008601

**MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS
TREE SURVEY (7 OF 8)**

CITY NO.	2023-B-PP
JOB NO.	51387-00
DATE	JUNE 2024
DESIGNER	NJD
CHECKED	AC
DRAWN	NJD
SHEET	21 of 27

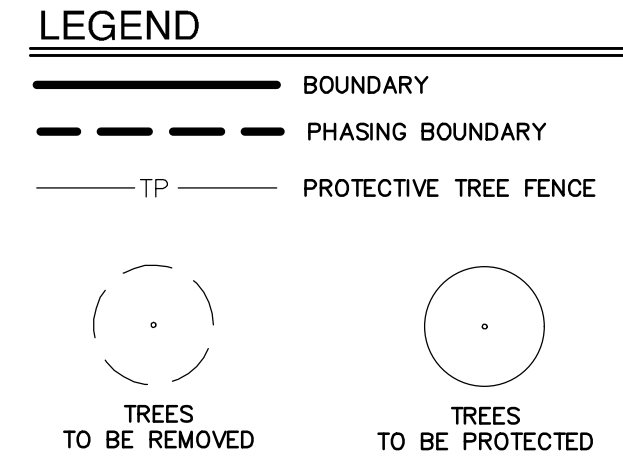
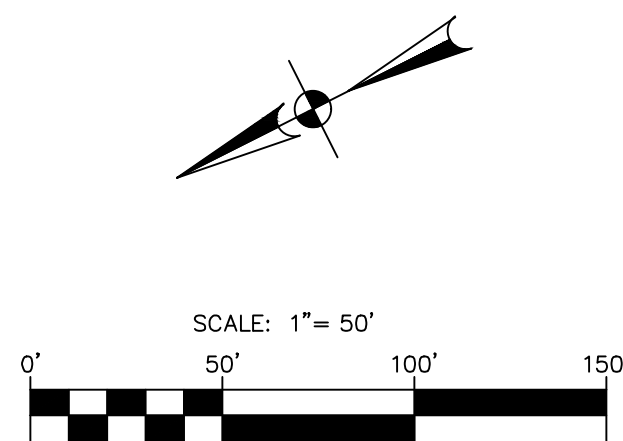
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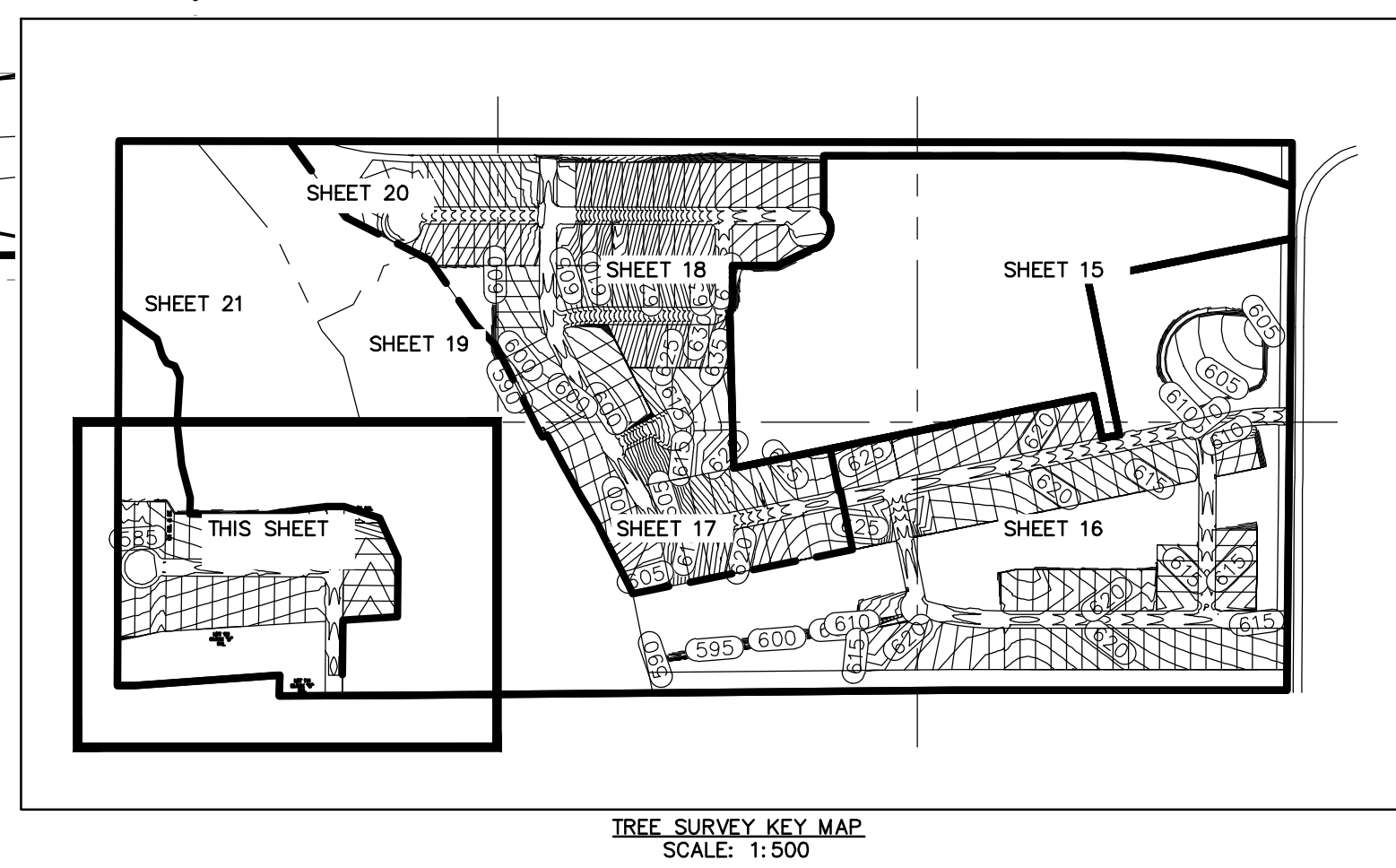


CITY OF PFLUGERVILLE
TRACT 2: CALLED (7.058 ACRES)
DOC. NO. 2017099899 O.P.R.T.C.T.
RECORDED PLAT NO. 202400021

KUEMPEL ESTATES
PHASE 1B
DOC. NO. 202400021



- NOTES**
- TREES TO BE REMOVED AND PROTECTED ARE TO BE FINALIZED WITH THE SITE PLAN AND CONSTRUCTION PLANS.
 - TREES DETERMINED TO BE PROTECTED SHALL HAVE TREE PROTECTION MEASURES PER THE CITY OF PFLUGERVILLE CONSTRUCTION STANDARDS AND DETAILS.
 - ALL TREES WITHIN THE 100-YR FLOODPLAIN ARE TO BE CONSIDERED PROTECTED REGARDLESS OF SPECIES.
 - TREE SURVEY PERFORMED JANUARY 2022.
 - SEE SHEET 25 FOR CITY OF PFLUGERVILLE STANDARD TREE PROTECTION NOTES AND DETAILS.



TREE SURVEY KEY MAP
SCALE: 1:500

NO.	REVISION	DATE



**PAPE-DAWSON
ENGINEERS**
AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
1806 N. MOORE AVE., SUITE 200 | AUSTIN, TX 78705 | 512.464.8711
TYPE FIRM REGISTRATION #4470 | TYPE FIRM REGISTRATION #10058601

MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS
TREE SURVEY (8 OF 8)

CITY NO.	2023-B-PP
JOB NO.	51387-00
DATE	JUNE 2024
DESIGNER	NJD
CHECKED	AC
DRAWN	NJD
SHEET	22 of 27

TREES TO PROTECT - CLASS 2						
Floodplain	TAG #	DESCRIPTION	CONDITION	SPECIES	TRUNK SIZE (IN)	DIAMETER (IN)
Y	1368	Cedar Elm	Fair	CELM	16.5	16.5
Y	1369	Cedar Elm	Fair	CELM	13.5	13.5
Y	1370	Cedar Elm	Fair	CELM	12	12
Y	1371	Cedar Elm	Fair	CELM	13.5	13.5
Y	1372	Cedar Elm	Fair	CELM	11	11
Y	1373	Cedar Elm	Fair	CELM	11	11
Y	1374	Cedar Elm	Fair	CELM	11	11
Y	1375	Cedar Elm	Fair	CELM	11.5,11.5	17
Y	1376	Cedar Elm	Fair	CELM	9.5	9.5
Y	1377	Texas Ash	Fair	TASH	10	10
Y	1378	Texas Ash	Fair	TASH	10.5	10.5
Y	1379	Texas Ash	Fair	TASH	15	15
Y	1380	Texas Ash	Fair	TASH	8.5	8.5
Y	1383	Osage Orange	Fair	OORANGE	8.5	8.5
Y	1384	Texas Ash	Fair	TASH	9.5	9.5
Y	1385	Texas Ash	Fair	TASH	9	9
Y	1386	Texas Ash	Fair	TASH	11	11
Y	1387	Texas Ash	Fair	TASH	13	13
Y	1388	Texas Ash	Fair	TASH	10	10
Y	1389	Texas Ash	Fair	TASH	9.5	9.5
Y	1390	Osage Orange	Fair	OORANGE	9	9
Y	1391	Texas Ash	Fair	TASH	10.5,8.5	14.5
Y	1392	Texas Ash	Fair	TASH	13.5	13.5
Y	1393	Cedar Elm	Fair	CELM	12	12
Y	1394	Cedar Elm	Fair	CELM	15	15
Y	1397	Cedar Elm	Fair	CELM	14.5	14.5
Y	1398	Cedar Elm	Fair	CELM	15	15
Y	1399	Cedar Elm	Fair	CELM	17.5	17.5
Y	1400	Cedar Elm	Fair	CELM	10	10
Y	2878	Green Ash	Fair	GASH	9	9
Y	2879	Green Ash	Fair	GASH	10.5	10.5
Y	2880	Green Ash	Fair	GASH	10.5	10.5
Y	2881	Green Ash	Fair	GASH	9.5	9.5
Y	2882	Green Ash	Fair	GASH	11.5	11.5
Y	2883	Cedar Elm	Fair	CELM	17.5	17.5
Y	2884	Green Ash	Fair	GASH	8.5	8.5
Y	2885	Green Ash	Fair	GASH	11.5	11.5
Y	2886	Green Ash	Fair	GASH	13	13
Y	2887	Cedar Elm	Fair	CELM	8	8
Y	2888	Green Ash	Fair	GASH	8	8
Y	2889	Green Ash	Fair	GASH	17	17
Y	2890	Green Ash	Fair	GASH	11	11
Y	2891	Osage Orange	Fair	OORANGE	10	10
Y	2893	Cedar Elm	Fair	CELM	14.5	14.5
Y	2894	Osage Orange	Fair	OORANGE	8.5	8.5
Y	2895	Cedar Elm	Fair	CELM	12	12
Y	2898	Cedar Elm	Fair	CELM	10.8	14
Y	2900	Cedar Elm	Fair	CELM	11.5	11.5
N	2907	Cedar Elm	Fair	CELM	12,6	15
N	2908	Cedar Elm	Fair	CELM	15	15
N	2909	Cedar Elm	Fair	CELM	11	11
N	2910	Cedar Elm	Fair	CELM	15	15
Y	2911	Cedar Elm	Fair	CELM	15	15
N	2912	Cedar Elm	Fair	CELM	14	14
N	2913	Cedar Elm	Fair	CELM	13.5	13.5
N	2915	Cedar Elm	Fair	CELM	13	13
Y	2916	Osage Orange	Fair	OORANGE	13,8	17
Y	2917	Cedar Elm	Fair	CELM	11	11
Y	2918	Cedar Elm	Fair	CELM	10.5	10.5
Y	2919	Cedar Elm	Fair	CELM	10	10
Y	2920	Cedar Elm	Fair	CELM	8.5	8.5
Y	2921	Cedar Elm	Fair	CELM	9.5	9.5
Y	2922	Cedar Elm	Fair	CELM	8,7.5,6.5	15
Y	2924	Cedar Elm	Fair	CELM	11,7	14.5
Y	2925	Cedar Elm	Fair	CELM	9.5	9.5
N	2926	Osage Orange	Fair	OORANGE	9,6	12
N	2928	Cedar Elm	Fair	CELM	14.5	14.5
N	2929	Cedar Elm	Fair	CELM	8.5	8.5
N	2930	Cedar Elm	Fair	CELM	10	10
N	2931	Cedar Elm	Fair	CELM	11.5	11.5
N	2932	Cedar Elm	Fair	CELM	12	12
N	2933	Cedar Elm	Fair	CELM	12.5	12.5
N	2934	Cedar Elm	Fair	CELM	9	9
N	2935	Cedar Elm	Fair	CELM	10.5	10.5
N	2936	Cedar Elm	Fair	CELM	17	17
Y	1330	Texas Ash	Fair	TASH	14	14
N	7090	Cedar Elm	Fair	CELM	9.5	9.5
N	7198	Cedar Elm	Fair	CELM	10.5,7	14
N	7199	Cedar Elm	Fair	CELM	15.5	15.5
N	7304	Osage Orange	Fair	OORANGE	12,11.5	17.5
N	7305	Osage Orange	Fair	OORANGE	8,6	11
N	7087	Cedar Elm	Fair	CELM	9.5	9.5
N	7088	Cedar Elm	Fair	CELM	16	16
N	7089	Cedar Elm	Fair	CELM	9	9

TREES TO PROTECT - CLASS 2						
Floodplain	TAG #	DESCRIPTION	CONDITION	SPECIES	TRUNK SIZE (IN)	DIAMETER (IN)
Y	2940	Green Ash	Fair	GASH	9.5	9.5
Y	2941	Green Ash	Fair	GASH	8	8
Y	2942	Green Ash	Fair	GASH	8	8
Y	2943	Green Ash	Fair	GASH	8.5	8.5
Y	2945	Cedar Elm	Fair	CELM	12	12
Y	2946	Cedar Elm	Fair	CELM	12	12
Y	2947	Cedar Elm	Fair	CELM	10	10
Y	2948	Cedar Elm	Fair	CELM	8.5	8.5
Y	2949	Green Ash	Fair	GASH	8	8
Y	2950	Green Ash	Fair	GASH	9.5	9.5
Y	2951	Cedar Elm	Fair	CELM	9	9
Y	2952	Cedar Elm	Fair	CELM	9.5	9.5
Y	2953	Cedar Elm	Fair	CELM	8	8
Y	2954	Cedar Elm	Fair	CELM	10.5	10.5
Y	2955	Cedar Elm	Fair	CELM	11.5	11.5
Y	2956	Cedar Elm	Fair	CELM	8	8
Y	2957	Cedar Elm	Fair	CELM	10.5	10.5
Y	2958	Cedar Elm	Fair	CELM	11.5	11.5
Y	2959	Cedar Elm	Fair	CELM	11	11
Y	2960	Cedar Elm	Fair	CELM	8	8
Y	2961	Osage Orange	Fair	OORANGE	8.5	8.5
Y	2962	Green Ash	Fair	GASH	10	10
Y	2964	Cedar Elm	Fair	CELM	14.5	14.5
Y	2965	Green Ash	Fair	GASH	10	10
Y	2966	Green Ash	Fair	GASH	8.5	8.5
Y	2968	Cedar Elm	Fair	CELM	12	12
Y	2969	Cedar Elm	Fair	CELM	9	9
Y	2970	Cedar Elm	Fair	CELM	8	8
Y	2971	Cedar Elm	Fair	CELM	12.5	12.5
Y	2972	Cedar Elm	Fair	CELM	10	10
Y	2973	Cedar Elm	Fair	CELM	11.5	11.5
Y	2974	Green Ash	Fair	GASH	8	8
Y	2975	Cedar Elm	Fair	CELM	9.5,6.5	12.5
Y	2976	Cedar Elm	Fair	CELM	8	8
Y	2977	Cedar Elm	Fair	CELM	10.5	10.5
Y	2978	Cedar Elm	Fair	CELM	10	10
Y	2979	Green Ash	Fair	GASH	8	8
Y	2980	Green Ash	Fair	GASH	14.5	14.5
Y	2983	Green Ash	Fair	GASH	13.5	13.5
Y	2984	Green Ash	Fair	GASH	9.5	9.5
Y	2985	Green Ash	Fair	GASH	10	10
Y	2986	Cedar Elm	Fair	CELM	13	13
Y	2987	Green Ash	Fair	GASH	9	9
Y	2988	Green Ash	Fair	GASH	10	10
Y	2990	Green Ash	Fair	GASH	11	11
Y	2991	Green Ash	Fair	GASH	13	13
Y	2994	Cedar Elm	Fair	CELM	11.5	11.5
Y	2995	Cedar Elm	Fair	CELM	12	12
Y	2996	Cedar Elm	Fair	CELM	8	8
Y	2997	Cedar Elm	Fair	CELM	10	10
Y	2998	Cedar Elm	Fair	CELM	11.5,7.5	15
Y	3340	Cedar Elm	Fair	CELM	10	10
Y	3341	Green Ash	Fair	GASH	14.5	14.5
Y	3342	Osage Orange	Fair	OORANGE	9.5	9.5
Y	3347	Cedar Elm	Fair	CELM	9.5	9.5
Y	3348	Cedar Elm	Fair	CELM	8.5	8.5
Y	3349	Cedar Elm	Fair	CELM	10	10
Y	3351	Cedar Elm	Fair	CELM	10	10
Y	3354	Cedar Elm	Fair	CELM	8	8
Y	901	Cedar Elm	Fair	CELM	17	17
Y	902	Cedar Elm	Fair	CELM	15	15
Y	903	Cedar Elm	Fair	CELM	14	14
Y	906	Osage Orange	Fair	OORANGE	8	8
Y	908	Texas Ash	Fair	TASH	10.5	10.5
Y	909	Texas Ash	Fair	TASH	8	8
Y	910	Texas Ash	Fair	TASH	14	14
Y	911	Texas Ash	Fair	TASH	16	16
Y	913	Texas Ash	Fair	TASH	13	13
Y	914	Texas Ash	Fair	TASH	9	9
Y	916	Texas Ash	Fair	TASH	12	12
Y	917	Texas Ash	Fair	TASH	13.5	13.5
Y	918	Texas Ash	Fair	TASH	13.5	13.5
N	1126	Cedar Elm	Fair	CELM	15	15
N	1128	Cedar Elm	Fair	CELM	13	13
N	1130	Cedar Elm	Fair	CELM	11	11
N	1131	Cedar Elm	Fair	CELM	12	12
Y	7330	Cedar Elm	Fair	CELM	12.5	12.5
Y	7333	Cedar Elm	Fair	CELM	10	10
Y	7334	Cedar Elm	Fair	CELM	9	9
Y	7336	Cedar Elm	Fair	CELM	10,9.5	14.5
Y	7337	Cedar Elm	Fair	CELM	16.5	16.5
Y	8602	Cedar Elm	Fair	CELM	12	12
Y	8605	Osage Orange	Fair	OORANGE	6,5.5	8.5
Y	8608	Cedar Elm	Fair	CELM	15.5	15.5

TREES TO PROTECT - CLASS 2						
Floodplain	TAG #	DESCRIPTION	CONDITION	SPECIES	TRUNK SIZE (IN)	DIAMETER (IN)
Y	3372	Cedar Elm	Fair	CELM	15	15
Y	3378	Cedar Elm	Fair	CELM	14	14
Y	3383	Cedar Elm	Fair	CELM	9	9
Y	3384	Cedar Elm	Fair	CELM	12	12
Y	3385	Cedar Elm	Fair	CELM	12	12
Y	3386	Cedar Elm	Fair	CELM	15	15
Y	3387	Cedar Elm	Fair	CELM	8	8
Y	3388	Cedar Elm	Fair	CELM	6,6	9
Y	3389	Cedar Elm	Fair	CELM	10.5	10.5
Y	3390	Cedar Elm	Fair	CELM	9	9
Y	3391	Cedar Elm	Fair	CELM	15.5	15.5
N	5263	Cedar Elm	Fair	CELM	10.5,9.5	15
N	5264	Cedar Elm	Fair	CELM	13	13
N	5265	Cedar Elm	Fair	CELM	10.5	10.5
N	5266	Cedar Elm	Fair	CELM	8	8
N	5267	Cedar Elm	Fair	CELM	7.5,5	10
N	5268	Cedar Elm	Fair	CELM	11.5	11.5
N	5269	Cedar Elm	Fair	CELM	16	16
N	5270	Cedar Elm	Fair	CELM	9	9
N	5271	Cedar Elm	Fair	CELM	14.5	14.5
N	5272	Cedar Elm	Fair	CELM	8.5,7.5	12
N	5273	Cedar Elm	Fair	CELM	9.5,7.5	13
N	5276	Cedar Elm	Fair	CELM	10	10
N	5300	Cedar Elm	Fair	CELM	10	10
N	5302	Cedar Elm	Fair	CELM	12.5	12.5
N	5303	Cedar Elm	Fair	CELM	14.5	14.5
N	5304	Cedar Elm	Fair	CELM	13	13
N	5313	Cedar Elm	Fair	CELM	7.5,7	11
N	5321	Cedar Elm	Fair	CELM	9.5	9.5
Y	5374	Green Ash	Fair	GASH	9,6	12
Y	5375	Green Ash	Fair	GASH	12	12
Y	5376	Green Ash	Fair	GASH	14	14
Y	3377	Green Ash	Fair	GASH	9	9
Y	3381	Green Ash	Fair	GASH	8	8
N	5261	Pecan	Fair	PCN	8	8
N	5262	Pecan	Fair	PCN	9.5	9.5
Y	1329	Texas Ash	Fair	TASH	11	11
N	1132	Cedar Elm	Fair	CELM	9.5	9.5
N	1139	Cedar Elm	Fair	CELM	8.5	8.5
N	1140	Cedar Elm	Fair	CELM	8	8
N	1141	Cedar Elm	Fair	CELM	8.5	8.5
N	1142	Cedar Elm	Fair	CELM	14	14
N	1194	Cedar Elm	Fair	CELM	10.5	10.5
N	1195	Cedar Elm	Fair	CELM	12	12
N	1196	Cedar Elm	Fair	CELM	12	12
N	1197	Cedar Elm	Fair	CELM	14.5	14.5
N	1198	Cedar Elm	Fair	CELM	9	9
N	1199	Cedar Elm	Fair	CELM	10	10
Y	1301	Cedar Elm	Fair	CELM	10	10
Y	1302	Cedar Elm	Fair	CELM	17.5	17.5
Y	1303	Green Ash	Fair	GASH	15.5	15.5
Y	1304	Cedar Elm	Fair	CELM	13	13
Y	1315	Cedar Elm	Fair	CELM	12.5	12.5
Y	1316	Cedar Elm	Fair	CELM	17.5	17.5
Y	1317	C				

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TREES TO PROTECT - CLASS 2						
Floodplain	TAG #	DESCRIPTION	CONDITION	SPECIES	TRUNK SIZE (IN)	DIAMETER (IN)
Y	7039	Green Ash	Fair	GASH	9.5	9.5
Y	7041	Cedar Elm	Fair	CELM	12	12
Y	7043	Cedar Elm	Fair	CELM	12	12
Y	7044	Osage Orange	Fair	OORANGE	9.8	13
Y	7045	Green Ash	Fair	GASH	10.5	10.5
Y	7046	Osage Orange	Fair	OORANGE	15	15
Y	7047	Green Ash	Fair	GASH	13	13
Y	7050	Green Ash	Fair	GASH	10	10
Y	7051	Osage Orange	Fair	OORANGE	17.5	17.5
Y	7053	Green Ash	Fair	GASH	17.5	17.5
Y	7054	Green Ash	Fair	GASH	14.5	14.5
Y	7055	Cedar Elm	Fair	CELM	17.5	17.5
Y	7056	Cedar Elm	Fair	CELM	9.5,9	14
Y	7057	Cedar Elm	Fair	CELM	12	12
Y	7060	Osage Orange	Fair	OORANGE	9.5	9.5
Y	7061	Green Ash	Fair	GASH	11	11
Y	7062	Green Ash	Fair	GASH	8	8
Y	7063	Green Ash	Fair	GASH	9	9
Y	7064	Green Ash	Fair	GASH	9	9
Y	7065	Green Ash	Fair	GASH	11	11
Y	7066	Green Ash	Fair	GASH	8.5	8.5
Y	7067	Cedar Elm	Fair	CELM	9	9
Y	7068	Cedar Elm	Fair	CELM	9.5	9.5
Y	7071	Osage Orange	Fair	OORANGE	8.5	8.5
Y	7074	Cedar Elm	Fair	CELM	8.5	8.5
Y	7075	Cedar Elm	Fair	CELM	12	12
Y	7076	Gum Bumelia	Fair	GUM	8.5	8.5
Y	7077	Cedar Elm	Fair	CELM	8.5	8.5
Y	7078	Osage Orange	Fair	OORANGE	9.7	12.5
Y	7083	Cedar Elm	Fair	CELM	8	8
Y	7084	Cedar Elm	Fair	CELM	8.5	8.5
Y	7086	Cedar Elm	Fair	CELM	9.5	9.5
Y	8613	Cedar Elm	Fair	CELM	13	13
Y	8616	Cedar Elm	Fair	CELM	15.5	15.5
Y	8617	Cedar Elm	Fair	CELM	5,4,3	8.5
Y	8618	Cedar Elm	Fair	CELM	12.5	12.5
Y	8621	Cedar Elm	Fair	CELM	16	16
Y	8622	Green Ash	Fair	GASH	12.5	12.5
Y	8623	Green Ash	Fair	GASH	11.5	11.5
Y	8624	Green Ash	Fair	GASH	10.5	10.5
Y	8625	Osage Orange	Fair	OORANGE	9.5	9.5
Y	8627	Green Ash	Fair	GASH	10.5	10.5
Y	8628	Cedar Elm	Fair	CELM	10	10
Y	8629	Cedar Elm	Fair	CELM	9.5	9.5
Y	8630	Cedar Elm	Fair	CELM	15	15
Y	8631	Green Ash	Fair	GASH	11.5	11.5
Y	8632	Osage Orange	Fair	OORANGE	12.5	12.5
Y	8633	Green Ash	Fair	GASH	9	9
Y	8634	Green Ash	Fair	GASH	9.5,6	12.5
Y	8636	Cedar Elm	Fair	CELM	16.5	16.5
Y	8637	Cedar Elm	Fair	CELM	11.5	11.5
N	8640	Cedar Elm	Fair	CELM	11.5	11.5
Y	8642	Cedar Elm	Fair	CELM	8.5	8.5
Y	8643	Cedar Elm	Fair	CELM	7.5,7	11
N	8644	Cedar Elm	Fair	CELM	10.5	10.5
N	8645	Cedar Elm	Fair	CELM	14	14
N	8646	Cedar Elm	Fair	CELM	9.5,6,5	12.5
N	8647	Cedar Elm	Fair	CELM	6,5,5	8.5
Y	8648	Osage Orange	Fair	OORANGE	10.5,10,5	15.5
Y	8649	Cedar Elm	Fair	CELM	13.5	13.5
Y	8651	Cedar Elm	Fair	CELM	8.5	8.5
Y	8654	Osage Orange	Fair	OORANGE	8.5	8.5
Y	8656	Cedar Elm	Fair	CELM	9.5	9.5
Y	8658	Cedar Elm	Fair	CELM	11.5	11.5
Y	8660	Cedar Elm	Fair	CELM	14.5	14.5
Y	8661	Cedar Elm	Fair	CELM	14.5	16.5
Y	8663	Cedar Elm	Fair	CELM	14.5	14.5
Y	8664	Cedar Elm	Fair	CELM	8	8
Y	8665	Cedar Elm	Fair	CELM	10	10
Y	8667	Cedar Elm	Fair	CELM	8.5	8.5
Y	8669	Cedar Elm	Fair	CELM	11.5	11.5
Y	8670	Cedar Elm	Fair	CELM	9.5	9.5
Y	8671	Osage Orange	Fair	OORANGE	6,5,4	8.5
N	8674	Osage Orange	Fair	OORANGE	8	8
N	8676	Hackberry	Fair	CELM	10	10
N	8677	Cedar Elm	Fair	CELM	8.5	8.5
N	8678	Cedar Elm	Fair	CELM	13	13
N	8679	Hackberry	Fair	CELM	12	12
N	8681	Cedar Elm	Fair	CELM	8.5	8.5
Y	8684	Green Ash	Fair	GASH	11	11
Y	8687	Green Ash	Fair	GASH	8.5	8.5
Y	8688	Green Ash	Fair	GASH	9.5	9.5
Y	8690	Green Ash	Fair	GASH	12.5	12.5
Y	8693	Green Ash	Fair	GASH	15	15

TREES TO PROTECT - CLASS 2						
Floodplain	TAG #	DESCRIPTION	CONDITION	SPECIES	TRUNK SIZE (IN)	DIAMETER (IN)
Y	8704	Cedar Elm	Fair	CELM	14.5	14.5
Y	8706	Osage Orange	Fair	OORANGE	10	10
Y	8708	Cedar Elm	Fair	CELM	10	10
Y	8709	Green Ash	Fair	GASH	10	10
Y	8710	Osage Orange	Fair	OORANGE	7.5,5,5	10
Y	8711	Green Ash	Fair	GASH	10.5	10.5
Y	8716	Cedar Elm	Fair	CELM	9	9
Y	8717	Osage Orange	Fair	OORANGE	9.5	9.5
Y	8719	Osage Orange	Fair	OORANGE	6,4	8
Y	8721	Osage Orange	Fair	OORANGE	6,5,3,3	11.5
Y	8723	Cedar Elm	Fair	CELM	14	14
Y	8725	Cedar Elm	Fair	CELM	16	16
Y	8726	Cedar Elm	Fair	CELM	8	8
N	8728	Cedar Elm	Fair	CELM	17.5	17.5
Y	8729	Cedar Elm	Fair	CELM	16.5	16.5
Y	8731	Green Ash	Fair	GASH	13	13
Y	8733	Cedar Elm	Fair	CELM	6,4	8
Y	8734	Cedar Elm	Fair	CELM	8,5,5	10.5
Y	8735	Cedar Elm	Fair	CELM	10	10
N	5274	Cedar Elm	Fair	CELM	14.5	14.5
N	5275	Cedar Elm	Fair	CELM	12	12
N	5280	Cedar Elm	Fair	CELM	11.5	11.5
N	5295	Cedar Elm	Fair	CELM	8.5	8.5
N	5296	Cedar Elm	Fair	CELM	12	12
N	5297	Cedar Elm	Fair	CELM	14	14
N	5298	Cedar Elm	Fair	CELM	10.5	10.5
N	5344	Cedar Elm	Fair	CELM	8	8
N	5345	Cedar Elm	Fair	CELM	9	9
N	5347	Cedar Elm	Fair	CELM	8.5	8.5
N	5348	Cedar Elm	Fair	CELM	8.5	8.5
N	5349	Cedar Elm	Fair	CELM	10,3,5	11.5
N	5350	Cedar Elm	Fair	CELM	12	12
N	5357	Cedar Elm	Fair	CELM	8	8
N	5358	Cedar Elm	Fair	CELM	15	15
N	1337	Cedar Elm	Fair	CELM	17.5	17.5
N	1350	Cedar Elm	Fair	CELM	14	14
N	1352	Cedar Elm	Fair	CELM	17.5	17.5
N	1353	Cedar Elm	Fair	CELM	11	11
N	1361	Cedar Elm	Fair	CELM	11	11
N	2901	Cedar Elm	Fair	CELM	8	8
N	2902	Cedar Elm	Fair	CELM	8	8
N	2903	Cedar Elm	Fair	CELM	8	8
N	2904	Cedar Elm	Fair	CELM	8	8
N	2905	Cedar Elm	Fair	CELM	8	8
N	905	Cedar Elm	Fair	CELM	8	8
Y	8695	Green Ash	Fair	GASH	8.5	8.5
Y	8698	Green Ash	Fair	GASH	10	10
Y	8699	Cedar Elm	Fair	CELM	17	17
N	7097	Hackberry	Fair	HK	9.5	9.5
Y	8701	Green Ash	Fair	GASH	10,10	15
Y	8703	Osage Orange	Fair	OORANGE	6,5	8.5
Y	7009	Cedar Elm	Good	CELM	13.5	13.5
Y	7015	Green Ash	Good	GASH	13.5	13.5
Y	1395	Cedar Elm	Good	CELM	12	12
N	7091	Cedar Elm	Good	CELM	13	13
Y	915	Cedar Elm	Good	CELM	10.5	10.5
N	5319	Chinaberry	Invasive	CB	9,5,6	12.5
N	10001	Hackberry	Off Property	HK	13	13
N	10002	Hackberry	Off Property	HK	11	11
N	10003	Hackberry	Off Property	HK	10	10
N	10004	Hackberry	Off Property	HK	11	11
N	10005	Hackberry	Off Property	HK	13	13
N	10006	Cedar Elm	Off Property	CELM	12	12
N	10007	Hackberry	Off Property	HK	9	9
N	10008	Hackberry	Off Property	HK	12	12
N	10009	Cedar Elm	Off Property	CELM	12	12
N	10010	Hackberry	Off Property	HK	13	13
N	10012	Cedar Elm	Off Property	CELM	15	15
N	10019	Cedar Elm	Off Property	CELM	16	16
Y	10020	Cedar Elm	Off Property	CELM	17	17
Y	10021	Cedar Elm	Off Property	CELM	16.5	16.5
N	10022	Cedar Elm	Off Property	CELM	9	9
N	10023	Hackberry	Off Property	HK	15	15
N	10024	Hackberry	Off Property	HK	13	13
Y	10025	Hackberry	Off Property	HK	9.5	9.5
N	10026	Hackberry	Off Property	HK	9	9
N	10027	Hackberry	Off Property	HK	10	10
N	10028	Hackberry	Off Property	HK	10.5	10.5
N	10029	Hackberry	Off Property	HK	10	10
N	10030	Hackberry	Off Property	HK	11	11

TREES TO PROTECT - CLASS 2						
Floodplain	TAG #	DESCRIPTION	CONDITION	SPECIES	TRUNK SIZE (IN)	DIAMETER (IN)
Y	2982	Cedar Elm	Dead	CELM	10	10
Y	2999	Green Ash	Dead	GASH	12	12
Y	3382	Cedar Elm	Very Poor	CELM	16	16
N	5299	Cedar Elm	Very Poor	CELM	11	11
N	5322	Cedar Elm	Very Poor	CELM	8.5	8.5
Y	3379	Green Ash	Very Poor	GASH	10	10
Y	912	Texas Ash	Very Poor	TASH	9	9
Y	1367	Osage Orange	Very Poor	OORANGE	10	10
Y	2875	Cedar Elm	Very Poor	CELM	13.5	13.5
Y	2892	Green Ash	Very Poor	GASH	10	10
N	2927	Cedar Elm	Very Poor	CELM	13.5	13.5
Y	2944	Cedar Elm	Very Poor	CELM	9.5	9.5
Y	2992	Green Ash	Very Poor	GASH	11.5	11.5
Y	2993	Green Ash	Very Poor	GASH	9.5	9.5
Y	3346	Hackberry	Very Poor	HK	14	14
Y	3360	Hackberry	Very Poor	HK	8	8
Y	5332	Cedar Elm	Very Poor	CELM	15.5	15.5
Y	5364	Green Ash	Very Poor	GASH	8	8
Y	5372	Cedar Elm	Very Poor	CELM	14.5	14.5
Y	5375	Cedar Elm	Very Poor	CELM	14	14
Y	5381	Green Ash	Very Poor	GASH	10.5	10.5
Y	5385	Cedar Elm	Very Poor	CELM	15	15
Y	7082	Hackberry	Very Poor	HK	8.5	8.5
Y	7085	Hackberry	Very Poor	HK	13	13
Y	7335	Cedar Elm	Very Poor	CELM	13	13
N	904	Hackberry	Fair	HK	8	8
Y	8635	Osage Orange	Very Poor	OORANGE	10	10
N	8639	Cedar Elm	Very Poor	CELM	11	11
N	8641	Cedar Elm	Very Poor	CELM	10.5	10.5
Y	8650	Cedar Elm	Very Poor	CELM	13.5	13.5
Y	8655	Cedar Elm	Very Poor	CELM	9.5	9.5
Y	8672	Cedar Elm	Very Poor	CELM	9.5	9.5
N	8675	Cedar Elm	Very Poor	CELM	11.5	11.5
N	8680	Cedar Elm	Very Poor	CELM	9	9
Y	8686	Cedar Elm	Very Poor	CELM	14.5	14.5
Y	8694	Green Ash	Very Poor	GASH	12	12
Y	8385	Cedar Elm	Very Poor	CELM	16	16
Y	8705	Osage Orange	Very Poor	OORANGE	9,5,6,5	15
Y	8712	Osage Orange	Very Poor	OORANGE	14.5	14.5
Y	8713	Cedar Elm	Very Poor	CELM	13	13
Y	8715	Cedar Elm	Very Poor	CELM	8	8
Y	8727	Cedar Elm	Very Poor	CELM	14.5	14.5
Y	8732	Cedar Elm	Very Poor	CELM	11	11
Y	8736	Cedar Elm	Very Poor	CELM	14.5	14.5
Y	8737	Cedar Elm	Very Poor	CELM	8,5,5	10.5
Y	8696	Green Ash	Very Poor	GASH	15	15
N	5343	Green Ash	Very Poor	GASH	9.5	9.5
N	7095	Hackberry	Very Poor	HK	13	13
N	5301	Cedar Elm	Poor	CELM	8	8
Y	3373	Green Ash	Poor	GASH	11	11
Y	3380	Green Ash	Poor	GASH	13	13
Y	907	Cedar Elm	Poor	CELM	17	17</

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TREES TO REMOVE - CLASS 2					
Floodplain	TAG #	DESCRIPTION	CONDITION	SPECIES	TRUNK SIZE (IN) DIAMETER (IN)
N	5233	Chinaberry	Invasive	CB	8 8
N	1173	Chinaberry	Invasive	CB	11,6 14
N	1311	Chinaberry	Invasive	CB	9.5 9.5
N	10015	Cedar Elm	Off Property	CELM	17 17
N	10017	Cedar Elm	Off Property	CELM	14.5 14.5
N	10018	Cedar Elm	Off Property	CELM	13.5 13.5
N	5246	Cedar Elm	Very Poor	CELM	14 14
N	7170	Hackberry	Very Poor	HK	8.5 8.5
N	7179	Hackberry	Very Poor	HK	14 14
N	7183	Hackberry	Very Poor	HK	8.5 8.5
N	7184	Hackberry	Very Poor	HK	11.5 11.5
N	1111	Cedar Elm	Very Poor	CELM	15 15
N	1307	Cedar Elm	Very Poor	CELM	16 16
N	5229	Hackberry	Very Poor	HK	13.5 13.5
N	5255	Cedar Elm	Poor	CELM	9 9
N	7169	Hackberry	Poor	HK	9 9
N	1106	Cedar Elm	Poor	CELM	14.5 14.5
N	1113	Cedar Elm	Poor	CELM	17.5 17.5
N	1110	Hackberry	Fair	HK	11.5 11.5
N	1116	Hackberry	Fair	HK	8.5 8.5
N	1137	Hackberry	Fair	HK	9.5 9.5
N	1146	Hackberry	Fair	HK	11 11
N	1147	Hackberry	Fair	HK	11 11
N	1148	Hackberry	Fair	HK	8 8
N	1154	Hackberry	Fair	HK	8.5 8.5
N	1155	Hackberry	Fair	HK	8 8
N	1156	Hackberry	Fair	HK	8.7,5 11.5
N	1157	Hackberry	Fair	HK	8.5 8.5
N	1158	Hackberry	Fair	HK	8.5,6,5 11.5
N	1160	Hackberry	Fair	HK	11.5 11.5
N	1161	Hackberry	Fair	HK	14 14
N	1163	Hackberry	Fair	HK	12 12
N	1172	Hackberry	Fair	HK	9.5 9.5
N	1308	Hackberry	Fair	HK	12.5 12.5
N	2938	Hackberry	Fair	HK	9.5 9.5
N	2939	Hackberry	Fair	HK	13.5 13.5
N	5226	Hackberry	Fair	HK	9.5 9.5
N	5228	Hackberry	Fair	HK	9 9
N	7313	Hackberry	Fair	HK	14,6 17
N	7314	Hackberry	Fair	HK	11,10 16
N	7315	Hackberry	Fair	HK	7,5,7 11
N	7316	Hackberry	Fair	HK	8,7 11.5
N	7317	Hackberry	Fair	HK	14.5 14.5
N	7318	Hackberry	Fair	HK	12,11 17.5
N	7319	Hackberry	Fair	HK	10,7,5 13.5
N	7321	Hackberry	Fair	HK	9 9
N	7325	Hackberry	Fair	HK	8.5 8.5
N	5236	Hackberry	Fair	HK	13 13
N	5251	Hackberry	Fair	HK	8.5 8.5
N	5253	Hackberry	Fair	HK	8 8
N	5254	Hackberry	Fair	HK	8 8
N	5256	Hackberry	Fair	HK	8.5 8.5
N	5257	Hackberry	Fair	HK	8.5 8.5
N	5258	Hackberry	Fair	HK	8.5 8.5
N	5259	Hackberry	Fair	HK	10.5 10.5
N	7098	Hackberry	Fair	HK	10 10
N	7167	Hackberry	Fair	HK	16 16
N	7168	Hackberry	Fair	HK	8.5 8.5
N	7171	Hackberry	Fair	HK	10,5,6,5 13.5
N	7172	Hackberry	Fair	HK	12 12
N	7174	Hackberry	Fair	HK	10.5 10.5
N	7175	Hackberry	Fair	HK	11 11
N	7178	Hackberry	Fair	HK	11 11
N	7181	Hackberry	Fair	HK	8 8
N	7182	Hackberry	Fair	HK	8.5 8.5
N	7185	Hackberry	Fair	HK	9.5 9.5
N	7186	Hackberry	Fair	HK	13.5 13.5
N	7187	Hackberry	Fair	HK	8 8
N	7188	Hackberry	Fair	HK	8 8
N	7189	Hackberry	Fair	HK	15.5 15.5
N	7190	Hackberry	Fair	HK	8.5 8.5
N	7191	Hackberry	Fair	HK	8 8
N	7192	Hackberry	Fair	HK	11.5 11.5
N	7193	Hackberry	Fair	HK	9.5 9.5
N	7194	Hackberry	Fair	HK	10 10
N	7310	Hackberry	Fair	HK	8.5 8.5
N	7311	Hackberry	Fair	HK	14 14
N	5230	Cedar Elm	Fair	CELM	15 15
N	5231	Cedar Elm	Fair	CELM	13.5 13.5
N	5237	Cedar Elm	Fair	CELM	17 17
N	5238	Cedar Elm	Fair	CELM	11 11
N	5239	Cedar Elm	Fair	CELM	13.5 13.5
N	5240	Cedar Elm	Fair	CELM	9.5 9.5
N	5241	Osage Orange	Fair	OORANGE	6,5 8.5

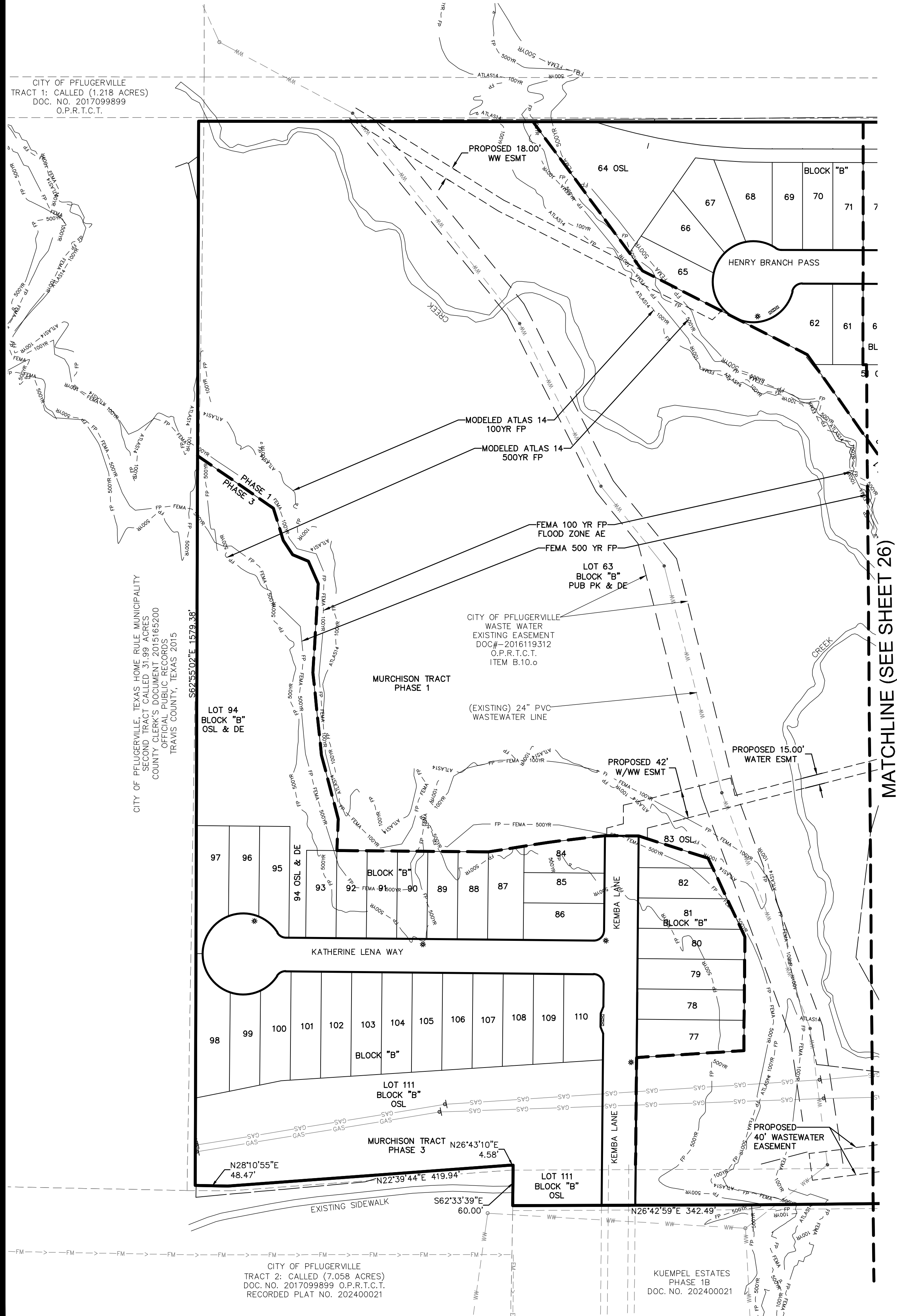
TREES TO REMOVE - CLASS 2					
Floodplain	TAG #	DESCRIPTION	CONDITION	SPECIES	TRUNK SIZE (IN) DIAMETER (IN)
N	5242	Cedar Elm	Fair	CELM	15 15
N	5243	Cedar Elm	Fair	CELM	12 12
N	5244	Cedar Elm	Fair	CELM	9.5 9.5
N	5245	Cedar Elm	Fair	CELM	8.5 8.5
N	5247	Cedar Elm	Fair	CELM	13 13
N	5252	Cedar Elm	Fair	CELM	5,5,5,4 10
N	5260	Cedar Elm	Fair	CELM	11.5 11.5
N	5281	Cedar Elm	Fair	CELM	10 10
N	7180	Cedar Elm	Fair	CELM	10 10
N	7197	Cedar Elm	Fair	CELM	11.5 11.5
N	1102	Cedar Elm	Fair	CELM	8,6 11
N	1103	Cedar Elm	Fair	CELM	17.5 17.5
N	1104	Cedar Elm	Fair	CELM	15.5 15.5
N	1105	Cedar Elm	Fair	CELM	15 15
N	1108	Cedar Elm	Fair	CELM	13.5 13.5
N	1109	Cedar Elm	Fair	CELM	16.5 16.5
N	1112	Cedar Elm	Fair	CELM	17 17
N	1115	Cedar Elm	Fair	CELM	17.5 17.5
N	1124	Cedar Elm	Fair	CELM	13 13
N	1129	Cedar Elm	Fair	CELM	10 10
N	1137	Cedar Elm	Fair	CELM	10 10
N	1134	Cedar Elm	Fair	CELM	8 8
N	1135	Cedar Elm	Fair	CELM	12.5 12.5
N	1136	Cedar Elm	Fair	CELM	10,5,8,6 17.5
N	1159	Cedar Elm	Fair	CELM	8.5 8.5
N	1162	Osage Orange	Fair	OORANGE	9,5,6,5,4,5 15
Y	8601	Cedar Elm	Fair	CELM	13 13
N	1178	Cedar Elm	Fair	CELM	10.5 10.5
N	1179	Cedar Elm	Fair	CELM	9 9
N	1180	Cedar Elm	Fair	CELM	9 9
N	1181	Cedar Elm	Fair	CELM	8.5 10.5
N	1182	Cedar Elm	Fair	CELM	9.5 9.5
N	1183	Cedar Elm	Fair	CELM	9 9
N	1185	Cedar Elm	Fair	CELM	11 11
N	1186	Cedar Elm	Fair	CELM	10,7,5 13.5
N	1200	Cedar Elm	Fair	CELM	17.5 17.5
N	1305	Cedar Elm	Fair	CELM	16 16
N	1309	Cedar Elm	Fair	CELM	15.5 15.5
N	2937	Cedar Elm	Fair	CELM	10 10
N	5225	Mesquite	Fair	MQ	11.5 11.5
N	5227	Gum Bumelia	Fair	GUM	9.5 9.5
N	1169	Cedar Elm	Fair	CELM	11 11
N	1170	Cedar Elm	Fair	CELM	9 9
N	1171	Cedar Elm	Fair	CELM	8 8
N	1174	Cedar Elm	Fair	CELM	14.5 14.5
N	1175	Cedar Elm	Fair	CELM	9 9
N	1176	Cedar Elm	Fair	CELM	9,6 13
N	1177	Cedar Elm	Fair	CELM	12 12
N	1165	Cedar Elm	Fair	CELM	8 8
N	1166	Cedar Elm	Fair	CELM	12.5 12.5
N	1167	Cedar Elm	Fair	CELM	11 11
N	1168	Cedar Elm	Fair	CELM	6,5,6,5 9.5
N	5282	Cedar Elm	Good	CELM	16 16
N	7309	Cedar Elm	Good	CELM	9.5 9.5
N	5277	Cedar Elm	Fair	CELM	11.5 11.5
N	5278	Cedar Elm	Fair	CELM	13.5 13.5
N	5279	Cedar Elm	Fair	CELM	15 15
N	5286	Cedar Elm	Good	CELM	9.5 9.5
N	5287	Cedar Elm	Fair	CELM	9.5 9.5
N	5288	Cedar Elm	Fair	CELM	11.5 11.5
N	5289	Cedar Elm	Fair	CELM	9 9
N	5290	Cedar Elm	Fair	CELM	8 8
N	5291	Cedar Elm	Fair	CELM	9 9
N	5292	Cedar Elm	Fair	CELM	8 8
N	5293	Cedar Elm	Fair	CELM	8.5 8.5
N	5294	Cedar Elm	Fair	CELM	7,5,3 9
N	1187	Cedar Elm	Fair	CELM	8 8
N	1188	Cedar Elm	Fair	CELM	9 9
N	1189	Cedar Elm	Fair	CELM	11.5 11.5
N	1190	Cedar Elm	Fair	CELM	10.5 10.5
N	1138	Cedar Elm	Fair	CELM	8 8
N	5283	Osage Orange	Fair	OORANGE	7,6 10
N	5284	Osage Orange	Fair	OORANGE	8 8
Y	8700	Green Ash	Fair	GASH	12 12
Y	7339	Hackberry	Fair	HK	10 10
Y	7340	Hackberry	Very Poor	HK	8.5 8.5
TOTAL CLASS 2 MITIGATION					934

TREES TO PROTECT - CLASS 3					
Floodplain	TAG #	DESCRIPTION	CONDITION	SPECIES	TRUNK SIZE (IN) DIAMETER (IN)
N	10011	Cedar Elm	Off Property	CELM	16,13 22.5
N	10014	Cedar Elm	Off Property	CELM	21 21
N	10031	White Mulberry	Off Property	WMULBERRY	18 18
N	1359	Cedar Elm	Very Poor	CELM	21 21
Y	2876	Osage Orange	Very Poor	OORANGE	22 22
Y	3350	Hackberry	Very Poor	HK	18.5 18.5
N	5305	Mesquite	Very Poor	MQ	20 20
N	5306	Cedar Elm	Very Poor	CELM	18 18
N	7049	Black Willow	Very Poor	BW	23 23
N	7059	Osage Orange	Very Poor	OORANGE	17,11 22.5
Y	7081	Green Ash	Very Poor	GASH	15,8 19
N	7332	Hackberry	Very Poor	HK	16,5,7,5 20
Y	8610	Cedar Elm	Very Poor	CELM	21.5 21.5
Y	1313	Cedar Elm	Poor	CELM	13,11,5 18
Y	7023	Cedar Elm	Poor	CELM	23 23
Y	7033	Cedar Elm	Poor	CELM	14,5,13 21
N	7073	Cedar Elm	Poor	CELM	19.5 19.5
Y	8603	Cedar Elm	Poor	CELM	14,8 18
Y	8607	Cedar Elm	Poor	CELM	21 21
N	8626	Osage Orange	Poor	OORANGE	11,12,6 20
Y	3371	Hackberry	Fair	HK	9,5,9,8 18
N	5307	Hackberry	Fair	HK	12,5,11,8 22
N	8707	Black Willow	Fair	BW	13,5,13,5 21
Y	8720	Black Willow	Fair	WILL	13,13 20.5
N	2896	Cedar Elm	Good	CELM	20 20
Y	7032	Cedar Elm	Good	CELM	20 20
N	1120	Cedar Elm	Fair	CELM	18 18
N	1121	Cedar Elm	Fair	CELM	21.5 21.5
N	1127	Cedar Elm	Fair	CELM	18 18
N	1191	Cedar Elm	Fair	CELM	20 20
Y	1314	Cedar Elm	Fair	CELM	20.5 20.5
Y	1327	Cedar Elm	Fair	CELM	18 18
Y	1333	Cedar Elm	Fair	CELM	21.5 21.5
N	1336	Cedar Elm	Fair	CELM	13,10 18
Y	1347	Cedar Elm	Fair	CELM	16,8 20
N	1382	Osage Orange	Fair	OORANGE	16,10 21
Y	2877	Cedar Elm	Fair	CELM	19 19
N	2897	Cedar Elm	Fair	CELM	16,15 23.5
N	2899	Cedar Elm	Fair	CELM	15,13,5 21.5
N	2906	Cedar Elm	Fair	CELM	21.5 21.5
Y	2923	Cedar Elm	Fair	CELM	18 18
Y	2963	Cedar Elm	Fair	CELM	15,15 22.5
Y	3000	Cedar Elm	Fair	CELM	18.5 18.5
Y	3343	Cedar Elm	Fair	CELM	15,13,5 21.5
Y	3344	Cedar Elm	Fair	CELM	16,14,5 23
N	3352	Cedar Elm	Fair	CELM	18 18
N	5285	Cedar Elm	Fair	CELM	20 20
N	5323	Cedar Elm	Fair	CELM	18 18
N	5369	Cedar Elm	Fair	CELM	19.5 19.5
N	5370	Cedar Elm	Fair	CELM	20 20
N	5373	Cedar Elm	Fair	CELM	18 18
Y	5389	Cedar Elm	Fair	CELM	19 19
N	7002	Cedar Elm	Fair	CELM	19 19
Y	7008	Cedar Elm	Fair	CELM	21.5 21.5
N	7040	Cedar Elm	Fair	CELM	18 18
N	7042	Cedar Elm	Fair	CELM	18 18
N	7052	Green Ash	Fair	GASH	23 23
N	7080	Cedar Elm	Fair	CELM	19.5 19.5
N	7338	Cedar Elm	Fair	CELM	21.5 21.5
Y	8604	Cedar Elm	Fair	CELM	19 19
Y	8606	Cedar Elm	Fair	CELM	19 19
Y	8609	Cedar Elm	Fair	CELM	20.5 20.5
Y	8614	Cedar Elm	Fair	CELM	19.5 19.5
Y	8620	Texas Ash	Fair	TASH	18,11 23
N	8662	Cedar Elm	Fair	CELM	18 18
N	8666	Cedar Elm	Fair	CELM	23 23
Y	8668	Cedar Elm	Fair	CELM	18.5 18.5
Y	8718	Cedar Elm	Fair	CELM	18 18
N	1360	Cedar Elm	Fair	CELM	18 18
TOTAL CLASS 3 INCHES TO PROTECT					1790

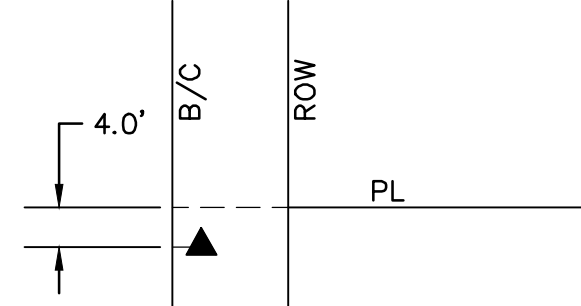
MURCHISON PRELIMINARY PLAN				
	Inches	Class	Fee	
Removal Mitigation Fees:	934	2	\$ 150.00	\$ 140,100.00
	513	3	\$ 300.00	\$ 153,900.00
	0	4	\$ 375.00	\$ -
	76.5	5	\$ 450.00	\$ 34,425.00
				\$ 328,425.00
Protection Bond:	5244	2	\$ 150.00	\$ 786,600.00
	1790	3	\$ 300.00	\$ 537,000.00
	0	4	\$ 375.00	\$ -
	78	5	\$ 450.00	\$ 35,100.00
			\$ 1,358,700.00	

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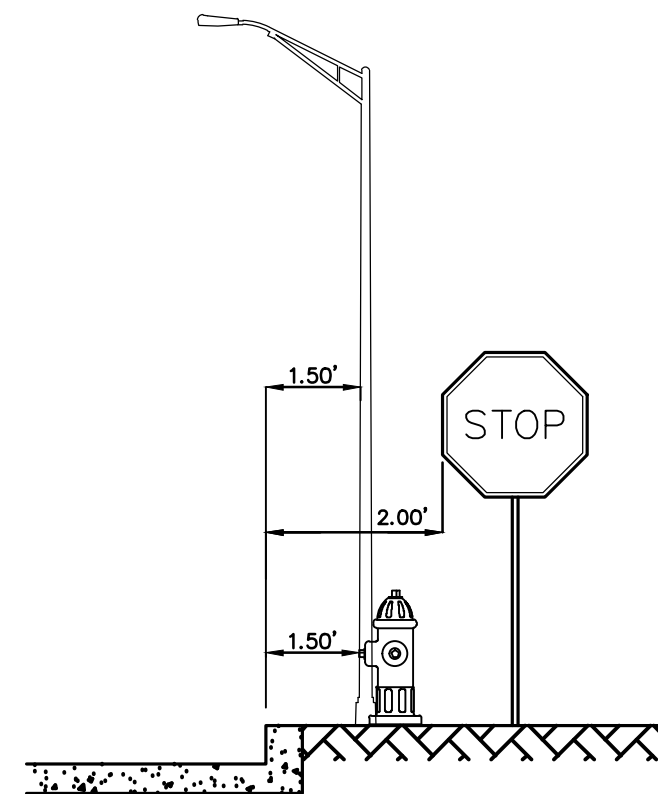
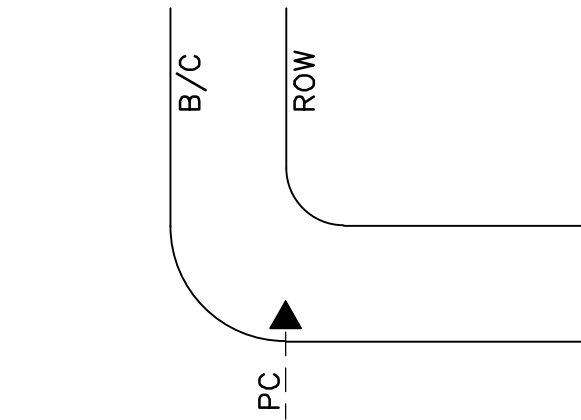
THIS DOCUMENT HAS BEEN PRODUCED FROM MATERIAL THAT WAS STORED AND/OR TRANSMITTED ELECTRONICALLY AND MAY HAVE BEEN INADVERTENTLY ALTERED. RELY ONLY ON FINAL HARDCOPY MATERIALS BEARING THE CONSULTANT'S ORIGINAL SIGNATURE AND SEAL.



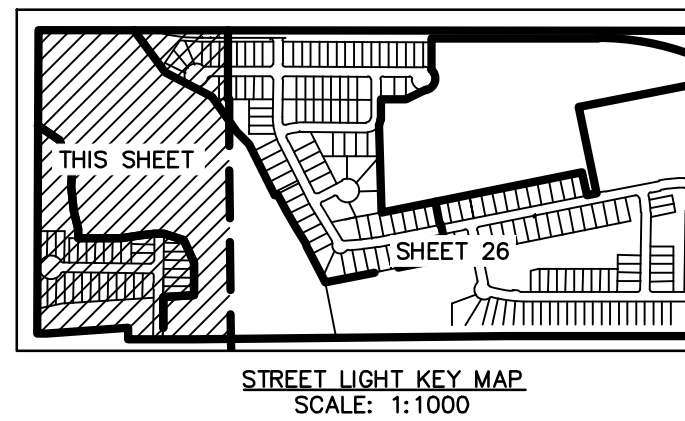
STREET LIGHTS AT PROPERTY LINES SHALL
BE LOCATED 4.0' FROM EXTENSIONS OF
PROPERTY LINE ALONG CURB LINE. SEE
DETAIL BELOW AND STREET LIGHT NOTE 5.



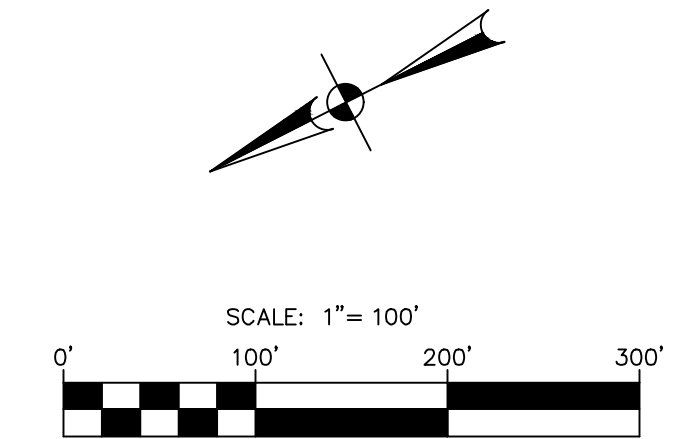
STREET LIGHTS AT INTERSECTIONS SHALL
BE LOCATED AT THE P.C. OF THE CURB
RETURN. STREET LIGHT LOCATION SHALL
NOT CONFLICT OR BLOCK STREET SIGNAGE
OR SIDEWALK RAMPS. SEE DETAIL BELOW.



SIGN PLACEMENT



STREET LIGHT KEY MAP
SCALE: 1:1000



LEGEND

- BOUNDARY
- PHASING BOUNDARY
- PROPOSED NEIGHBORHOOD MAIL BOX
- PROPOSED STREET LIGHT
- FEMA 100YR FLOODPLAIN
- FEMA 500YR FLOODPLAIN
- ATLAS 14 100YR FLOODPLAIN
- ATLAS 14 500YR FLOODPLAIN

NOTES

- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- PROPOSED STREET LIGHT LOCATIONS ARE SUBJECT TO CHANGE WITH THE SUBDIVISION CONSTRUCTION PLANS.
- PROPOSED STREET LIGHTS SHALL BE LED AND DOWNCAST/FULL CUT OFF TYPE.

STREET LIGHT NOTES:

- STREET LIGHTS SHALL BE PROVIDED IN ACCORDANCE WITH THE ENGINEERING DESIGN MANUAL.
- STREET LIGHTS SHALL USE A LED LAMP WITH A FULL CUTOFF TYPE LUMINAIRE. A DROP DOWN COBRA HEAD LENSE IS PROHIBITED.
- STREET LIGHT LOCATIONS ON THIS SHEET ARE FOR INFORMATION PURPOSE ONLY.
- STREET LIGHTS SHALL NOT BE CONSTRUCTED IN THE SIDEWALK.
- STREET LIGHTS SHALL BE OFFSET 4 FEET MINIMUM FROM PROPOSED UTILITIES AS TO NOT BE AN OBSTRUCTION.

NO.	REVISION	DATE



**PAPE-DAWSON
ENGINEERS**

AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
18001 N. MOPEC EXPY., BLDG. 3, STE. 200 | AUSTIN, TX 78759 | 512.654.8711
TYPE FIRM REGISTRATION #470 | TYPE FIRM REGISTRATION #10058601

MURCHISON TRACT
PRELIMINARY PLAN ONLY
CITY OF PFLUGERVILLE, TEXAS
STREET LIGHT LAYOUT (2 OF 2)

CITY NO. 2023-8-PP
JOB NO. 51387-00
DATE JUNE 2024
DESIGNER NJD
CHECKED AC DRAWN NJD
SHEET 27 of 27