GENERAL PLAN NOTES:

- 1. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WIT THE REGISTERED PROFESSIONAL ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER
- 2. NO PORTION OF THIS SITE IS LOCATED WITHIN THE 100-YEAR FLOODPLAIN FIRM PANEL NO. 48209C0236F, TRAVIS COUNTY, TEXAS AND INCORPORATED AREAS (EFFECTIVE DATE SEPTEMBER 2, 2005).
- 3. WATER AND WASTEWATER SERVICE WILL BE PROVIDED BY AQUA TEXAS. CONDITIONED UPON ALL FEES AND CHARGES ARE PAID.
- 4. THERE ARE NO KNOWN CRITICAL ENVIRONMENTAL FEATURES ON THIS SITE
- RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS.
- 6. THIS SITE IS LOCATED IN THE EDWARDS AQUIFER CONTRIBUTING ZONE.
- 7. APPROVAL OF THESE PLANS BY THE CITY OF WOODCREEK INDICATES COMPLIANCE WITH APPLICABLE CITY REGULATIONS ONLY. APPROVAL BY OTHER GOVERNMENTAL ENTITIES MAY BE REQUIRED PRIOR TO THE START OF CONSTRUCTION. THE APPLICANT IS RESPONSIBLE FOR DETERMINING WHAT ADDITIONAL APPROVALS MAY BE NECESSARY.

OWNER/DEVELOPER NAME AND ADDRESS MODERN HOMESTEAD, LLC 9900 SPECTRUM DRIVE AUSTIN, TX 78717

ZONING: SF-1

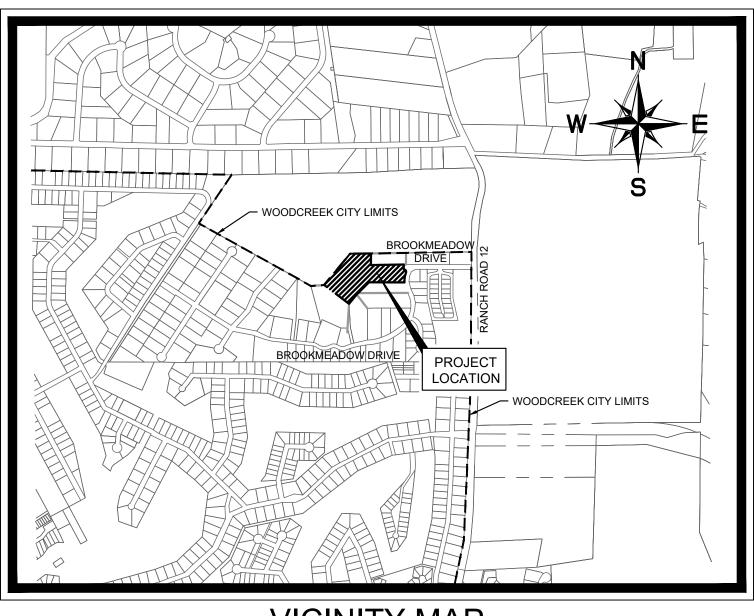
CERTIFICATE OF REGISTRATION #928

LEGAL DESCRIPTION: BROOKMEADOW SEC 6, LOT PT 12, ACRES 5.032



Tel. No. (512) 418-177 Fax No. (512) 418-1791

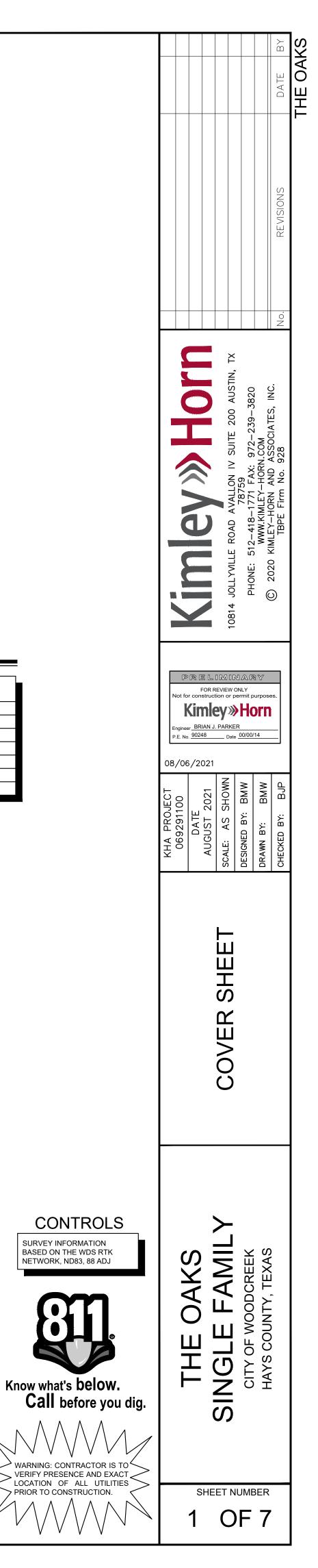
# PRELIMINARY PLAT FOR THE OAKS 7 BROOKMEADOW DRIVE WOODCREEK, TEXAS 78676

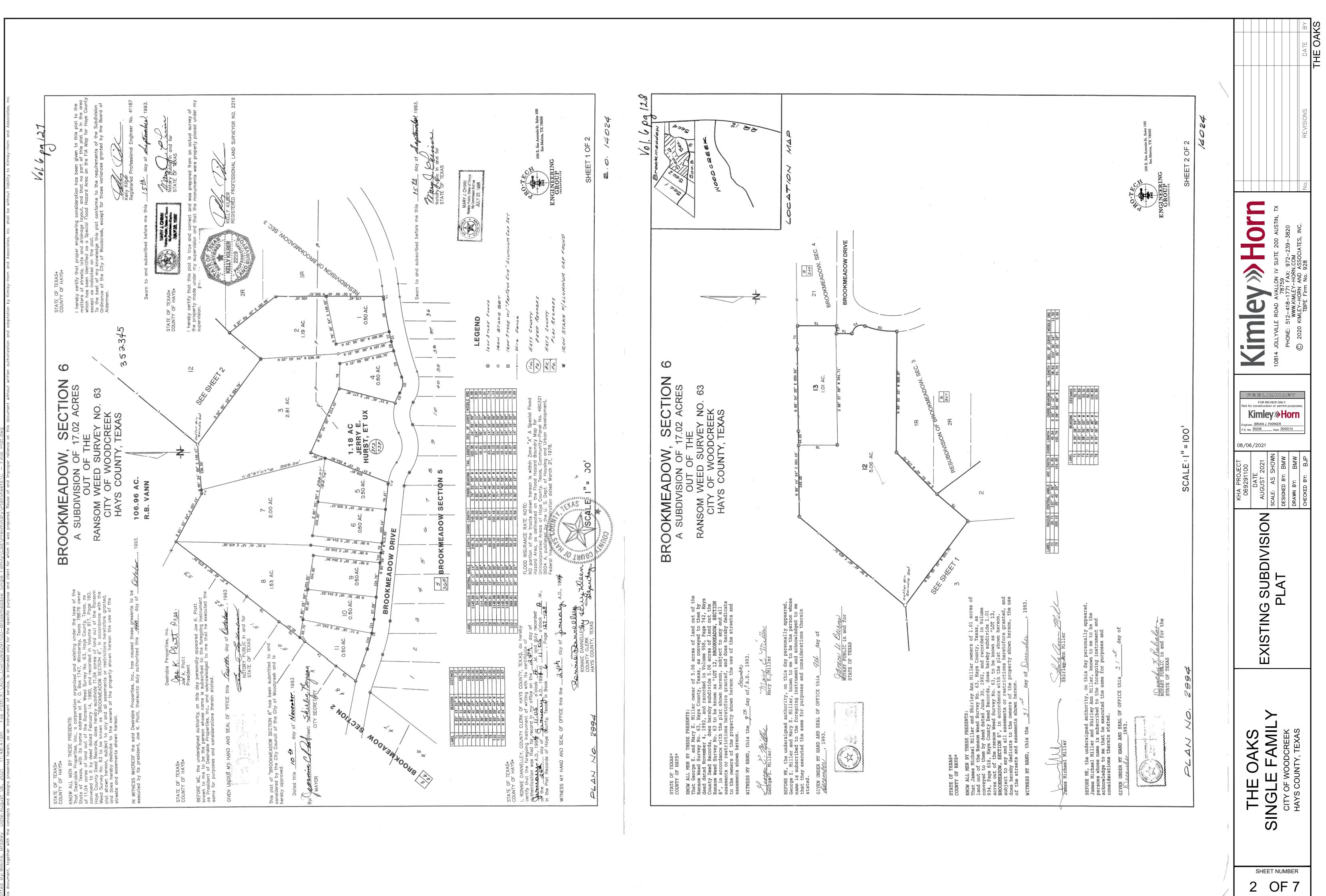


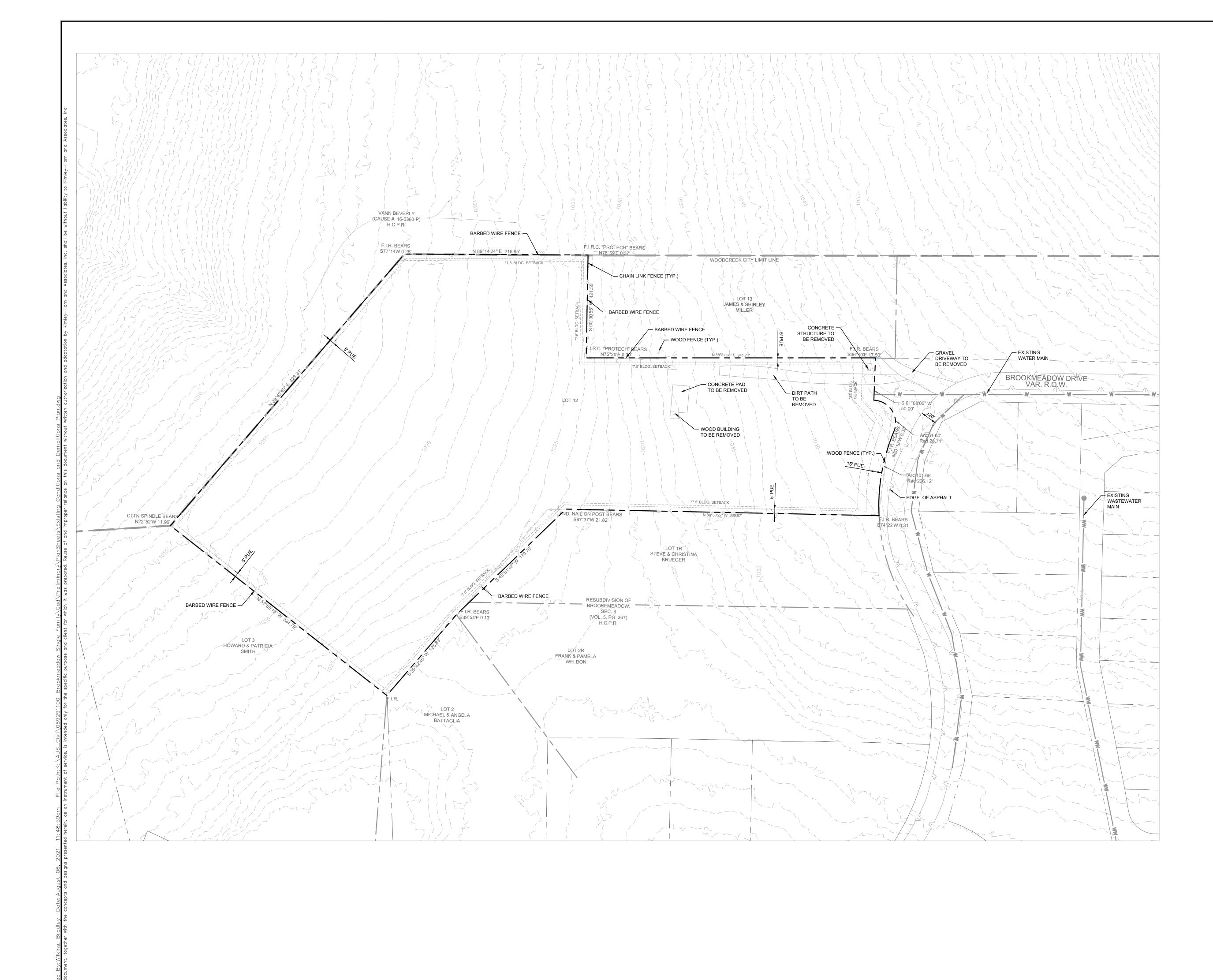
## VICINITY MAP SCALE: 1" = 1,000' **AUGUST 2021**

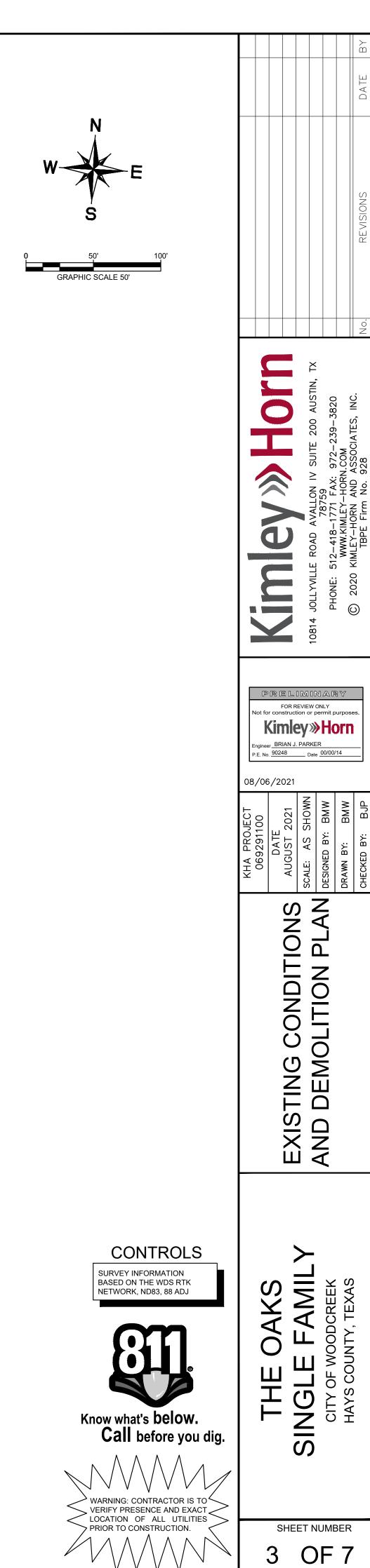
#### SHEET INDEX

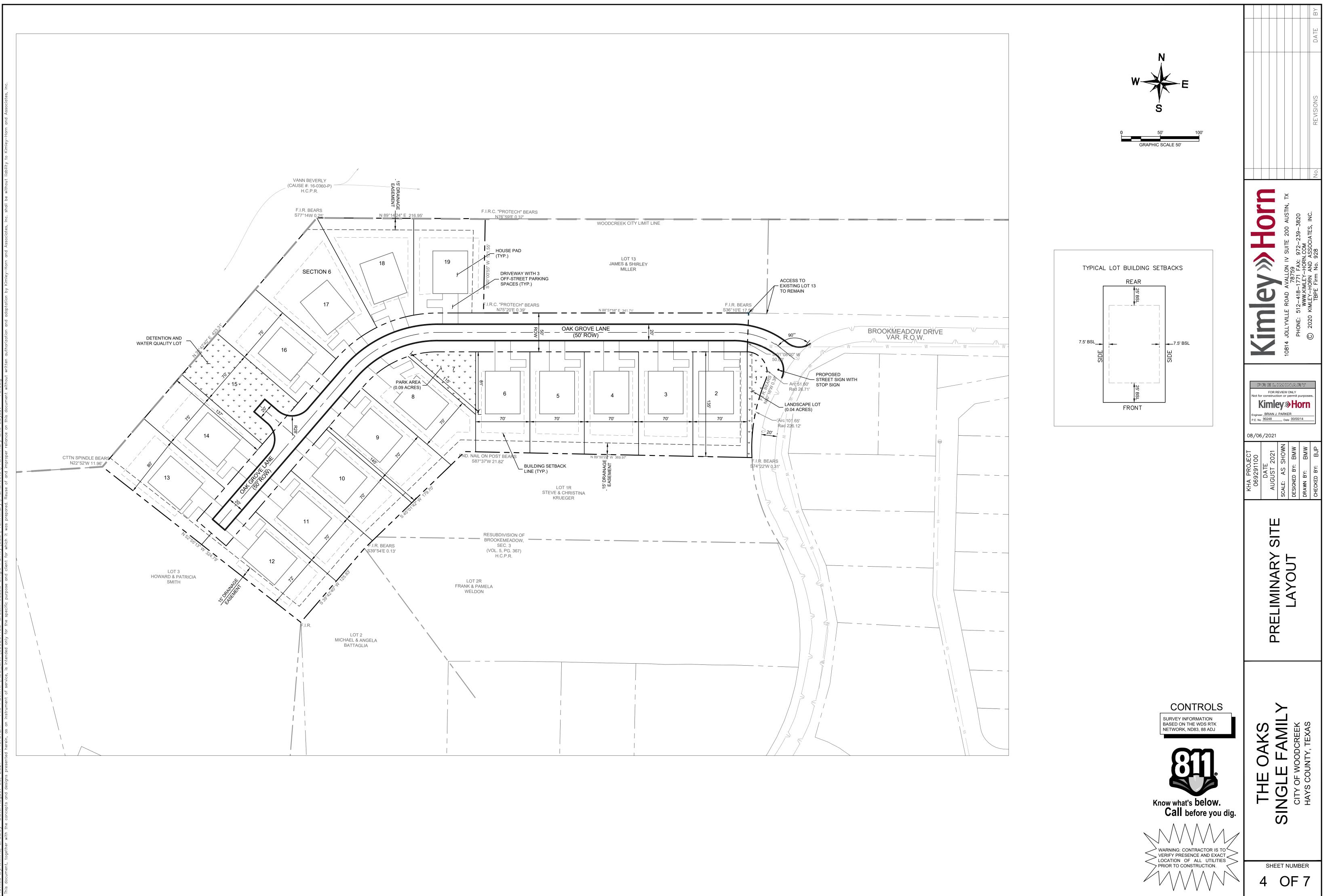
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	FINAL PLAT
3	EXISTING CONDITIONS AND DEMOLITION PLAN
4	PRELIMINARY SITE LAYOUT
5	PRELIMINARY UTILITY LAYOUT
6	PRELIMINARY STORM LAYOUT
7	PRELIMINARY DRAINAGE AREA MAP

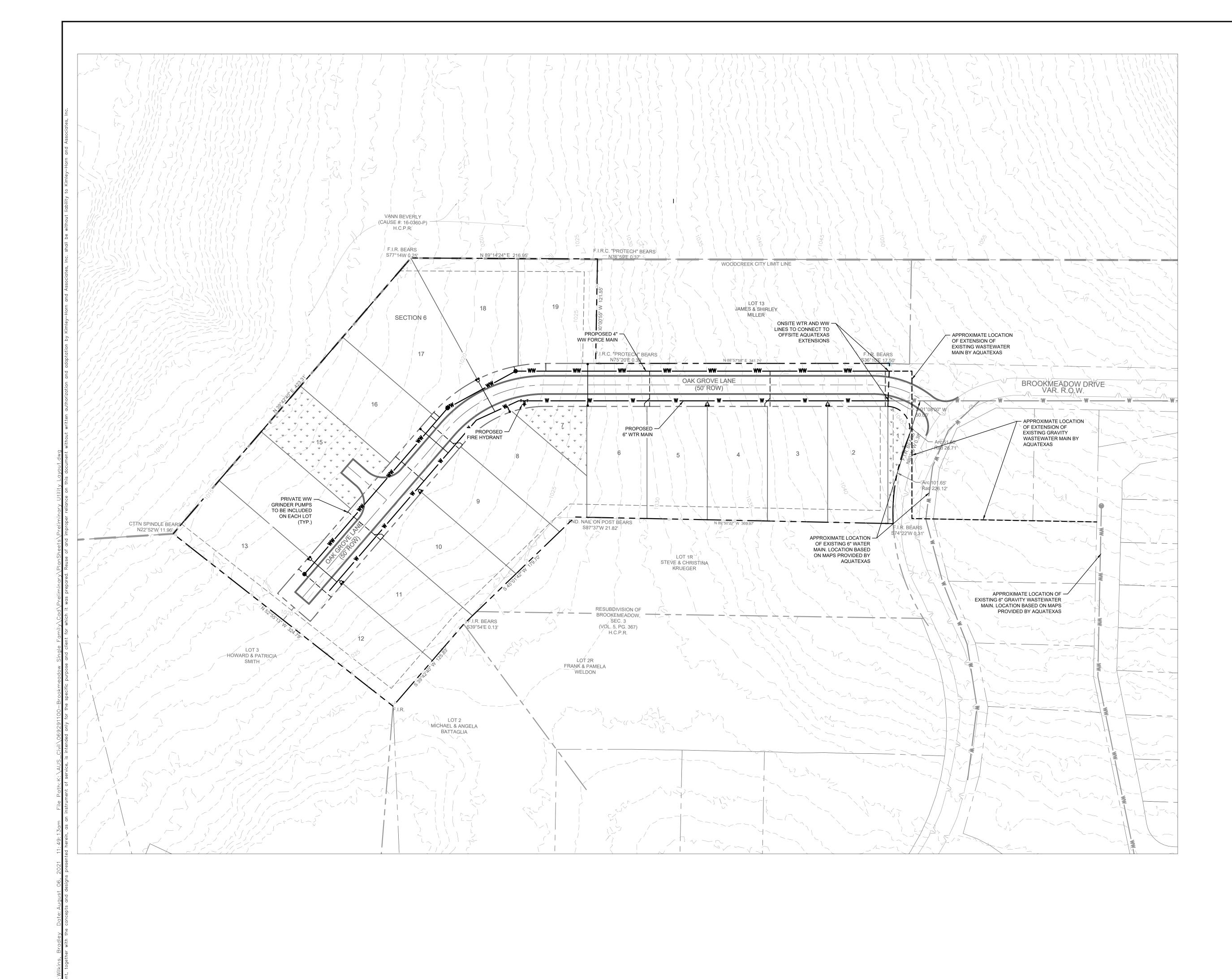


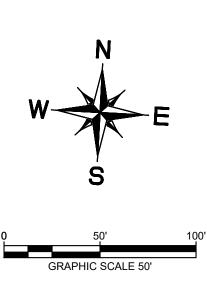




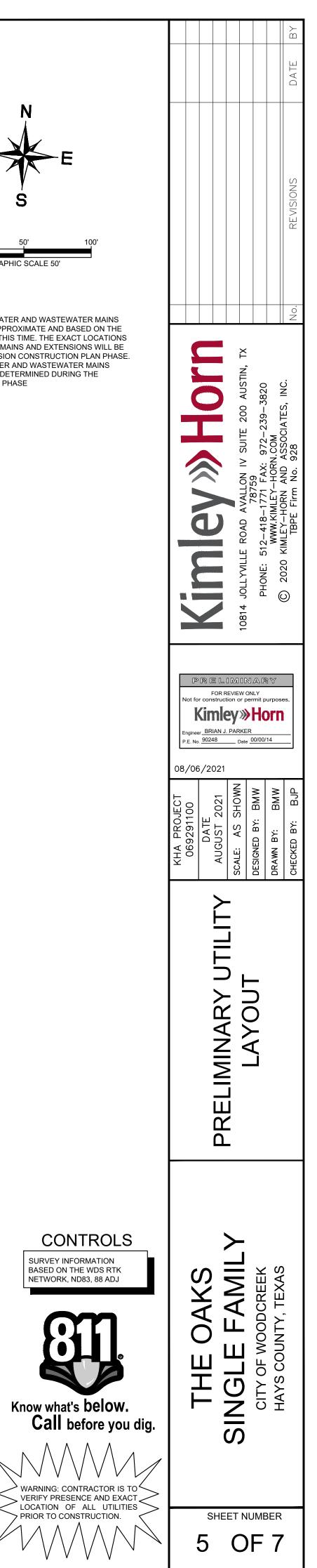


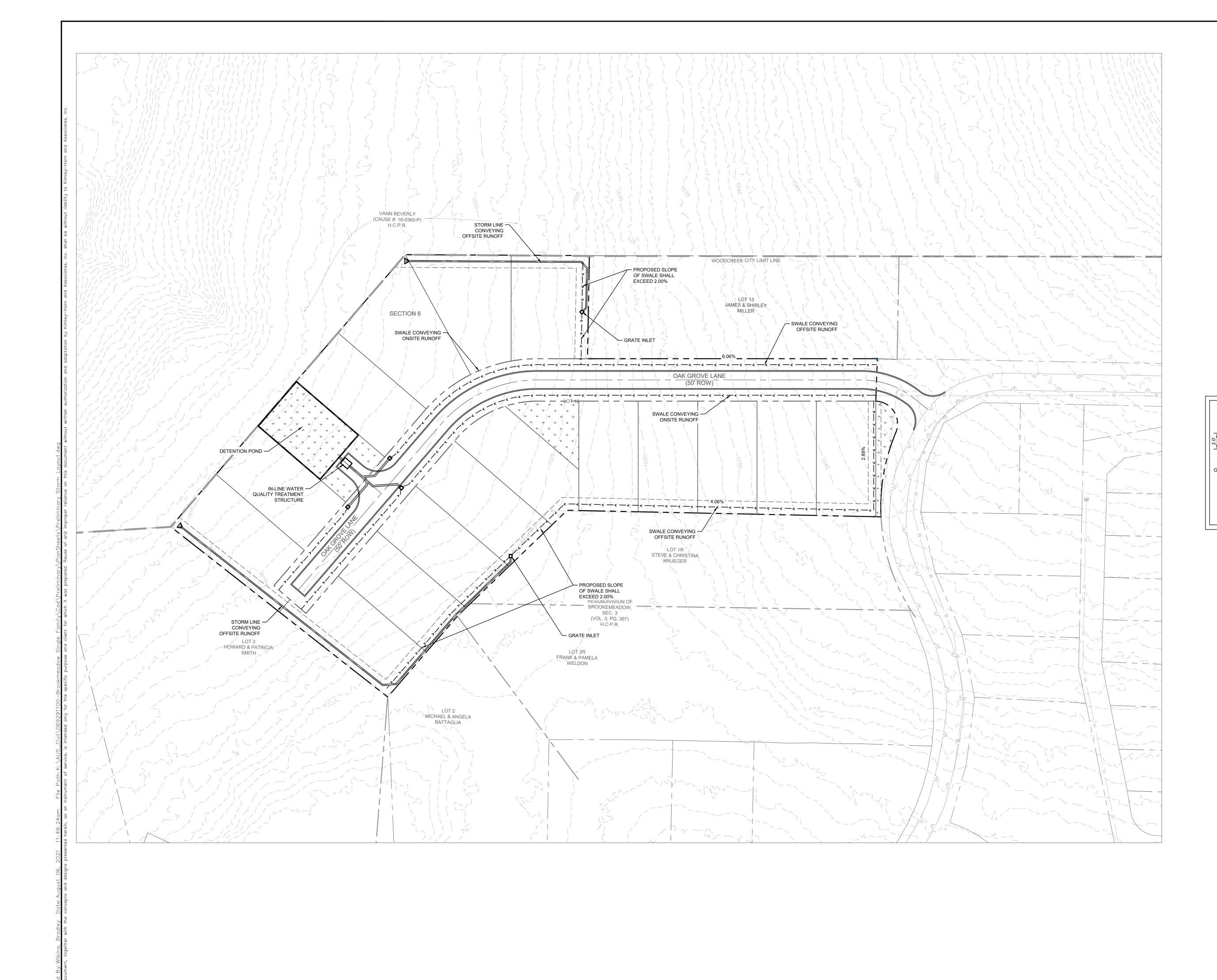


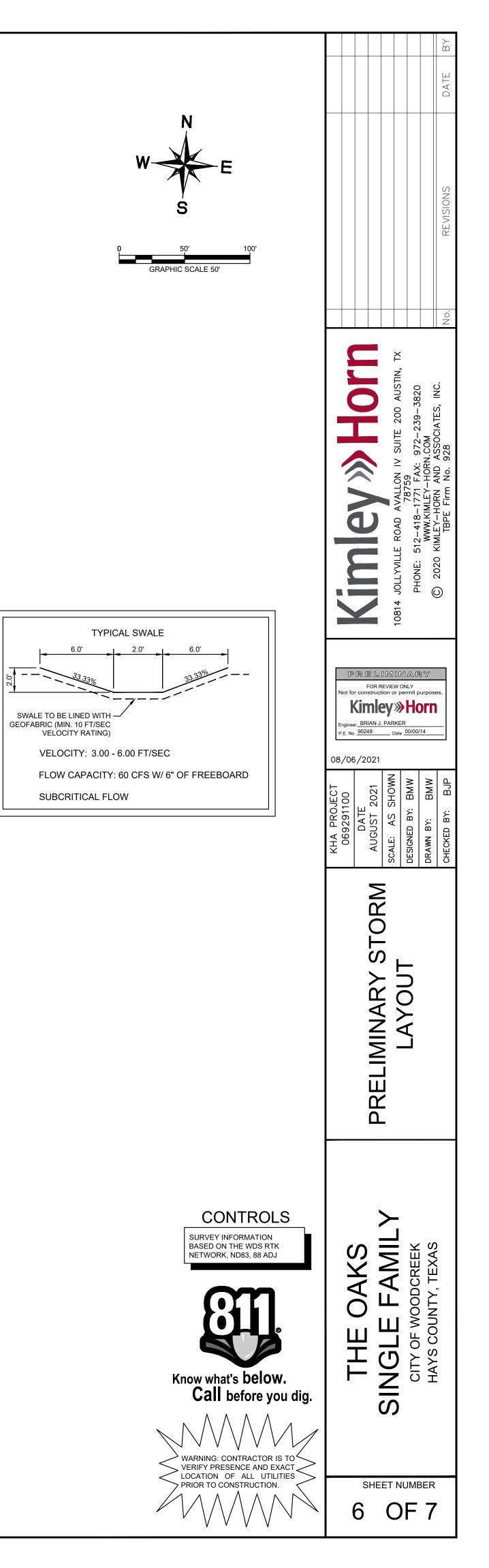


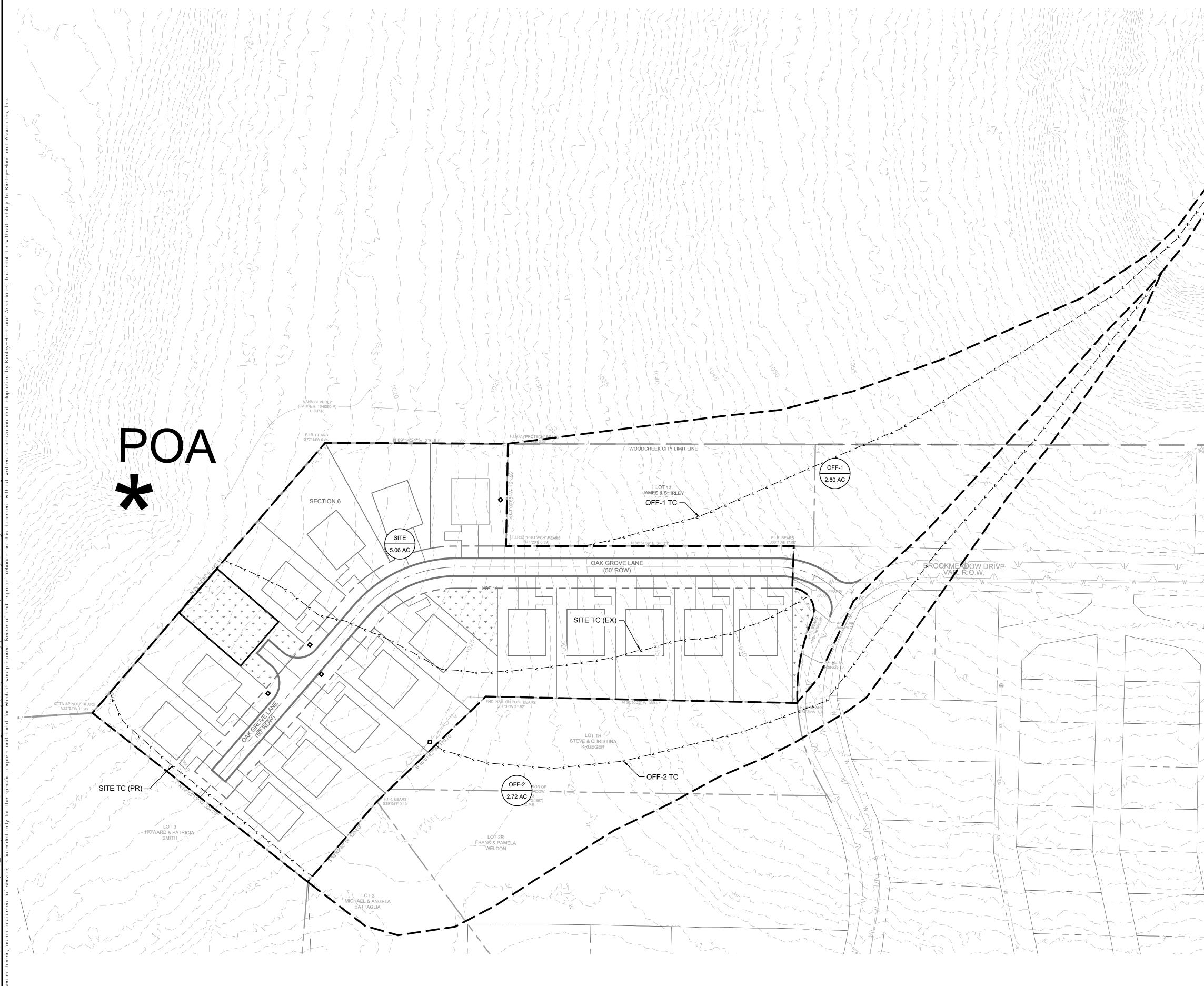


NOTES: 1. THE LOCATION OF THE EXISTING WATER AND WASTEWATER MAINS AND THE MAIN EXTENSIONS ARE APPROXIMATE AND BASED ON THE BEST AVAILABLE INFORMATION AT THIS TIME. THE EXACT LOCATIONS OF THE WATER AND WASTEWATER MAINS AND EXTENSIONS WILL BE DETERMINED DURING THE SUBDIVISION CONSTRUCTION PLAN PHASE. 2. THE SIZES OF THE PROPOSED WATER AND WASTEWATER MAINS THROUGH THE PROPERTY WILL BE DETERMINED DURING THE SUBDIVISION CONSTRUCTION PLAN PHASE









### The Grove at Brookmeadow DRAINAGE CALCULATIONS - SCS METHOD - EXISTING

DRAINAGE AREA						IMPERVIOUS COVER	IMPERVIOUS COVER	WEIGHTED CURVE NUMBER		SHEE P-2yr24hr	<b>FLOW</b> 3.44	IN	SHALLO		ENTRAT Surface	ED FLOW	TOTAL Tc* (min)
AREA	(37)	(AC)	(SF)	(%)	(CN)	Ν	L (ft)	S (ft/ft)	Tt(min)	L (ft)	V (fps)	S (ft/ft)	Tt (min)				
EX SITE	220424.76	5.06	3068.08	1.4%	79.26	0.40	100.00	0.060	13.35	640.43	3.23	0.040	3.31	16.66			
OFF-1	121931.82	2.80	6096.59	5.0%	78.05	0.40	100.00	0.050	14.36	951.00	3.95	0.060	4.01	18.38			
OFF-2	118479.69	2.72	5923.98	5.0%	79.95	0.40	100.00	0.080	11.90	1007.00	3.61	0.050	4.65	16.57			

EXIST. POA

L Tc*	Q <sub>2</sub>	<b>Q</b> <sub>10</sub>	Q <sub>25</sub>	<b>Q</b> <sub>100</sub>	
n)	(cfs)	(cfs)	(cfs)	(cfs)	
66	8.81	18.83	26.78	42.11	
38	4.47	9.78	22.31		
57	4.88	10.30	14.59	22.83	
	<b>Q</b> <sub>2</sub>	<b>Q</b> <sub>10</sub>	<b>Q</b> <sub>25</sub>	<b>Q</b> <sub>100</sub>	
POA	1 <mark>8.1</mark> 4	38.92	55.41	87.25	

## The Grove at Brookmeadow DRAINAGE CALCULATIONS - SCS METHOD - PROPOSED

DRAINAGE	AREA ARE		IMPERVIOUS	IMPERVIOUS WEIGHTED			SHEET	FLOW	SHALLOW CONCENTRATED FL				
AREA	(SF)	(AC)	COVER	COVER	CURVE NUMBER	P-2yr24hr 3.44 IN			Grass Surface				
	(31)	(40)	(SF)	(%)	(CN)	Ν	L (ft)	S (ft/ft)	Tt(min)	L (ft)	V (fps)	S (ft/ft)	Tt (r
PR SITE	220424.76	5.06	66127.43	30.0%	84.70	0.20	100.00	0.046	8.52	228.00	3.23	0.040	1.
OFF-1	121931.82	2.80	6096.59	5.0%	78.05	0.40	100.00	0.050	14.36	951.00	3.95	0.060	4.
OFF-2	118479.69	2.72	5923.98	5.0%	79.95	0.40	100.00	0.080	11.90	1007.00	3.61	0.050	4.

	N d d d d d d d d d d d d d	Image: State of the state
POND ROUTING TABLEDESIGN SCENARIOTARGET PEAK OUTFLOW (FT³/S)COMPUTED PEAK OUTFLOW (FT³/S)MAXIMUM PONDING DEPTH (FT)2 YR8.797.861.4210 YR18.8415.252.7725 YR26.7722.263.67100 YR42.1136.595.21	MAXIMUM STORAGE (FT <sup>3</sup> ) 9213.00 17958.00 23789.00 33743.00	Kimley Horn   Engineer BRIAN J. PARKER   P.E. No. 90248   Date 00/00/14   08/06/2021 08/06/2021   08/06/2021 NM   Data BM   Data BM   Data BM   Data BM   Data Color   Data BM   Data BM   BM BM   BM BM   BM BM   Data Color   Designer BN   BM BM   BM BM   BM BM   BM BM   Data Color   Data Color   Data Color   Data Color   Data BM   BM BM   BM BM   BM BM   BM BM   Data Color   Data Color   Data BM   Data
POND STAGE STORAGE TABLE     ELEVATION   AREA (SF)   DEPTH (FT <sup>3</sup> /S)   TOTAL VOLUN (FT <sup>3</sup> )     1014.00   6475.00   0.00   0.00     1015.00   6475.00   1.00   6475.00     1016.00   6475.00   2.00   12950.00     1017.00   6475.00   3.00   19425.00     1018.00   6475.00   5.00   32375.00     1019.00   6475.00   6.00   38850.00		PRELIMINARY DRAINAGE AREA MAP
D FLOW TOTAL Tc* Q2 Q10 Q25 Q100   T(min) (cfs) (cfs) (cfs) (cfs)   1.18 9.70 12.24 23.98 33.08 50.48   4.01 18.38 4.47 9.78 14.05 22.31   4.65 16.57 4.88 10.30 14.59 22.83	<section-header><section-header><text><text></text></text></section-header></section-header>	THE OAKS SINGLE FAMILY CITY OF WOODCREEK HAYS COUNTY, TEXAS
Q2   Q10   Q25   Q100     PROP. POA   16.77   34.35   49.62   80.57	WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.	

7

OF 7

~ z

-t-