C4.24 WATER PLAN

C4.25 WATER PLAN

C5.01 STORM SEWER PROFILES

C5.02 STORM SEWER PROFILES

CONSTRUCTION PLANS

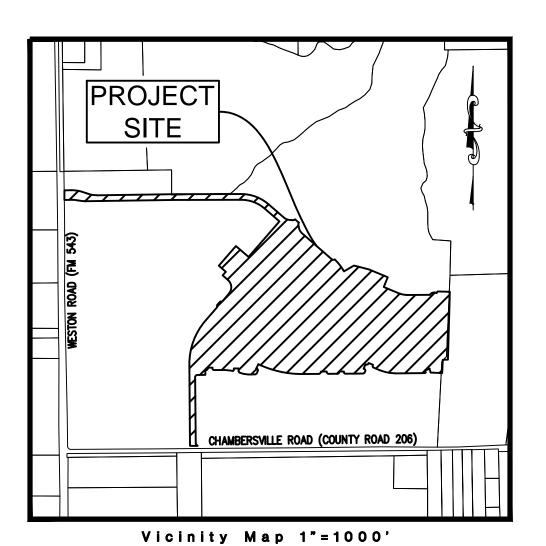
for

VENETIAN AT WESTON PHASE 2A

70.078 Acres

in the

J. WILSON SURVEY, ABSTRACT NO. 963
CITY OF WESTON
COLLIN COUNTY, TEXAS
MARCH 2022



OWNER/DEVELOPER
MEGATEL HOMES
2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159
Contact: MR. ZACH IPOUR



The John R. McAdams
Company, Inc.
111 Hillside Drive
Lewisville, Texas 75057
972. 436. 9712

201 Country View Drive
Roanoke, Texas 76262
940. 240. 1012

TBPE: 19762 TBPLS: 10194440

Contact: Matthew G. St. Marie, P.E.

The John R. McAdams Company, Inc. 111 Hillside Drive Lewisville, Texas 75057 972. 436. 9712 201 Country View Drive Roanoke, Texas 76262 940. 240. 1012



PHASE 2A
HASE 2A
T NO. 963

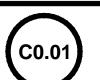
VENETIAN AT WESTON PHA
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70.078 Acres
in the
J. WILSON SURVEY, ABSTRACT N
CITY OF WESTON
CITY OF WESTON
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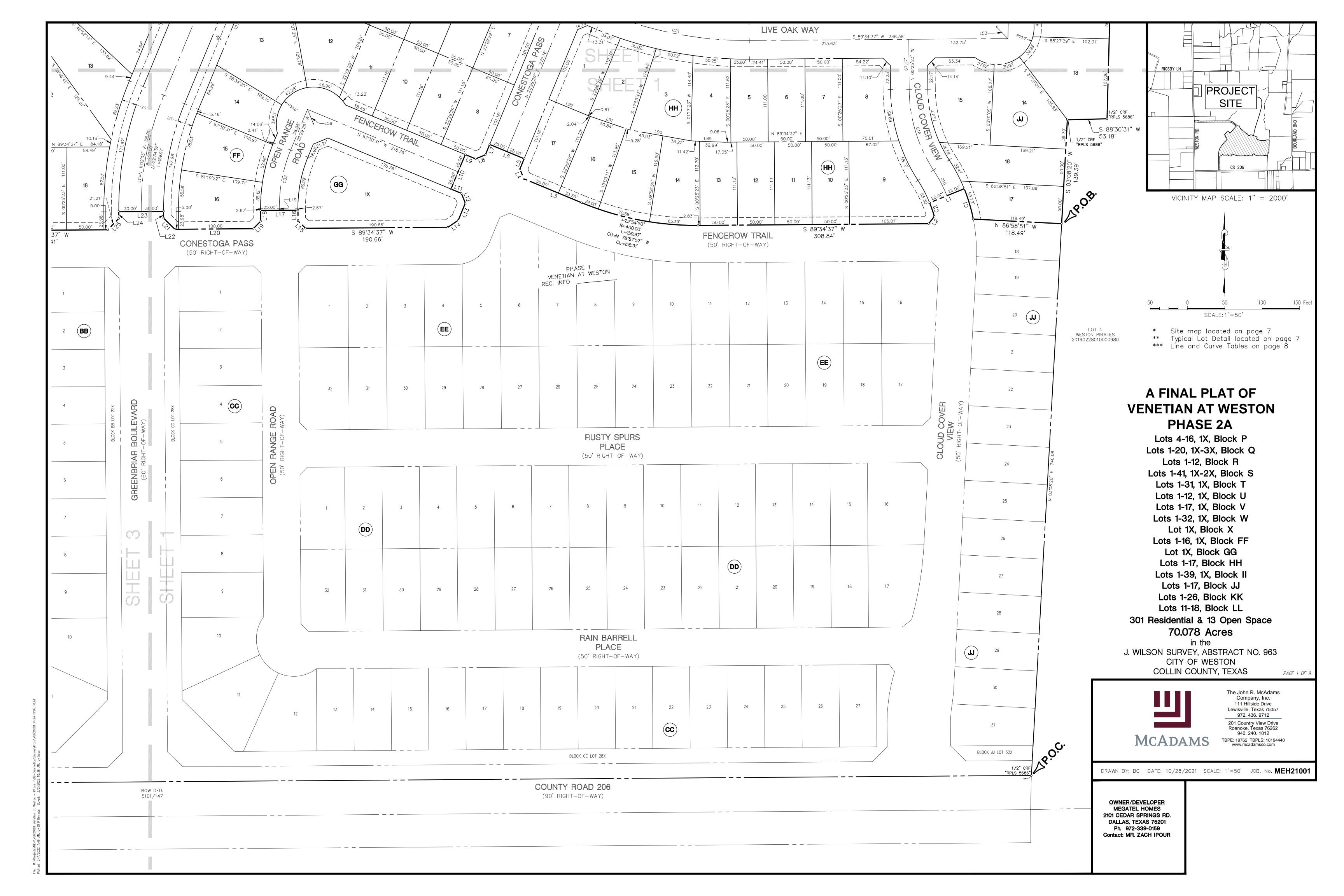
SOVER SHEET

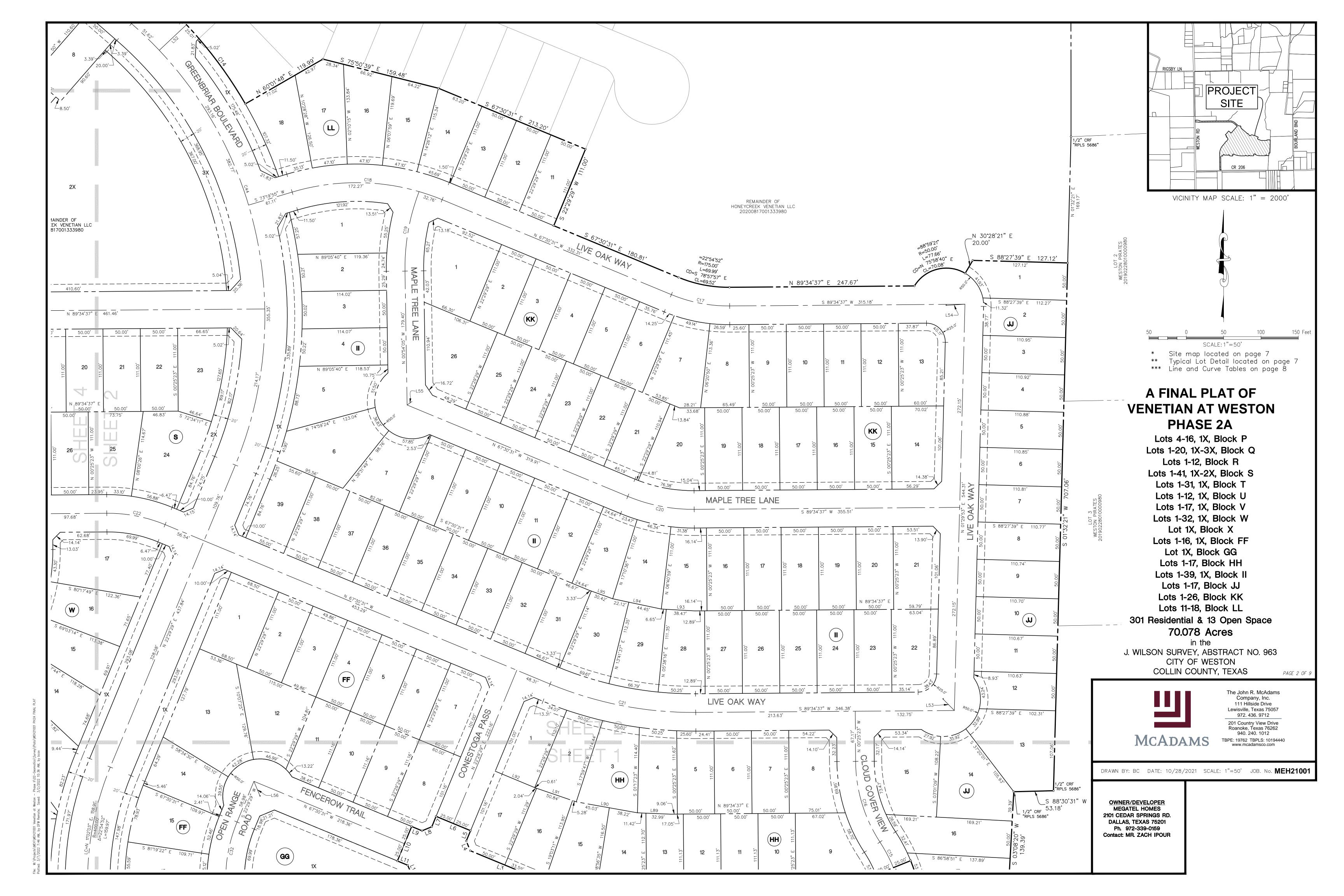
PRELIMINARY PLANS

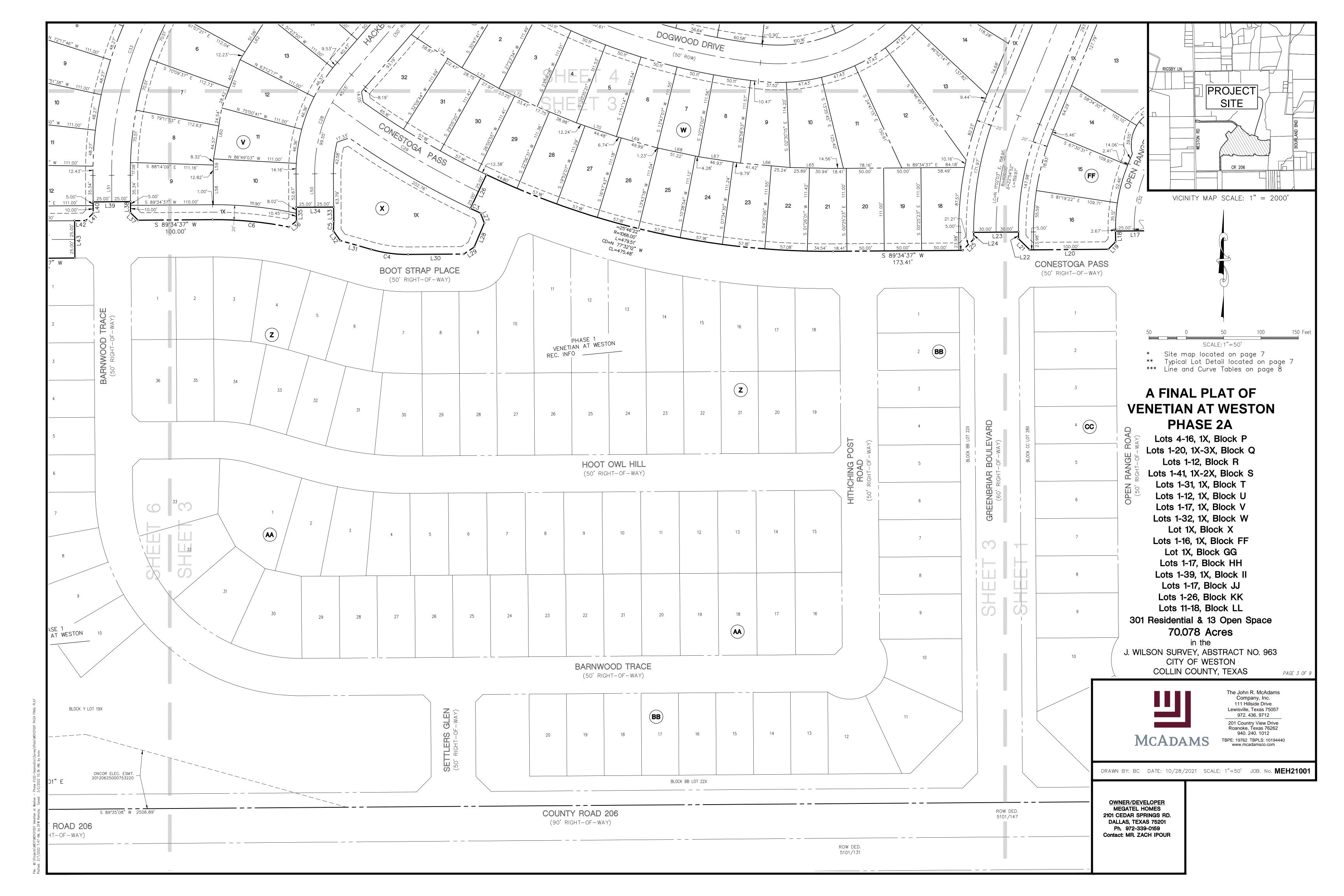
THIS DOCUMENT IS FOR INTERIM REVIEW AND IS NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES. THE JOHN R. MCADAMS COMPANY, INC. TBPE: 19762
MATTHEW G. ST. MARIE, P.E. #110326
DATE 3/7/2022

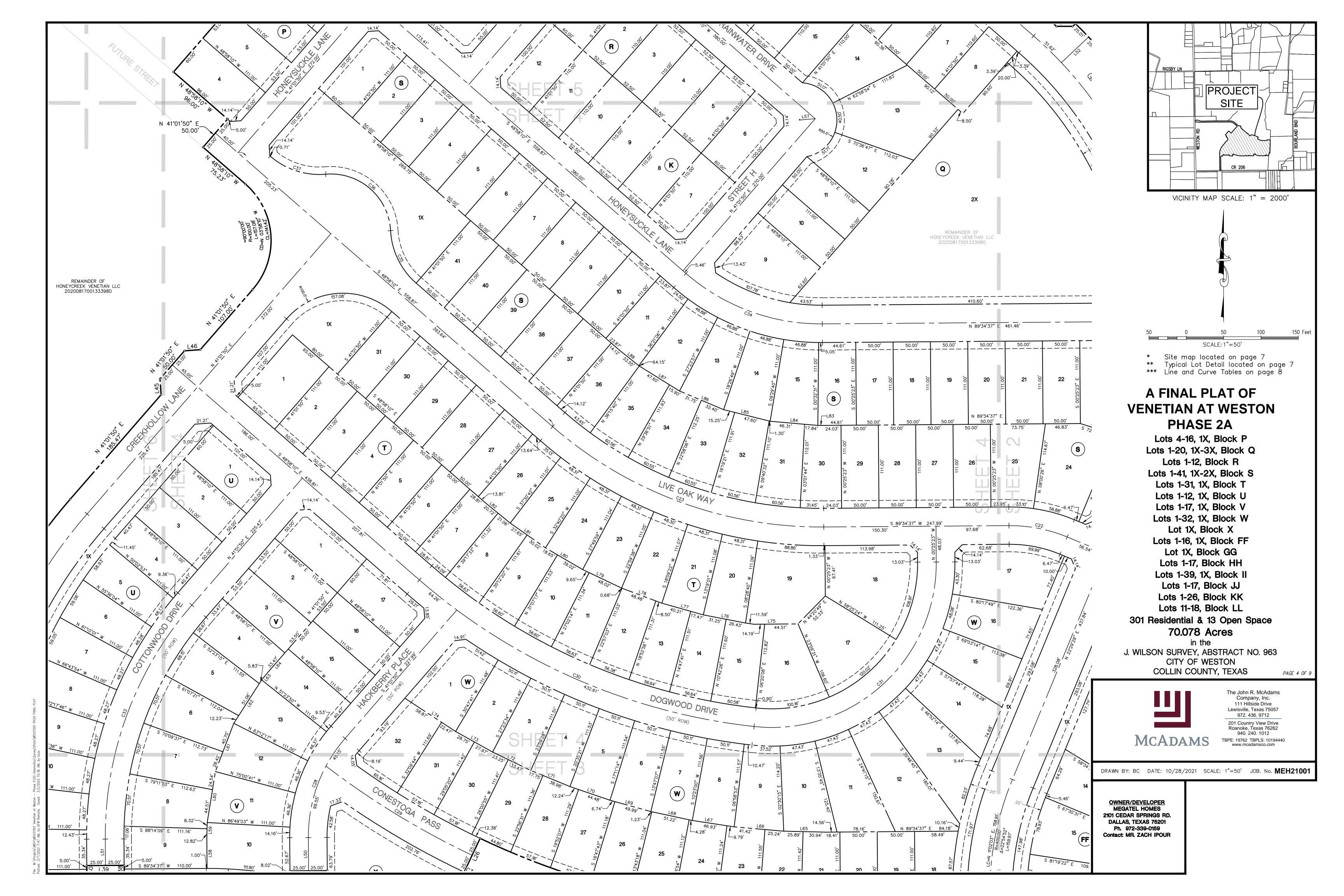
Drawn By: ASC
Date: 03/07/2022
Scale: N.T.S.

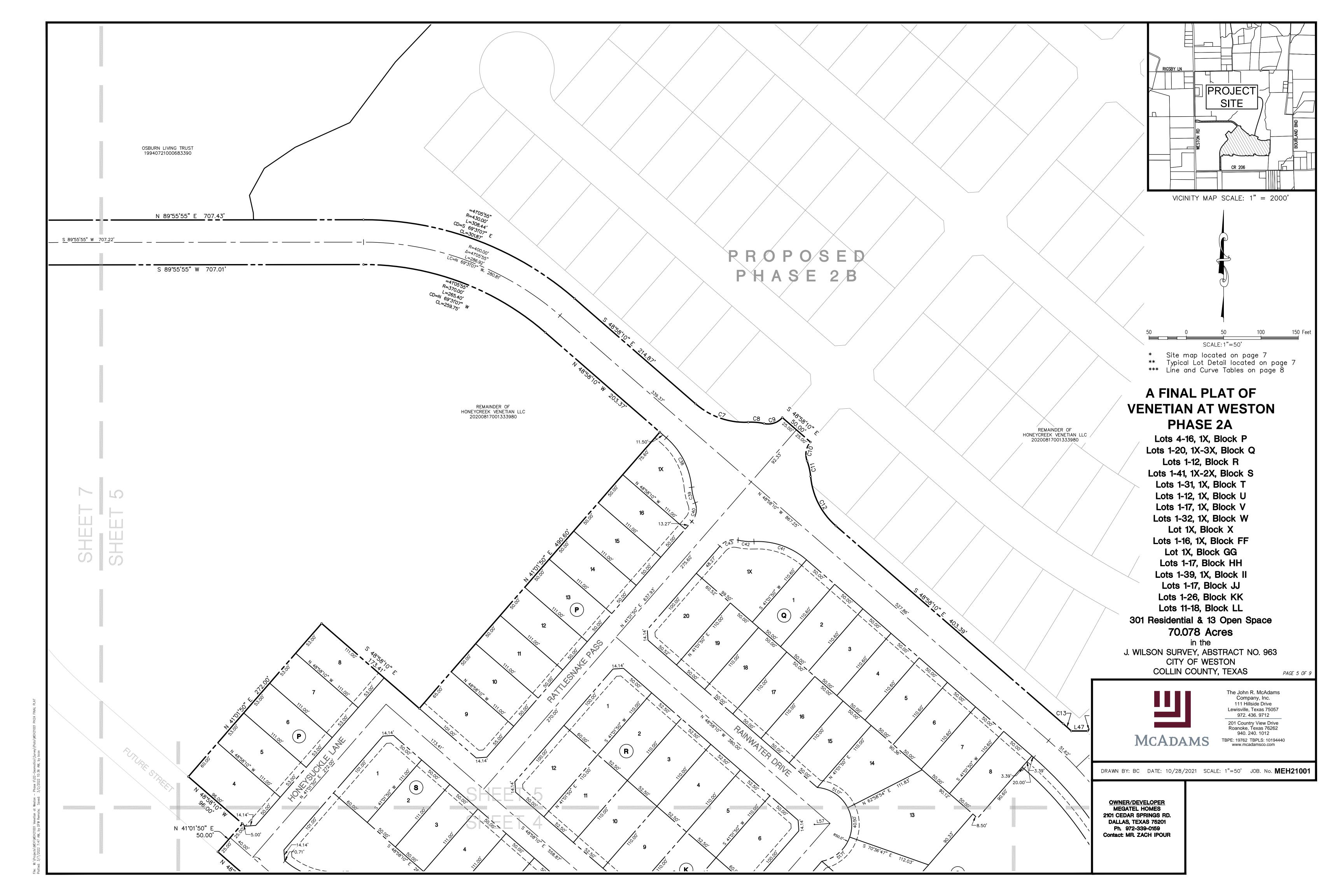


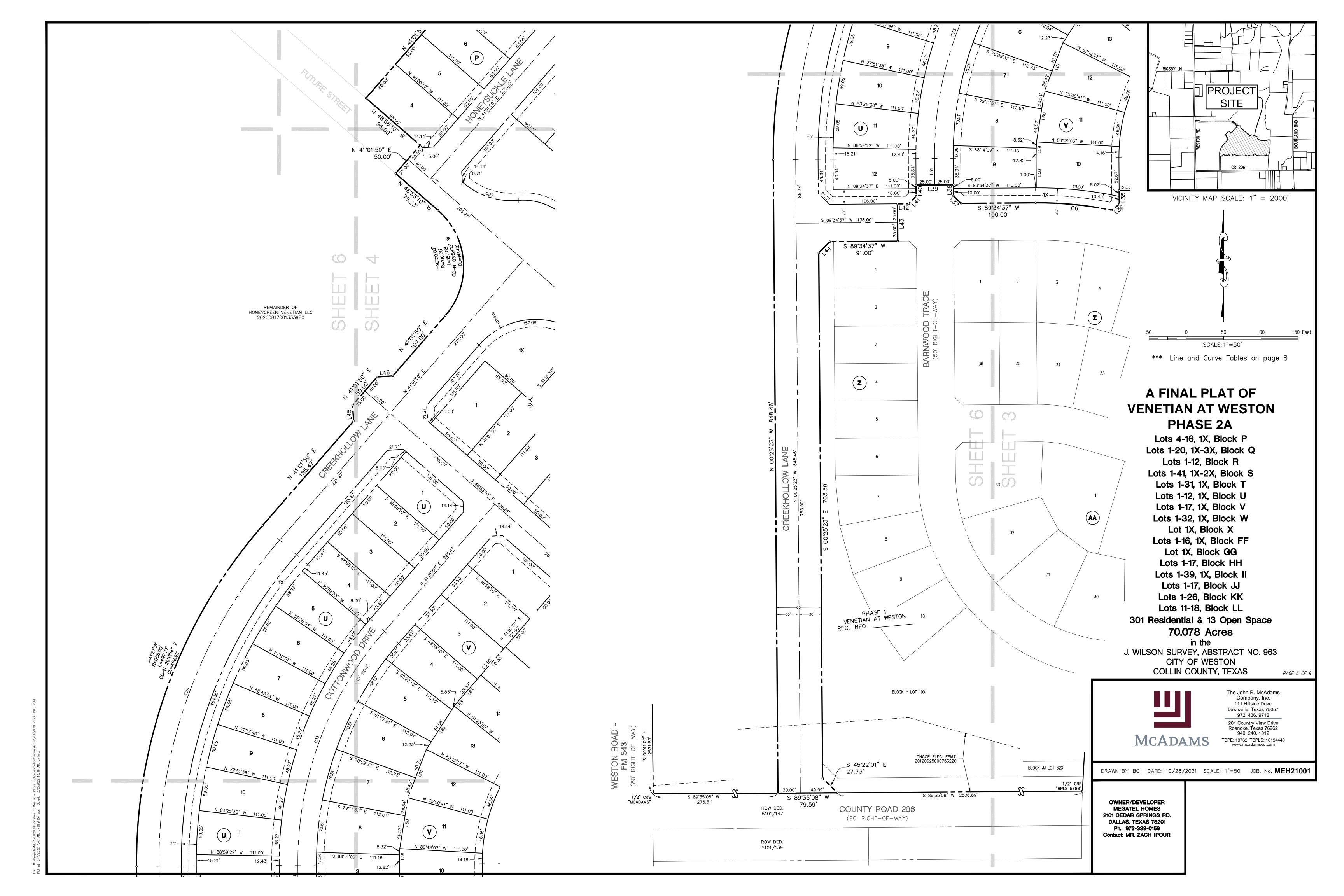


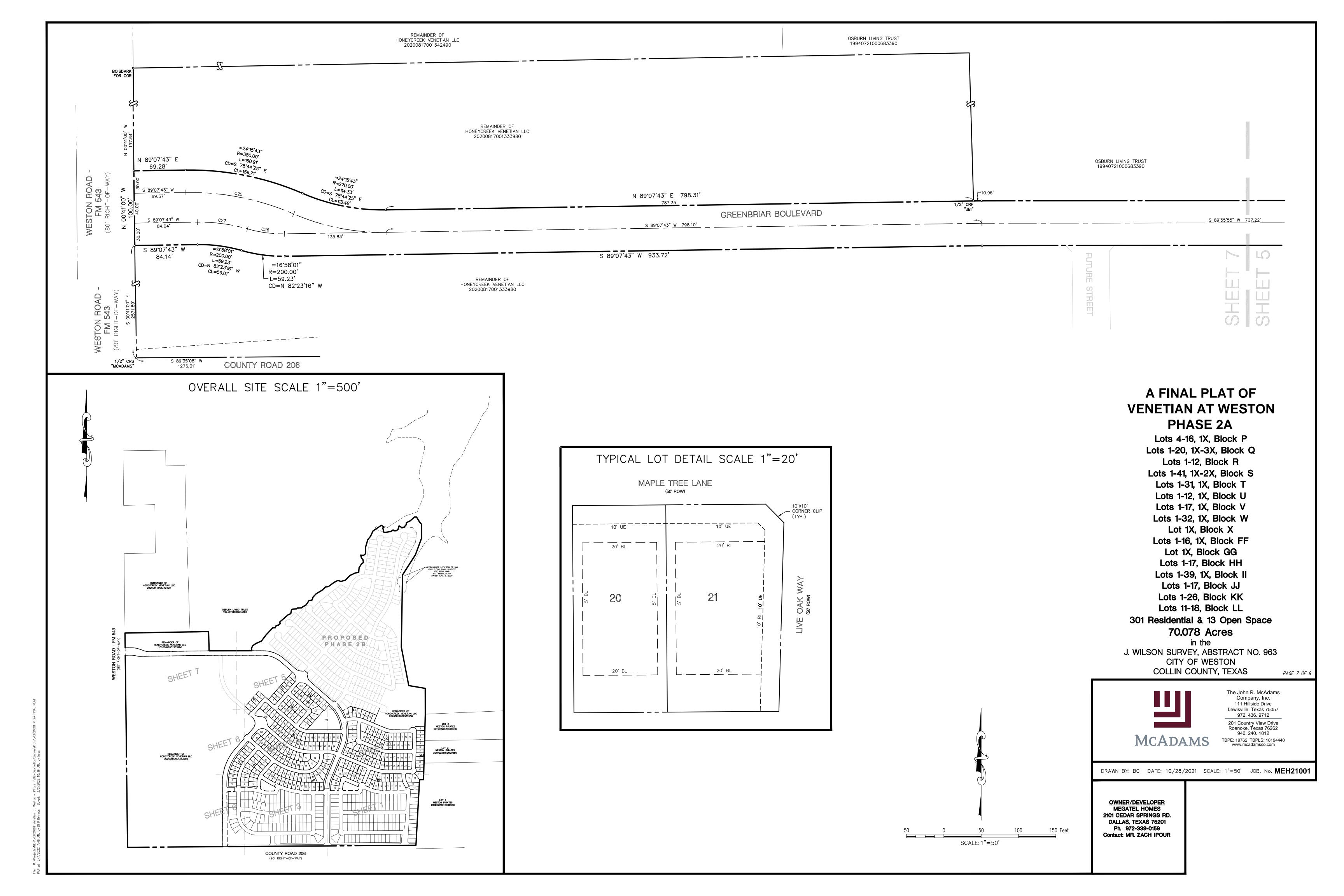












	LOT / BLO	CK ANALYSIS			LOT / BLO	CK ANALYSIS	
LOT	BLOCK	SQUARE FEET	ACRES	LOT	BLOCK	SQUARE FEET	
1	BLOCK FF	7,603	0.175	8	BLOCK HH	7,324	
2	BLOCK FF	5,550	0.127	9	BLOCK HH	10,259	
3	BLOCK FF	5,535	0.127	10	BLOCK HH	5,556	
4	BLOCK FF	5,550	0.127	11	BLOCK HH	5,556	
5	BLOCK FF	5,550	0.127	12	BLOCK HH	5,556	
6	BLOCK FF	5,550	0.127	13	BLOCK HH	5,582	
7	BLOCK FF	6,610	0.152	14	BLOCK HH	6,750	
8	BLOCK FF	6,620	0.152	15	BLOCK HH	6,981	
9	BLOCK FF	5,558	0.128	16	BLOCK HH	6,116	
10	BLOCK FF	5,558	0.128	17	BLOCK HH	6,620	
11	BLOCK FF	5,518	0.127	1	BLOCK II	8,561	
12	BLOCK FF	8,481	0.195	2	BLOCK II	5,799	
13	BLOCK FF	12,583	0.289	3	BLOCK II	5,684	
14	BLOCK FF	6,457	0.148	4	BLOCK II	5,797	
15	BLOCK FF	7,211	0.166	5	BLOCK II	8,031	
16	BLOCK FF	7,735	0.178	6	BLOCK II	9,307	
1X	BLOCK FF	9,258	0.213	7	BLOCK II	6,655	
1X	BLOCK GG	18,731	0.430	8	BLOCK II	5,550	
1	BLOCK HH	6,329	0.145	9	BLOCK II	5,550	
2	BLOCK HH	6,128	0.141	10	BLOCK II	5,550	
3	BLOCK HH	7,521	0.173	11	BLOCK II	5,550	
4	BLOCK HH	5,838	0.134	12	BLOCK II	5,550	
5	BLOCK HH	5,555	0.128	13	BLOCK II	5,903	
6	BLOCK HH	5,550	0.127	14	BLOCK II	6,204	
7	BLOCK HH	5,550	0.127	15	BLOCK II	6,018	

	•					•		
LOT	BLOCK	SQUARE FEET	ACRES		LOT	BLOCK	SQUARE FEET	ACRE
16	BLOCK II	5,550	0.127		1	BLOCK JJ	6,238	0.14
17	BLOCK II	5,550	0.127		2	BLOCK JJ	5,553	0.12
18	BLOCK II	5,550	0.127		3	BLOCK JJ	5,547	0.12
19	BLOCK II	5,550	0.127		4	BLOCK JJ	5,545	0.12
20	BLOCK II	5,550	0.127		5	BLOCK JJ	5,543	0.12
21	BLOCK II	6,793	0.156		6	BLOCK JJ	5,541	0.12
22	BLOCK II	6,667	0.153		7	BLOCK JJ	5,540	0.12
23	BLOCK II	5,550	0.127		8	BLOCK JJ	5,538	0.12
24	BLOCK II	5,550	0.127		9	BLOCK JJ	5,536	0.12
25	BLOCK II	5,550	0.127		10	BLOCK JJ	5,534	0.12
26	BLOCK II	5,550	0.127		11	BLOCK JJ	5,532	0.12
27	BLOCK II	5,550	0.127		12	BLOCK JJ	5,231	0.12
28	BLOCK II	6,376	0.146		13	BLOCK JJ	10,028	0.23
29	BLOCK II	6,598	0.151		14	BLOCK JJ	9,169	0.21
30	BLOCK II	6,807	0.156		15	BLOCK JJ	9,372	0.21
31	BLOCK II	5,550	0.127		16	BLOCK JJ	7,675	0.17
32	BLOCK II	5,550	0.127		17	BLOCK JJ	6,352	0.14
33	BLOCK II	5,550	0.127		1	BLOCK KK	9,683	0.22
34	BLOCK II	5,550	0.127		2	BLOCK KK	5,550	0.12
35	BLOCK II	5,550	0.127		3	BLOCK KK	5,550	0.12
36	BLOCK II	5,550	0.127		4	BLOCK KK	5,550	0.12
37	BLOCK II	5,550	0.127		5	BLOCK KK	5,550	0.12
		5.550		1				

6 BLOCK KK

BLOCK KK

BLOCK KK

LOT / BLOCK ANALYSIS

38 BLOCK II 5,550 0.127

6,110

8,688

0.140

0.199

39 BLOCK II

1X BLOCK II

LOT / BLOCK ANALYSIS

LOT / BLOCK ANALYSIS

9 BLOCK KK

10 BLOCK KK

11 BLOCK KK 12 BLOCK KK

13 BLOCK KK

14 BLOCK KK

15 BLOCK KK

16 BLOCK KK 17 BLOCK KK

18 BLOCK KK

19 BLOCK KK

20 BLOCK KK

21 BLOCK KK

22 BLOCK KK

23 BLOCK KK

24 BLOCK KK

25 BLOCK KK

26 BLOCK KK

11 BLOCK LL

12 BLOCK LL

13 BLOCK LL

14 BLOCK LL

15 BLOCK LL

16 BLOCK LL

17 BLOCK LL

LOT / BLOCK ANALYSIS

ACRES	SQUARE FEET	BLOCK	LOT	ACRES	SQUARE FEET
0.157	6,847	BLOCK LL	18	0.127	5,550
0.091	3,979	BLOCK LL	1X	0.127	5,550
0.152	6,610	BLOCK P	4	0.127	5,550
0.135	5,883	BLOCK P	5	0.127	5,550
0.135	5,883	BLOCK P	6	0.154	6,721
0.135	5,883	BLOCK P	7	0.173	7,515
0.135	5,883	BLOCK P	8	0.127	5,550
0.164	7,165	BLOCK P	9	0.127	5,550
0.127	5,550	BLOCK P	10	0.127	5,550
0.127	5,550	BLOCK P	11	0.127	5,550
0.127	5,550	BLOCK P	12	0.127	5,550
0.127	5,550	BLOCK P	13	0.176	7,661
0.127	5,550	BLOCK P	14	0.127	5,550
0.127	5,550	BLOCK P	15	0.127	5,550
0.127	5,550	BLOCK P	16	0.127	5,550
0.151	6,583	BLOCK P	1X	0.127	5,550
0.127	5,530	BLOCK Q	1	0.127	5,550
0.127	5,530	BLOCK Q	2	0.209	9,090
0.127	5,530	BLOCK Q	3	0.127	5,550
0.127	5,530	BLOCK Q	4	0.127	5,550
0.127	5,530	BLOCK Q	5	0.127	5,550
0.127	5,530	BLOCK Q	6	0.142	6,193
0.127	5,530	BLOCK Q	7	0.149	6,486
0.127	5,530	BLOCK Q	8	0.163	7,080
0.217	9,437	BLOCK Q	9	0.177	7,730

LOT / BLOCK ANALYSIS

21 BLOCK W 5,687 0.131

BLOCK W

CURVE TABLE

395.76' N 69*41'46" W, 387.18'

148.21' N 78*44'25" W, 147.10'

50.34' N 82°23'16" W, 50.16'

68.11' N 82*23'16" W, 67.86'

144.70' S 2018'14" W, 141.57'

229.67' N 58*37'10" W, 229.25'

496.87' S 66*20'57" E, 489.28'

371.28' N 47°55'26" E, 328.76'

79.99' S 11°02'03" W, 79.45'

341.49' N 20°18'14" E, 334.09'

198.96' S 69°41'46" E, 194.65'

128.50' N 48*58'10" W, 115.13'

80.31' N 71°58'40" W, 78.17'

76.38' S 27°05'19" E, 74.54'

21.40' S 12*52'12" E, 21.33'

26.86' S 10°14'57" W, 25.59'

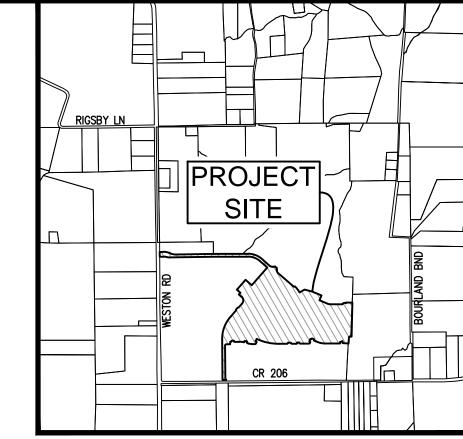
76.38' S 70°51'01" E, 74.54' 21.40' S 85°04'07" E, 21.33' 26.86' N 71°48'44" E, 25.59' 648.56' N 13°14'20" W, 607.33'

SQUARE FEET ACRES

5,550

LOT / BLOCK ANALYSIS

LOT / BLO	CK ANALYSIS		LOT / BLO	CK ANALYSIS	
BLOCK	SQUARE FEET	ACRES	BLOCK	SQUARE FEET	ACRES
BLOCK Q	5,550	0.127	FF	116,926	2.68
BLOCK Q	5,550	0.127			
BLOCK Q	7,199	0.165	GG	18,731	0.43
BLOCK Q	12,553	0.288	НН	108,772	2.49
BLOCK Q	7,145	0.164			
BLOCK Q	5,500	0.126	II	243,648	5.59
BLOCK Q	5,500	0.126	JJ	109,474	2.51
BLOCK Q	5,500	0.126			
BLOCK Q	5,500	0.126	KK	160,139	3.67
BLOCK Q	5,500	0.126	LL	54,964	1.26
BLOCK Q	6,607	0.152	P	82,740	1 80
BLOCK Q	9,196	0.211	P	62,740	1.89
BLOCK Q	83,680	1.921	Q	226,123	5.19
BLOCK Q	7,464	0.171	R	72,400	1.66
BLOCK R	6,550	0.150	11	, 2, 100	1.00
BLOCK R	5,775	0.133	S	269,627	6.19
BLOCK R	5,775	0.133	Т	207,094	4.75
BLOCK R	5,775	0.133	·		
BLOCK R	5,775	0.133	U	87,154	2.00
BLOCK R	6,550	0.150	V	112,156	2.57
BLOCK R	6,550	0.150			
BLOCK R	5,775	0.133	W	223,676	5.13
BLOCK R	5,775	0.133	X	20,053	0.46
BLOCK R	5,775	0.133			
BLOCK R	5,775	0.133	GROSS	3052,603	70.07
			ROW	938,924	21.55
			NET	2,113,679	48.52



VICINITY MAP SCALE: 1" = 2000'

A FINAL PLAT OF **VENETIAN AT WESTON** PHASE 2A

Lots 4-16, 1X, Block P Lots 1-20, 1X-3X, Block Q Lots 1-12, Block R Lots 1-41, 1X-2X, Block S Lots 1-31, 1X, Block T Lots 1-12, 1X, Block U Lots 1-17, 1X, Block V Lots 1-32, 1X, Block W Lot 1X, Block X Lots 1-16, 1X, Block FF Lot 1X, Block GG Lots 1-17, Block HH Lots 1-39, 1X, Block II Lots 1-17, Block JJ Lots 1-26, Block KK Lots 11-18, Block LL

301 Residential & 13 Open Space 70.078 Acres

in the J. WILSON SURVEY, ABSTRACT NO. 963 CITY OF WESTON COLLIN COUNTY, TEXAS



The John R. McAdams Company, Inc. 111 Hillside Drive Lewisville, Texas 75057 972. 436. 9712 201 Country View Drive Roanoke, Texas 76262 940. 240. 1012 TBPE: 19762 TBPLS: 10194440 www.mcadamsco.com

PAGE 8 OF 9

DRAWN BY: BC DATE: 10/28/2021 SCALE: NTS JOB. No. MEH21001

MCADAMS

OWNER/DEVELOPER MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201 Ph. 972-339-0159
2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201
DALLAS, TEXAS 75201
· · · · · · · · · · · · · · · · · · ·
Ph. 972-339-0159
Contact: MR. ZACH IPOUR

	LOT / BLO	CK ANALYSIS	
OT	BLOCK	SQUARE FEET	ACRES
12	BLOCK R	6,550	0.150
1	BLOCK S	6,610	0.152
2	BLOCK S	5,550	0.127
3	BLOCK S	5,550	0.127
4	BLOCK S	5,550	0.127
5	BLOCK S	5,550	0.127
6	BLOCK S	5,550	0.127
7	BLOCK S	5,550	0.127
8	BLOCK S	5,550	0.127
9	BLOCK S	5,550	0.127
10	BLOCK S	5,550	0.127
11	BLOCK S	5,864	0.135
12	BLOCK S	6,112	0.140
13	BLOCK S	6,112	0.140
14	BLOCK S	6,112	0.140
15	BLOCK S	6,112	0.140
16	BLOCK S	5,616	0.129
17	BLOCK S	5,550	0.127
18	BLOCK S	5,550	0.127
19	BLOCK S	5,550	0.127
20	BLOCK S	5,550	0.127
21	BLOCK S	5,550	0.127
22	BLOCK S	5,550	0.127
23	BLOCK S	7,007	0.161
24	BLOCK S	9,594	0.220

UARE FEET	ACRES	L	ОТ	BLOCK	SQUARE FEET	ACRES	LOT	BLOCK	SQUARE FEET	ACRES
5,689	0.131		1X	BLOCK T	11,061	0.254	12	BLOCK V	6,334	0.145
5,862	0.135		1	BLOCK U	6,610	0.152	13	BLOCK V	6,334	0.145
5,861	0.135		2	BLOCK U	5,550	0.127	14	BLOCK V	5,811	0.133
5,863	0.135		3	BLOCK U	5,550	0.127	15	BLOCK V	5,550	0.127
5,868	0.135		4	BLOCK U	5,647	0.130	16	BLOCK V	5,550	0.127
5,843	0.134		5	BLOCK U	5,944	0.136	17	BLOCK V	6,622	0.152
5,868	0.135		6	BLOCK U	5,958	0.137	1	BLOCK W	7,861	0.180
5,866	0.135		7	BLOCK U	5,956	0.137	2	BLOCK W	5,940	0.136
6,278	0.144		8	BLOCK U	5,956	0.137	3	BLOCK W	5,941	0.136
8,077	0.185		9	BLOCK U	5,956	0.137	4	BLOCK W	5,942	0.136
9,565	0.220		10	BLOCK U	5,956	0.137	5	BLOCK W	5,943	0.136
11,847	0.272		11	BLOCK U	5,956	0.137	6	BLOCK W	5,943	0.136
9,874	0.227		12	BLOCK U	6,012	0.138	7	BLOCK W	5,944	0.136
5,864	0.135		1X	BLOCK U	16,104	0.370	8	BLOCK W	5,944	0.136
5,864	0.135		1	BLOCK V	6,610	0.152	9	BLOCK W	6,407	0.147
5,861	0.135		2	BLOCK V	5,938	0.136	10	BLOCK W	7,000	0.161
5,862	0.135		3	BLOCK V	5,938	0.136	11	BLOCK W	8,285	0.190
5,861	0.135		4	BLOCK V	6,310	0.145	12	BLOCK W	10,972	0.252
5,860	0.135		5	BLOCK V	6,699	0.154	13	BLOCK W	9,886	0.227
5,783	0.133		6	BLOCK V	6,913	0.159	14	BLOCK W	7,567	0.174
5,550	0.127		7	BLOCK V	6,909	0.159	15	BLOCK W	6,713	0.154
5,550	0.127		8	BLOCK V	6,914	0.159	16	BLOCK W	6,945	0.159
5,550	0.127		9	BLOCK V	6,138	0.141	17	BLOCK W	10,179	0.234
5,550	0.127		10	BLOCK V	6,893	0.158	18	BLOCK W	5,795	0.133
5,550	0.127		11	BLOCK V	6,333	0.145	19	BLOCK W	5,550	0.127

5,552 0.127

0.171

7,464

6,552

		CUR	VE TABLE	
CURVE	RADIUS	DELTA ANGLE	ARC LENGTH	LONG CHORD
C1	225.00'	10*48'44"	42.46'	N 16*39'17" W, 42.40'
C2	175.00'	6°19'43"	19.33'	S 18°53'49" E, 19.32'
С3	1116.00'	0*45'17"	14.70'	S 65°01'40" E, 14.70'
C4	175.00'	16°24'46"	50.13'	N 82°12'57" W, 49.96'
C5	225.00'	3°17'43"	12.94'	N 01°13'28" E, 12.94'
C6	495.00'	11 ° 53'23"	102.72'	N 84°28'41" W, 102.54'
C7	100.00'	43*45'42"	76.38'	S 70*51'01" E, 74.54'
C8	80.00'	15*19'29"	21.40'	S 85°04'07" E, 21.33'
С9	25.00'	61 ° 33'47"	26.86'	N 71°48'44" E, 25.59'
C10	25.00'	61 ° 33'47"	26.86'	S 10°14'57" W, 25.59'
C11	80.00'	15 ° 19'29"	21.40'	S 12°52'12" E, 21.33'
C12	100.00'	43*45'42"	76.38'	S 27°05'19" E, 74.54'
C13	550.00'	1°31'09"	14.58'	S 48*12'35" E, 14.58'
C14	570.00'	15*49'34"	157.44'	S 37*52'59" E, 156.94'
C15	200.00'	11°07'13"	38.82'	N 27°37'17" W, 38.76'
C16	200.00'	32*45'31"	114.35'	N 16°48'08" W, 112.80'
C17	200.00'	22*54'52"	79.99'	N 78*57'57" W, 79.45'
C18	300.00	39°09'34"	205.04'	N 87°05'18" W, 201.07'
C19	285.00'	21°51'58"	108.77	N 10°01'54" E, 108.11'
C20	228.00'	22°54'52"	91.18'	N 78*57'57" W, 90.58'
C21	500.00'	22*54'52"	199.97'	N 78*57'57" W, 198.64
C22	200.00	22°54'52"	79.99'	N 78°57'57" W, 79.45'

LONG CHORD		CURVE	RA
N 16*39'17" W, 42.40'		C23	54
S 18°53'49" E, 19.32'		C24	65
S 65°01'40" E, 14.70'		C25	35
N 82°12'57" W, 49.96'		C26	17
N 01°13'28" E, 12.94'		C27	23
N 84°28'41" W, 102.54'		C28	20
S 70°51'01" E, 74.54'		C29	109
S 85°04'07" E, 21.33'		C30	81
N 71°48'44" E, 25.59'		C31	22
S 10°14'57" W, 25.59'		C32	20
S 12°52'12" E, 21.33'		C33	47
S 27°05'19" E, 74.54'		C34	27
S 4812'35" E, 14.58'		C35	10
S 37°52'59" E, 156.94'		C36	80
N 27*37'17" W, 38.76'		C37	10
N 16°48'08" W, 112.80'		C38	10
N 78*57'57" W, 79.45'		C39	80
N 87°05'18" W, 201.07'		C40	2
N 10°01'54" E, 108.11'		C41	10
N 78°57'57" W, 90.58'		C42	80
N 78°57'57" W, 198.64'		C43	2
N 78*57'57" W, 79.45'		C44	52
	=		

	LOT / BLO	CK ANALYSIS			LOT / BLO	CK ANALYSIS				LOT / BLO	CK ANALYSIS				LOT / BLO	CK ANALYSIS		
LOT	BLOCK	SQUARE FEET	ACRES	LOT	BLOCK	SQUARE FEET	ACRES	T	LOT	BLOCK	SQUARE FEET	ACRES		LOT	BLOCK	SQUARE FEET	ACRES	LOT
12	BLOCK R	6,550	0.150	25	BLOCK S	7,300	0.168	Ī	7	BLOCK T	5,689	0.131	Ī	1X	BLOCK T	11,061	0.254	12
1	BLOCK S	6,610	0.152	26	BLOCK S	5,550	0.127	Ī	8	BLOCK T	5,862	0.135		1	BLOCK U	6,610	0.152	13
2	BLOCK S	5,550	0.127	27	BLOCK S	5,550	0.127	Ī	9	BLOCK T	5,861	0.135		2	BLOCK U	5,550	0.127	14
3	BLOCK S	5,550	0.127	28	BLOCK S	5,550	0.127		10	BLOCK T	5,863	0.135		3	BLOCK U	5,550	0.127	15
4	BLOCK S	5,550	0.127	29	BLOCK S	5,550	0.127		11	BLOCK T	5,868	0.135		4	BLOCK U	5,647	0.130	16
5	BLOCK S	5,550	0.127	30	BLOCK S	5,798	0.133		12	BLOCK T	5,843	0.134		5	BLOCK U	5,944	0.136	17
6	BLOCK S	5,550	0.127	31	BLOCK S	6,051	0.139		13	BLOCK T	5,868	0.135		6	BLOCK U	5,958	0.137	1
7	BLOCK S	5,550	0.127	32	BLOCK S	6,053	0.139		14	BLOCK T	5,866	0.135		7	BLOCK U	5,956	0.137	2
8	BLOCK S	5,550	0.127	33	BLOCK S	6,041	0.139	Γ	15	BLOCK T	6,278	0.144		8	BLOCK U	5,956	0.137	3
9	BLOCK S	5,550	0.127	34	BLOCK S	6,041	0.139		16	BLOCK T	8,077	0.185		9	BLOCK U	5,956	0.137	4
10	BLOCK S	5,550	0.127	35	BLOCK S	6,053	0.139	Ī	17	BLOCK T	9,565	0.220		10	BLOCK U	5,956	0.137	5
11	BLOCK S	5,864	0.135	36	BLOCK S	5,886	0.135		18	BLOCK T	11,847	0.272		11	BLOCK U	5,956	0.137	6
12	BLOCK S	6,112	0.140	37	BLOCK S	5,550	0.127		19	BLOCK T	9,874	0.227	Ī	12	BLOCK U	6,012	0.138	7
13	BLOCK S	6,112	0.140	38	BLOCK S	5,550	0.127		20	BLOCK T	5,864	0.135		1X	BLOCK U	16,104	0.370	8
14	BLOCK S	6,112	0.140	39	BLOCK S	5,550	0.127		21	BLOCK T	5,864	0.135		1	BLOCK V	6,610	0.152	9
15	BLOCK S	6,112	0.140	40	BLOCK S	5,550	0.127		22	BLOCK T	5,861	0.135		2	BLOCK V	5,938	0.136	10
16	BLOCK S	5,616	0.129	41	BLOCK S	5,550	0.127		23	BLOCK T	5,862	0.135		3	BLOCK V	5,938	0.136	11
17	BLOCK S	5,550	0.127	1X	BLOCK S	23,069	0.530		24	BLOCK T	5,861	0.135		4	BLOCK V	6,310	0.145	12
18	BLOCK S	5,550	0.127	2X	BLOCK S	4,996	0.115		25	BLOCK T	5,860	0.135		5	BLOCK V	6,699	0.154	13
19	BLOCK S	5,550	0.127	1	BLOCK T	7,215	0.166		26	BLOCK T	5,783	0.133		6	BLOCK V	6,913	0.159	14
20	BLOCK S	5,550	0.127	2	BLOCK T	5,550	0.127		27	BLOCK T	5,550	0.127		7	BLOCK V	6,909	0.159	15
21	BLOCK S	5,550	0.127	3	BLOCK T	5,550	0.127		28	BLOCK T	5,550	0.127		8	BLOCK V	6,914	0.159	16
22	BLOCK S	5,550	0.127	4	BLOCK T	5,550	0.127		29	BLOCK T	5,550	0.127		9	BLOCK V	6,138	0.141	17
23	BLOCK S	7,007	0.161	5	BLOCK T	5,550	0.127		30	BLOCK T	5,550	0.127		10	BLOCK V	6,893	0.158	18
24	BLOCK S	9,594	0.220	6	BLOCK T	5,550	0.127		31	BLOCK T	5,550	0.127		11	BLOCK V	6,333	0.145	19

22 BLOCK W 6,021 0.138 23 BLOCK W 6,035 0.139 24 BLOCK W 6,032 0.138 25 BLOCK W 6,032 0.138 26 BLOCK W 6,032 0.138 27 BLOCK W 6,031 0.138 28 BLOCK W 6,031 0.138
24 BLOCK W 6,032 0.138 25 BLOCK W 6,032 0.138 26 BLOCK W 6,032 0.138 27 BLOCK W 6,031 0.138 28 BLOCK W 6,031 0.138
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28 BLOCK W 6,031 0.138
29 BLOCK W 6,030 0.138
30 BLOCK W 6,030 0.138
31 BLOCK W 6,034 0.139
32 BLOCK W 7,475 0.172
1X BLOCK W 9,898 0.227
1X BLOCK X 20,053 0.460
1X BLOCK X 20,053 0.460

LINE TABLE		TABLE LINE TABLE				E		LINE TABLE	∃			LINE TABL	E
LINE	BEARING	DISTANCE		LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE	Ī	LINE	BEARING	DISTANCE
L1	S 67*56'19" W	50.00'		L21	N 45*25'23" W	21.21'	L41	S 44*34'37" W	14.14'	Ī	L61	N 20*53'30" E	69.12'
L2	S 37*44'26" W	12.36'		L22	N 00°25'23" W	8.98'	L42	S 89°34'37" W	15.00'	Ī	L62	N 32°41′56″ E	69.12'
L3	N 67°30'31" W	83.59'		L23	S 89*34'37" W	60.00'	L43	S 00°25'23" E	50.00'	Ī	L63	N 39°49'00" E	14.24'
L4	N 22°30'31" W	14.14'		L24	S 00°25'23" E	8.98'	L44	S 44°34'37" W	21.21'	Ī	L64	N 41°01'50" E	40.47
L5	N 22*29'29" E	15.00'		L25	S 44°34'37" W	21.21'	L45	N 03*58'10" W	21.21'	Ī	L65	S 88°43'05" E	30.94
L6	N 67*30'31" W	50.00'		L26	S 25°20'59" W	50.00'	L46	N 86°01'50" E	21.21'	Ī	L66	S 85°00'46" E	41.42'
L7	S 22*29'29" W	15.00'		L27	S 21°25'55" E	14.33'	L47	S 89*58'32" E	21.83'	Ī	L67	S 81°18'38" E	46.93'
L8	S 67*29'29" W	14.14'		L28	S 22*47'52" W	34.97	L48	N 46*43'04" E	5.02'		L68	S 77*54'24" E	51.22'
L9	N 67°30'31" W	15.00'		L29	S 56°11'15" W	16.70'	L49	S 00°25'23" E	2.67'	Ī	L69	S 74°30′10″ E	49.99'
L10	S 22°29'29" W	50.00'		L30	S 89*34'37" W	74.64'	L50	S 00°25'23" E	44.65'	Ī	L70	S 71°05'56" E	44.48'
L11	S 67°30'31" E	15.00'		L31	N 74°00'31" W	43.16'	L51	N 00°25'23" W	35.34'	Ī	L71	S 67*41'42" E	38.98'
L12	S 22*30'31" E	14.14'		L32	N 34*55'54" W	15.53'	L52	S 46°43'04" W	50.04'	Ī	L72	S 64°17'29" E	33.47'
L13	S 22*29'29" W	24.97		L33	N 00°25'23" W	19.14'	L53	N 44°31'30" W	21.34'	Ī	L73	S 60°53'16" E	28.75'
L14	S 56°02'03" W	16.67'		L34	S 89°34'37" W	50.00'	L54	S 86°19'09" W	25.10'	Ī	L74	S 56°44'42" E	58.87
L15	N 45*25'23" W	14.14'		L35	S 00°25'23" E	18.47	L55	N 54°06'57" E	8.18'	Ī	L75	N 89°34'37" E	58.70'
L16	N 00°25'23" W	14.34'		L36	S 51°31'29" W	12.72'	L56	S 22*30'31" E	21.57'	Ī	L76	S 79°05'26" E	57.68'
L17	S 89*34'37" W	50.00'		L37	N 45*25'23" W	14.14'	L57	S 85°05'29" W	21.01'	Ī	L77	S 74°15'03" E	57.67
L18	S 00°25'23" E	14.34'		L38	N 00°25'23" W	15.00'	L58	S 00°25'23" E	40.34	Ī	L78	S 69°24'42" E	57.66'
L19	S 44°34'37" W	14.14'		L39	S 89*34'37" W	50.00'	L59	N 01°22'47" E	21.14'	Ī	L79	S 64°34'22" E	57.67
L20	S 89°34'37" W	105.00'		L40	S 00°25'23" E	15.00'	L60	N 09°05'07" E	69.11'	Ī	L80	S 59*44'00" E	57.67

LINE TABLE						
LINE	BEARING	DISTANCE				
L81	S 54*53'39" E	57.67'				
L82	S 50°43'19" E	41.78'				
L83	S 89°56'26" E	6.92'				
L84	S 84°58'55" E	64.15'				
L85	S 76°01'46" E	64.15'				
L86	S 67°04'37" E	64.15'				
L87	S 58°07'28" E	64.15'				
L88	S 51°18'32" E	33.55'				
L89	S 87°41'10" E	44.41'				
L90	S 79°48'50" E	83.24'				
L91	S 71°05'37" E	58.15'				
L92	S 67°30'31" E	57.36'				
L93	S 86°52'12" E	45.12'				
L94	S 78°04'12" E	66.57				
L95	S 70°09'57" E	33.75'				

LONG CHORD		CURVE	RADIUS	DELTA ANGLE	ARC LENGTH	LONG CHORD
N 16*39'17" W, 42.40'		C23	547.00'	41*27'13"	395.76'	N 69*41'46" W, 387.1
S 18°53'49" E, 19.32'		C24	658.00'	41*27'13"	476.06'	N 20°18'14" E, 465.7
S 65°01'40" E, 14.70'		C25	350.00'	24*15'43"	148.21'	N 78*44'25" W, 147.1
N 82*12'57" W, 49.96'		C26	170.00'	16*58'01"	50.34'	N 82°23'16" W, 50.1
N 01°13'28" E, 12.94'		C27	230.00'	16*58'01"	68.11'	N 82°23'16" W, 67.8
N 84°28'41" W, 102.54'		C28	200.00'	41°27'13"	144.70'	S 2018'14" W, 141.5
S 70°51'01" E, 74.54'		C29	1091.00'	12*03'42"	229.67'	N 58*37'10" W, 229.2
S 85°04'07" E, 21.33'		C30	819.00'	34*45'35"	496.87	S 66°20'57" E, 489.2
N 71°48'44" E, 25.59'		C31	220.00'	96*41'38"	371.28'	N 47°55'26" E, 328.7
S 10°14'57" W, 25.59'		C32	200.00'	22*54'52"	79.99'	S 11°02'03" W, 79.4
S 12°52'12" E, 21.33'		C33	472.00'	41*27'13"	341.49'	N 20°18'14" E, 334.0
S 27°05'19" E, 74.54'		C34	275.00'	41*27'13"	198.96'	S 69°41'46" E, 194.6
S 4812'35" E, 14.58'		C35	100.00'	46°01'01"	80.31'	N 25°57'39" W, 78.1
S 37*52'59" E, 156.94'		C36	80.00'	92*02'03"	128.50'	N 48°58'10" W, 115.1
N 27*37'17" W, 38.76'		C37	100.00'	46°01'01"	80.31	N 71°58'40" W, 78.1
N 16°48'08" W, 112.80'		C38	100.00'	43*45'42"	76.38'	S 27°05'19" E, 74.5
N 78*57'57" W, 79.45'		C39	80.00'	15*19'29"	21.40'	S 12*52'12" E, 21.33
N 87°05'18" W, 201.07'		C40	25.00'	61 ° 33'47"	26.86'	S 10°14'57" W, 25.5
N 10°01'54" E, 108.11'		C41	100.00'	43*45'42"	76.38'	S 70°51'01" E, 74.5
N 78*57'57" W, 90.58'		C42	80.00'	15 ° 19'29"	21.40'	S 85°04'07" E, 21.3
N 78°57'57" W, 198.64'		C43	25.00'	61 ° 33'47"	26.86'	N 71°48'44" E, 25.5
	1					

N 86°01'50" E, a distance of 21.21 feet to a 1/2" capped rebar set, stamped "MCADAMS";

N 41°01'50" E, a distance of 107.00 feet to a 1/2" capped rebar set, stamped "MCADAMS";

N 48*58'10" W, a distance of 75.23 feet to a 1/2" capped rebar set, stamped "MCADAMS";

N 41°01'50" E, a distance of 50.00 feet to a 1/2" capped rebar set, stamped "MCADAMS"; N 48'58'10" W, a distance of 96.00 feet to a 1/2" capped rebar set, stamped "MCADAMS";

N 41°01'50" E, a distance of 272.00 feet to a 1/2" capped rebar set, stamped "MCADAMS";

157.08 feet, whose chord bears N 03'58'10" W, 141.42 feet to a 1/2" capped rebar set, stamped "MCADAMS";

Northwesterly, with the arc of a curve to the left, having a radius of 100.00 feet, a central angle of 90°00'00", and an arc length of

THENCE S 88'30'31" W, with the east line of said Honeycreek tract, same being the west line of said Lot 4, a distance of 53.18 feet to a 1/2" capped rebar found, stamped "RPLS 5686" at the outer ell corner of said Lot 4: THENCE S 03°08'20" W, with the east line of said Honeycreek tract, same being the west line of said Lot 4, a distance of 139.39 feet to That MEGATEL HOMES, acting herein by and through its duly authorized officers, does hereby adopt this plat designating the herein above described property as VENETIAN AT WESTON, an addition to the City of Weston, Collin County, Texas, and does hereby dedicate, in fee simple, to the public use forever the streets, alleys, and public use areas shown hereon, and does hereby dedicate the easements shown on the plat for the purposes indicated to the public use forever, said dedications being free and clear of all liens and encumbrances, except as shown herein. No buildings, fences, trees, shrubs, or other improvements shall be constructed or placed upon, over, or across the easements on said plat. Utility easements may also be used for the mutual use and accomodation of all public utilities desiring to use or using the same unless the easement limits the use to a particular utility or utilities, said use by public utilities being subordinate to the public's and City of Weston's use thereof. The City of Winston and any public utility shall have the right to remove and keep removed all or part of any buildings, fences, trees, shrubs or other improvements or growths which in any way endanger or interfere with the construction, maintennace, or efficiance of its respective system on any of these easements and the City of Weston or any public utility shall at all times have the right of ingress and egress to anf from and upon any of said easements for the purpose of constructing, reconstructing, inspecting, patrolling, maintaining, and adding to or removing all or part of its respective system without the MEGATEL HOMES, does hereby bind itself, its successors and assigns to forever warrant and defend, all and singular, the above—described streets, alleys, easements and rights unto the public, against every person whomsoever lawfully claiming or to claim the same or any part This plat approved subject to all platting ordinances, rules, regulations and resolutions of the City of Weston. Witness my hand, this the ______day of _____, 2022. COUNTY OF COLLIN § BEFORE ME, THE UNDERSIGNED AUTHORITY, personally appeared ZACH IPOUR, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged that he executed the same for the purpose and consideration therein expressed and in the GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 2022. Notary Public State of Texas My commission expires the _____ day of _____, _____.

NOTES:

- 1. Bearings based on Texas Coordinate System, North Central Zone (4202), NAD '83.
- 2. Original copies of survey maps and descriptions prepared by the surveyor and firm whose names appear hereon will contain an embossed surveyor's seal. Any map or description copy without that embossed seal is likely a copy not prepared in the office of the surveyor and may contain alterations or deletions made without the knowledge or oversight of the surveyor.
- 3. According to Community/Panel No. 48085C0135 J, effective June 2, 2009, of the FLOOD INSURANCE RATE MAP for Collin County, Texas & Incorporated Areas, by graphic plotting only, this property appears to be within Flood Zone "X" (areas of minimal flooding), This flood statement does not imply that the property and/or the structures thereon will be free from flooding or flood damage. On rare occasions, greater floods can and will occur and flood heights may be increased by man-made or natural causes.
- This flood statement shall not create liability on the part of the surveyor.
- 4. Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that an accurate abstract of title may disclose.
- 5. All corner clips are 10'x10'.

APPROVED AND ACCEPTED

City of Weston, Texas

City Secretary

City of Weston, Texas

SURVEYOR'S STATEMENT

James Stowell, RPLS

STATE OF TEXAS

COUNTY OF COLLIN §

PRELIMINARY DOCUMENT:

Texas Registration No. 6513

Notary Public State of Texas

JAMES STOWELL, RPLS 6513 3/7/22

I, James Stowell, a Registered Professional Land Surveyor in the State of Texas, have

prepared this plat of the above property from an actual survey on the ground, and

THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT

this plat represents that survey made by me or under my supervision.

BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT.

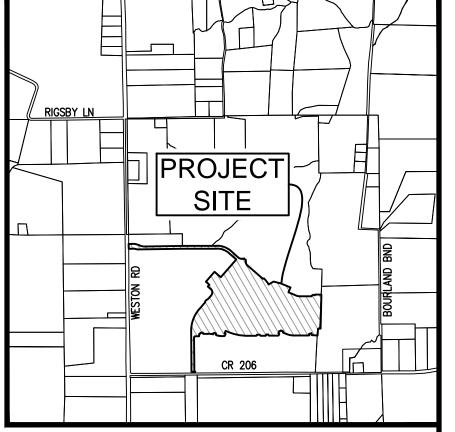
BEFORE ME, THE UNDERSIGNED AUTHORITY, personally appeared ______

purpose and consideration therein expressed and in the capacity therein stated.

My commission expires the _____ day of _____, ____.

whose name is subscribed to the foregoing instrument and acknowledged that he executed the same for the

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 2022.



VICINITY MAP SCALE: 1" = 2000'

A FINAL PLAT OF **VENETIAN AT WESTON**

Lots 4-16, 1X, Block P Lots 1-20, 1X-3X, Block Q Lots 1-12. Block R Lots 1-41, 1X-2X, Block S Lots 1-31, 1X, Block T Lots 1-12, 1X, Block U Lots 1-17, 1X, Block V Lots 1-32. 1X. Block W Lot 1X. Block X Lots 1-16, 1X, Block FF Lot 1X. Block GG Lots 1-17. Block HH Lots 1-39, 1X, Block II Lots 1-17. Block JJ Lots 1-26, Block KK Lots 11-18. Block LL

301 Residential & 13 Open Space 70.078 Acres

in the

Roanoke, Ťexas 76262 940. 240. 1012 TBPE: 19762 TBPLS: 10194440

The John R. McAdams

Company, Inc.

111 Hillside Drive

Lewisville, Texas 75057

972. 436. 9712

201 Country View Drive

PAGE 9 OF 9

PHASE 2A

J. WILSON SURVEY, ABSTRACT NO. 963 CITY OF WESTON COLLIN COUNTY. TEXAS

DRAWN BY: BC DATE: 10/28/2021 SCALE: NTS JOB. No. MEH21001

OWNER/DEVELOPER MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201 Ph. 972-339-0159 Contact: MR. ZACH IPOUR

__, known to me to be the person

GENERAL

All construction shall be in accordance with the North Central Texas Council of Governments Standard Specifications for Public Works Construction" (NCTCOG Standards) latest Edition unless modified by city of Weston Engineering Design Standards, notes, and details. Where the City has modified the NCTCOG Standards the City modifications shall be used.

- Before beginning construction, the contractor shall prepare a construction sequence schedule. The construction sequence schedule shall be such that there is the minimum interference with traffic along or adjacent to the project.
- Construction may not begin earlier than 7:00 A.M. on weekdays nor continued after dark without permission from the city of Weston. Construction on Saturday may not begin before 8:00 A.M. nor continue after dark and work on Sunday is prohibited without special permission.
- The contractor is responsible for verifying the location of all underground utilities and structures and protecting them from damage during construction.
- Work may not be backfilled or covered until it has been inspected by the City.
- Material testing shall be performed by an independent testing laboratory and paid for by the Contractor.
- All excavation on the project is unclassified.
- Temporary erosion control shall be used to minimize the spread of silt and mud from the project on to existing streets, alleys, drainage ways and public and private property. Temporary erosion controls may include straw bales, berms, dikes, swales, strips of undisturbed vegetation, check dams and other methods as required by the City of Weston.
- Finished Slopes on public rights-of-way and easements shall not be steeper than 4:1. All slopes steeper than 6:1 shall be hydro mulched, watered and maintained by the contractor until grass covers all parts of the slope with at least 70% coverage.
- The contractor shall maintain two-way traffic at all times along the project.
- 11. Remove, salvage and replace all street and traffic control signs which may be damaged by the construction of the project.
- All trenching and excavation shall be performed in accordance with OSHA standards.
- All backfill will be compacted at a moisture content of +2% or higher of optimum moisture as determined by ASTM D-698 where ASTM D-698 is the applicable method. TEX 113-E and 114-E may be used for granular materials.

- A two year 100% maintenance bond shall be provided to the City to guarantee the performance and repair of all public facilities upon completion and acceptance of the project by the City.
- 15. The minimum geotechnical material testing requirements will be those identified in NCTCOG with the exception of the following: for utility and other trenches (public and private) under pavement, backfill shall be tested at 100-foot spacing in each lift. For manholes and junction boxes the spiral testing method shall be utilized; however, two tests per lift 180 degrees apart will be taken. Trenches outside the pavement can be tested at the recommended frequency in NCTCOG.

<u>GRADING</u>

- Top soil shall not be removed from residential lots or used as spoil, but shall be stripped and redistributed so as to provide at least six (6) inches of cover on the lots, parkways, and medians. Permanent erosion control measures shall be provided throughout the development prior to final acceptance of the improvements.
- Temporary erosion control shall be used to minimize the spread of silt and mud from the project on to existing streets, alleys, drainage ways and public and private property. Temporary erosion controls may include silt fences, straw bales, berms, dikes, swales, strips of undisturbed vegetation, check dams and other methods as required by the City Engineer and as specified in the North Central Texas Council of Governments Construction BMP Manual.
- All street rights-of-way, regardless of slope, all finished grade slopes that are steeper than 6H:1V, and the flow lines of all drainage ditches and swales shall be seeded and completely covered with erosion control matting as specified in the North Central Texas Council of Governments Construction BMP
- Grass shall be established on the slopes of all drainage channels. Grass shall meet the requirements of the Standard Specifications of the NCTCOG.
- Finished slopes on public rights-of-way and easements shall not be steeper than 4H:1V. All slopes steeper than 6H:1V shall be hydro mulched, watered and maintained by the Contractor until grass covers all parts of the slope. Grass must be lush, green, vigorous and growing. No bare spots over one square foot will be allowed. All ruts from washing must be filled and grassed.
- All permeable surfaces within the development shall be graded to a smooth and uniform appearance that can be easily mowed with a small residential riding lawn mower.
- If franchise utilities are installed after planting grass, any areas disturbed by the installation of the franchise utilities shall be repaired and grass re-established before acceptance of the improvements.
- Where retaining walls are required as part of the lot grading plan, the walls are to be constructed at the same time as the public improvements. The Final Plat shall contain wall maintenance easements and indicate the ownership and maintenance responsibility for the walls.

PAVING

- All embankment shall be compacted to 95% Standard Proctor Density at a moisture content of +2% or higher of optimum moisture content.
- Unless excessive sulfate content is found during subgrade testing, all streets and alleys shall be placed on lime stabilized subgrade with a lime content of not less than 6% and a PI<15. For small projects

where the cost of lime stabilization is prohibitive, two additional inches of concrete may be substituted for the lime treated subgrade.

- The minimum 28day compressive strength of concrete street paving shall not be less than 3,600 PSI and shall be air entrained. Water may not be applied to the surface of concrete paving to improve workability.
- Concrete used for pavement shall be NCTCOG Class C, six sack mix with a minimum 28 day strength of 3,600 psi.
- Fly ash will not be allowed in place of cement.
- All curb and gutter shall be integral with the pavement.
- All street pavement must be cross-sloped or constructed on a parabolic crown section.
- Streets and alleys shall be constructed with provisions for sidewalk ramps at all intersections.
- All reinforcing rebar to be minimum No. 4 on 18-inch spacing each way.

<u>DRAINAGE</u>

- Storm sewer pipe shall be reinforced concrete, Class III unless otherwise noted.
- Storm sewer embedment to be: Class B+.
- All structural concrete shall be Class "C" (3,600 PSI compressive strength at 28 days), air entrained.
- The contractor shall install plugs in storm sewer lines or otherwise prevent mud from entering the storm sewer system during construction.
- Storm sewer and laterals shall be videotaped before acceptance and again at least six months prior to expiration of the two year maintenance bond. Defects shall be repaired by the Contractor.

WATER AND SANITARY SEWER

- Water mains shall be AWWA C-900 PVC class 150 unless otherwise noted. Minimum cover for waterlines is 48" or as required to clear existing utilities, whichever is greater.
- Marking tape shall be installed over PVC water lines.
- Fittings for PVC water lines shall be full body ductile iron and be encased in a polyethylene sheath.
- Valves shall be resilient seat gate valves.
- All direct burial valves shall be provided with cast iron valve boxes with PVC stacks. Valve stacks shall be vertical and concentric with the valve stem. Stainless steel valve extensions are required on all valves where the operating nut is greater than 4 feet below finished grade.
- Fire hydrants shall be field painted per City of Weston specifications.

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All exposed bolting on any buried equipment or material shall be stainless steel. Included are:

Bonnet and stuffing box bolts on valves

Shoe bolts on Fire Hydrants Flange bolts

"Cor-ten" mechanical joint "T" bolts are acceptable for direct burial service. Meter boxes shall be as approved by the City of Weston. Contact the City Engineer for specifications.

Water service connections to be seamless 200 psi blue colored polyethylene ASTM D2737 SDR9, CTS water service pipe, NSF61 approved.

- Sanitary sewer mains shall be SDR 26 PVC.
- A geotextile fabric shall be placed below all new manholes.

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- All sanitary sewer service connections between the main and ROW line to be six (6) inches in diameter.
- All sanitary sewer mains and service connections to be videotaped prior to acceptance and again at least six months prior to expiration of the maintenance bond. Defects shall be repaired by the Contractor.
- The Contractor shall install and maintain water tight plugs in all connections to the City's sanitary sewer system until the project is accepted by the City.

All sanitary sewer lines and manholes shall be leak tested before the project is accepted.

- Deflection testing of PVC sewer lines is required. 16. All sanitary sewer manholes shall be made with ConShield or approved equal additive to concrete.
- All sanitary sewer manholes shall have joints protected with Gator Wrap or approved equal.
- All fittings for pressure pipe to be full body.
- No meter boxes, cleanouts, or service connections will be allowed in sidewalks or driveways.
- Mega-lugs required on all MJ fittings.
- The following types of backfill are required at a minimum:
- Water Line and Sewer Force Main: B-4 Sanitary Sewer: Class B+ modified to have fine gradation crushed stone 6" above the
- Use of other materials will be considered upon proper engineering justification.
- Design must meet all applicable requirements of TCEQ Chapters 290 and 217.

CONSTRUCTION ENGINEERING

The Design Engineer will be responsible for previewing and approving all submittals for Materials used for public improvements on the project. After review and approval, the Design Engineer will forward one copy to the City of Engineer for concurrence. After the material submittals are approved, the Developer can request a preconstruction conference. At a minimum, the Design Engineer, Developer Representative, member of each construction discipline, and a representative of the Geotechnical Materials Testing Laboratory shall attend the preconstruction conference. Copies of the approved plans, approved material submittals, and permits such as NOI will be distributed at the meeting.

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2. The Contractor and Design Engineer will be responsible for reviewing all Geotechnical test results to ensure the proper number of passing tests are taken.

Upon completion of the project, prior to acceptance of the public improvements, the Design Engineer shall prepare and submit the final project report described in Section 1.8 Record Drawings and Closeout

OWNER/DEVELOPER MEGATEL HOMES 2101 CEDAR SPRINGS RD.

DALLAS, TEXAS 75201

Ph. 972-339-0159 Contact: MR. ZACH IPOUR C0.02

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MEH2100²

GENERAL NOTES

- THE TERM MUNICIPALITY REFERS TO THE CITY OF WESTON
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE MUNICIPALITY AND SHALL BE IN ACCORDANCE WITH THE MUNICIPAL STANDARD DETAILS AND SPECIFICATIONS FOR CONSTRUCTION. ALL WORK NOT COVERED IN THE CONTRACT DOCUMENTS AND MUNICIPAL STANDARD DETAILS AND SPECIFICATIONS FOR CONSTRUCTION SHALL BE GOVERNED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- EXISTING UTILITY LOCATIONS SHOWN ARE GENERALLY SCHEMATIC IN NATURE AND MAY NOT ACCURATELY REFLECT THE SIZE AND LOCATION OF EACH PARTICULAR UTILITY. EXISTING UTILITIES SHOWN HAVE BEEN BASED ON AVAILABLE RECORD DRAWINGS AND SURFACE APPURTENANCE FIELD TIES ONLY. SOME UTILITY LINES AND SURFACE LOCATIONS MAY NOT BE SHOWN. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ACTUAL FIELD LOCATIONS AND PROTECTION OF EXISTING UTILITIES WHETHER SHOWN OR NOT. THE CONTRACTOR SHALL ALSO ASSUME RESPONSIBILITY FOR REPAIRS TO EXISTING UTILITIES WHETHER SHOWN OR NOT, DAMAGED BY THE CONTRACTOR'S ACTIVITIES. DIFFERENCES IN HORIZONTAL OR VERTICAL LOCATIONS OF EXISTING UTILITIES SHALL NOT BE BASIS FOR ADDITIONAL COMPENSATIONS TO THE CONTRACTOR.
- THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY MONUMENTATION AND PRIMARY CONTROL. ANY SUCH POINTS WHICH THE CONTRACTOR BELIEVES WILL BE DESTROYED SHALL HAVE OFFSET POINTS ESTABLISHED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY MONUMENTATION DESTROYED BY THE CONTRACTOR SHALL BE REESTABLISHED AT CONTRACTORS EXPENSE BY A REGISTERED PROFESSIONAL LAND SURVEYOR.
- 5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO: A.) PREVENT ANY DAMAGES TO PRIVATE PROPERTY AND PROPERTY OWNER'S POLES, FENCES, SHRUBS, ETC. B.) PROTECT ALL UNDERGROUND UTILITIES. C.) NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO EXCAVATION IN ACCORDANCE WITH TEXAS LAW. D.) FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES IN THE VICINITY OF CONSTRUCTION ACTIVITIES PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY ENGINEER OF ANY UNIDENTIFIED POTENTIAL CONFLICTS THAT MAY EXIST BETWEEN THE EXISTING UTILITIES AND CONSTRUCTION PLANS.
- ANY DAMAGES THAT MAY OCCUR TO REAL PROPERTY OR EXISTING IMPROVEMENTS, INCLUDING EXISTING PRIVATE AND PUBLIC LANDSCAPE IRRIGATION SYSTEMS, SHALL BE RESTORED BY THE CONTRACTOR TO AT LEAST THE SAME CONDITION THAT THE REAL PROPERTY OR EXISTING IMPROVEMENT WERE IN PRIOR TO THE DAMAGES. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR THE ADJUSTMENT OF SPRINKLER HEADS TO FINAL GRADE AND RELOCATION IF NECESSARY.
- THE CONTRACTOR SHALL MAINTAIN DRAINAGE AT ALL TIMES DURING CONSTRUCTION. THE PONDING OF WATER IN STREETS, DRIVES, TRENCHES, ETC, WILL NOT BE ALLOWED. THE CONTRACTOR SHALL MAINTAIN EXISTING DRIVEWAYS ACCESS AT ALL TIME.
- 8. THE CONTRACTOR SHALL MAINTAIN EXISTING SANITARY SEWER AND WATER SERVICES AT ALL TIMES DURING CONSTRUCTION.
-). AREAS OF THE SITE THAT WILL UNDERLIE FILL SHALL BE SCARIFIED TO A DEPTH OF 8 INCHES, FILL SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 8 INCHES IN UNCOMPACTED THICKNESS. ALL FILL MATERIAL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH A MOISTURE CONTENT FROM -3% TO +1% OF OPTIMUM OR PER GEOTECH RECOMMENDATION. FIELD DENSITY TESTS PER
- 10. THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS GOVERNING EXCAVATION. THE CONTRACTOR SHALL PROVIDE DETAILED PLANS AND SPECIFICATION FOR TRENCH SAFETY SYSTEMS THAT COMPLY WITH APPLICABLE LAWS GOVERNING EXCAVATION. THESE PLANS SHALL BE SEALED BY AN ENGINEER EXPERIENCED IN THE DESIGN OF TRENCH SAFETY SYSTEM, REGISTERED IN THE STATE OF TEXAS. THE CONTRACTOR SHALL SUBMIT COMPLETED TRENCH SAFETY PLANS TO THE MUNICIPALITY PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL ASPECTS OF WORK RELATED TO EXCAVATION. ALL EXCAVATIONS, TRENCHING AND SHORING OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE U.S. DEPARTMENT OF LABOR, OSHA, "CONSTRUCTION SAFETY AND HEALTH REGULATIONS".
- 1. WORK MAY NOT BE BACKFILLED OR COVERED UNTIL IT HAS BEEN INSPECTED BY THE MUNICIPALITY.
- 12. ALL EXCAVATION ON THE PROJECT IS UNCLASSIFIED.
- 13. ALL CURB AND GUTTER SHALL BE INTEGRAL WITH THE CONCRETE PAVEMENT.
- 14. CONTRACTOR SHALL COORDINATE THE PROTECTION OF EXISTING FRANCHISE UTILITIES AND APPURTENANCES INCLUDING EXISTING UTILITY POLES IN THE VICINITY OF CONSTRUCTION OPERATIONS WHETHER UTILITIES ARE SHOWN ON PLANS OR NOT. ANY DAMAGE INCURRED TO EXISTING FRANCHISE UTILITIES, APPURTENANCES, UTILITY POLES, LIGHT STANDARDS, ETC., BY CONSTRUCTION RELATED ACTIVITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 15. THE CONTRACTOR SHALL LOCATE AND RECORD EXISTING IRRIGATION SYSTEMS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL TEMPORARILY REMOVE AND CAP IRRIGATION SYSTEM AS NECESSARY FOR CONSTRUCTION AND SHALL REPLACE THE PORTION REMOVED WITH EQUIVALENT SYSTEMS. CONTRACTOR SHALL COORDINATE ANY IRRIGATION WORK WITH THE MUNICIPALITY AND PROPERTY OWNER'S REPRESENTATIVES.
- 16. THE CONTRACTOR MUST CEASE ALL CONSTRUCTION OPERATIONS IMMEDIATELY IF A SUSPECTED ARCHEOLOGICAL OBJECT/ARTIFACT IS UNCOVERED DURING CONSTRUCTION. THE CONTRACTOR MUST IMMEDIATELY CONTACT THE TEXAS HISTORICAL COMMISSION AND THE MUNICIPALITY, PROJECT WORK WILL NOT COMMENCE UNTIL PROPER PERMITS ARE IN PLACE AND PROVIDED TO THE MUNICIPALITY.
- 17. ALL PAVING DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
- 18. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE COMPLIANCE WITH ALL HANDICAPPED ACCESSIBILITY REQUIREMENTS INCLUDING SIGNAGE, TEXTURES, COLORING, MARKINGS, AND SLOPES OF ADA/TAS 2012 ACCESSIBLE ROUTES & RAMPS, AND PARKING SPACES.
- 19. ALL PIPE LENGTHS MEASURED FROM STATION TO STATION BASED ON THE CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.
- 20. CONTRACTOR SHALL NOTIFY ENGINEER IF ANY DISCREPANCIES ARISE.

GENERAL NOTES FOR WATER IMPROVEMENTS

ALL WATER LINES SHALL BE PVC PIPE CONFORMING TO A.W.W.A. STANDARD C-900 DR-18 MINIMUM, WITH NSF SEAL, PRESSURE TESTED AND DISINFECTED IN ACCORDANCE WITH MUNICIPAL AND/OR NCTCOG STD. SPECS., UNLESS OTHERWISE NOTED WITHIN THE CONSTRUCTION PLANS.

<u>GENERAL NOTES FOR PAVING IMPROVEMENTS</u>

- . THE SUB GRADE SHALL BE PROOF ROLLED AND OBSERVED BY THE CONSTRUCTION INSPECTOR PRIOR TO AND AFTER SUB-GRADE STABILIZATION.
- INDIVIDUAL WATER AND SEWER SERVICES AND WATER VALVES SHALL BE MARKED IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.
- . THE CONTRACTOR SHALL PROCEED WITH PAVING NO MORE THAN SEVENTY—TWO (72) HOURS AFTER DENSITY/MOISTURE TESTS HAVE BEEN TAKEN AND PASSED BY A REGISTERED TESTING FIRM. COPIES OF THE TEST RESULTS SHALL BE FURNISHED TO THE MUNICIPALITY. IN THE EVENT PAVING OPERATIONS HAVE NOT COMMENCED WITHIN THE SEVENTY-TWO (72) HOUR LIMIT, A RETEST SHALL BE REQUIRED AT THE CONTRACTOR'S EXPENSE.
- . MANHOLE RIM ELEVATIONS, CLEAN—OUTS, VALVE BOXES, FIRE HYDRANTS, ETC. SHALL BE ADJUSTED TO FINISHED GRADE BY THE PAVING CONTRACTOR AT THE TIME OF PAVING.
- 5. THE PAVING CONTRACTOR SHALL INSTALL A BLUE REFLECTOR IN THE STREET OR FIRE LANE CENTERLINE AT THE LOCATION OF EACH FIRE HYDRANT.
- 6. THE CONTRACTOR SHALL PREPARE ALL TRAFFIC CONTROL PLANS AND SUBMIT TO THE MUNICIPALITY PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMITS FOR WORK WITHIN THE MUNICIPALITY. THE PLAN SHALL BE PREPARED IN ACCORDANCE WITH THE CURRENT EDITION OF THE M.U.T.C.D AND AS MODIFIED BY THE TXDOT SUPPLEMENT TO THE M.U.T.C.D. THE PLAN SHALL ADDRESS THE REQUIREMENTS FOR ALL SIGNS, BARRICADES, FLAGMEN, LIGHTS, HOURS OF CONSTRUCTION, AND OTHER DEVICES AS NECESSARY FOR SAFE TRAFFIC CONTROL.

GENERAL NOTES FOR SANITARY SEWER IMPROVEMENTS

- 1. SANITARY SEWER PVC PIPE SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.
- 2. AFTER COMPLETION OF ALL SANITARY SEWER TESTING (I.E. MANDREL AND AIR) CONTRACTOR SHALL PERFORM A TELEVISION INSPECTION AND PROVIDE A VIDEOTAPE TO THE MUNICIPALITY. ALL MANHOLES SHALL BE VACUUM TESTED.
- 3. ONE JOINT OF 150-PSI PRESSURE RATED PIPE SHALL BE INSTALLED AND CENTERED UNDER ALL PROPOSED WATER PIPE CROSSINGS.
- 4. CONTRACTOR TO PLACE A 3/4" PLYWOOD FALSE BOTTOM IN ALL SANITARY SEWER MANHOLES BEFORE PAVING CONTRACTOR BEGINS
- 5. ANY CONNECTION TIE-IN TO AN EXISTING MANHOLE MUST BE CORED.
- 6. ALL CLEAN-OUTS TO BE PROVIDED PER MUNICIPAL REQUIREMENTS

PROJECT GENERAL NOTES

- 1. THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) MUST APPROVE ANY WORK TO BE DONE IN THE STATE HIGHWAY RIGHT-OF-WAY. AN APPLICATION AND APPROPRIATE PLANS MUST BE SUBMITTED DIRECTLY TO TXDOT FOR REVIEW AND APPROVED BY THE MUNICIPALITY WHERE THE WORK WILL BE PERFORMED.
- 2. THE LOCATION OF UNDERGROUND FACILITIES INDICATED ON THE PLANS IS TAKEN FROM PUBLIC RECORDS. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAKE ARRANGEMENTS WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES PRIOR TO WORKING IN THE AREA TO CONFIRM THEIR EXACT LOCATION AND TO DETERMINE WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL UNDERGROUND FACILITIES. IF THE EXISTING UNDERGROUND UTILITIES ARE DAMAGED, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPAIRING THE UTILITY.
- WHERE EXISTING UTILITIES, SERVICE LINES OR IRRIGATION LINES ARE CUT, BROKEN OR DAMAGED, THE CONTRACTOR SHALL REPLACE OR REPAIR THE UTILITIES, SERVICE LINES OR IRRIGATION LINES WITH THE SAME TYPE OF ORIGINAL MATERIAL AND CONSTRUCTION, OR BETTER, UNLESS OTHERWISE SHOWN OR NOTED ON THE PLANS, AT HIS OWN COST AND EXPENSE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AT ONCE OF ANY CONFLICTS IN GRADES AND ALIGNMENTS.
- 4. ALL EXCAVATIONS, TRENCHING AND SHORING OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE U.S. DEPARTMENT OF LABOR, OSHA, "CONST. SAFETY AND HEALTH REGULATIONS." VOL. 29, SUBPART P. PG. 128-137, AND ANY AMENDMENTS THERETO. THE CONTRACTOR SHALL PREPARE AND IMPLEMENT A TRENCH SAFETY PLAN FOR THIS PROJECT.
- 5. THE CONTRACTOR SHALL RESTORE ALL AREAS, ONSITE AND OFFSITE, DISTURBED BY CONSTRUCTION TO ORIGINAL CONDITION OR BETTER. RESTORED AREAS INCLUDE, BUT ARE NOT LIMITED TO: TRENCH BACKFILL, SIDE SLOPES, FENCES, CULVERT PIPES, DRAINAGE SWALES, STAGING AREAS, DRIVEWAYS, PRIVATE YARDS AND ROADWAYS. UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE DRAWINGS, RESTORATION SHALL INCLUDE HYDROMULCHING ALL DISTURBED AREAS WITH A SLOPE OF LESS THAN 20% (1:5) AND SODDING AREAS WITH A SLOPE OF 20% (1:5) OR GREATER. ESTABLISHMENT OF GRASS THROUGH PROPER WATERING IS LEFT UP TO THE CONTRACT'S MEANS AND METHODS, UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE/IRRIGATION DRAWINGS.
- 6. THE CONTRACTOR SHALL KEEP RECORDS FOR AS-BUILTS DRAWINGS AND SHALL SUBMIT MARK-UPS TO THE MUNICIPALITY INSPECTOR PRIOR TO SCHEDULING A FINAL WALK THROUGH INSPECTION.
- 7. PRIOR TO CONSTRUCTION, A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH REPRESENTATIVES FROM ALL CONTRACTORS, THE ENGINEER, AND THE MUNICIPALITY.
- 8. ALL CONSTRUCTION MUST ADHERE TO THE TREE PRESERVATION REQUIREMENTS OF THE MUNICIPALITY.
- 9. THE CONTRACTOR, AND HIS AGENTS, AND SUB-CONTRACTOR, ARE COMPLETELY RESPONSIBLE FOR THE VERIFICATION OF THE ACCURACY OF THE DIMENSION CONTROL FURNISHED HEREIN. THE OWNER, ENGINEER AND THEIR AGENTS, ARE NOT RESPONSIBLE FOR THE ACCURACY OF THE COORDINATES FURNISHED. THE CONTRACTOR IS REQUIRED TO VERIFY ALL COORDINATES FOR ACCURACY AND CONFIRM THE LOCATIONS OF ALL UTILITIES TO BE CONSTRUCTED, BOTH HORIZONTAL AND VERTICALLY. DISCREPANCIES FOUND BY THE CONTRACTOR SHALL BE REPORTED, IN WRITING, TO THE OWNER IMMEDIATELY FOR RECONCILIATION.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REQUIRED FOR THIS PROJECT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL PREPARE, IMPLEMENT AND MAINTAIN THE SWPPP IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT TCEQ AND NPDES GENERAL PERMIT AS DESCRIBED IN THE FEDERAL REGISTER, PAGES 36489 THROUGH 36519.

TEXAS ACCESSIBILITY STANDARDS/AMERICAN WITH DISABILITIES ACT REQUIREMENTS

- 1. THE MAXIMUM ALLOWED CROSS SLOPE ON ANY PROPOSED SIDEWALK OR TRAIL IS 2%.
- 2. THE MAXIMUM ALLOWED PATH OF TRAVEL SLOPE IS 5%, UNLESS OTHERWISE NOTED ON THESE PLANS. ANY SLOPE GREATER THEN 5%, AND LESS THAN 8.25%, MUST HAVE HANDRAILS. NO SLOPE GREATER THAN 8.25% SHALL BE ALLOWED.
- 3. SLOPES BETWEEN 5% AND 8.25% ARE CONSIDERED RAMPS. NO RAMP CAN EXCEED 30' IN LENGTH AND NO RAMP CAN EXCEED A GRADE CHANGE OF MORE THAN 2'-6". LANDINGS ARE REQUIRED IF EITHER OF THESE ARE EXCEEDED.
- 4. LANDINGS MAY NOT EXCEED 2% SLOPE IN ANY DIRECTION.
- 5. RAILINGS, IF REQUIRED, ARE TO EXTEND A MINIMUM OF 1' INTO THE LANDING AREA.
- 6. CURB RAMPS ARE REQUIRED AT THE END AT ALL CROSSWALKS. ALL CURB RAMPS ARE TO HAVE A MAXIMUM OF 6" OF RISE OVER THE 6' LENGTH OF THE RAMP. THE MAXIMUM ALLOWED CROSS SLOPE IS 2%.
- 7. TRUNCATED DOMES ARE TO BE INSTALLED AT THE BOTTOM OF EACH RAMP. THE DOMES ARE TO EXTEND THE FULL WIDTH OF THE
- PROPOSED RAMP AND MUST BE OF A CONTRASTING COLOR TO THE RAMP PAVEMENT, SIMILAR COLORS WILL NOT BE ACCEPTED.
- 8. ANY WALKWAY, SIDEWALK OR TRAIL, LESS THAN 5' IN WIDTH MUST HAVE A 5'X5' PASSING ZONE EVERY 200', OR LESS.
- 9. A PAVED ACCESSIBLE PARKING SPACE MUST INCLUDE: 9.1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY PAINTED CONSPICUOUSLY ON THE SURFACE IN A COLOR THAT CONTRASTS THE
- 9.2. THE WORDS "NO PARKING" PAINTED ON ANY SURFACE AISLE ADJACENT TO THE PARKING SPACE. THE WORDS MUST BE PAINTED:
- 9.2.1. IN ALL CAPITAL LETTERS 9.2.2. WITH A LETTER HEIGHT OS AT LEAST 12 INCHES AND A STROKE WIDTH OF AT LEAST 2 INCHES; AND
- 9.2.3. CENTERED WITHIN EACH ACCESS AISLE ADJACENT TO THE PARKING SPACE; AND 9.3. A SIGN IDENTIFYING THE CONSEQUENCES OF PARKING ILLEGALLY IN A PAVED ACCESSIBLE SPACE. THE SIGN MUST:
- 9.3.1. AT A MINIMUM STATE "VIOLATORS SUBJECT TO FINE AND TOWING" IN A LETTER HEIGHT OF AT LEAST ONE INCH;
- 9.3.2. BE MOUNTED ON A POLE, POST, WALL OR FREE STANDING BOARD;
- 9.3.3. BE NO MORE THAT EIGHT INCHES BELOW A SIGN REQUIRED BY THE TEXAS ACCESSIBILITY STANDARDS, 502.6; AND 9.3.4. BE INSTALLED SO THAT THE BOTTOM EDGE OF THE SIGN IS NO LOWER THAN 48 INCHES AND NO HIGHER THAN 80 INCHES ABOVE GROUND LEVEL.

LEGEND ABBREVIATIONS: Capped Rebar Found Finished Grade Capped Rebar Set Finished Floor FΡ Control Point Finished Pad Flowline Benchmark Utility Easement Existing Top of Curb Drainage Easement Existing Top of Pavement Building Line R.O.W. Right-of-Way Deed Records Proposed Grade Plat Records Grade at Top of Pavement Pedestrian Access Easement Grade at Top of Asphalt Setback line Waterline Easement Grade at Top of Wall MAE Grade at Bottom of Wall Mutual Access Easement Grade at Retaining Wall Grade at Top of Grate <u>LINES & SYMBOLS:</u> <u>Existing:</u> Proposed: 501 Contours _____ Asphalt Pavement Wood Fence Chain Link Fence ____x___x___x___x___ Wire Fence ___x___x___x___ Masonry Wall ———————— Centerline of Creek, Swale, or Waterway ____ > ___ Waterline ----- SS -----Sanitary Sewer _____ _____ Storm Sewer ====== Overhead Power ——— E ——— _____ E ____ Buried Power _____ G ____ Gas Line **-**Ö-Fire Hydrant Water Valve **₩**M Water Meter SSMH Sanitary Sewer Manhole Guy Wire

Light Pole

Power Pole

Tree

Benchmark

GENERAL NOTES

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1. IF THERE ARE CONFLICTS BETWEEN THE GENERAL NOTES SHEETS, THE CITY OF WESTON GENERAL NOTES WILL TAKE PRECEDENT.

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PRELIMINARY PLANS

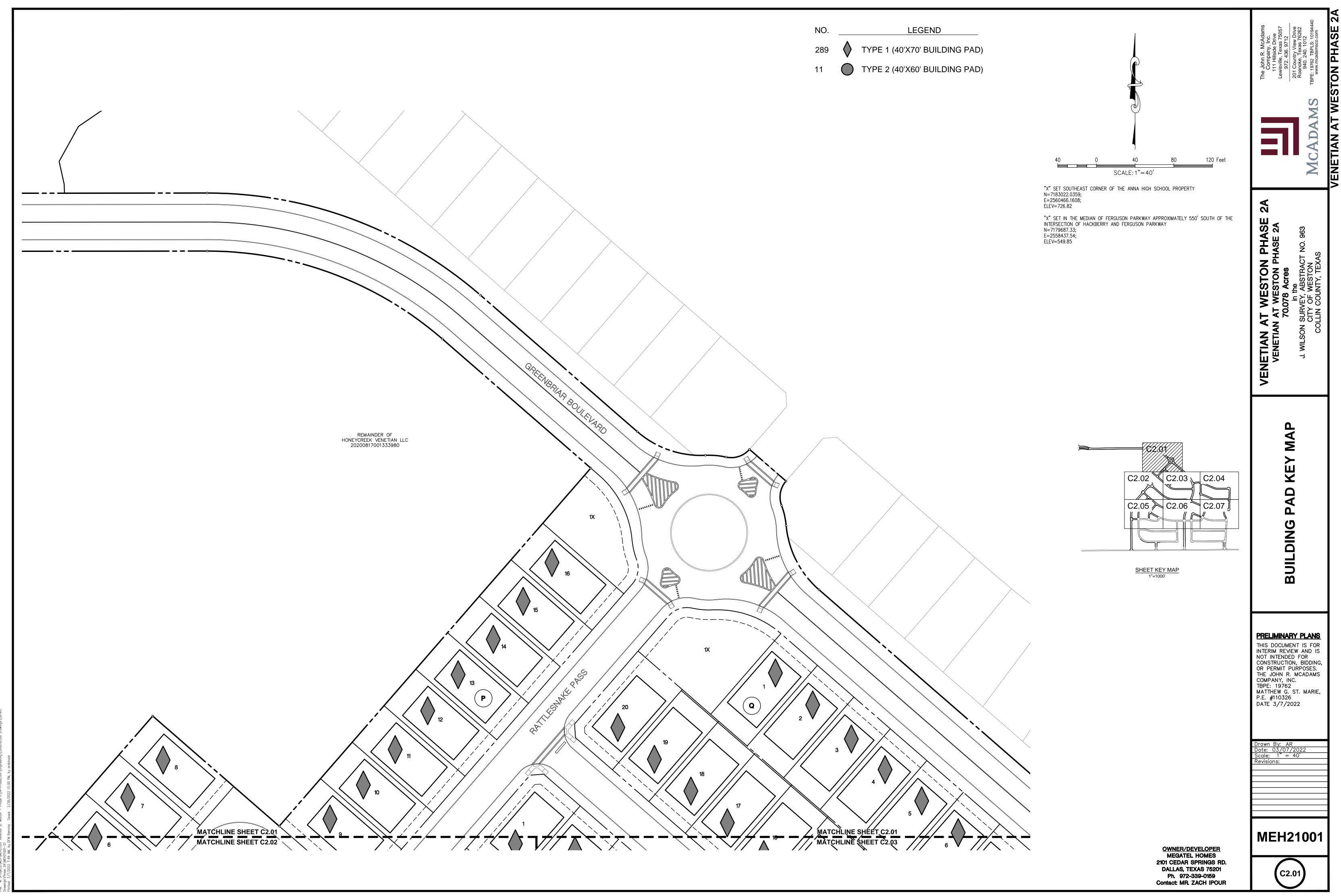
THIS DOCUMENT IS FOR INTERIM REVIEW AND IS NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES. THE JOHN R. MCADAMS COMPANY, INC. TBPE: 19762 MATTHEW G. ST. MARIE, P.E. #110326 DATE 3/7/2022

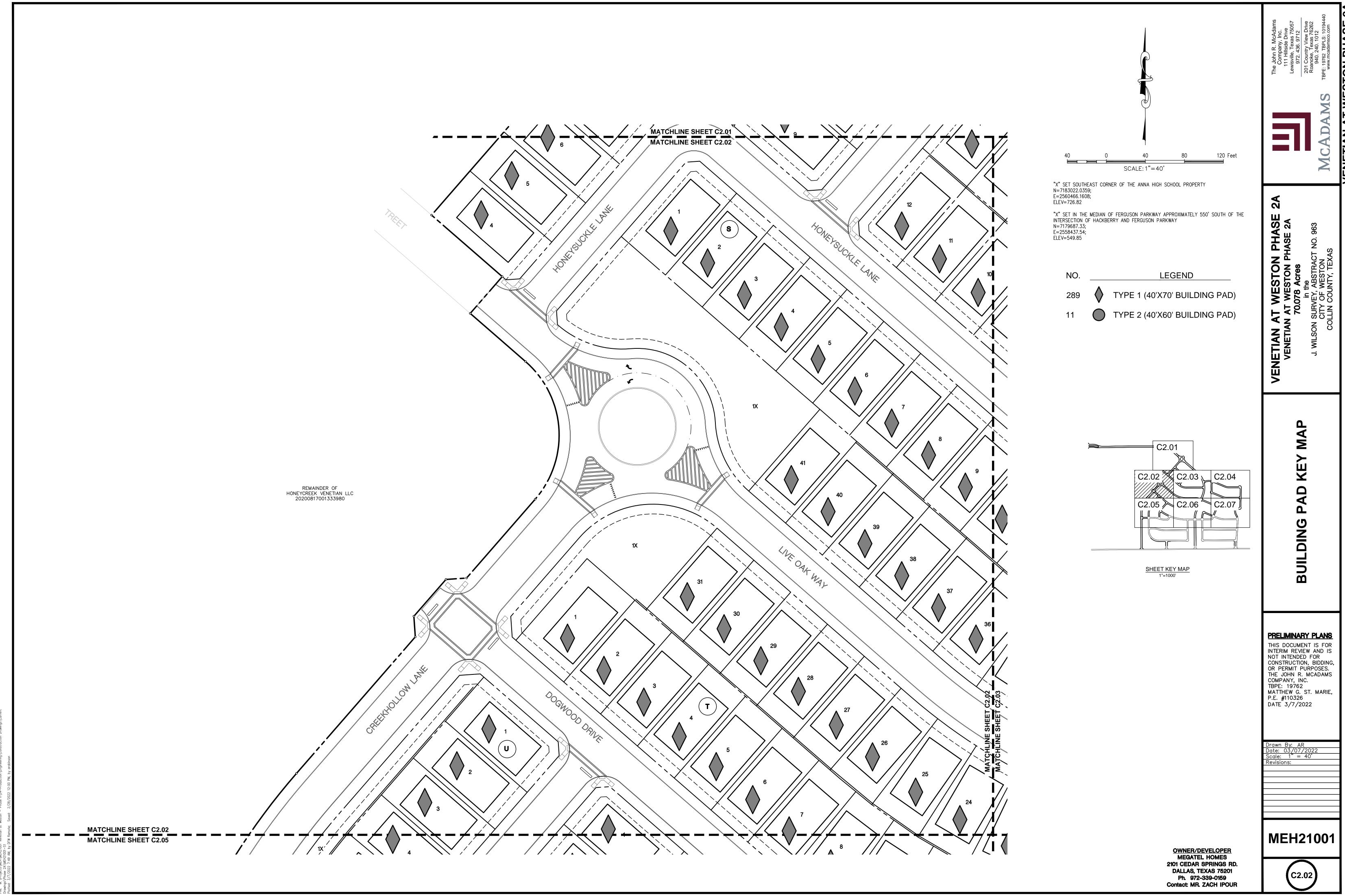
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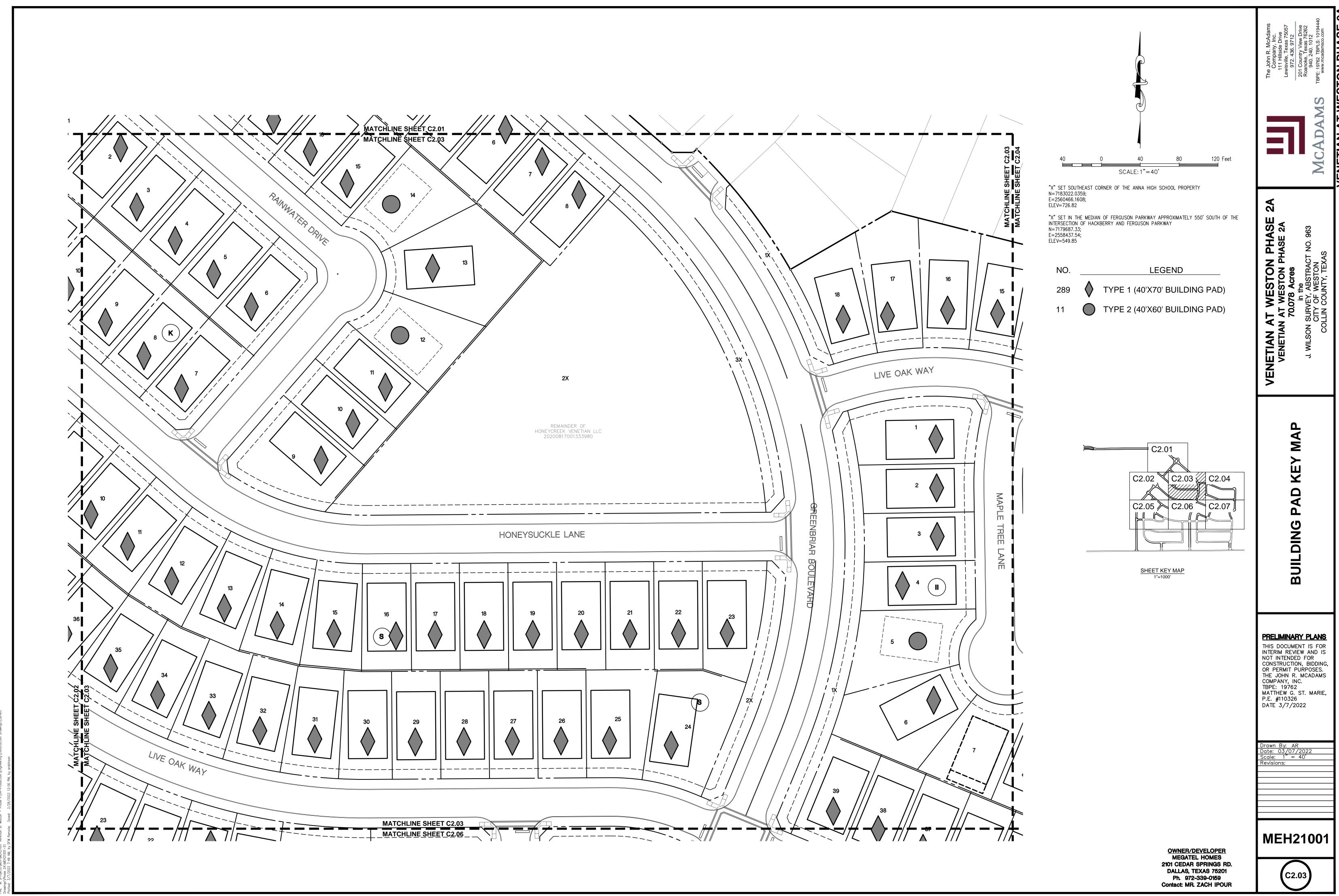
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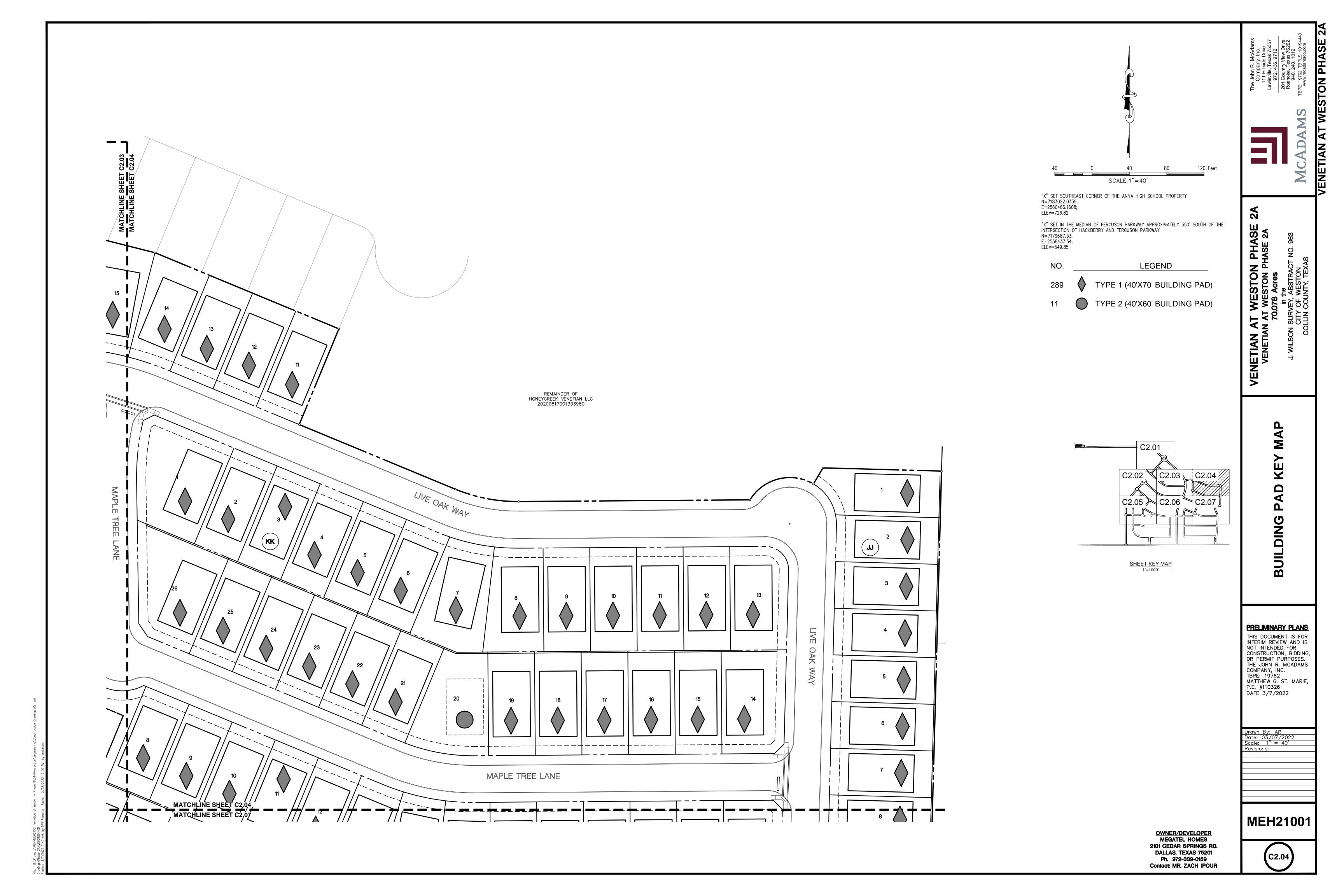
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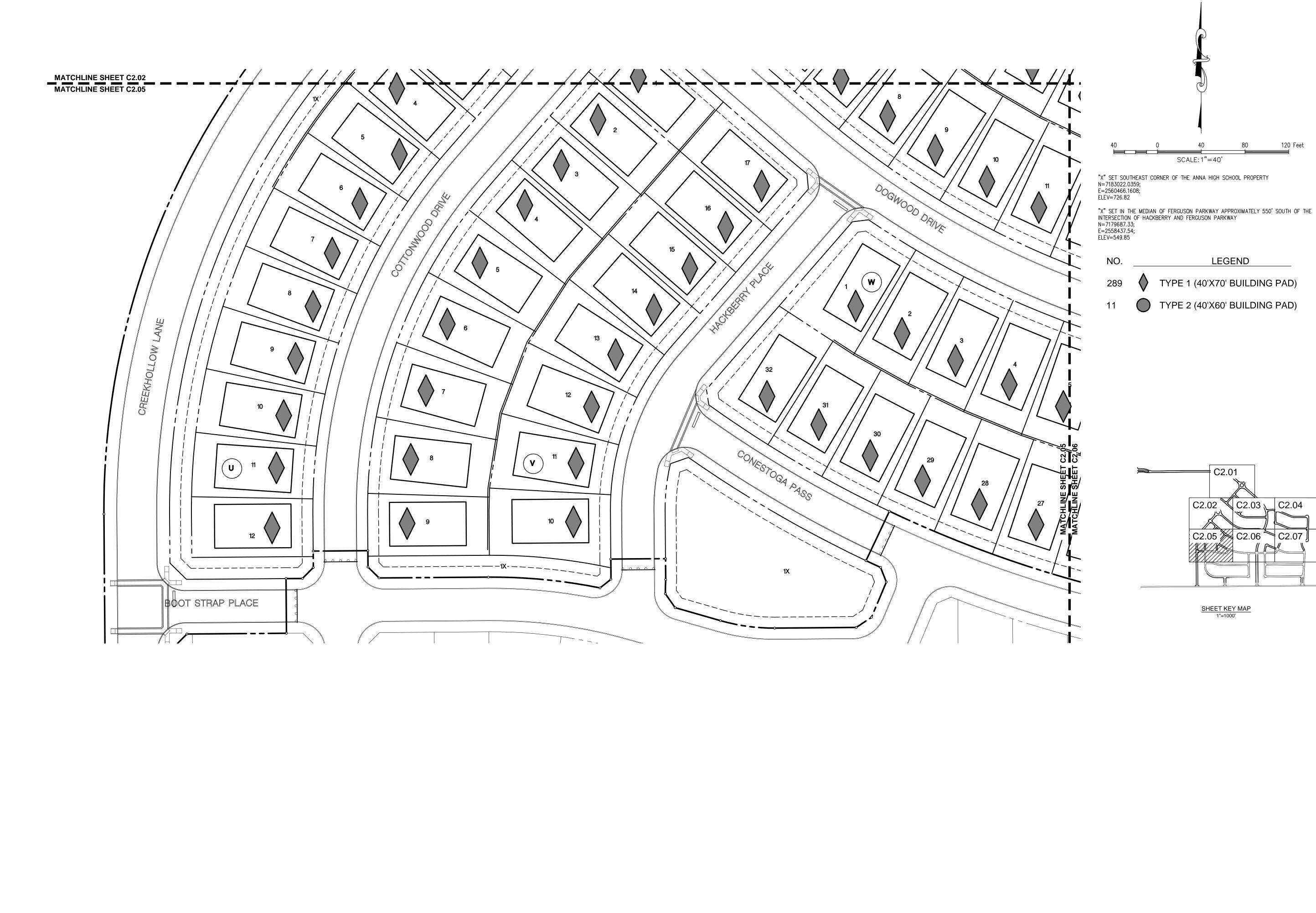
OWNER/DEVELOPER MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201 Ph. 972-339-0159 Contact: MR. ZACH IPOUR











OWNER/DEVELOPER
MEGATEL HOMES
2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159
Contact: MR. ZACH IPOUR

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MEH21001

VENETIAN AT WESTON PHASE

2A

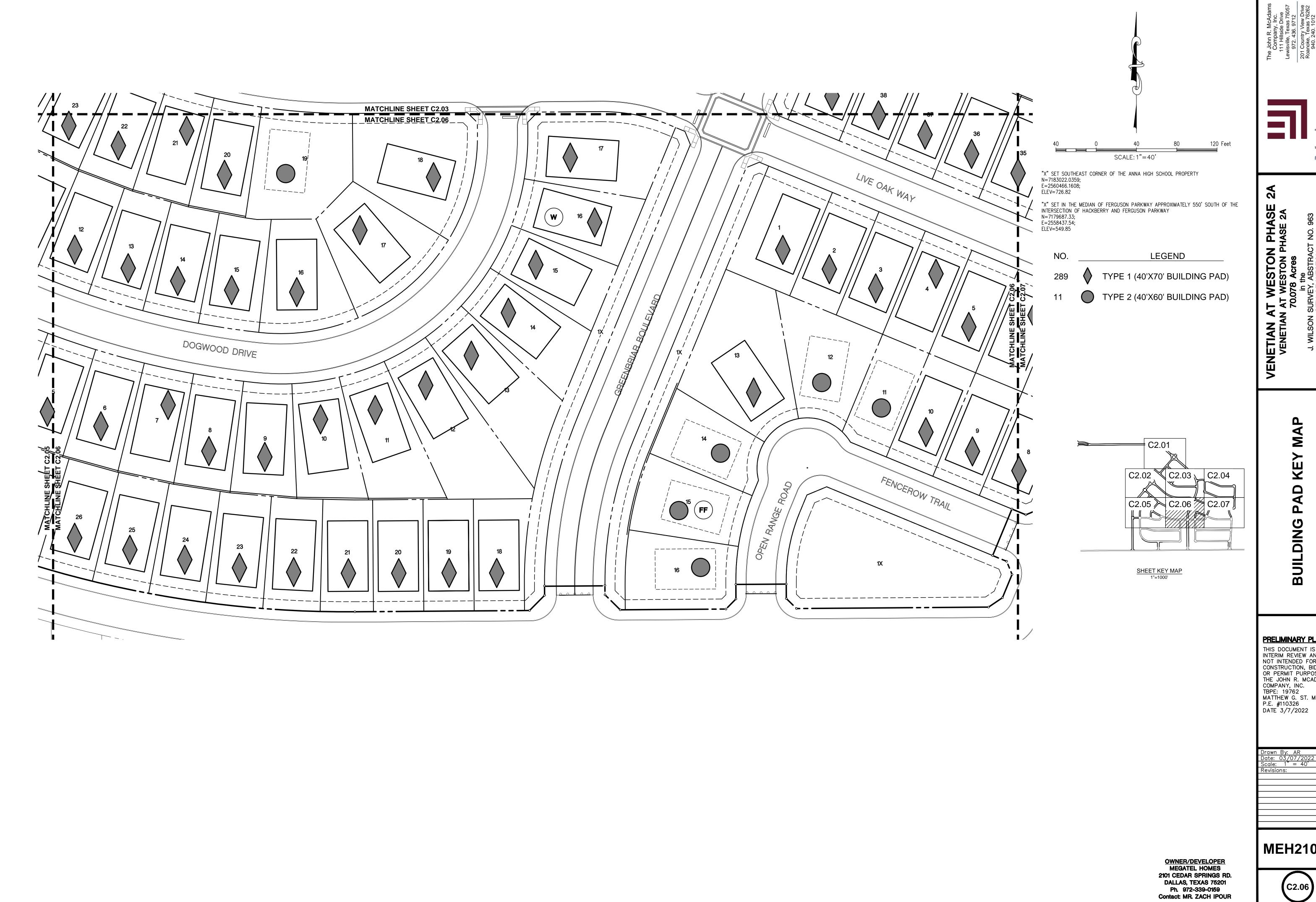
VENETIAN AT WESTON PHASE 2A
VENETIAN AT WESTON PHASE 2A
70.078 Acres
in the
J. WILSON SURVEY, ABSTRACT NO. 963
CITY OF WESTON
COLLIN COUNTY, TEXAS

BUILDING

PRELIMINARY PLANS

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Drawn By: AR
Date: 03/07/2022
Scale: 1" = 40'
Revisions:

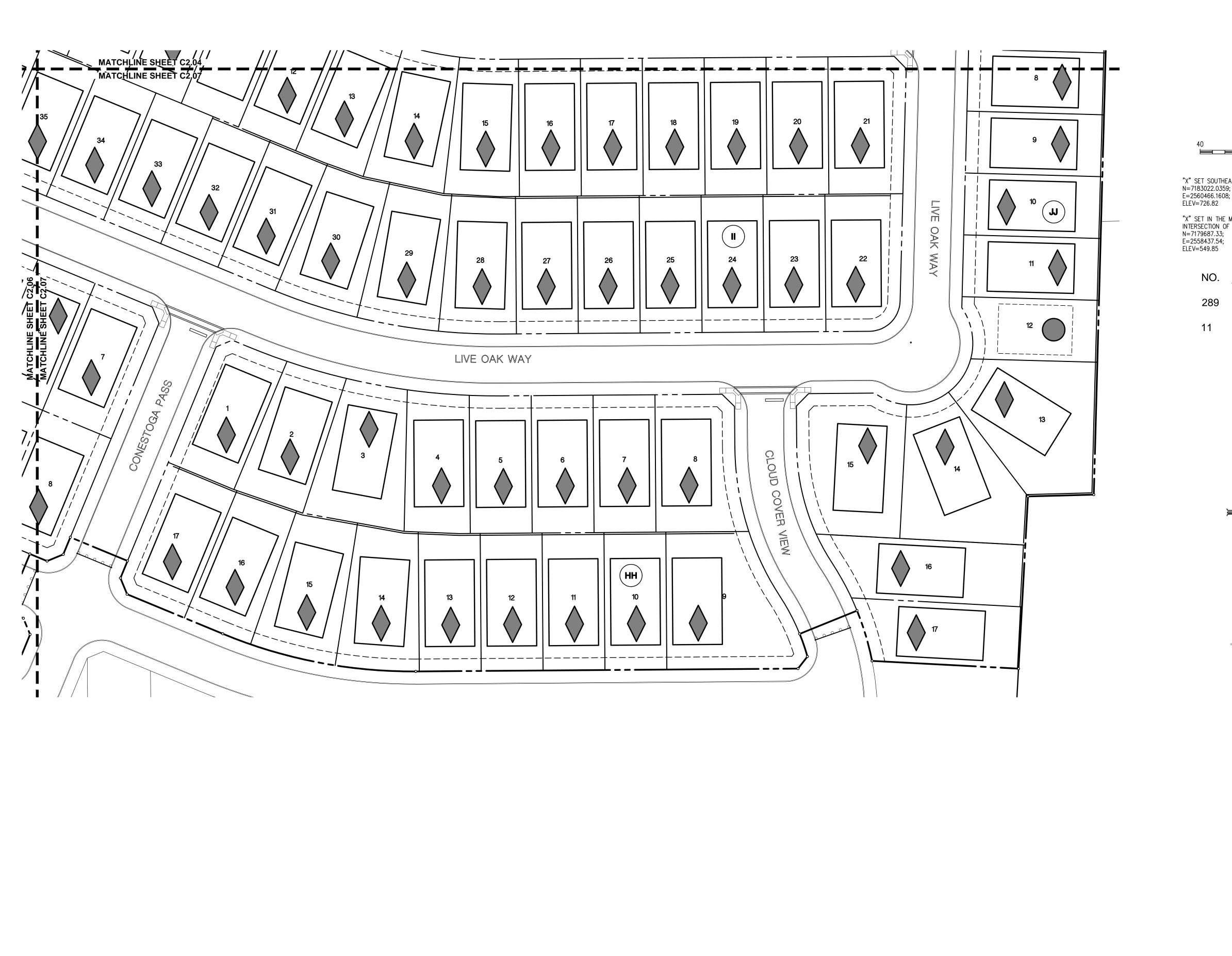


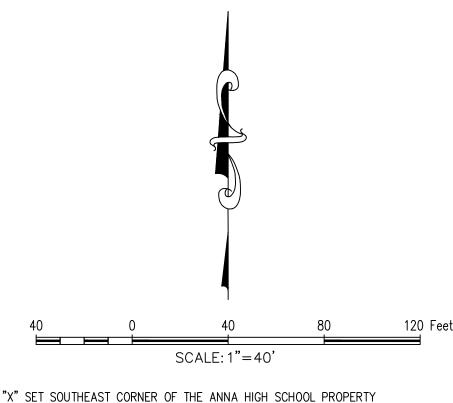
VENETIAN AT

PRELIMINARY PLANS

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MATTHEW G. ST. MARIE, P.E. #110326
DATE 3/7/2022







"X" SET SOUTHEAST CORNER OF THE ANNA HIGH SCHOOL PROPERTY N=7183022.0359; E=2560466.1608; ELEV=726.82

"X" SET IN THE MEDIAN OF FERGUSON PARKWAY APPROXIMATELY 550' SOUTH OF THE INTERSECTION OF HACKBERRY AND FERGUSON PARKWAY N=7179687.33; E=2558437.54; ELEV=549.85

LEGEND TYPE 1 (40'X70' BUILDING PAD) TYPE 2 (40'X60' BUILDING PAD)

C2.03 C2.04

OWNER/DEVELOPER MEGATEL HOMES

2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159
Contact: MR. ZACH IPOUR

SHEET KEY MAP 1"=1000'

2A

VENETIAN AT WESTON PHASE 2A
VENETIAN AT WESTON PHASE 2A
70.078 Acres

VENETIAN A

BUILDING

PRELIMINARY PLANS

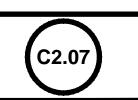
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DATE 3/7/2022

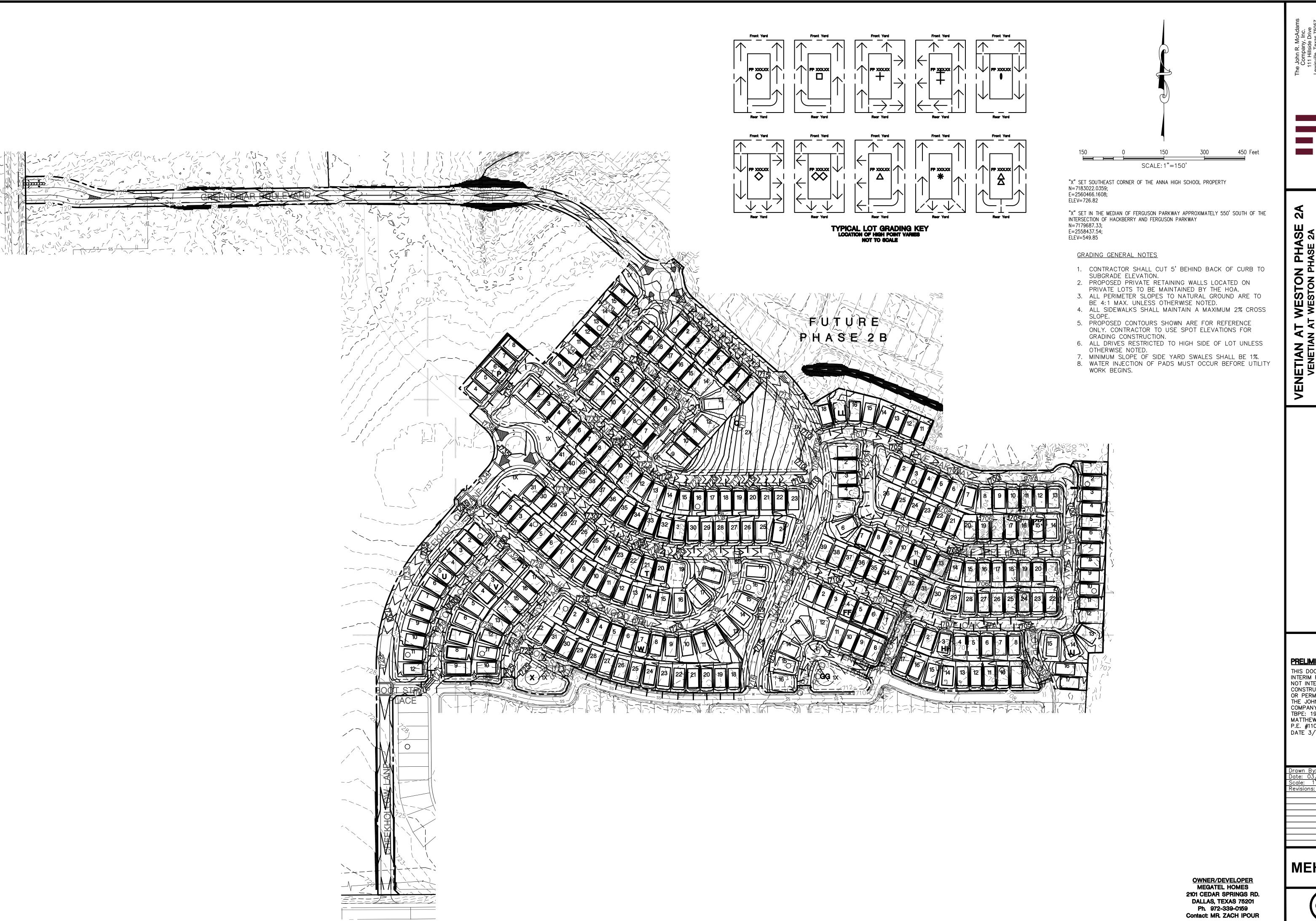
Drawn By: AR

Date: 03/07/2022

Scale: 1" = 40'

Revisions:





he John R. McAdams Company, Inc. 111 Hillside Drive ewisville, Texas 75057 972. 436. 9712 OI Country View Drive Soanoke, Texas 76262 940. 240. 1012 E: 19762 TBPLS: 10194440 www.mcadamsco.com

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VENETIAN

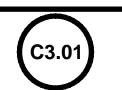
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70.078 Acres
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SURVEY, ABSTRACT NO. 963
CITY OF WESTON

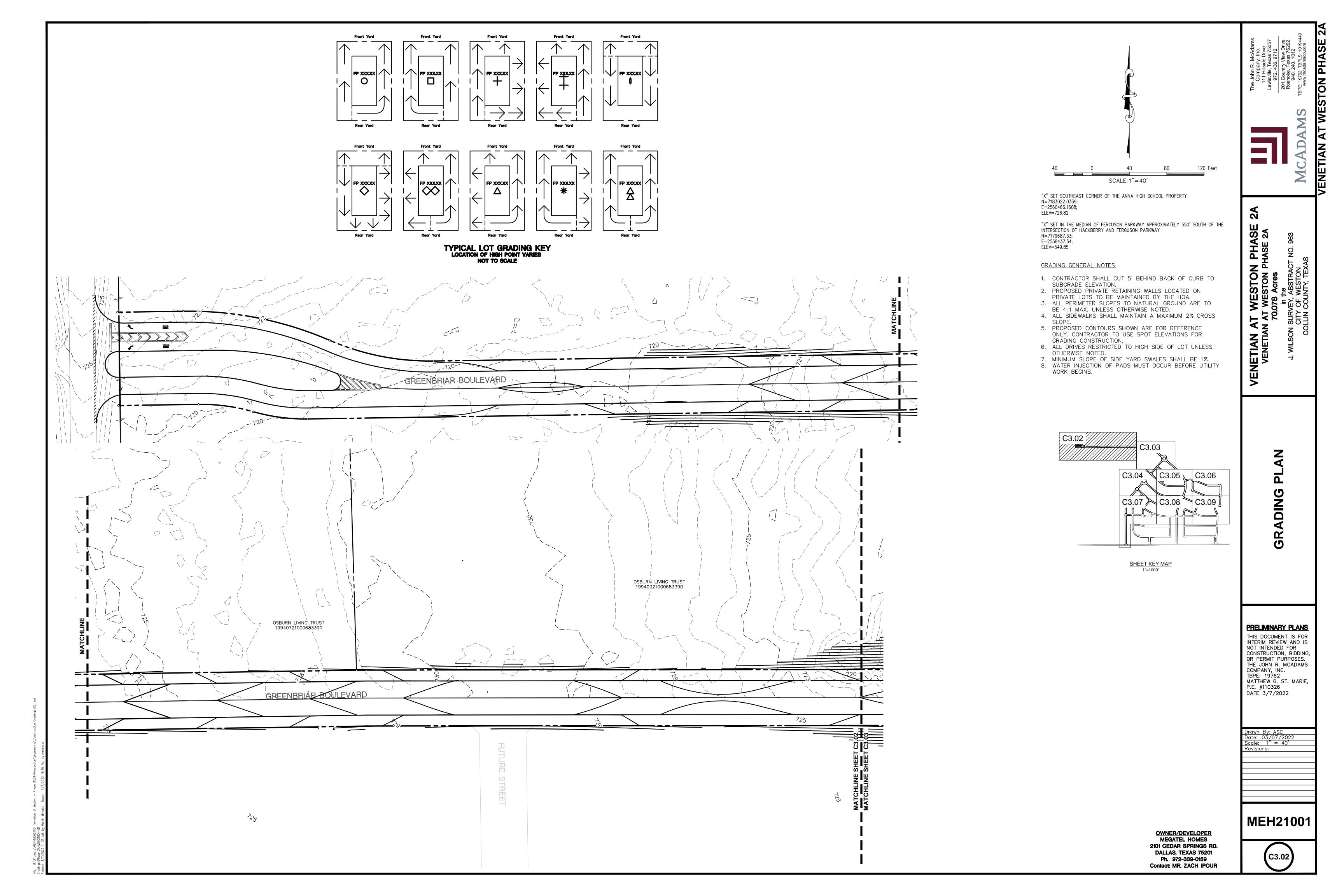
OVERALL GRADING PLAN

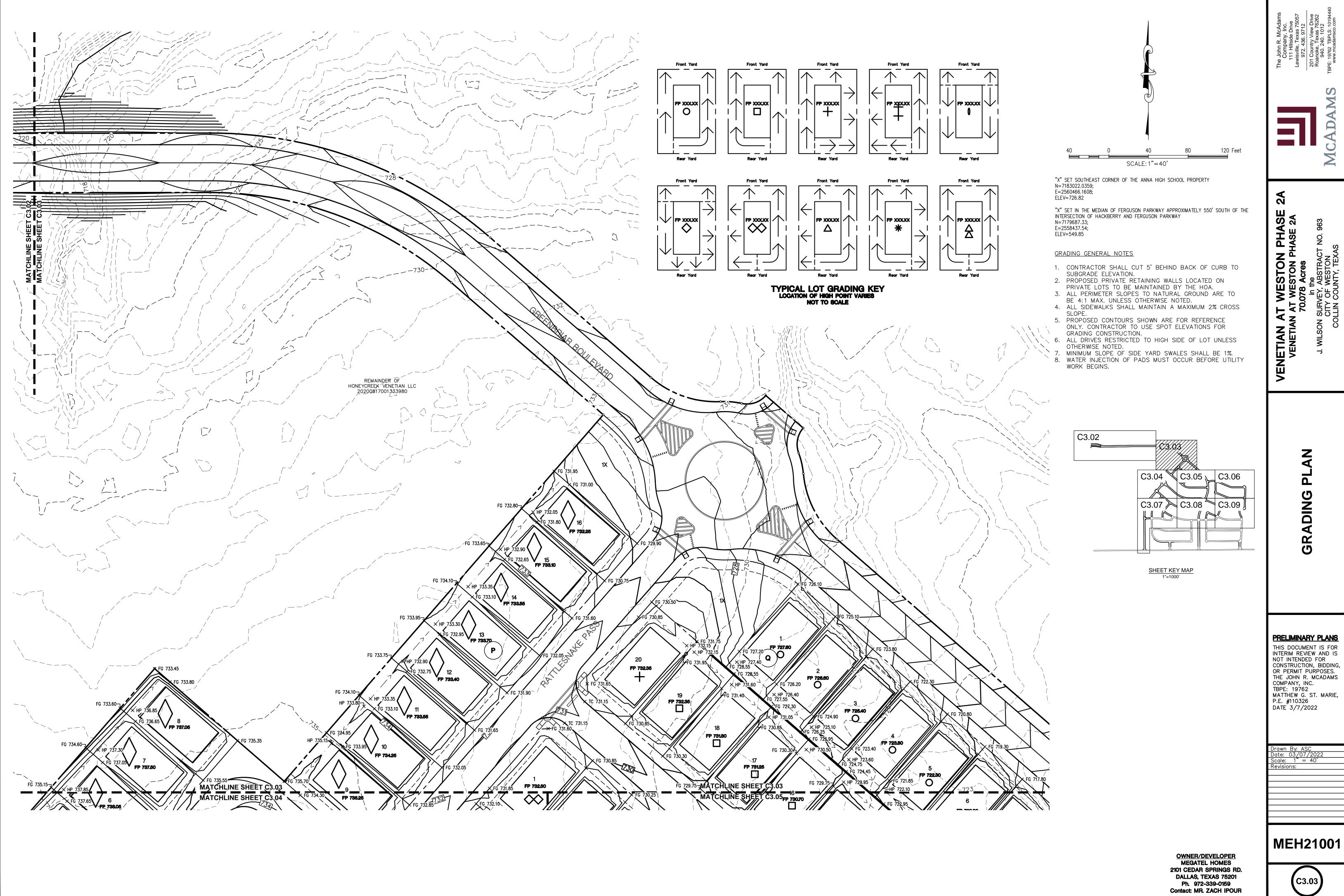
PRELIMINARY PLANS

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DATE 3/7/2022

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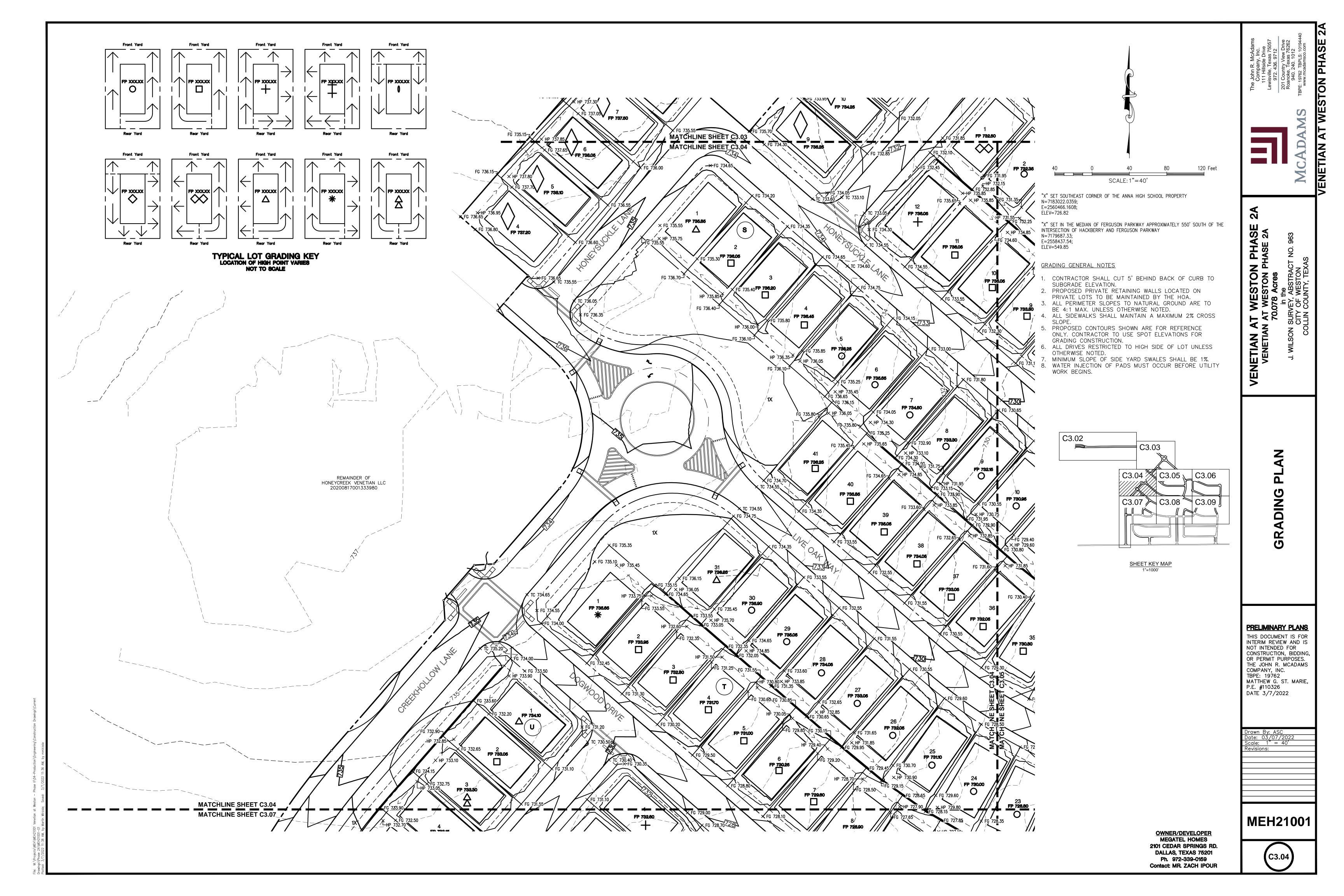


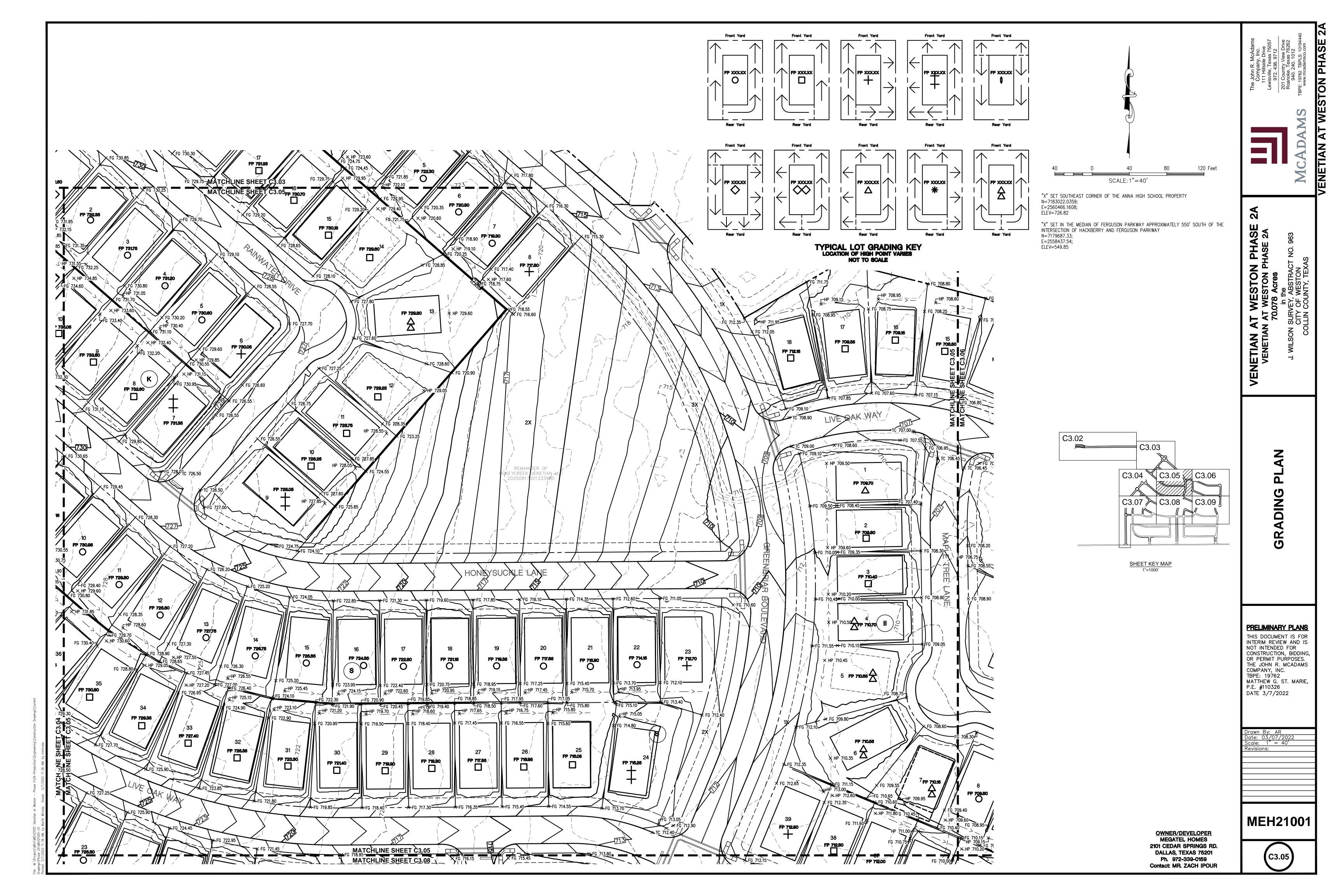


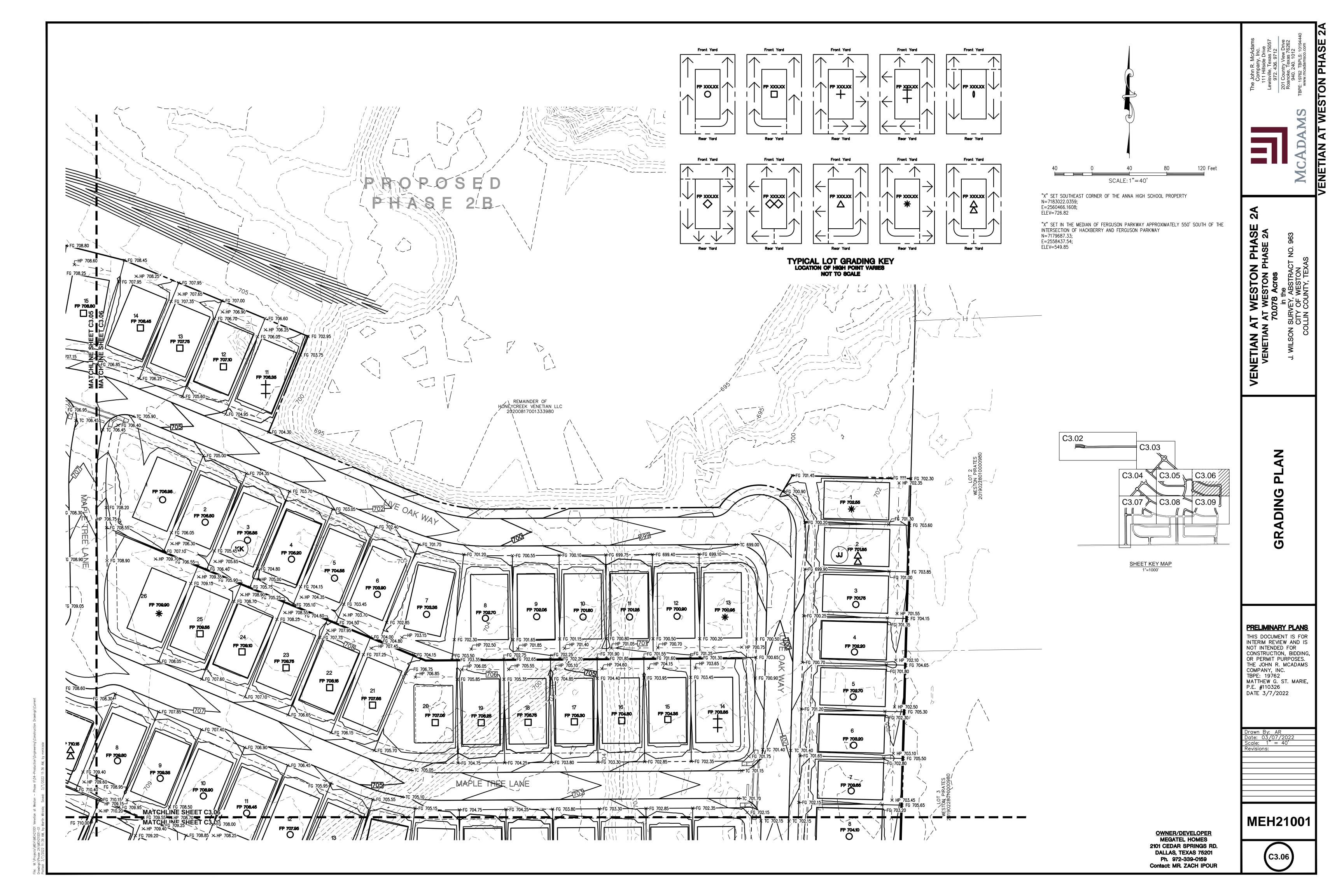


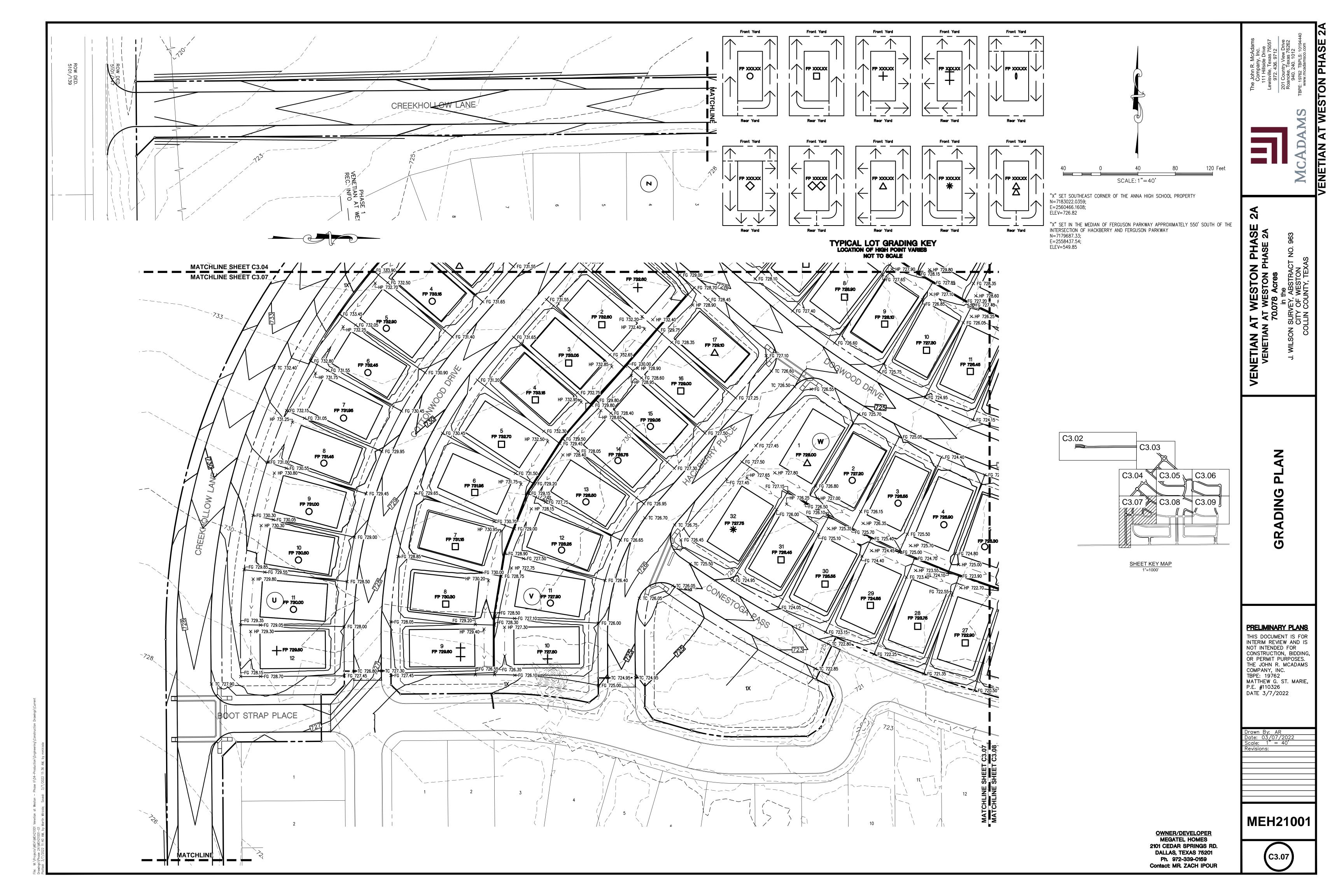
PRELIMINARY PLANS

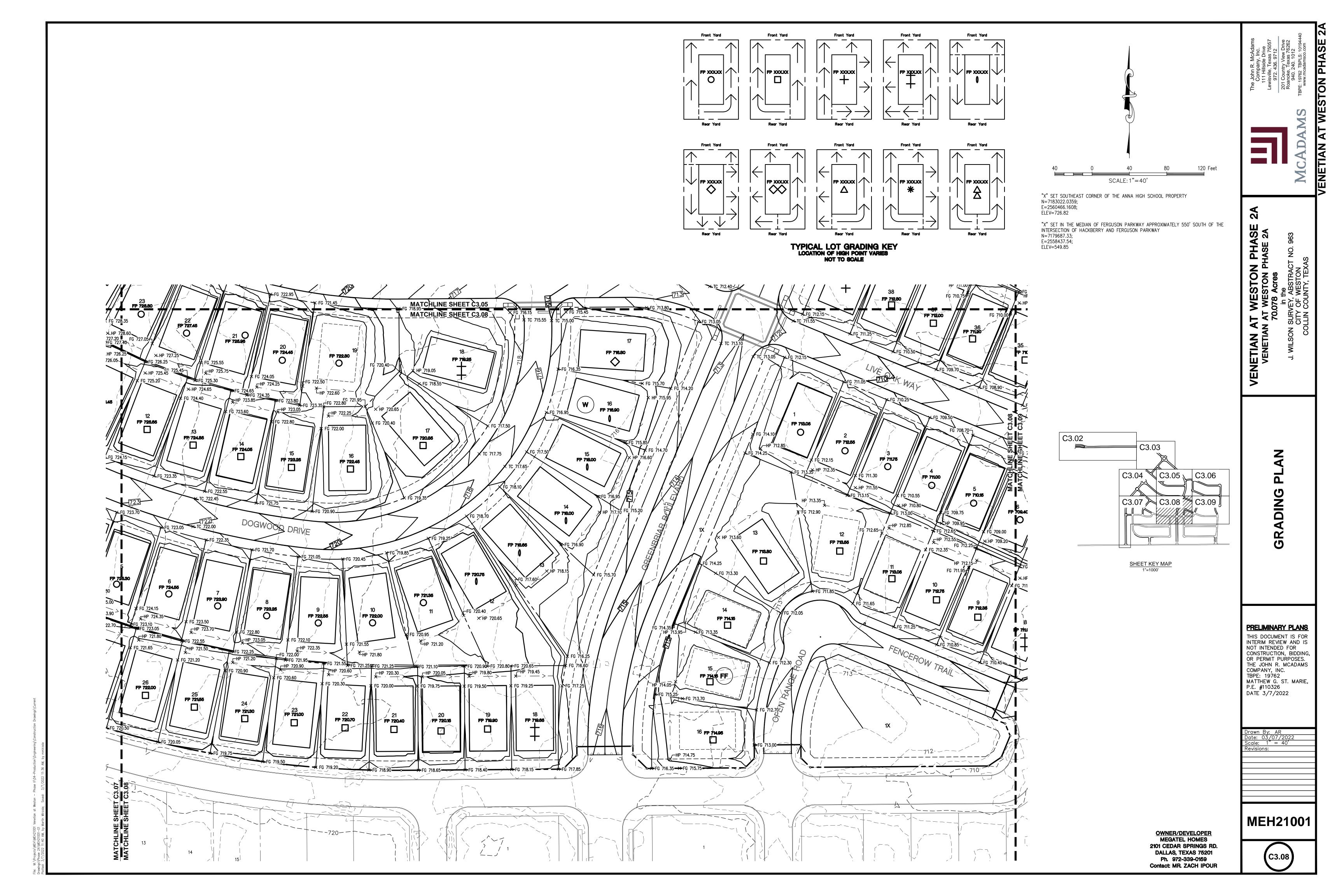


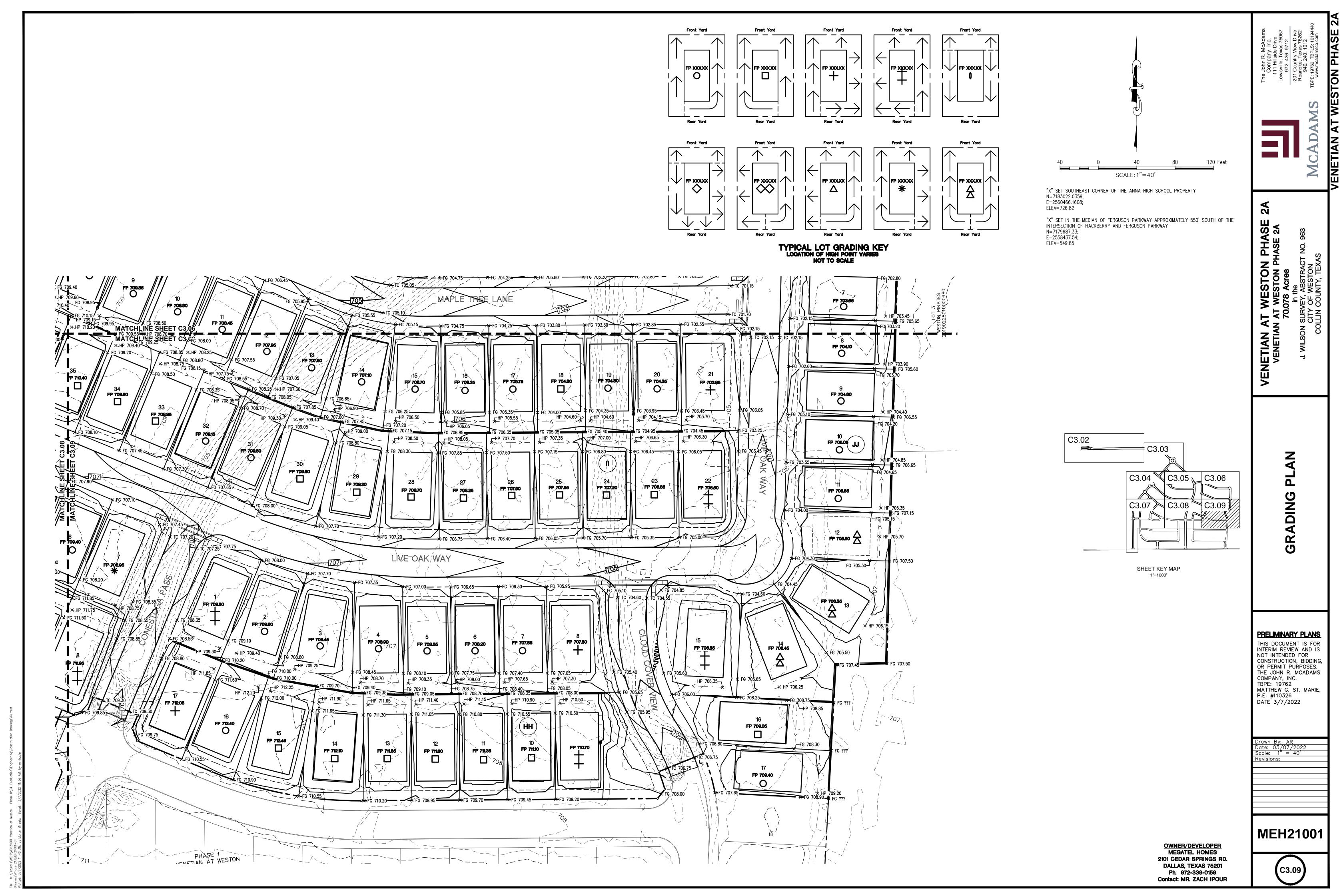


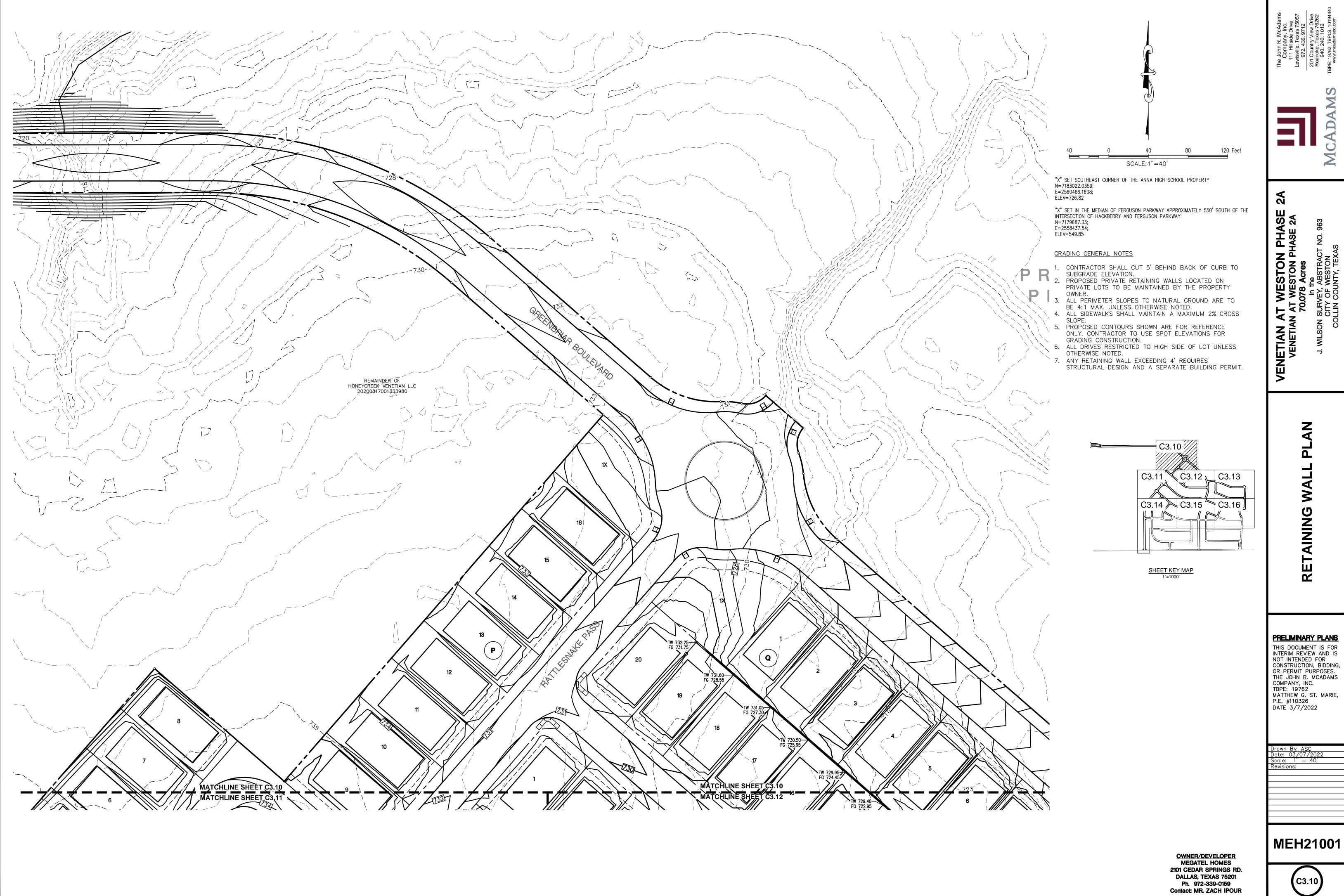




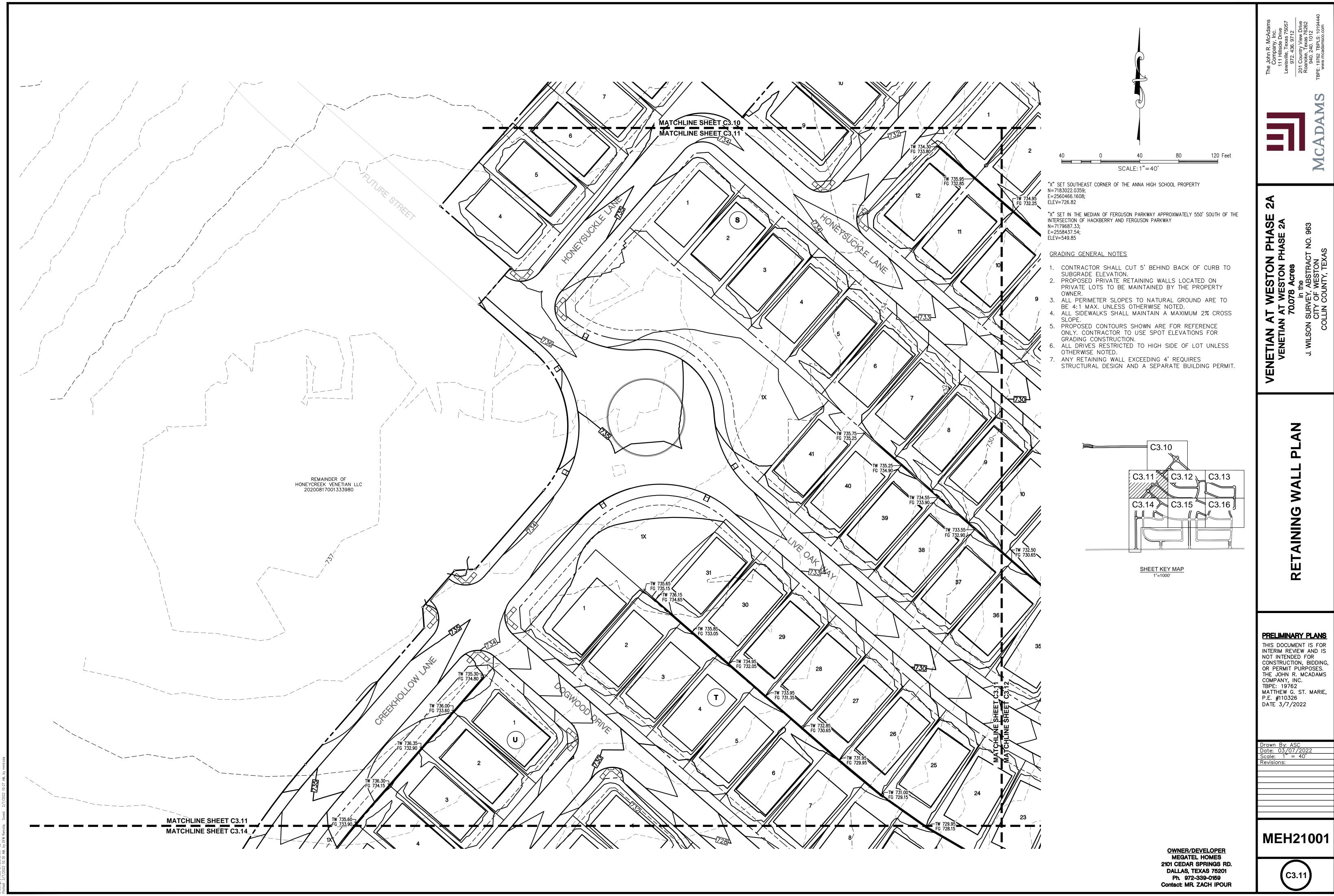




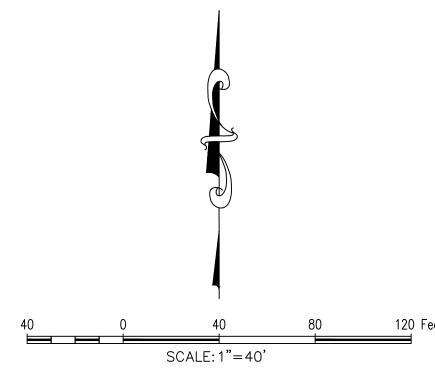








WESTON PHASE

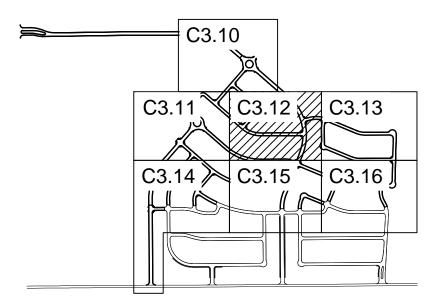


"X" SET SOUTHEAST CORNER OF THE ANNA HIGH SCHOOL PROPERTY

"X" SET IN THE MEDIAN OF FERGUSON PARKWAY APPROXIMATELY 550' SOUTH OF THE INTERSECTION OF HACKBERRY AND FERGUSON PARKWAY

GRADING GENERAL NOTES

- 1. CONTRACTOR SHALL CUT 5' BEHIND BACK OF CURB TO
- 2. PROPOSED PRIVATE RETAINING WALLS LOCATED ON PRIVATE LOTS TO BE MAINTAINED BY THE PROPERTY
- ALL PERIMETER SLOPES TO NATURAL GROUND ARE TO BE 4:1 MAX. UNLESS OTHERWISE NOTED.
- 4. ALL SIDEWALKS SHALL MAINTAIN A MAXIMUM 2% CROSS
- 5. PROPOSED CONTOURS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR TO USE SPOT ELEVATIONS FOR
- 6. ALL DRIVES RESTRICTED TO HIGH SIDE OF LOT UNLESS
- 7. ANY RETAINING WALL EXCEEDING 4' REQUIRES STRUCTURAL DESIGN AND A SEPARATE BUILDING PERMIT.



SHEET KEY MAP

PRELIMINARY PLANS

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VENETIAN AT WESTON PH
VENETIAN AT WESTON PH
70.078 Acres

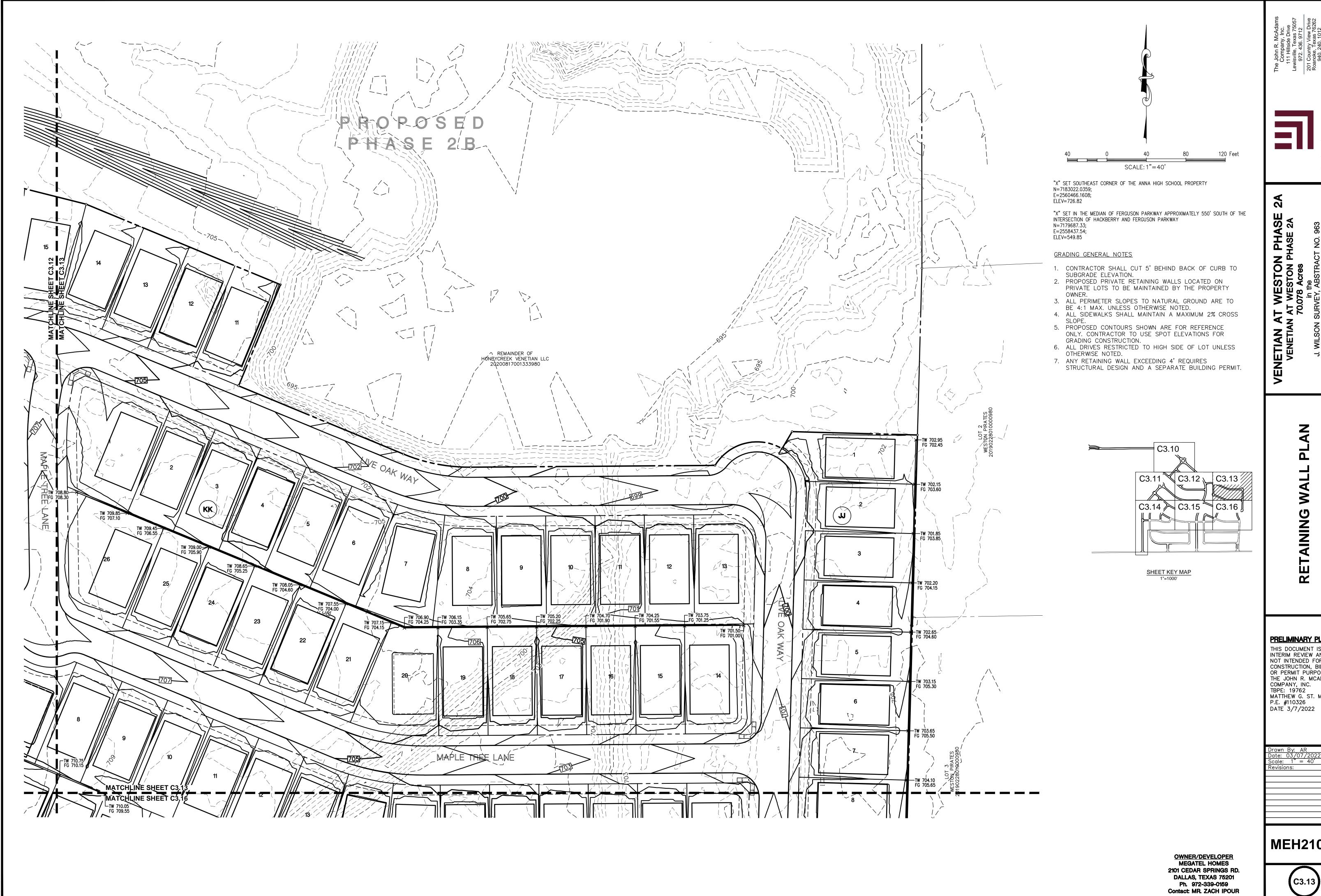
THIS DOCUMENT IS FOR INTERIM REVIEW AND IS NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES. THE JOHN R. MCADAMS COMPANY, INC. TBPE: 19762
MATTHEW G. ST. MARIE, P.E. #110326
DATE 3/7/2022

Drawn By: AR
Date: 03/07/2022
Scale: 1" = 40' Revisions:

MEH21001

C3.12

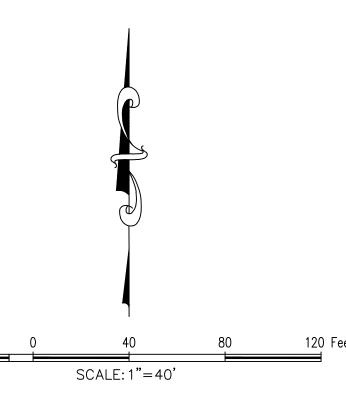
OWNER/DEVELOPER MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201 Ph. 972-339-0159 Contact: MR. ZACH IPOUR



PRELIMINARY PLANS

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"X" SET SOUTHEAST CORNER OF THE ANNA HIGH SCHOOL PROPERTY N=7183022.0359; E=2560466.1608; ELEV=726.82

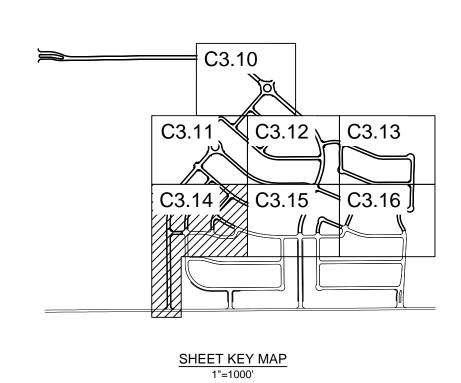
"X" SET IN THE MEDIAN OF FERGUSON PARKWAY APPROXIMATELY 550' SOUTH OF THE INTERSECTION OF HACKBERRY AND FERGUSON PARKWAY N=7179687.33; E=2558437.54; ELEV=549.85

GRADING GENERAL NOTES

- CONTRACTOR SHALL CUT 5' BEHIND BACK OF CURB TO SUBGRADE ELEVATION.
- 2. PROPOSED PRIVATE RETAINING WALLS LOCATED ON PRIVATE LOTS TO BE MAINTAINED BY THE PROPERTY
- 3. ALL PERIMETER SLOPES TO NATURAL GROUND ARE TO BE 4:1 MAX. UNLESS OTHERWISE NOTED.
- BE 4:1 MAX. UNLESS OTHERWISE NOTED.
 4. ALL SIDEWALKS SHALL MAINTAIN A MAXIMUM 2% CROSS
- SLOPE.
 5. PROPOSED CONTOURS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR TO USE SPOT ELEVATIONS FOR
- GRADING CONSTRUCTION.

 6. ALL DRIVES RESTRICTED TO HIGH SIDE OF LOT UNLESS
- OTHERWISE NOTED.

 7. ANY RETAINING WALL EXCEEDING 4' REQUIRES
- STRUCTURAL DESIGN AND A SEPARATE BUILDING PERMIT.



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PRELIMINARY PLANS

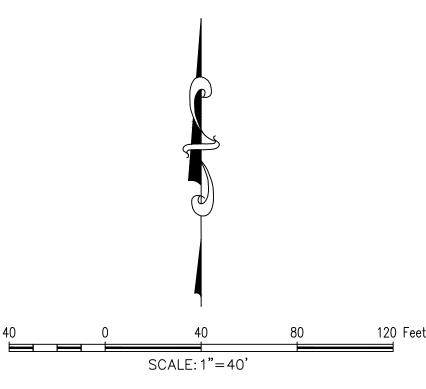
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DATE 3/7/2022

Drawn By: AR
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Revisions:

MEH21001

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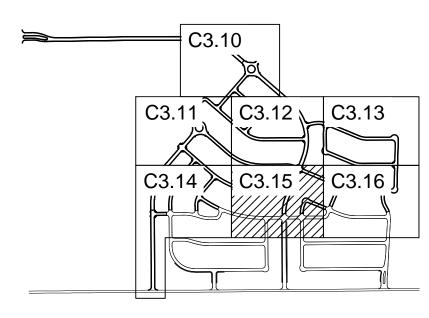
OWNER/DEVELOPER
MEGATEL HOMES
2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159
Contact: MR. ZACH IPOUR



"X" SET SOUTHEAST CORNER OF THE ANNA HIGH SCHOOL PROPERTY

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SHEET KEY MAP 1"=1000'

OWNER/DEVELOPER MEGATEL HOMES

2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159
Contact: MR. ZACH IPOUR

PRELIMINARY PLANS

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VENETIAN AT WE
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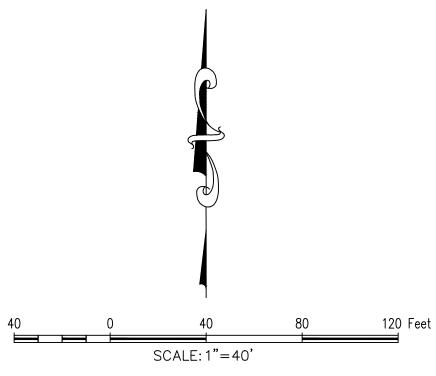
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Date: 03/07/2022

Scale: 1" = 40'

Revisions:



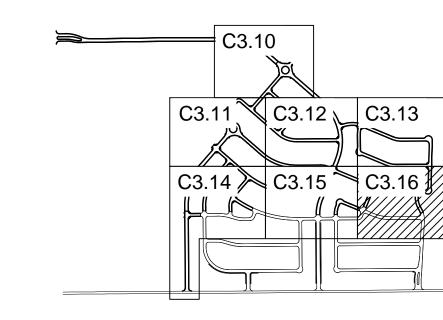


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SHEET KEY MAP

OWNER/DEVELOPER **MEGATEL HOMES** 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201

Ph. 972-339-0159 Contact: MR. ZACH IPOUR VENETIAN AT WE
VENETIAN AT WE
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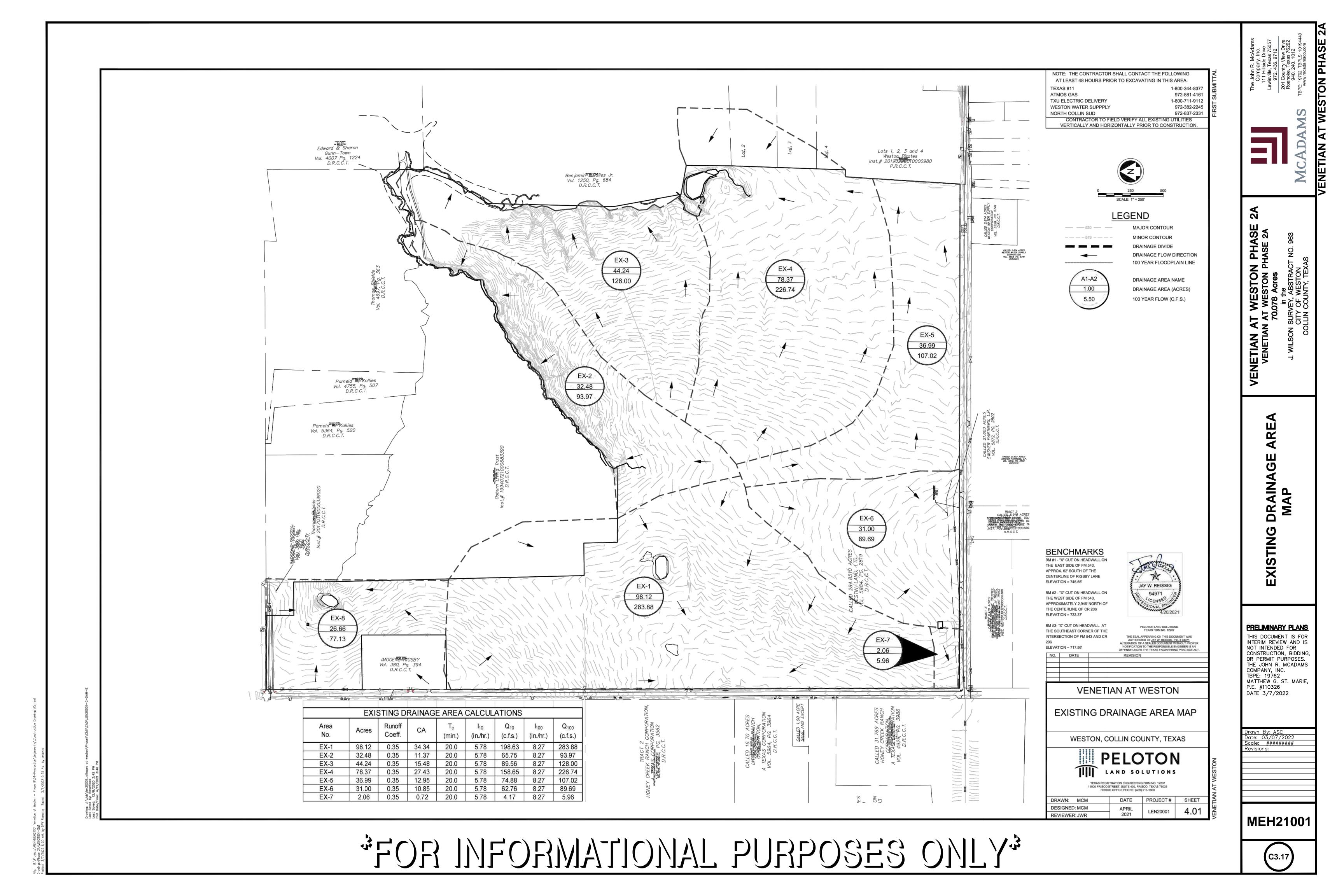
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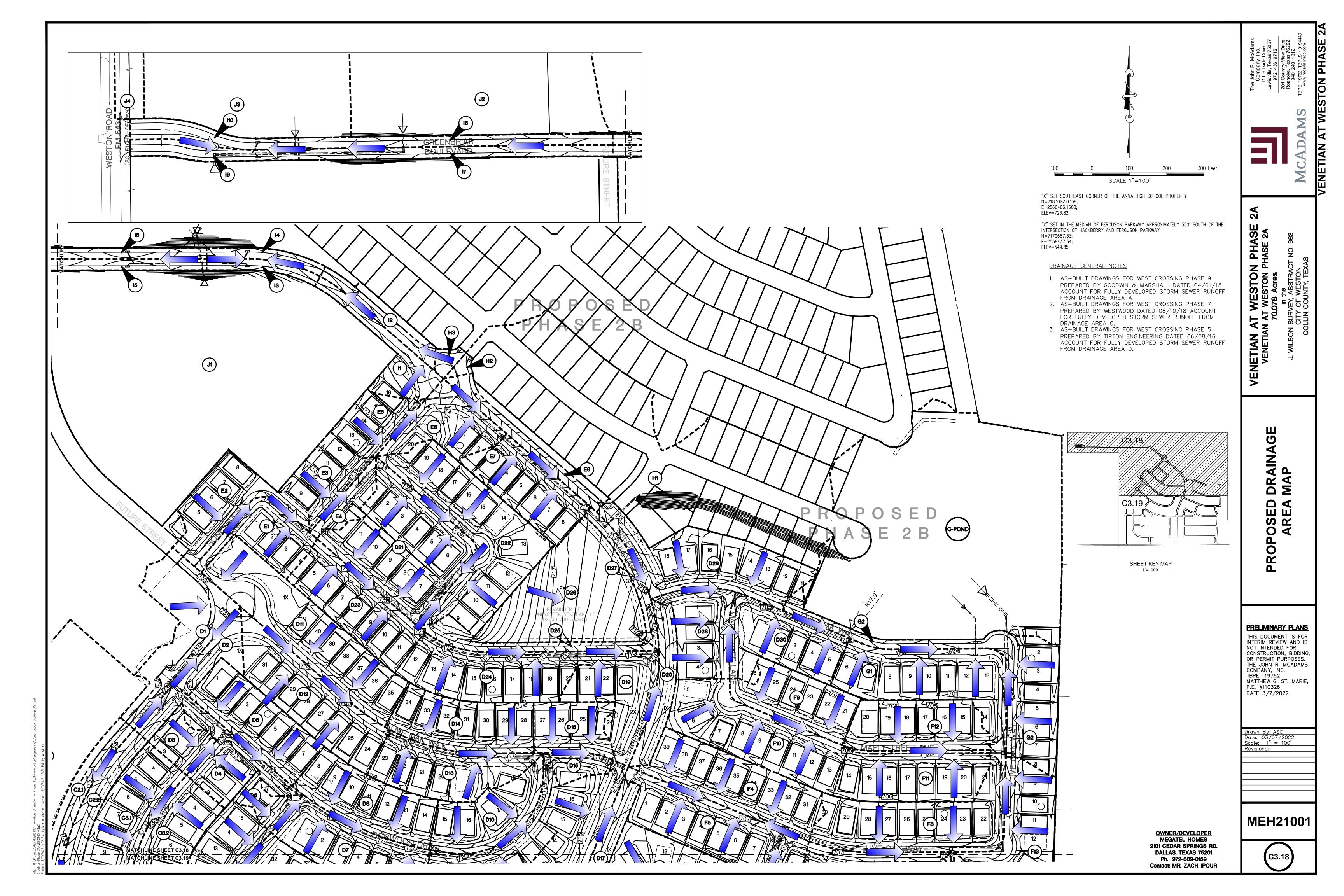
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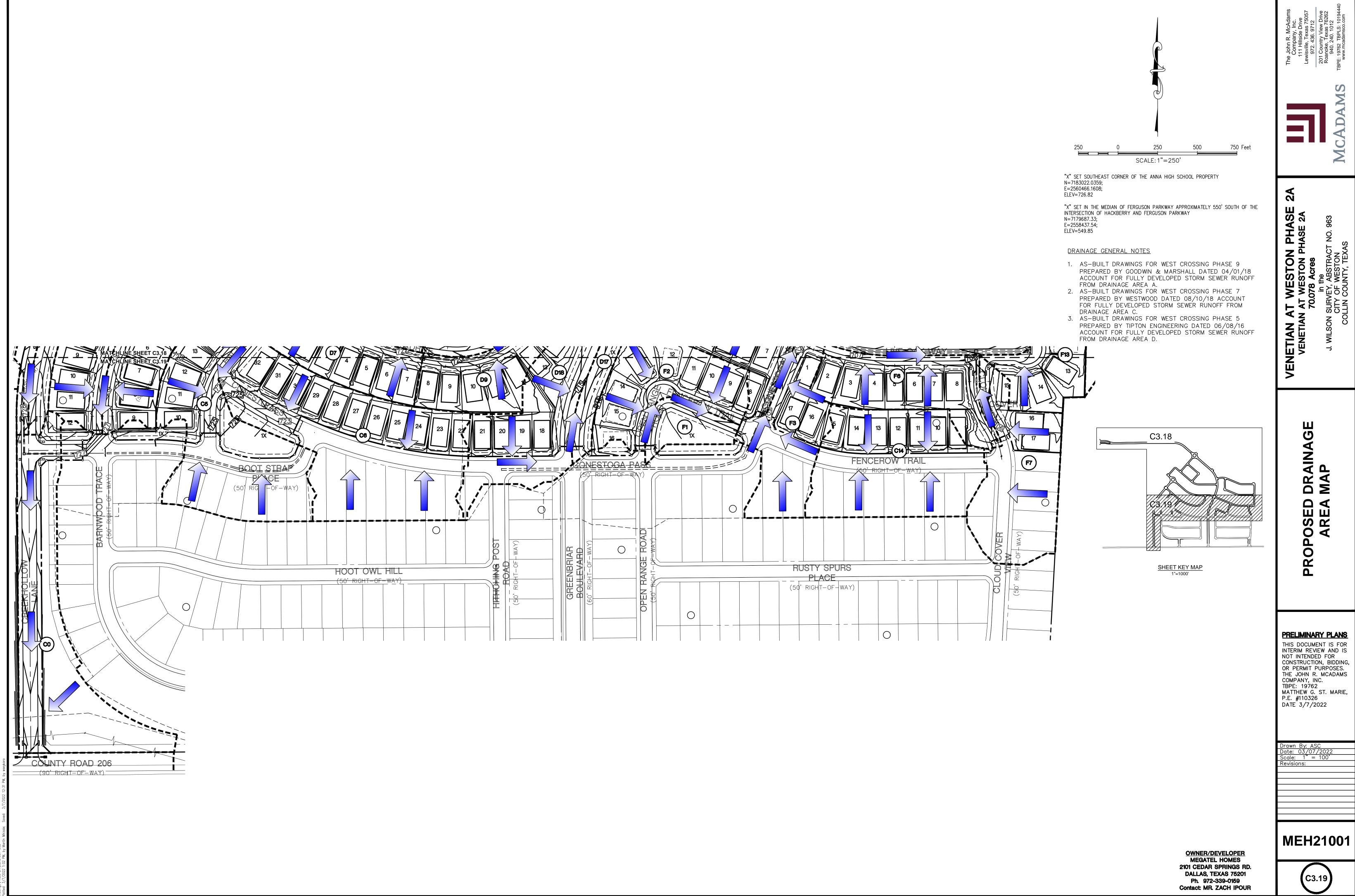
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Revisions:

MEH21001

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VENETIAN



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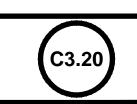
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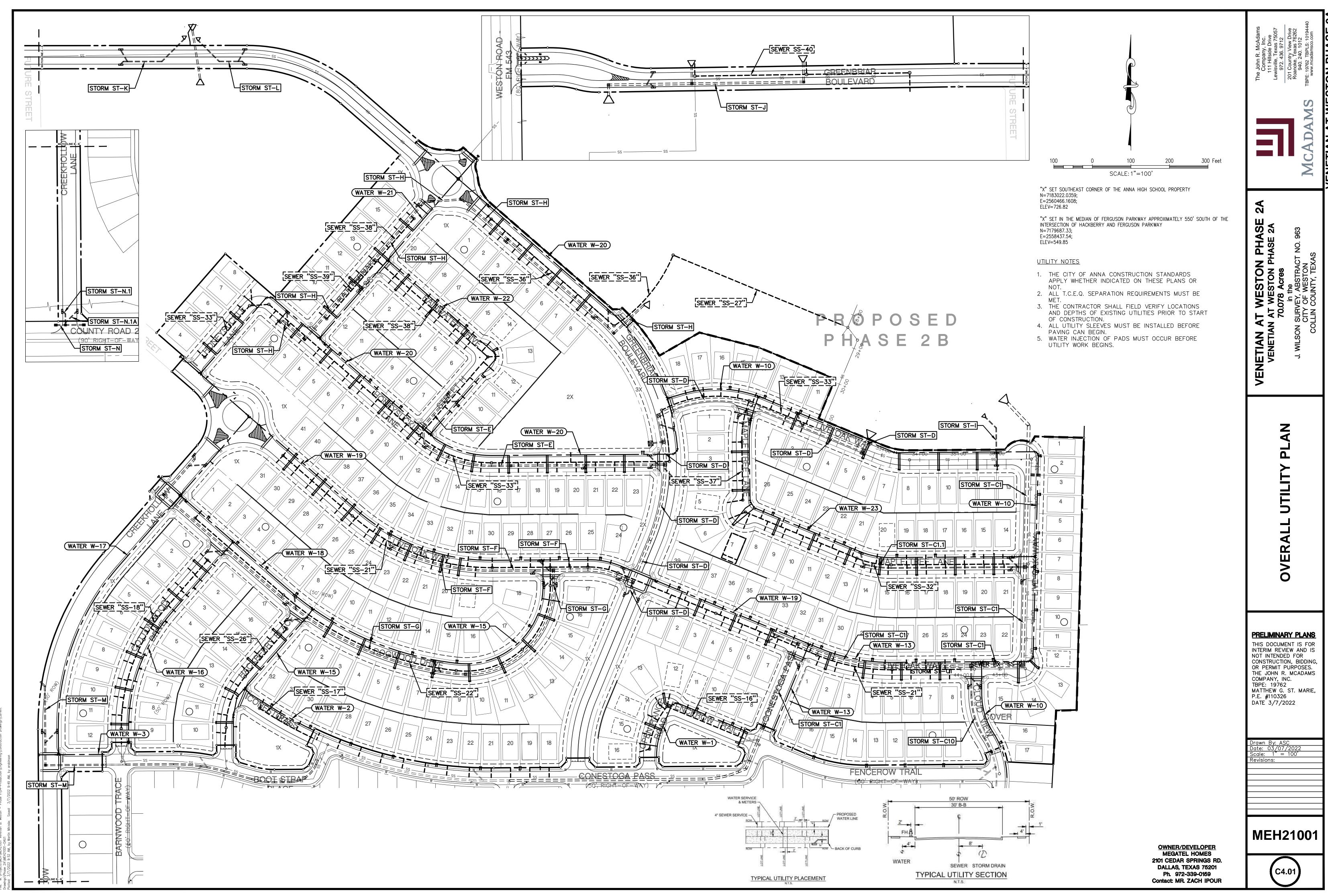


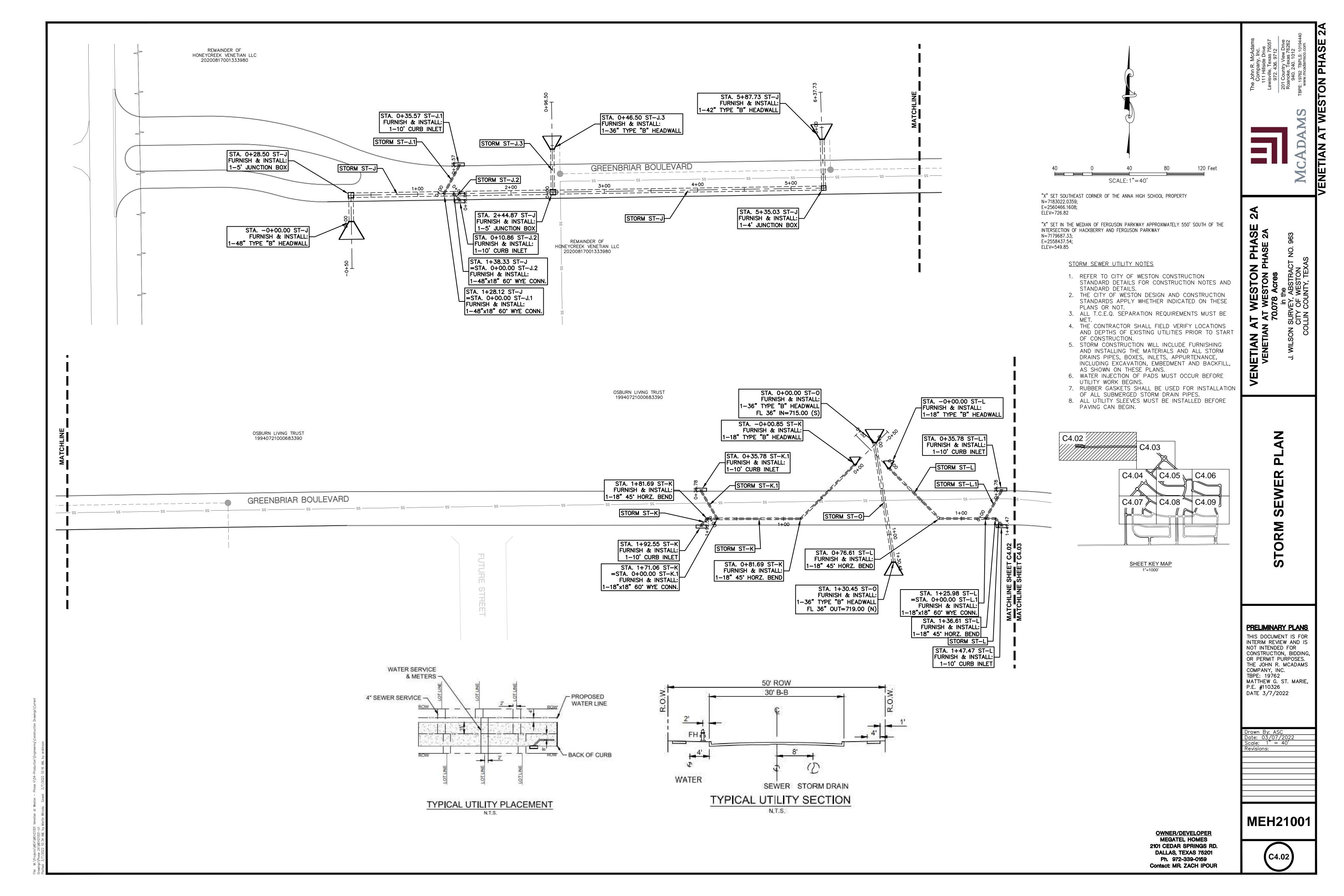
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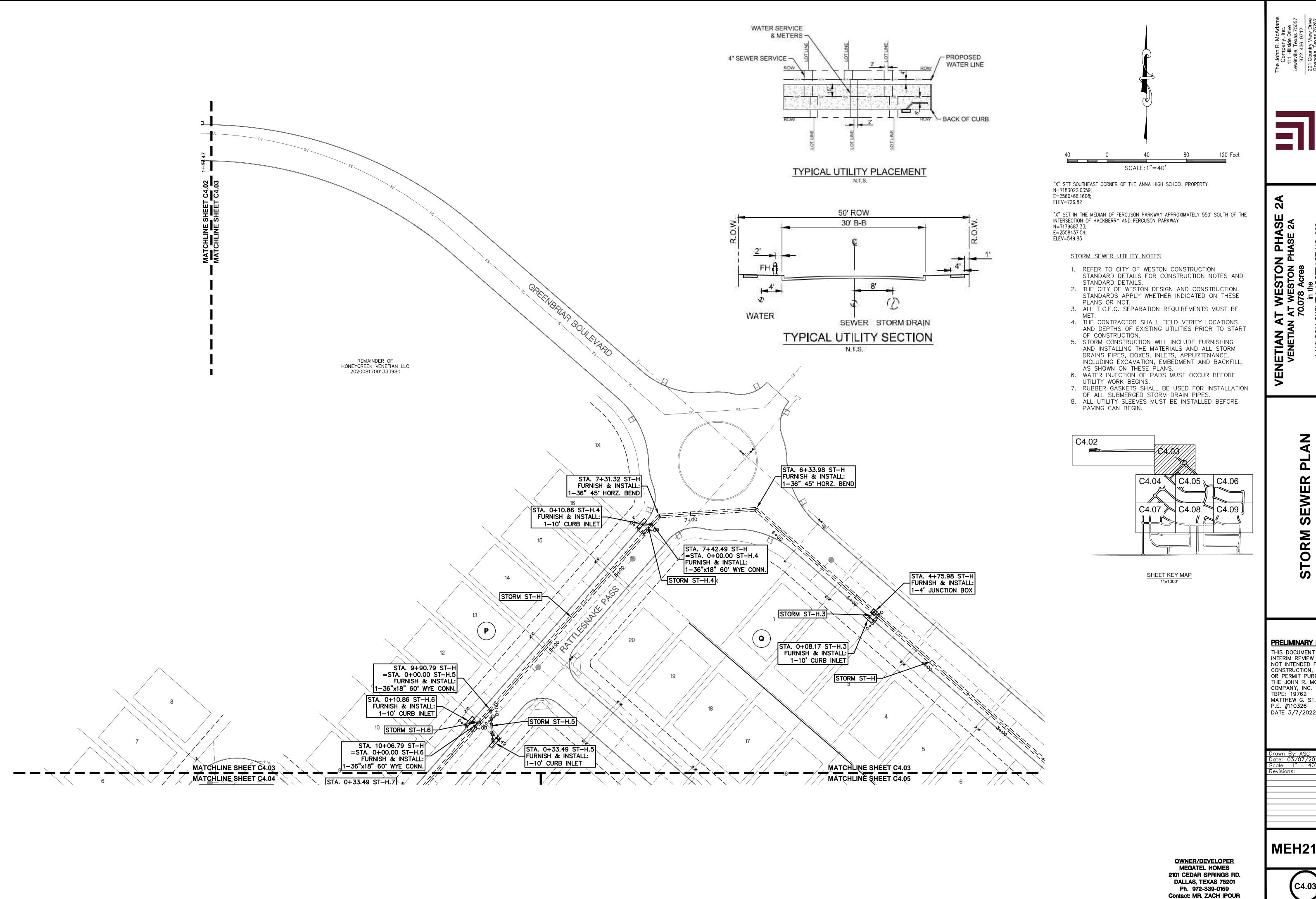
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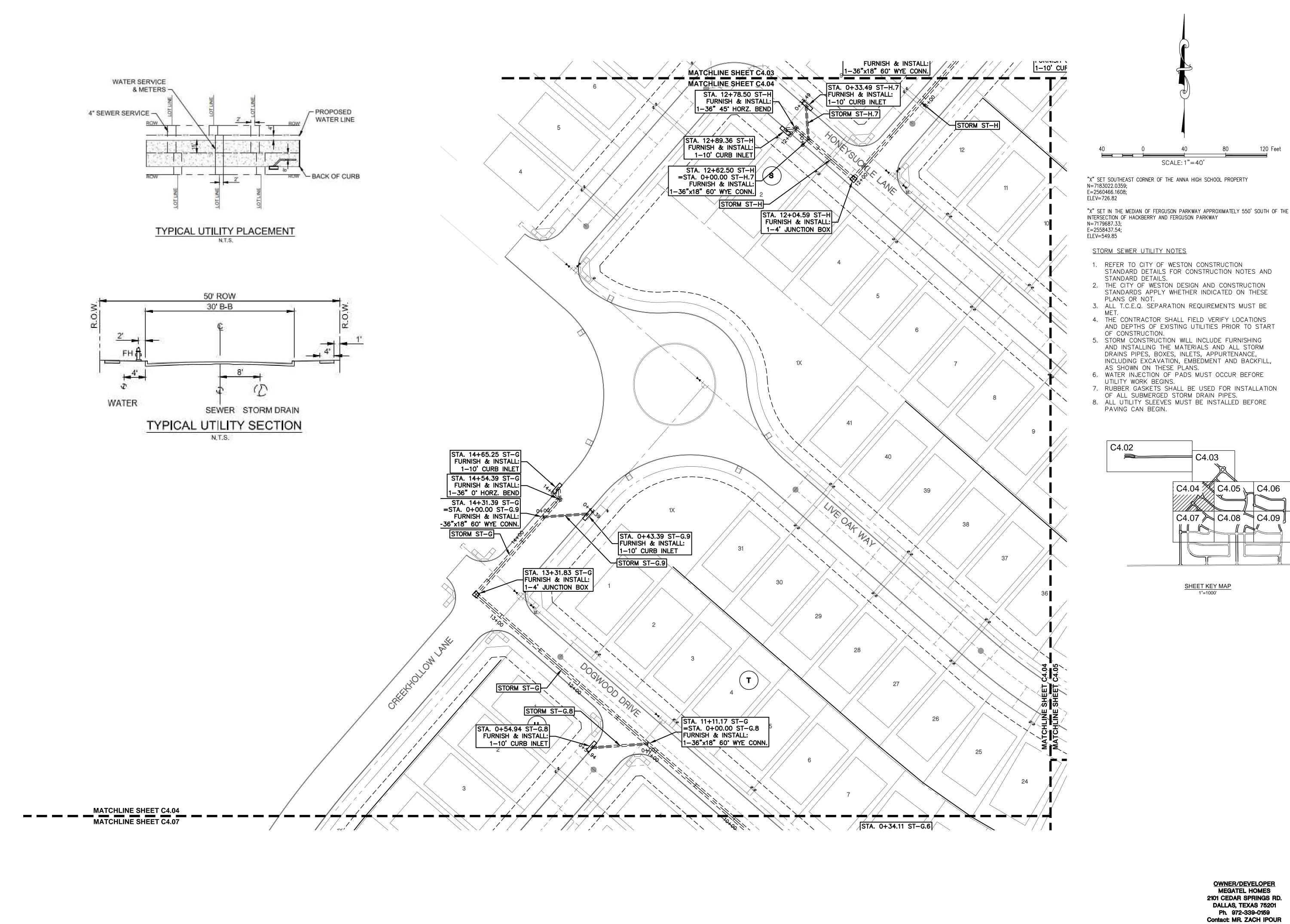
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PRELIMINARY PLANS

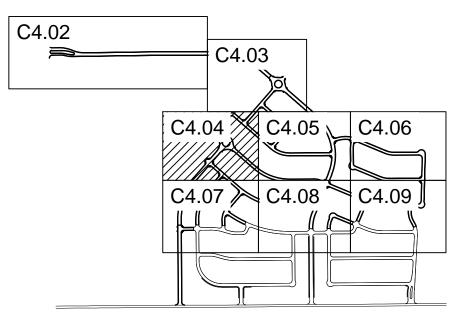
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THE JOHN R. MCADAMS
COMPANY, INC. MATTHEW G. ST. MARIE, DATE 3/7/2022

Drawn By: ASC
Date: 03/07/2022
Scale: 1" = 40'





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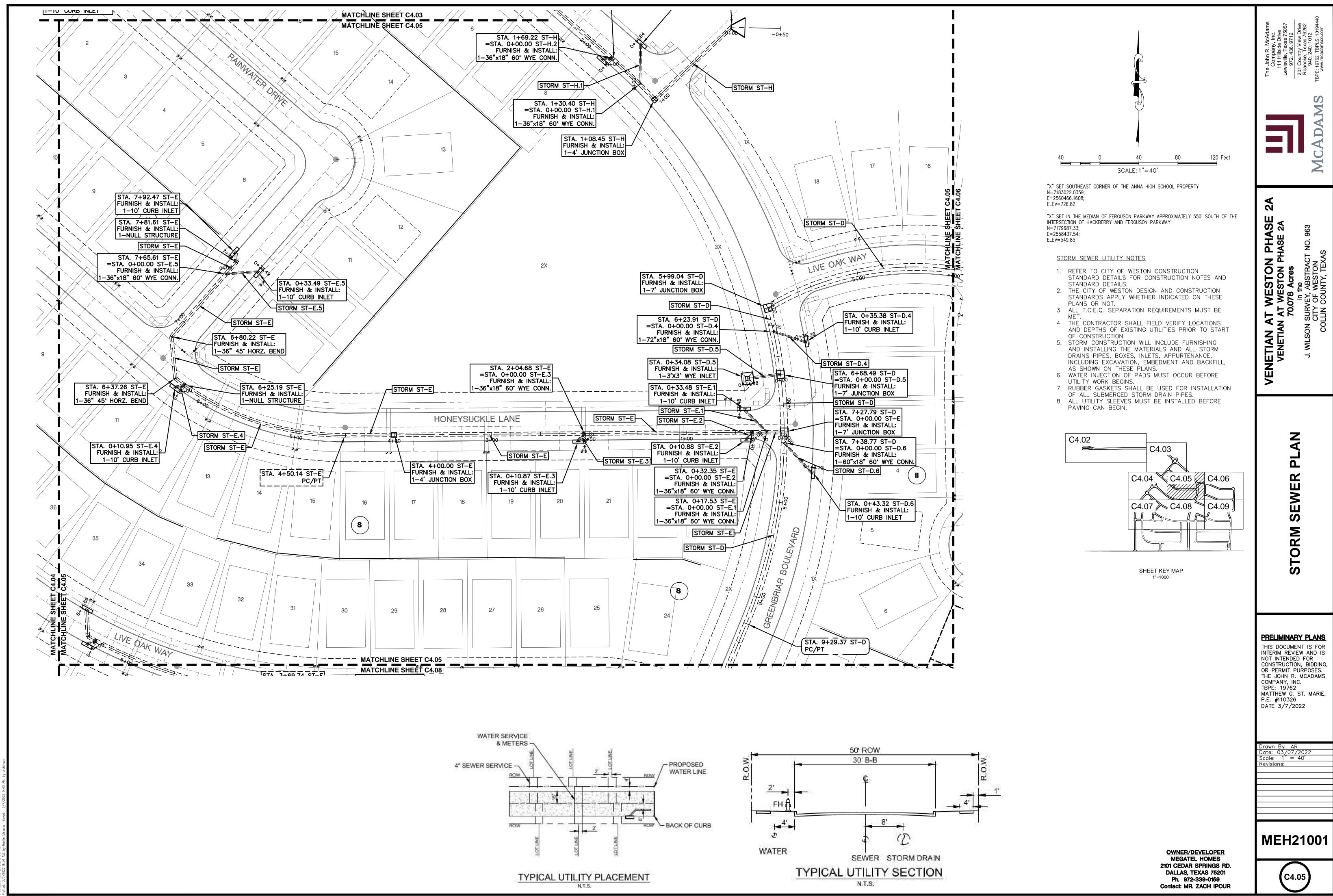
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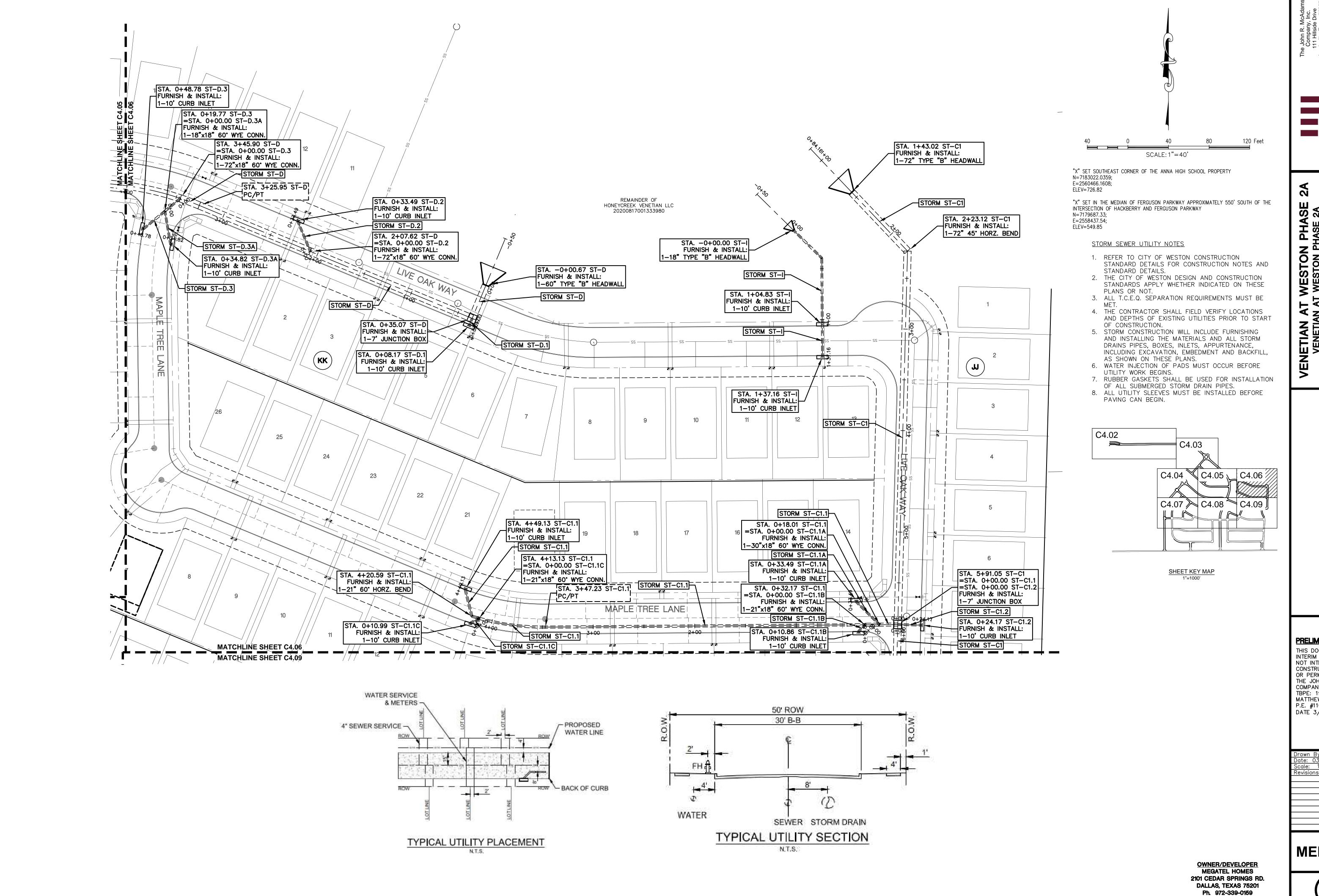
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Revisions:

MEH21001

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PRELIMINARY PLANS

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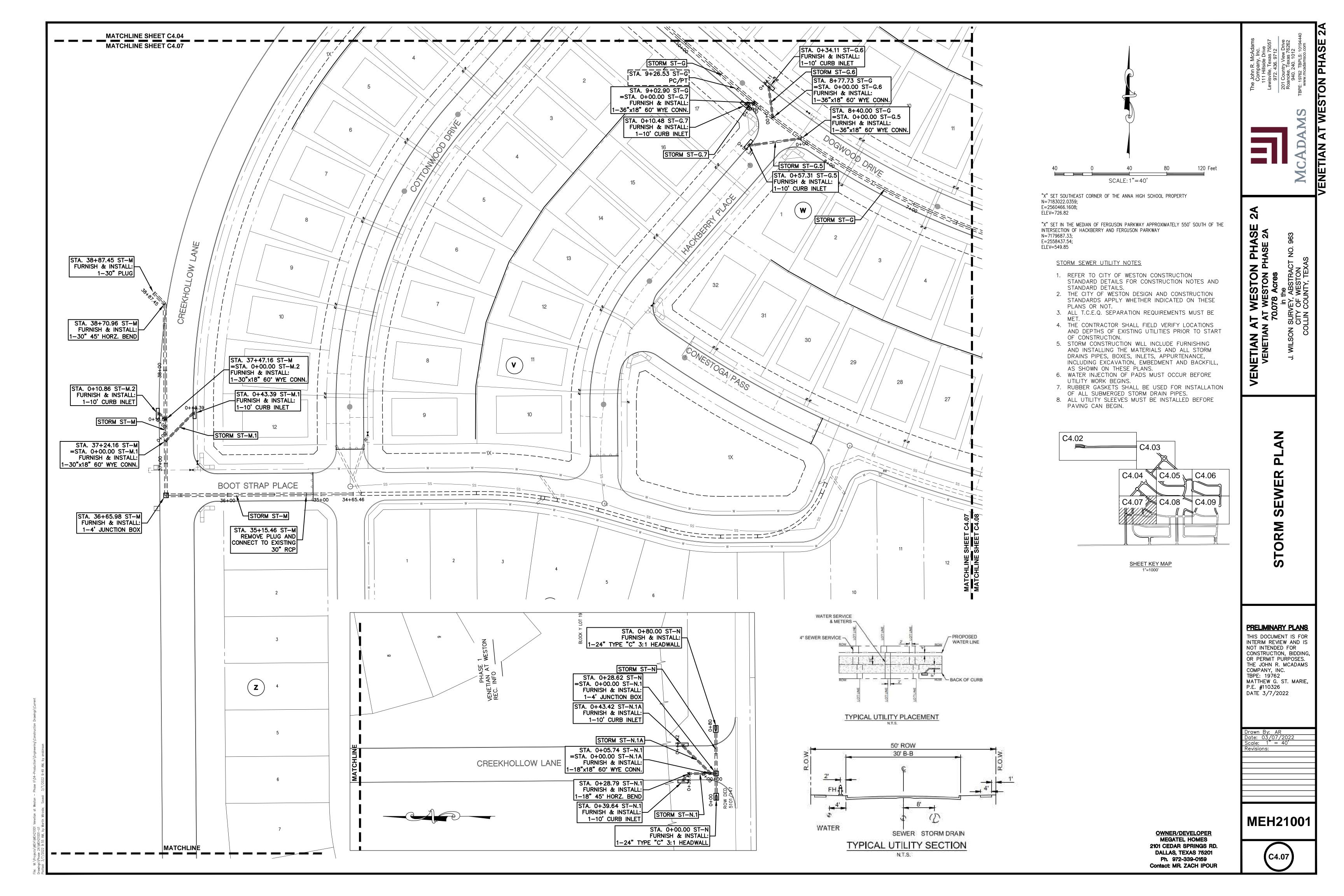
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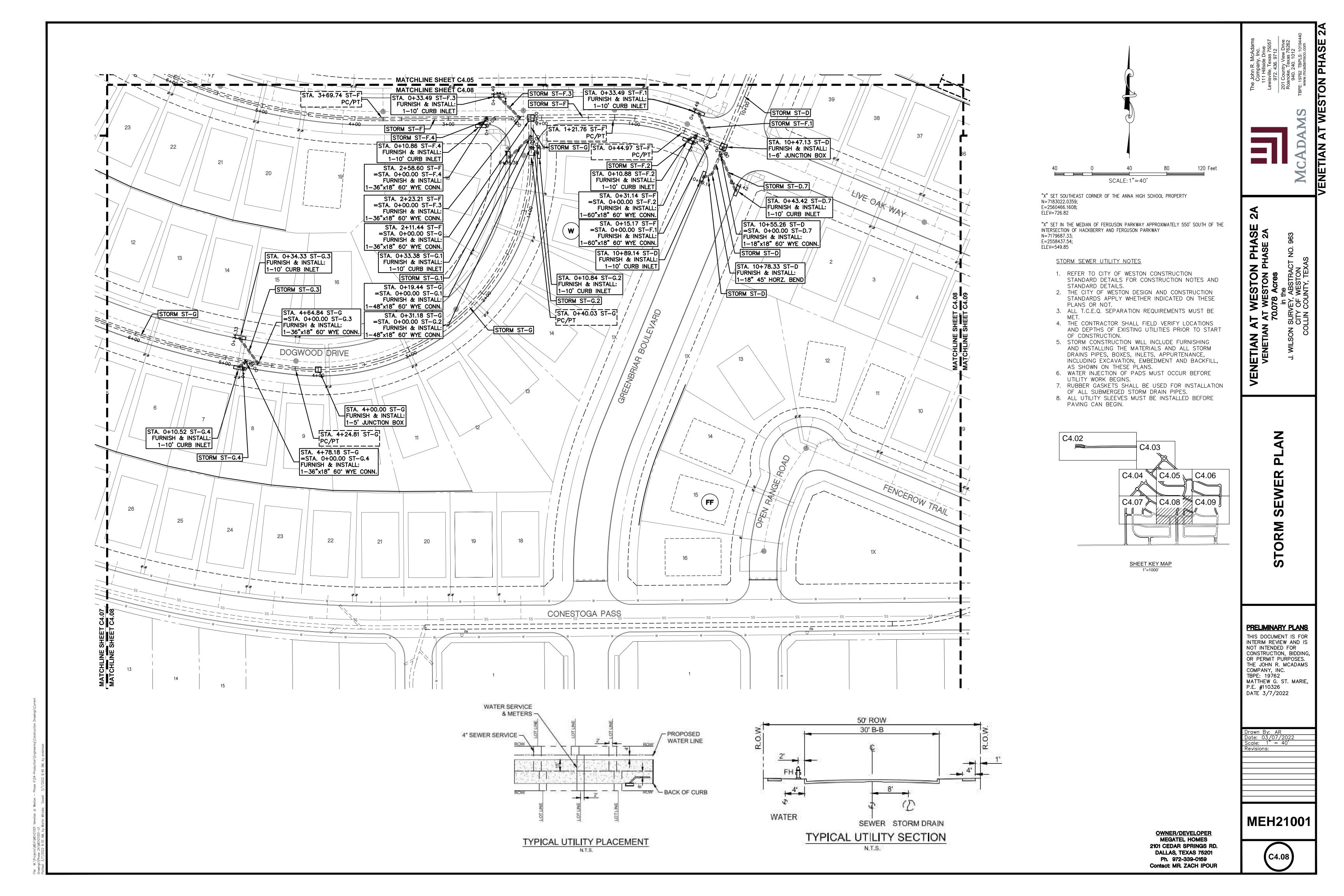
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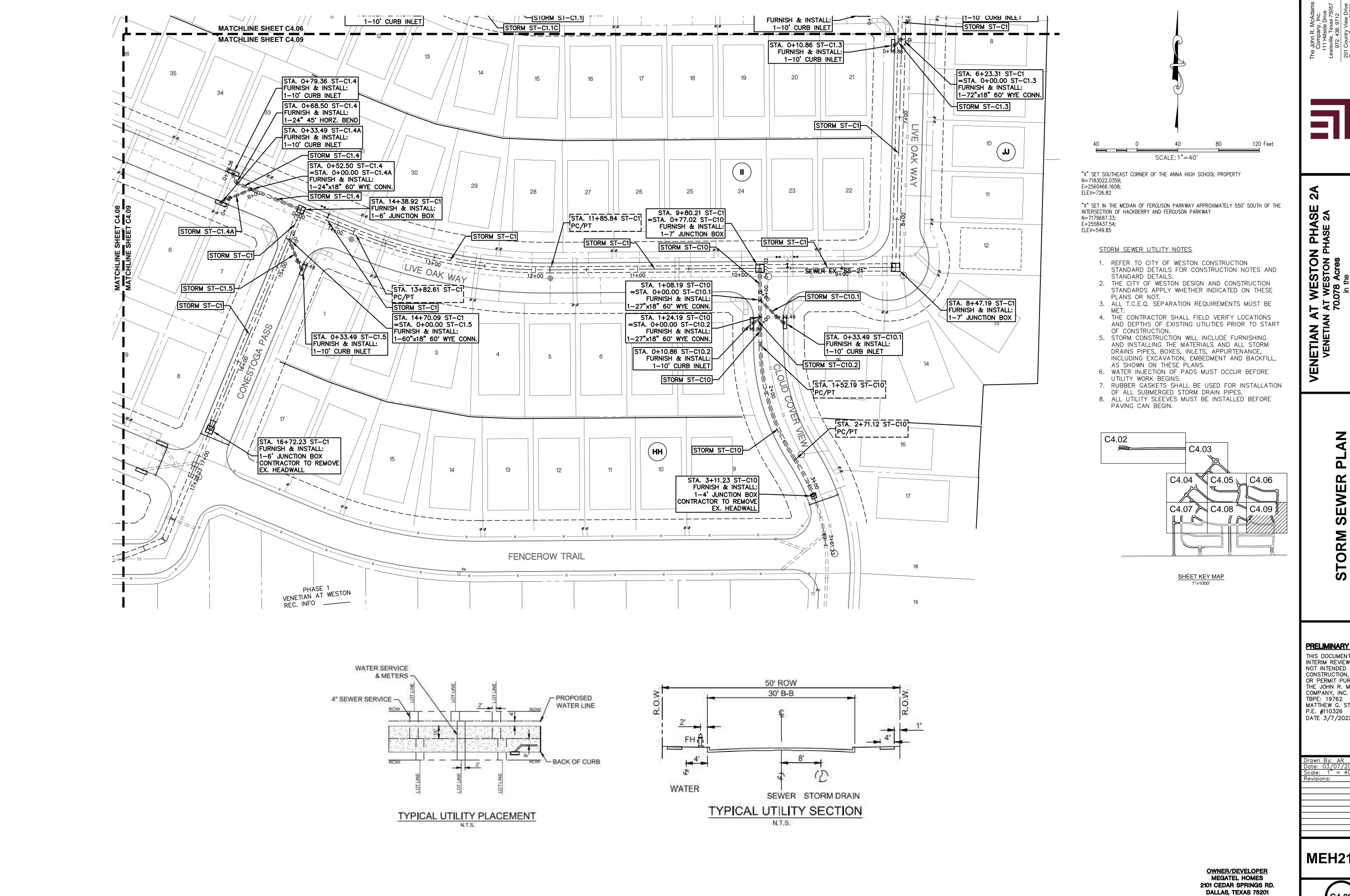
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Contact: MR. ZACH IPOUR









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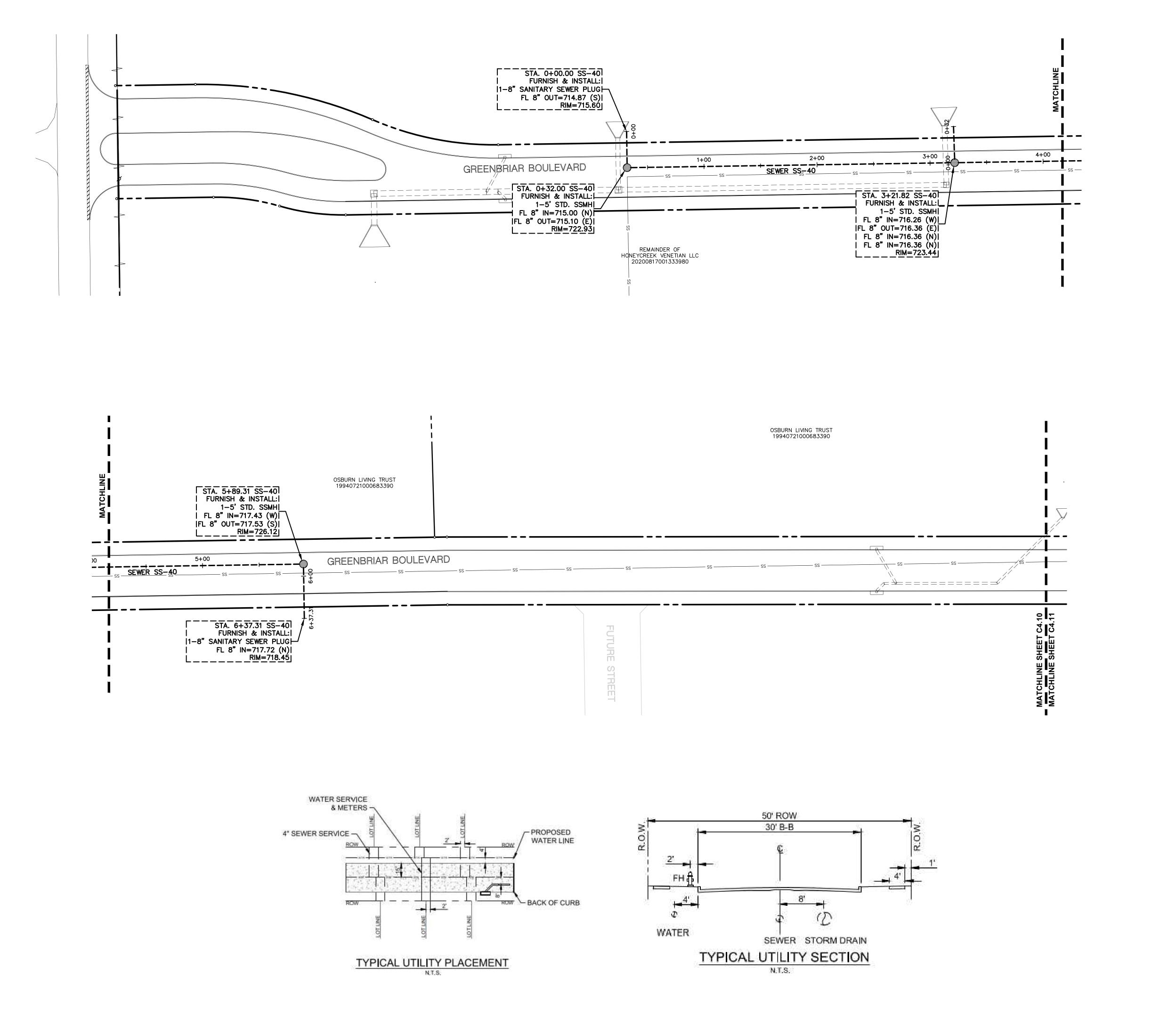
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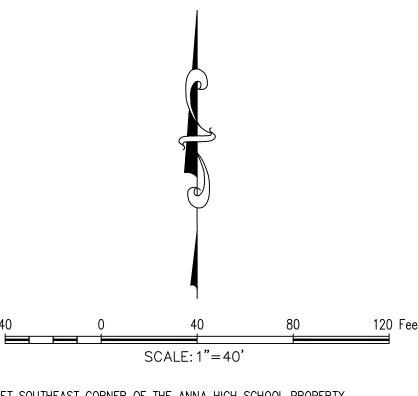
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THE JOHN R. MCADAMS COMPANY, INC. TBPE: 19762 MATTHEW G. ST. MARIE, P.E. #110326 DATE 3/7/2022

MEH21001







"X" SET SOUTHEAST CORNER OF THE ANNA HIGH SCHOOL PROPERTY N=7183022.0359; E=2560466.1608;

"X" SET IN THE MEDIAN OF FERGUSON PARKWAY APPROXIMATELY 550' SOUTH OF THE INTERSECTION OF HACKBERRY AND FERGUSON PARKWAY N=7179687.33; E=2558437.54; ELEV=549.85

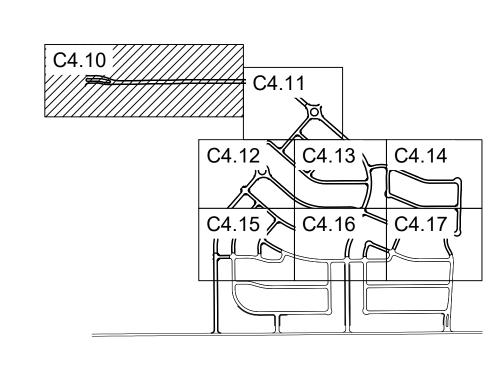
SEWER GENERAL NOTES

ELEV=726.82

- WATER AND SANITARY SEWER SEPARATION (VERTICAL AND HORIZONTAL) SHALL BE MAINTAINED IN ACCORDANCE WITH TCEQ REQUIREMENTS. SANITARY SEWER PIPE TO BE PRESSURE RATED AT VERTICAL CROSSINGS PER TCEQ REQUIREMENTS.
 CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES
- PRIOR TO CONSTRUCTION.

 3. ALL SANITARY SEWER LINES ARE 8" UNLESS OTHERWISE
- NOTED.

 4. SANITARY SEWER FACILITIES ARE TO BE INSTALLED IN ACCORDANCE WITH THE CITY OF ANNA STANDARDS.
- 5. SANITARY SEWER MANHOLES TO USE RAVEN 405 COATING OR CITY OF ANNA APPROVED EQUAL.
- 6. THE MAXIMUM RADIUS OF SANITARY SEWER LINES TO BE 75% OF THE MAXIMUM RECOMMENDED BY THE MANUFACTURER.
- 7. CONTRACTOR TO UTILIZE NCTCOG CLASS "H" EMBEDMENT FOR SANITARY SEWER INSTALLATION. SEE DETAILS.
- 8. WATER INJECTION OF PADS MUST OCCUR BEFORE UTILITY WORK BEGINS.
- 9. VERTICAL STACK ON THE SEWER LATERALS SHALL SIT 1.5' PAST THE R.O.W. LINE.



SHEET KEY MAP

OWNER/DEVELOPER
MEGATEL HOMES
2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159
Contact: MR. ZACH IPOUR

111 Hillside Lewisville, Tey 972. 436. 201 Country V Roanoke, Tex 940. 240. TBPE: 19762 TBP www.mcadan

MCADAMS

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ETIAN AT WESTON PHASE 2,
70.078 Acres
in the
'ILSON SURVEY, ABSTRACT NO. 963
CITY OF WESTON
COLLIN COUNTY, TEXAS

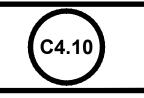
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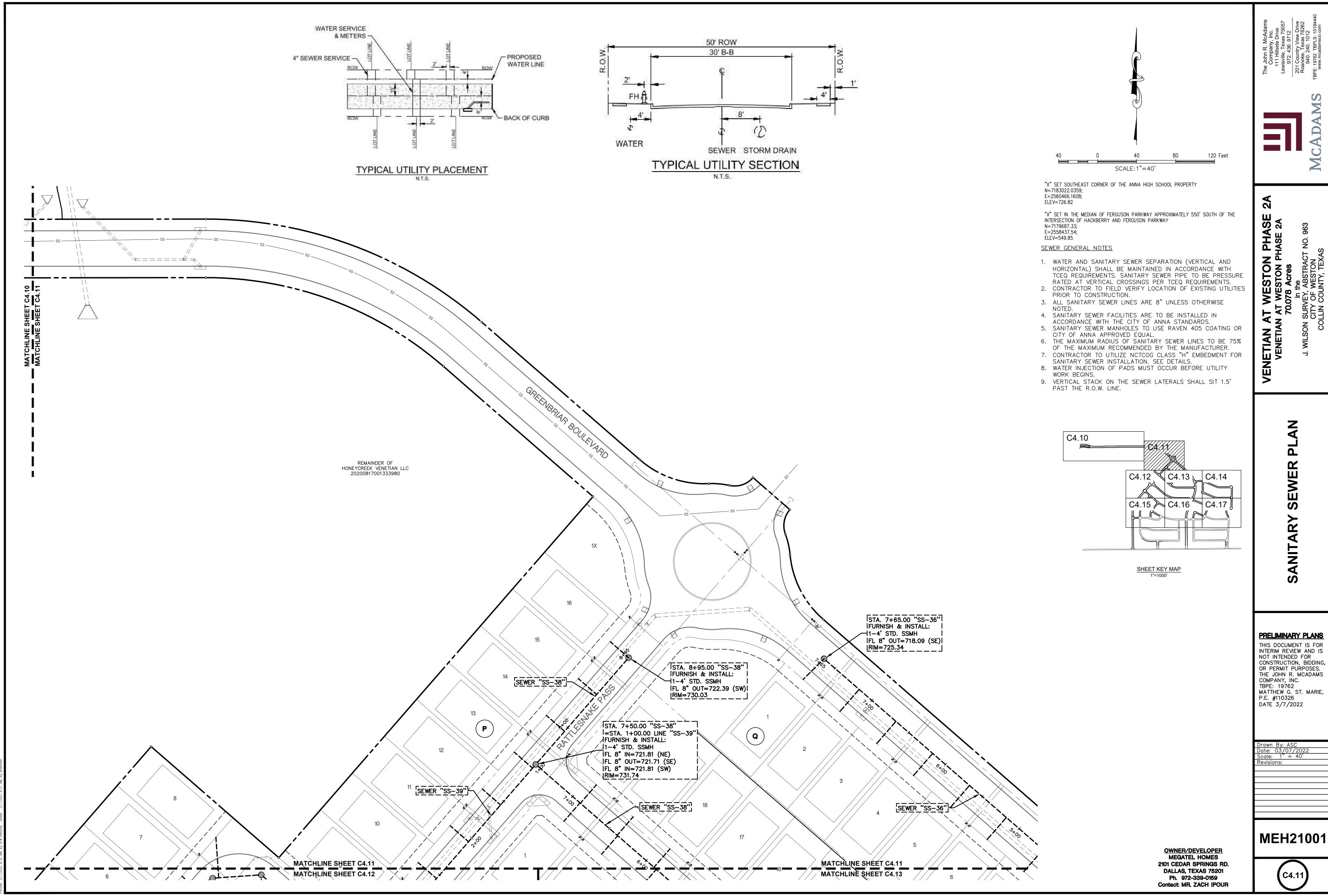
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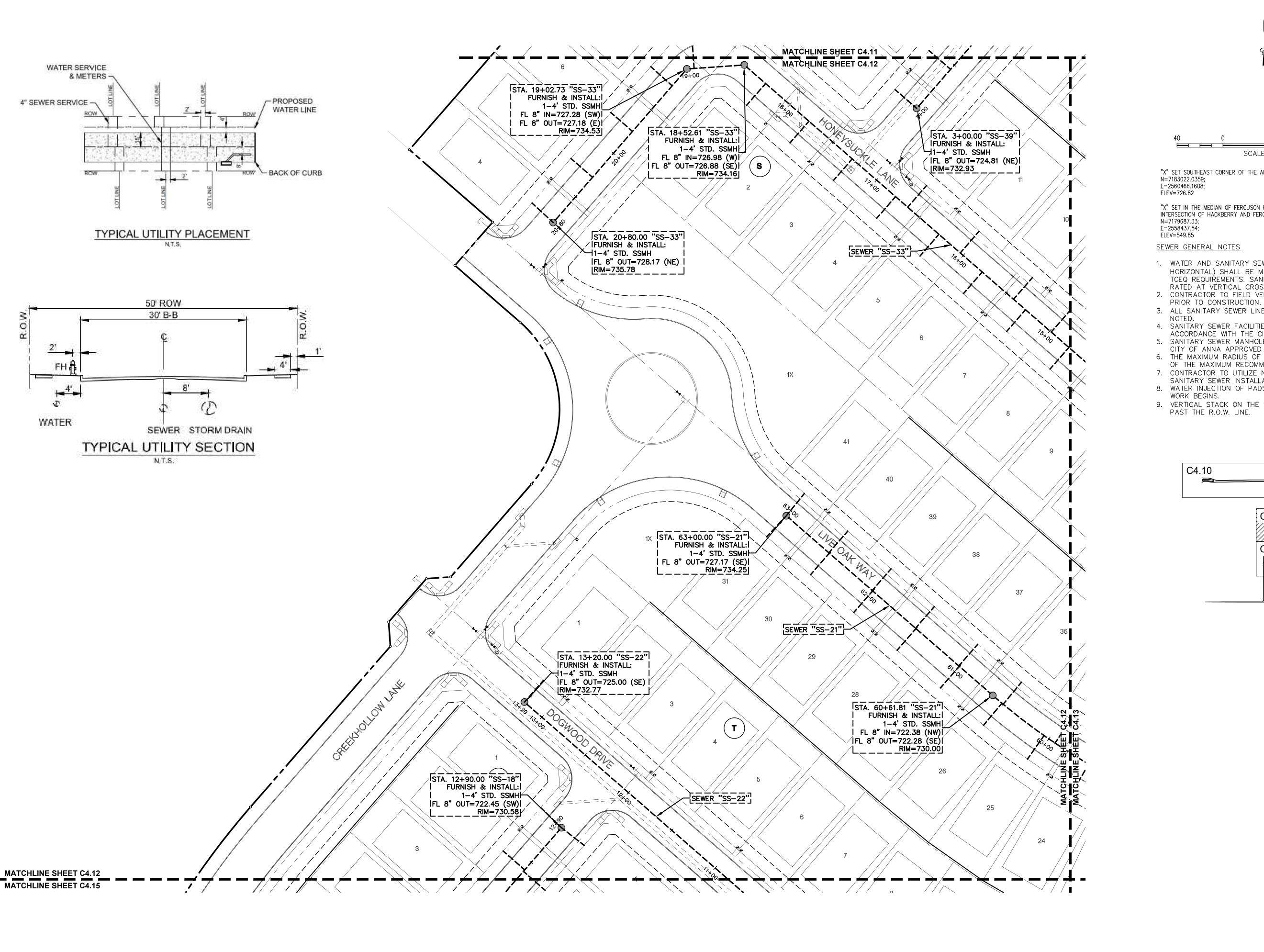
PRELIMINARY PLANS

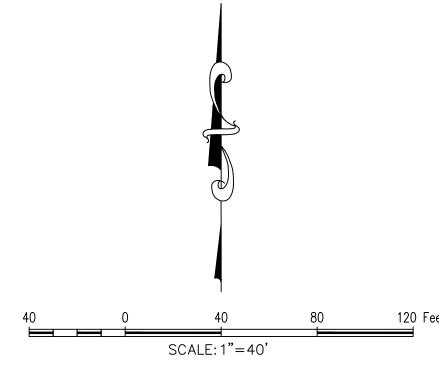
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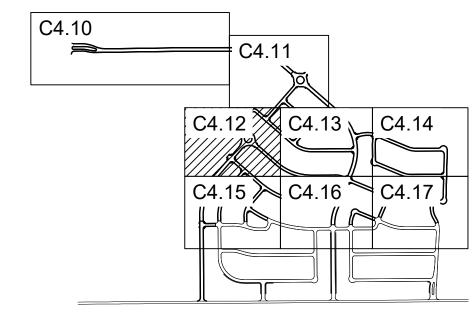


"X" SET SOUTHEAST CORNER OF THE ANNA HIGH SCHOOL PROPERTY

"X" SET IN THE MEDIAN OF FERGUSON PARKWAY APPROXIMATELY 550' SOUTH OF THE INTERSECTION OF HACKBERRY AND FERGUSON PARKWAY

SEWER GENERAL NOTES

- 1. WATER AND SANITARY SEWER SEPARATION (VERTICAL AND HORIZONTAL) SHALL BE MAINTAINED IN ACCORDANCE WITH TCEQ REQUIREMENTS. SANITARY SEWER PIPE TO BE PRESSURE RATED AT VERTICAL CROSSINGS PER TCEQ REQUIREMENTS. 2. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES
- 3. ALL SANITARY SEWER LINES ARE 8" UNLESS OTHERWISE
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- 9. VERTICAL STACK ON THE SEWER LATERALS SHALL SIT 1.5' PAST THE R.O.W. LINE.



SHEET KEY MAP

OWNER/DEVELOPER MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201

Ph. 972-339-0159 Contact: MR. ZACH IPOUR

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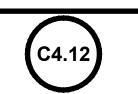
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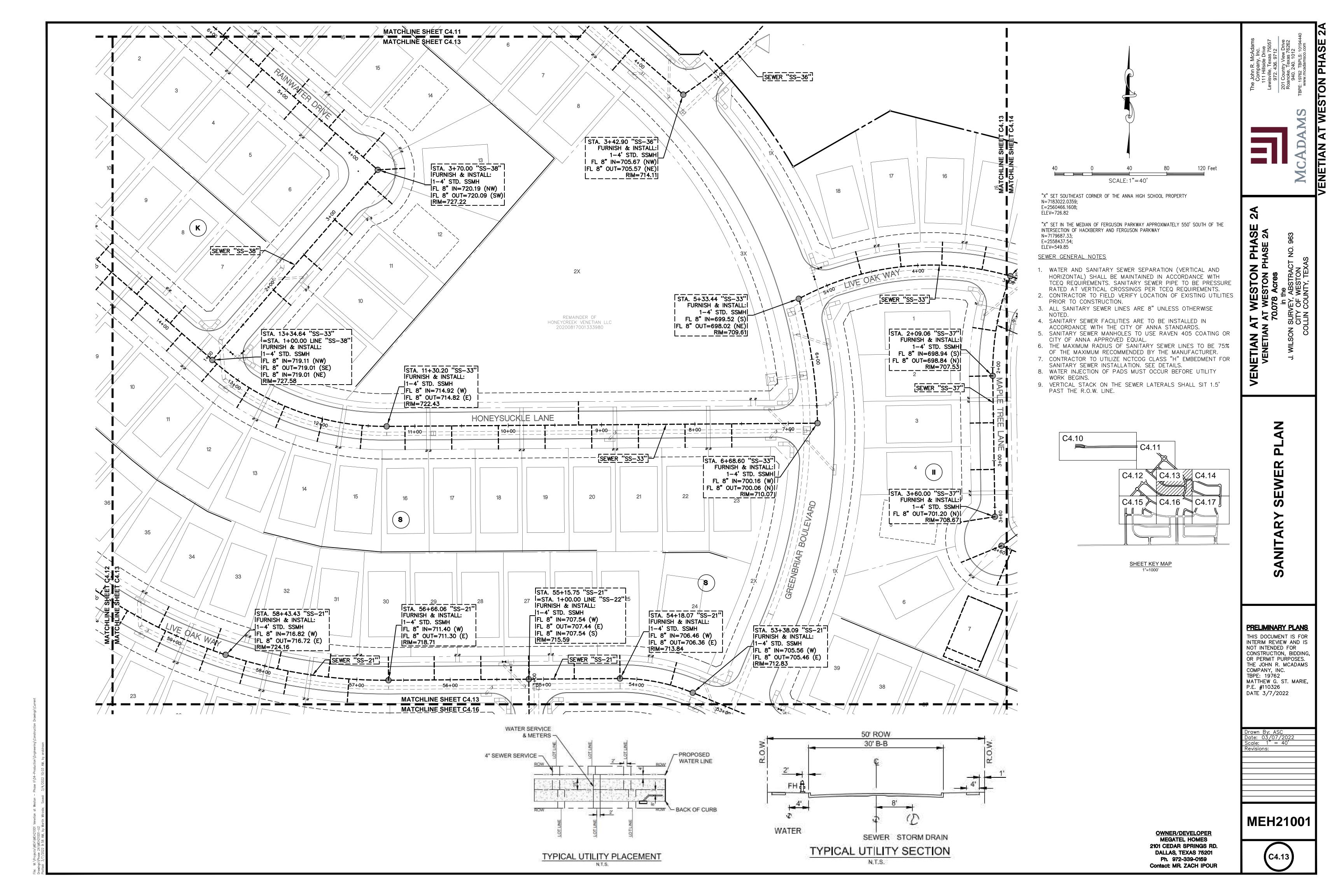
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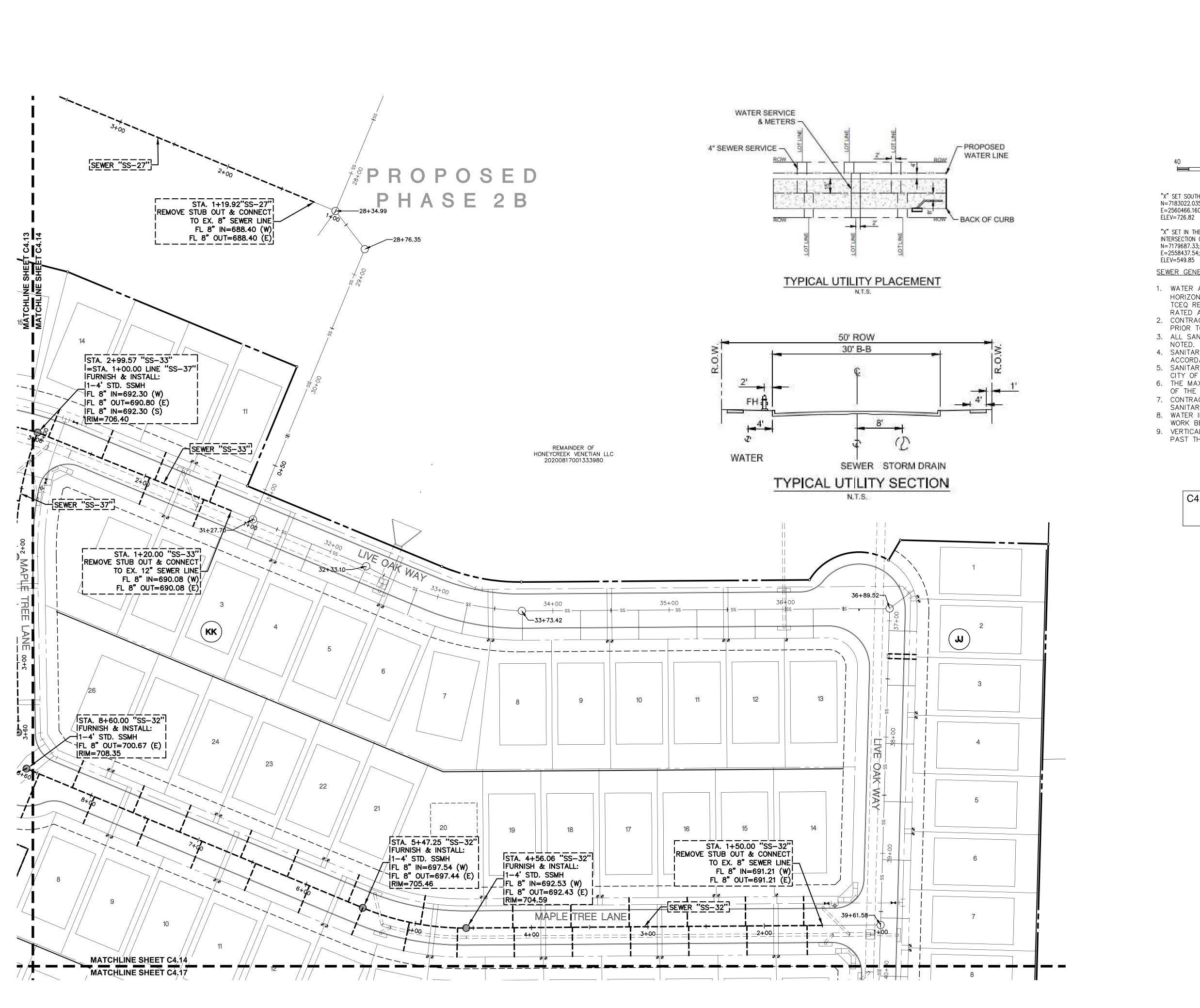
PRELIMINARY PLANS

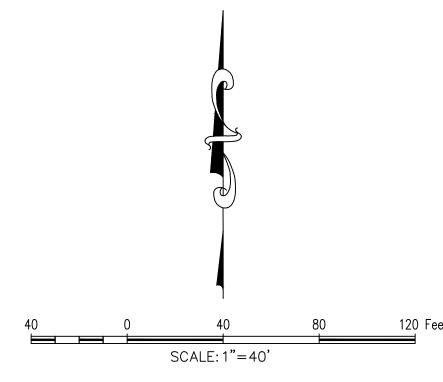
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Drawn By: ASC Revisions:







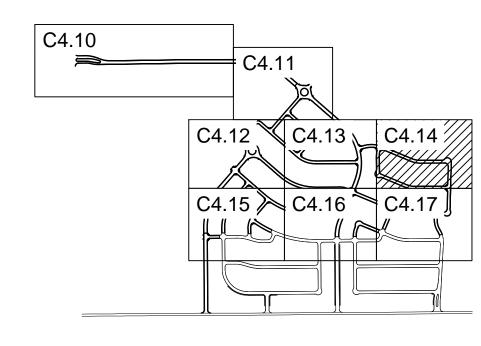


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SHEET KEY MAP

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PRELIMINARY PLANS

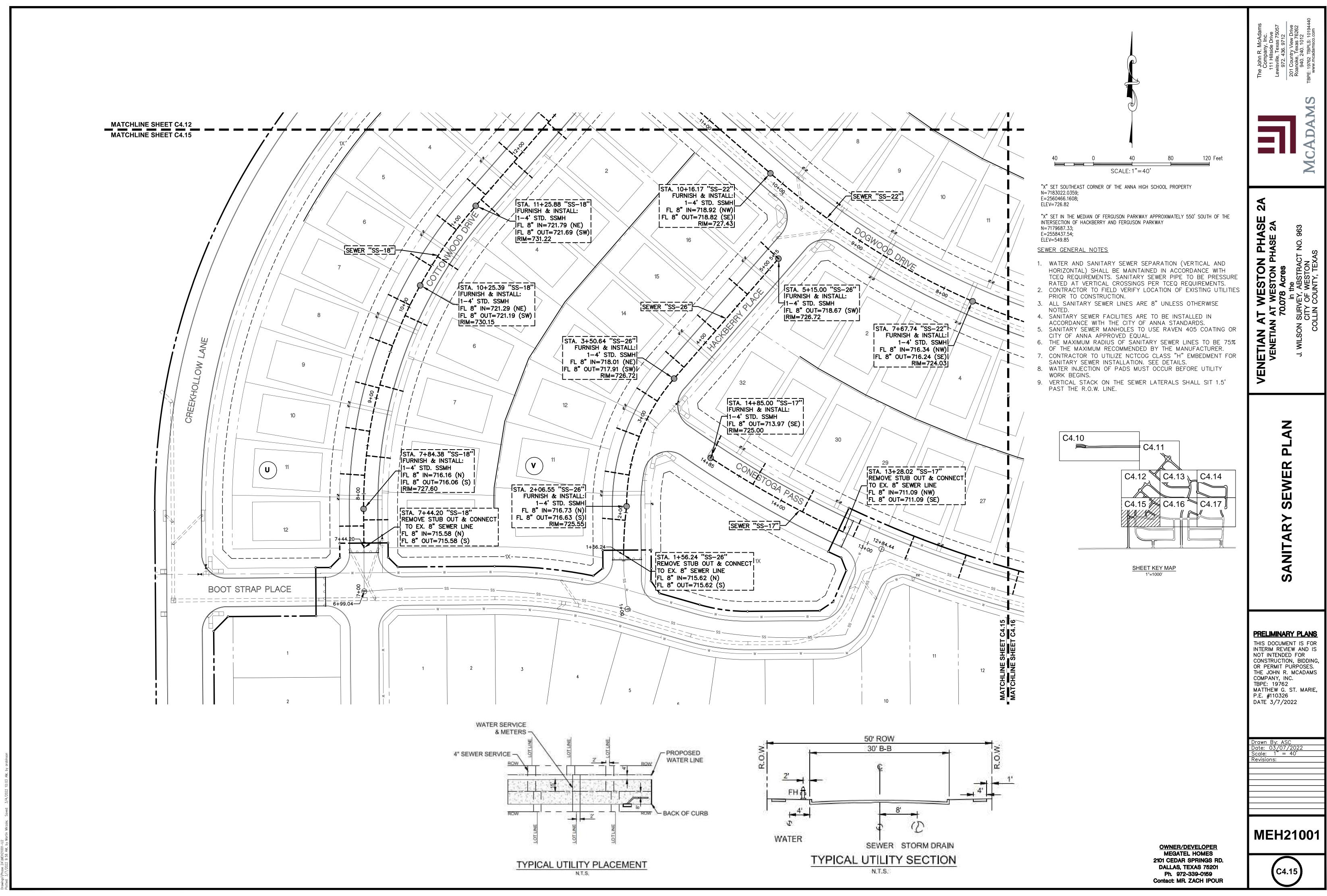
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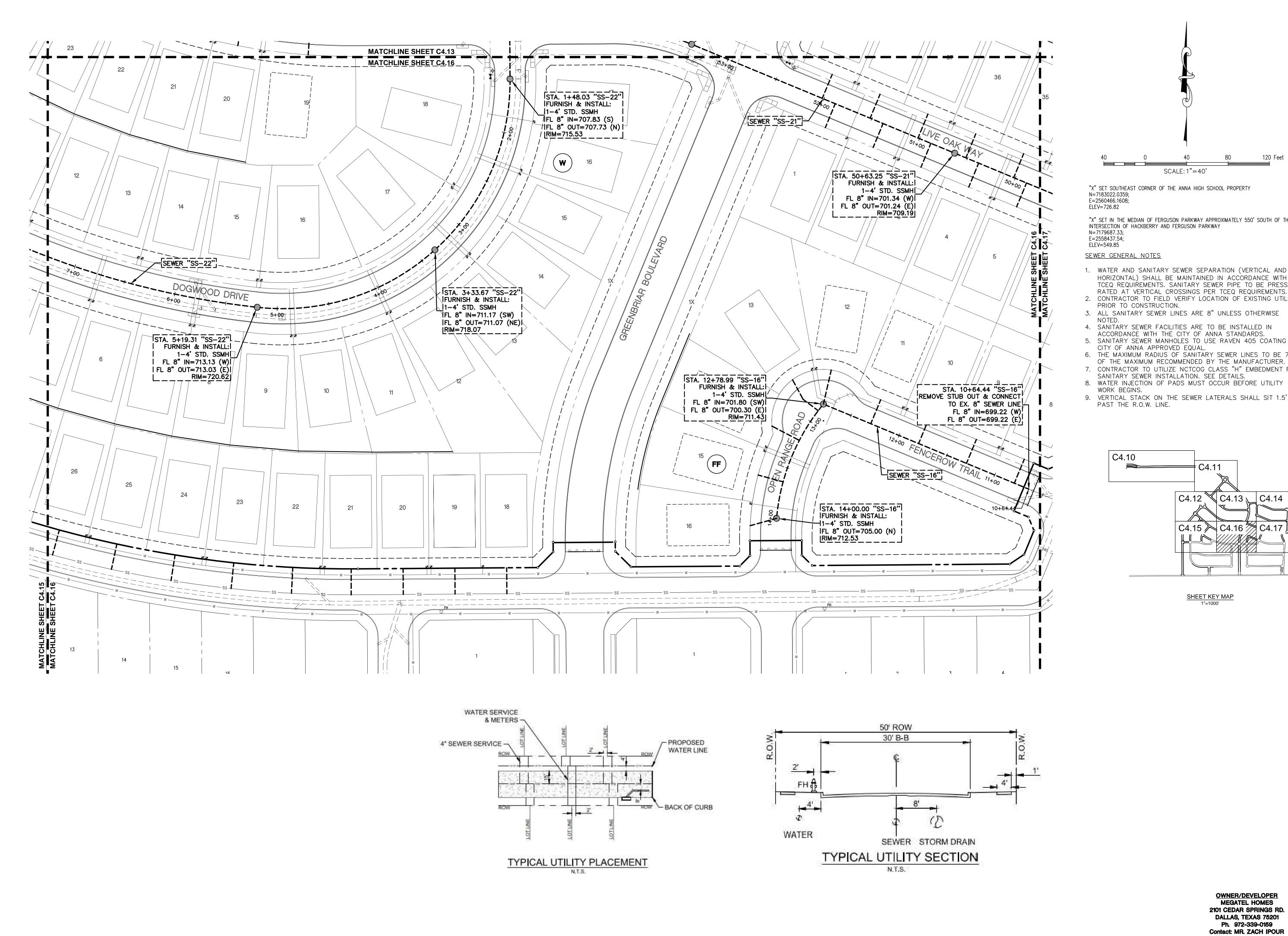
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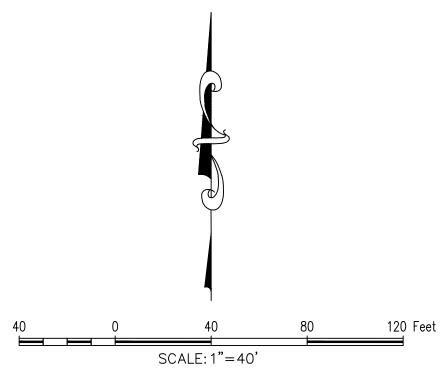
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OWNER/DEVELOPER MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201





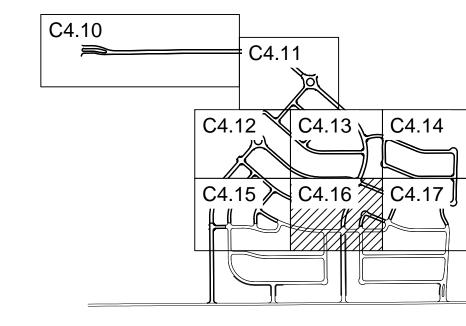




"X" SET SOUTHEAST CORNER OF THE ANNA HIGH SCHOOL PROPERTY

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- 1. WATER AND SANITARY SEWER SEPARATION (VERTICAL AND HORIZONTAL) SHALL BE MAINTAINED IN ACCORDANCE WITH TCEQ REQUIREMENTS. SANITARY SEWER PIPE TO BE PRESSURE RATED AT VERTICAL CROSSINGS PER TCEQ REQUIREMENTS.
- 2. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES
- 3. ALL SANITARY SEWER LINES ARE 8" UNLESS OTHERWISE
- 4. SANITARY SEWER FACILITIES ARE TO BE INSTALLED IN
- 5. SANITARY SEWER MANHOLES TO USE RAVEN 405 COATING OR
- 6. THE MAXIMUM RADIUS OF SANITARY SEWER LINES TO BE 75%
- 7. CONTRACTOR TO UTILIZE NCTCOG CLASS "H" EMBEDMENT FOR
- SANITARY SEWER INSTALLATION. SEE DETAILS. 8. WATER INJECTION OF PADS MUST OCCUR BEFORE UTILITY
- 9. VERTICAL STACK ON THE SEWER LATERALS SHALL SIT 1.5'



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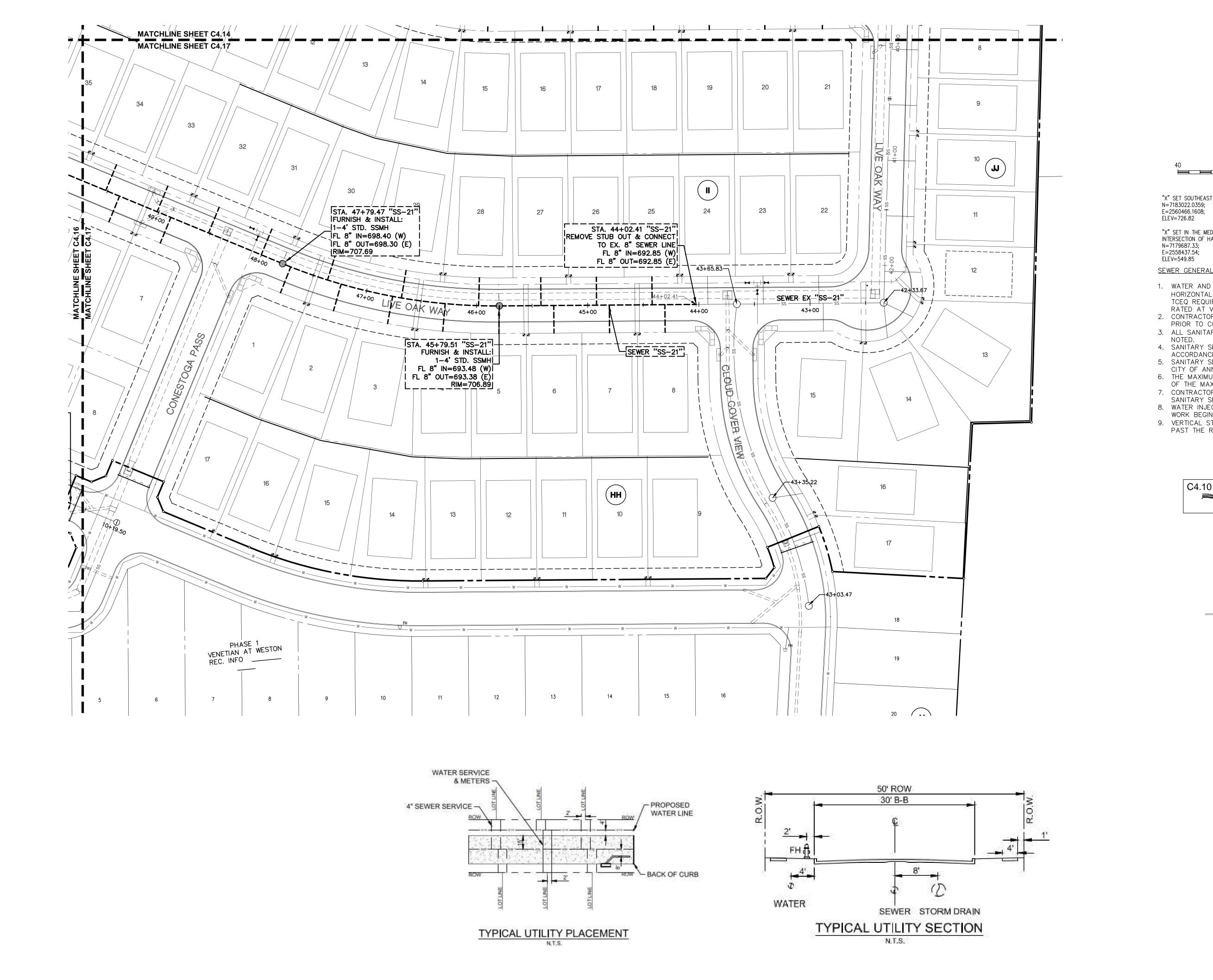
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CITY OF WESTON
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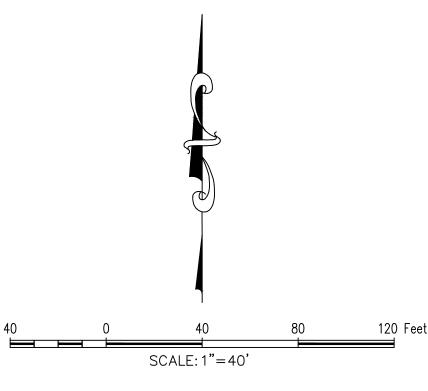
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PRELIMINARY PLANS THIS DOCUMENT IS FOR INTERIM REVIEW AND IS NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
THE JOHN R. MCADAMS COMPANY, INC. TBPE: 19762 MATTHEW G. ST. MARIE, P.E. #110326 DATE 3/7/2022

Revisions:





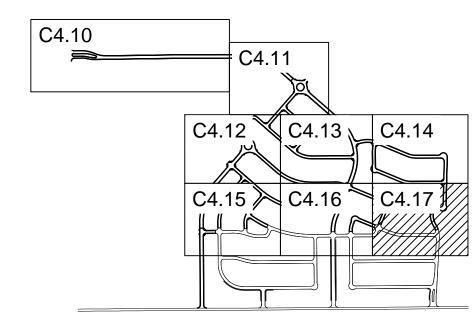


"X" SET SOUTHEAST CORNER OF THE ANNA HIGH SCHOOL PROPERTY

"X" SET IN THE MEDIAN OF FERGUSON PARKWAY APPROXIMATELY 550' SOUTH OF THE INTERSECTION OF HACKBERRY AND FERGUSON PARKWAY

SEWER GENERAL NOTES

- 1. WATER AND SANITARY SEWER SEPARATION (VERTICAL AND HORIZONTAL) SHALL BE MAINTAINED IN ACCORDANCE WITH TCEQ REQUIREMENTS. SANITARY SEWER PIPE TO BE PRESSURE RATED AT VERTICAL CROSSINGS PER TCEQ REQUIREMENTS.
- 2. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. 3. ALL SANITARY SEWER LINES ARE 8" UNLESS OTHERWISE
- 4. SANITARY SEWER FACILITIES ARE TO BE INSTALLED IN ACCORDANCE WITH THE CITY OF ANNA STANDARDS.
- 5. SANITARY SEWER MANHOLES TO USE RAVEN 405 COATING OR CITY OF ANNA APPROVED EQUAL.
- 6. THE MAXIMUM RADIUS OF SANITARY SEWER LINES TO BE 75% OF THE MAXIMUM RECOMMENDED BY THE MANUFACTURER.
- 7. CONTRACTOR TO UTILIZE NCTCOG CLASS "H" EMBEDMENT FOR SANITARY SEWER INSTALLATION. SEE DETAILS.
- 8. WATER INJECTION OF PADS MUST OCCUR BEFORE UTILITY WORK BEGINS.
- 9. VERTICAL STACK ON THE SEWER LATERALS SHALL SIT 1.5' PAST THE R.O.W. LINE.



SHEET KEY MAP

OWNER/DEVELOPER **MEGATEL HOMES** 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201 Ph. 972-339-0159 Contact: MR. ZACH IPOUR

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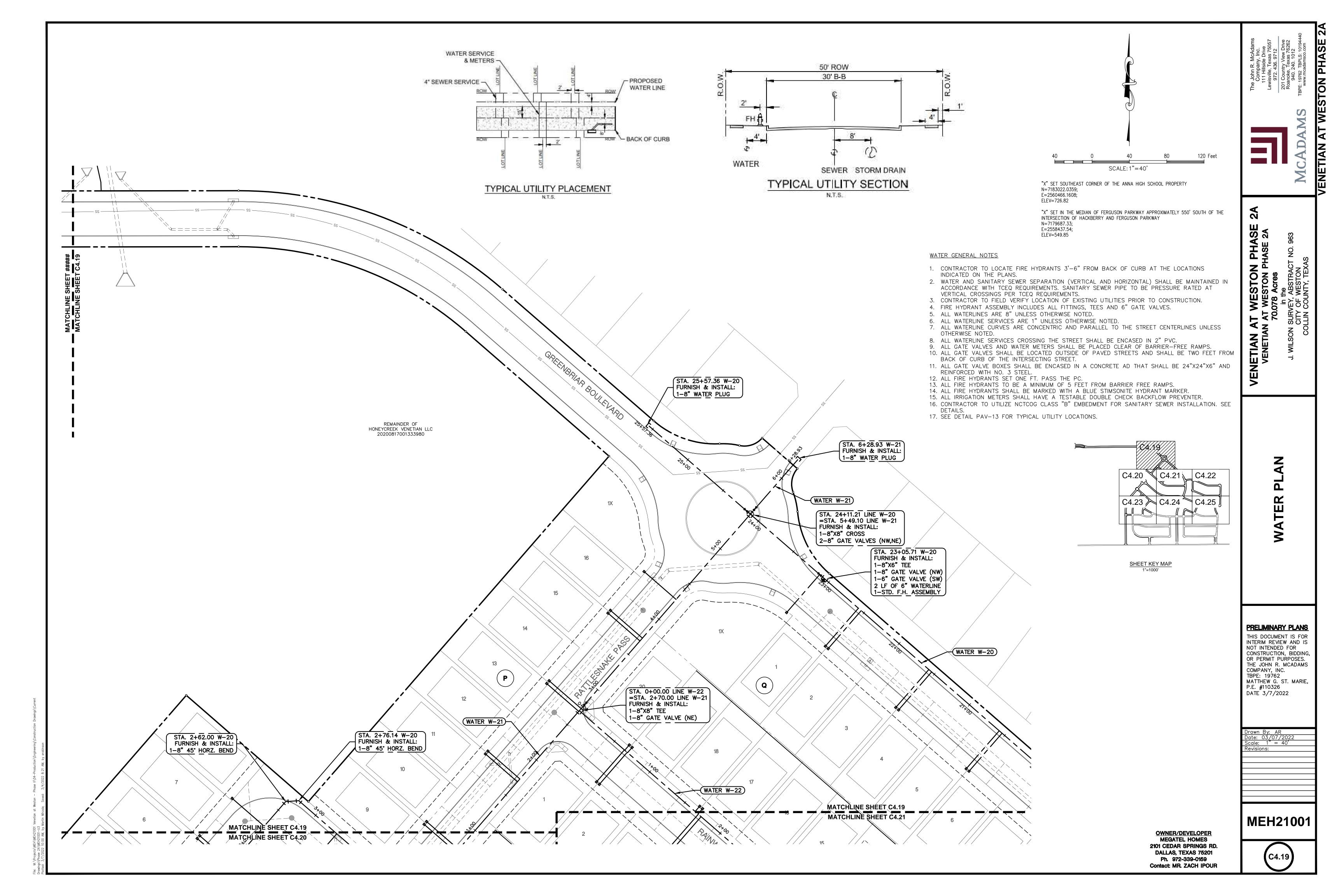
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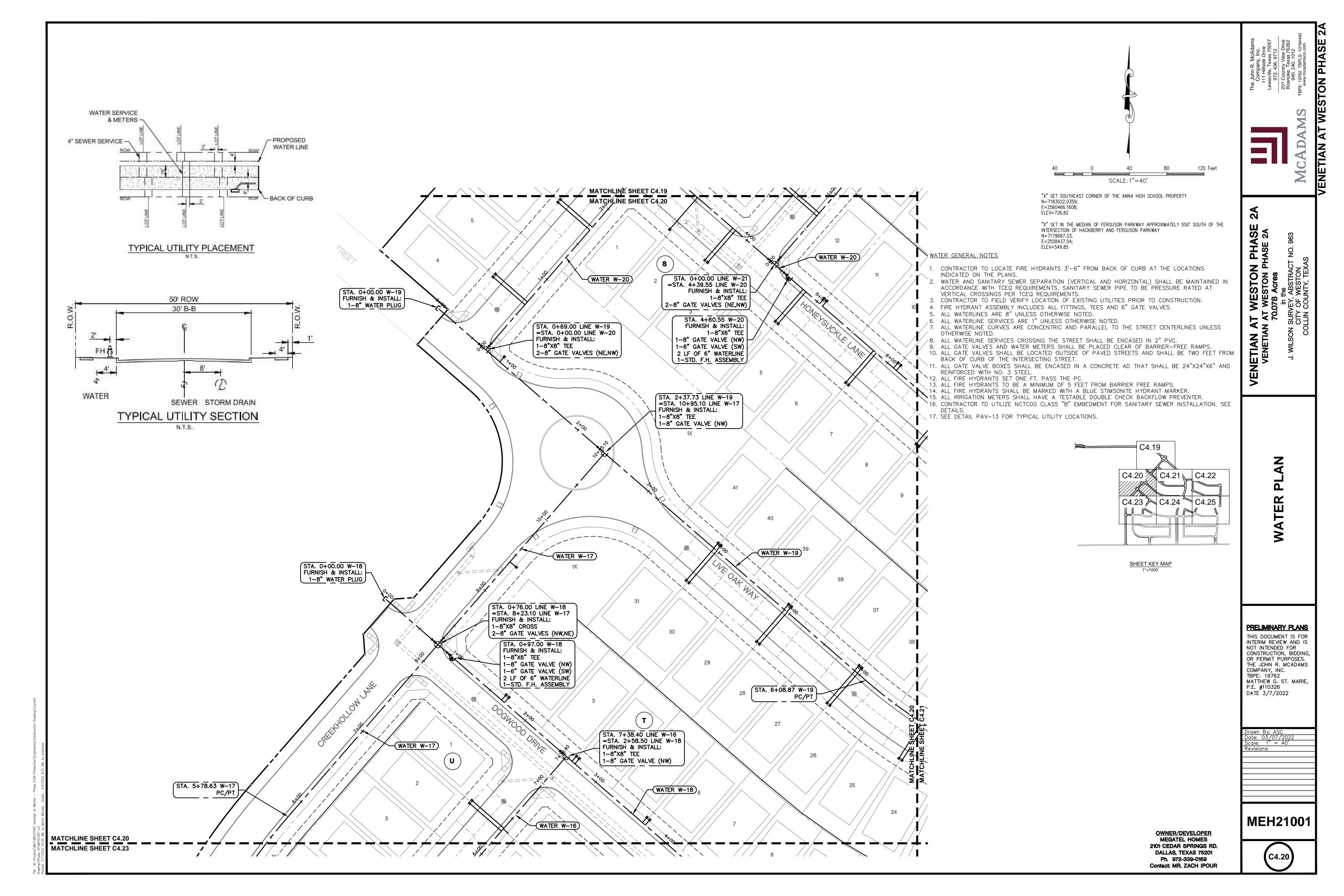
PRELIMINARY PLANS

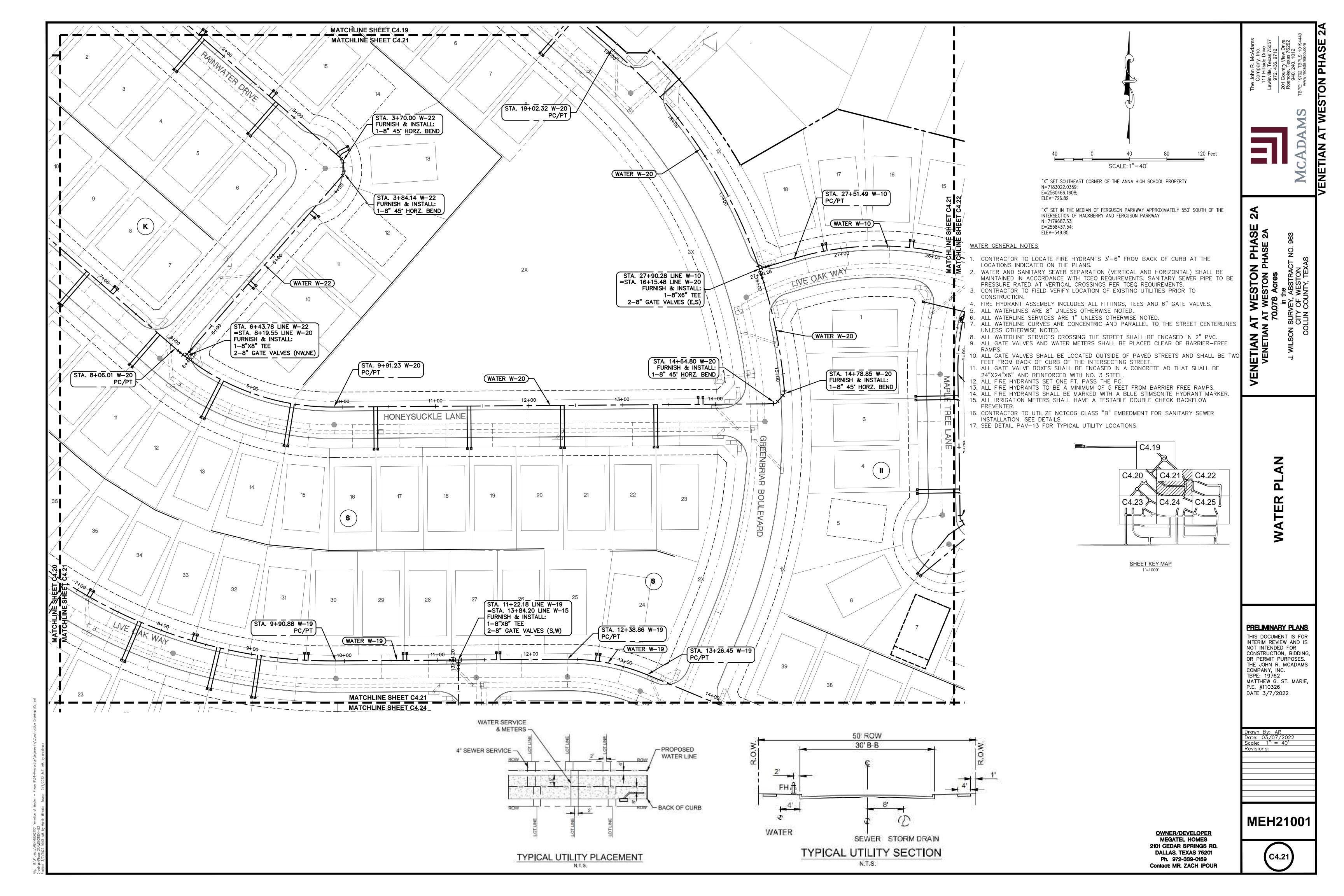
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MATTHEW G. ST. MARIE, P.E. #110326 DATE 3/7/2022

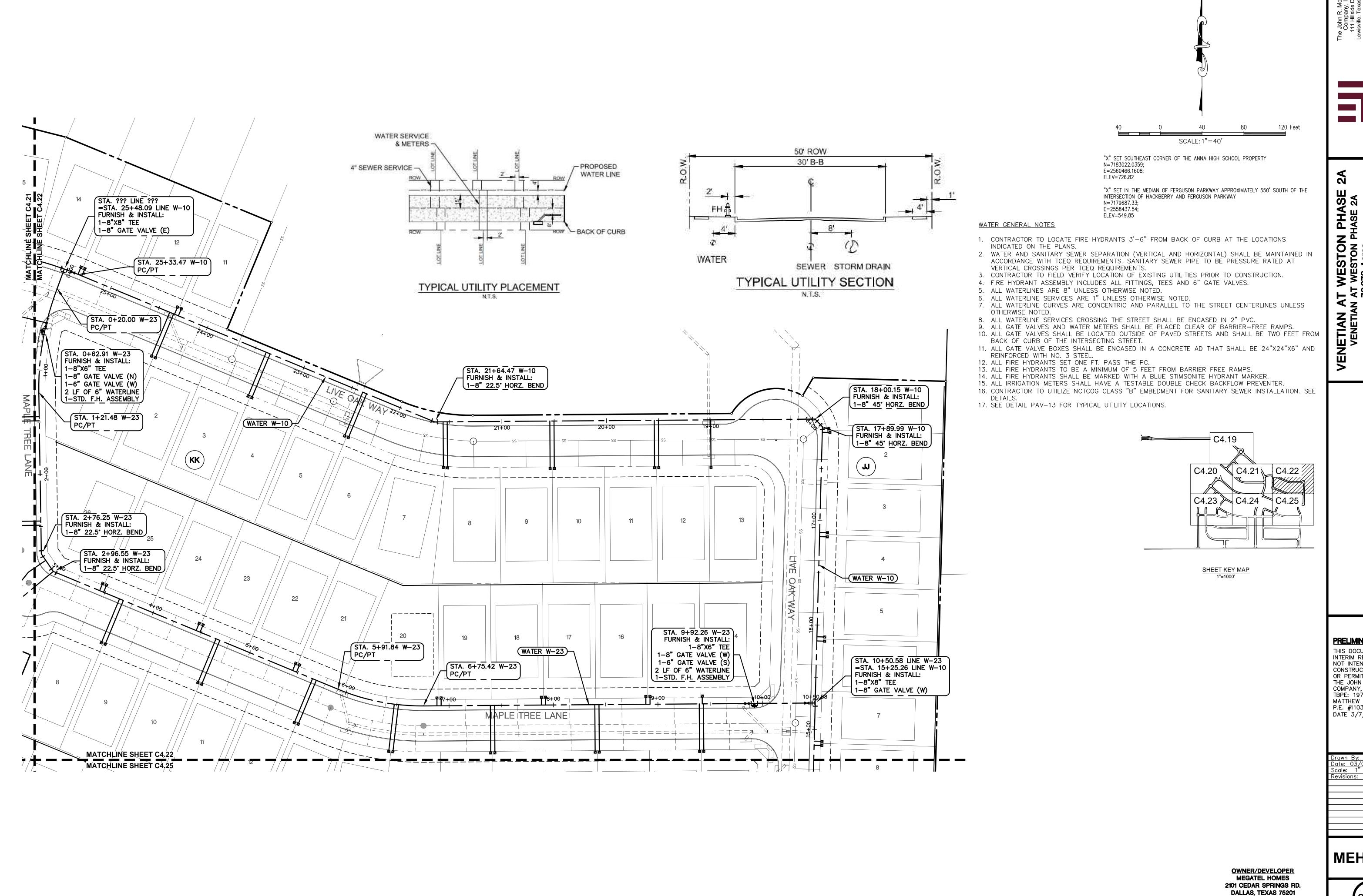
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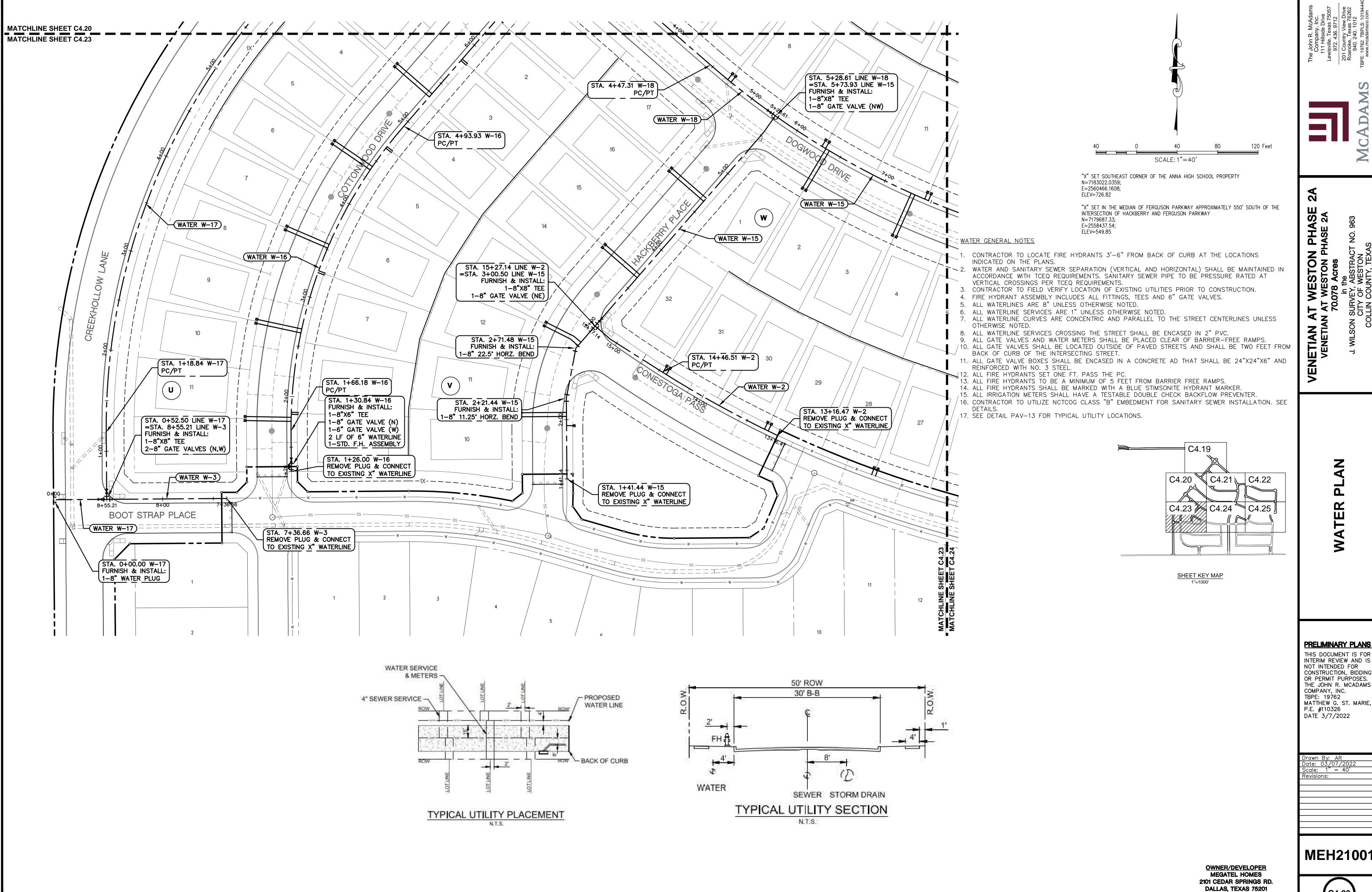
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THE JOHN R. MCADAMS COMPANY, INC. TBPE: 19762 MATTHEW G. ST. MARIE, P.E. #110326 DATE 3/7/2022

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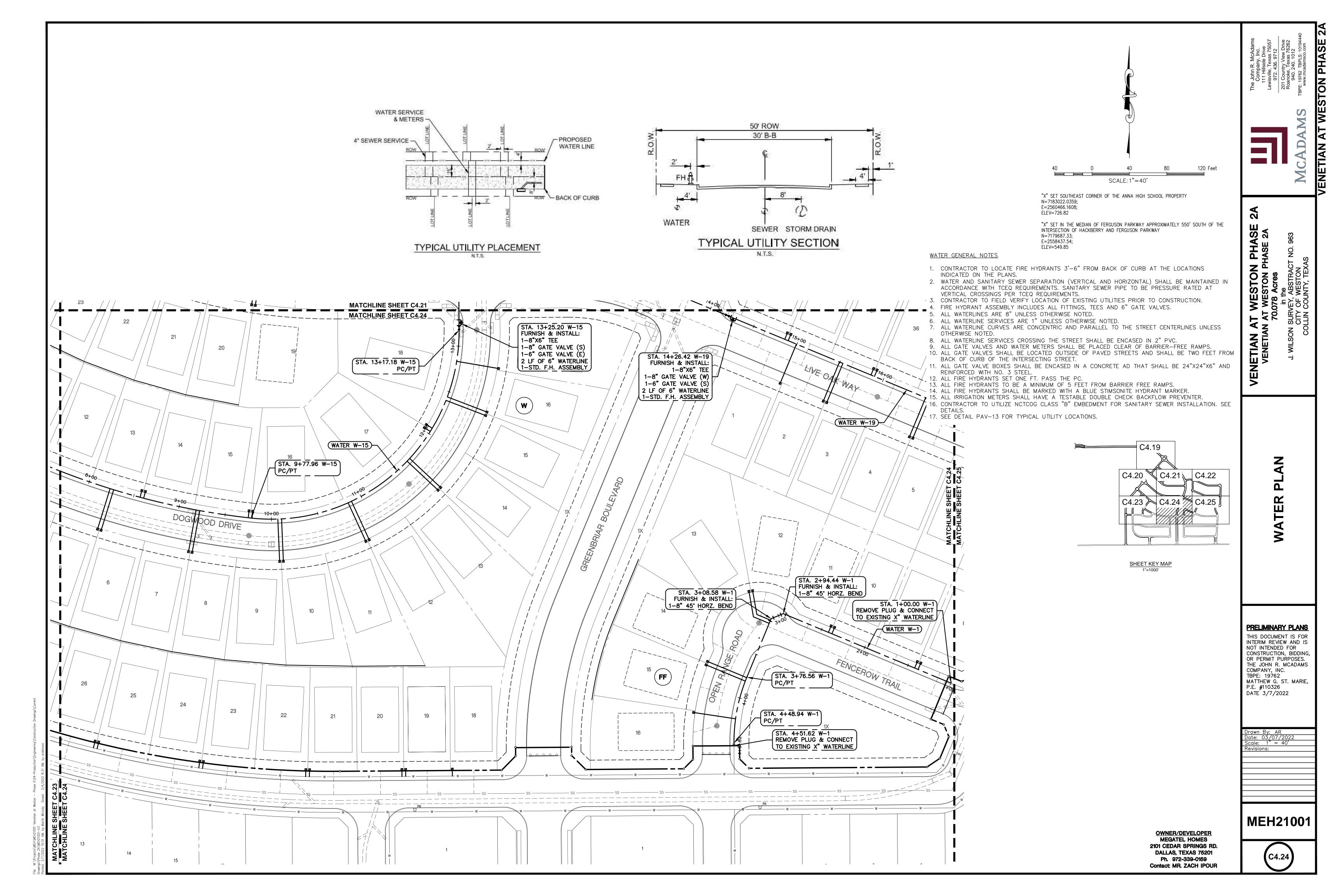


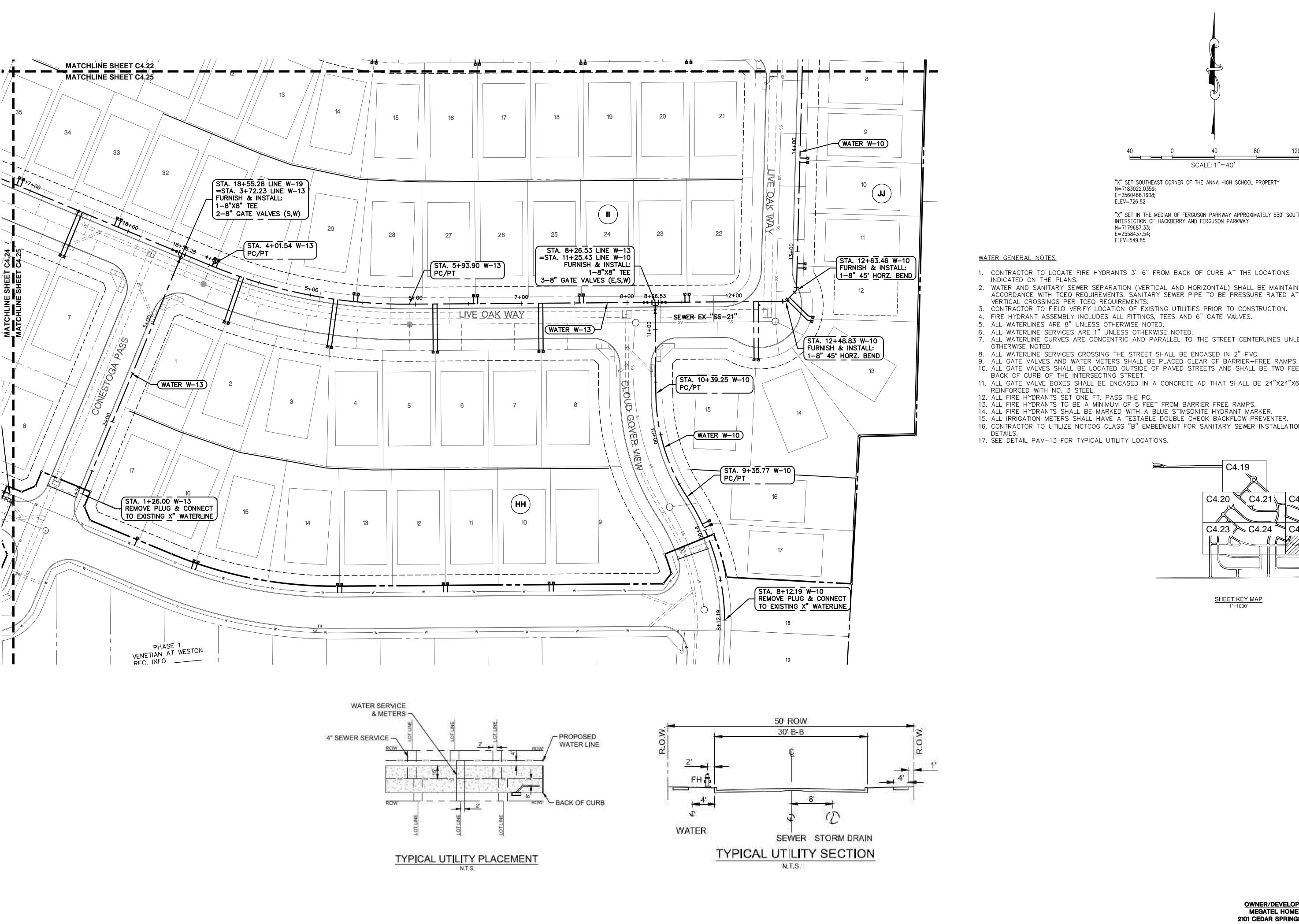
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OR PERMIT PURPOSES.
THE JOHN R. MCADAMS COMPANY, INC. MATTHEW G. ST. MARIE,

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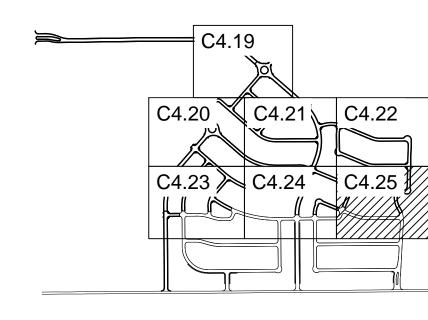
SCALE: 1"=40'

"X" SET SOUTHEAST CORNER OF THE ANNA HIGH SCHOOL PROPERTY

"X" SET IN THE MEDIAN OF FERGUSON PARKWAY APPROXIMATELY 550' SOUTH OF THE INTERSECTION OF HACKBERRY AND FERGUSON PARKWAY

- 1. CONTRACTOR TO LOCATE FIRE HYDRANTS 3'-6" FROM BACK OF CURB AT THE LOCATIONS
- 2. WATER AND SANITARY SEWER SEPARATION (VERTICAL AND HORIZONTAL) SHALL BE MAINTAINED IN ACCORDANCE WITH TCEQ REQUIREMENTS. SANITARY SEWER PIPE TO BE PRESSURE RATED AT
- 3. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- 4. FIRE HYDRANT ASSEMBLY INCLUDES ALL FITTINGS, TEES AND 6" GATE VALVES.
- 6. ALL WATERLINE SERVICES ARE 1" UNLESS OTHERWISE NOTED.
- 7. ALL WATERLINE CURVES ARE CONCENTRIC AND PARALLEL TO THE STREET CENTERLINES UNLESS
- 8. ALL WATERLINE SERVICES CROSSING THE STREET SHALL BE ENCASED IN 2" PVC.
- 10. ALL GATE VALVES SHALL BE LOCATED OUTSIDE OF PAVED STREETS AND SHALL BE TWO FEET FROM
- 11. ALL GATE VALVE BOXES SHALL BE ENCASED IN A CONCRETE AD THAT SHALL BE 24"X24"X6" AND

- 14. ALL FIRE HYDRANTS SHALL BE MARKED WITH A BLUE STIMSONITE HYDRANT MARKER.
- 15. ALL IRRIGATION METERS SHALL HAVE A TESTABLE DOUBLE CHECK BACKFLOW PREVENTER.
- 16. CONTRACTOR TO UTILIZE NCTCOG CLASS "B" EMBEDMENT FOR SANITARY SEWER INSTALLATION. SEE



SHEET KEY MAP

OWNER/DEVELOPER MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201

Ph. 972-339-0159 Contact: MR. ZACH IPOUR

PRELIMINARY PLANS

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OR PERMIT PURPOSES.
THE JOHN R. MCADAMS COMPANY, INC. TBPE: 19762 MATTHEW G. ST. MARIE, P.E. #110326 DATE 3/7/2022

Revisions:



VENETIAN AT WESTON PHASE

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VENETIAN AT WESTON PHASE 2A
VENETIAN AT WESTON PHASE 2A
70.078 Acres
in the
J. WILSON SURVEY, ABSTRACT NO. 963
CITY OF WESTON
COLLIN COUNTY, TEXAS

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PRELIMINARY PLANS

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Drawn By: AR
Date: 03/07/2022
Scale: 1" = 40' Revisions:

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OWNER/DEVELOPER MEGATEL HOMES

2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201

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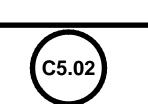
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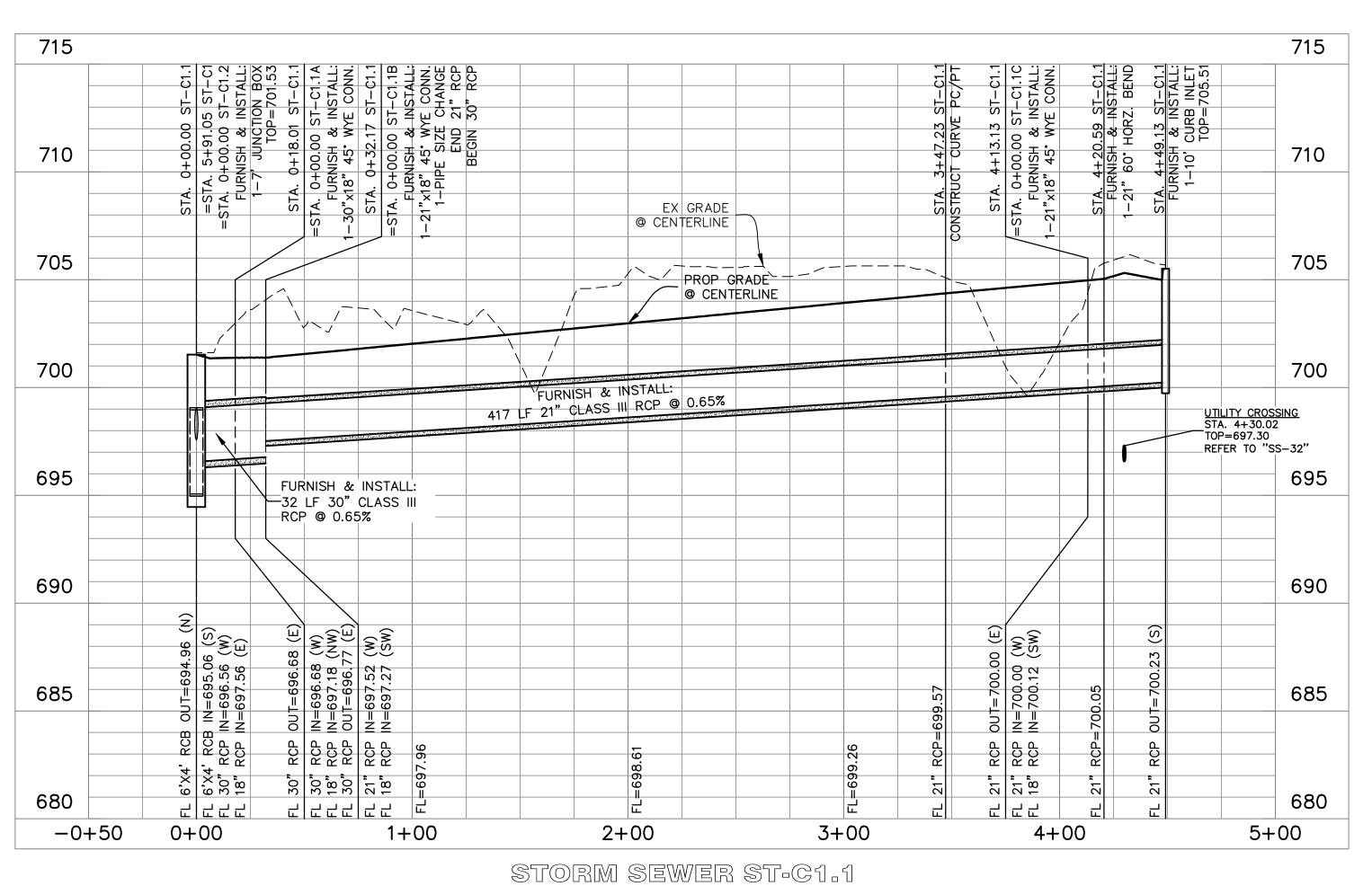
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Drawn By: AR Date: 03/07/2022 Scale: 1" = 40' Revisions:

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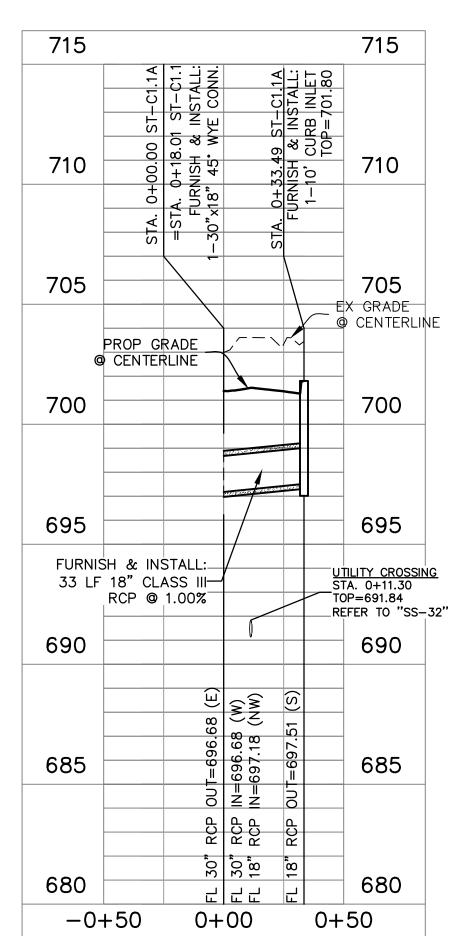
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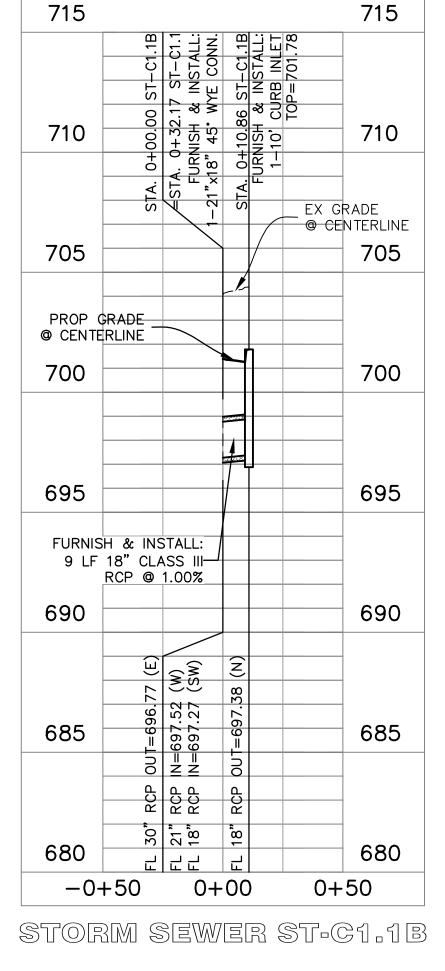
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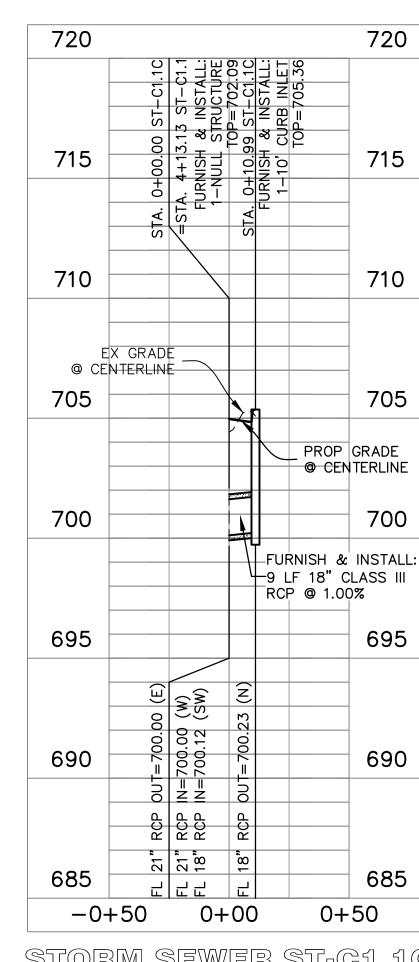
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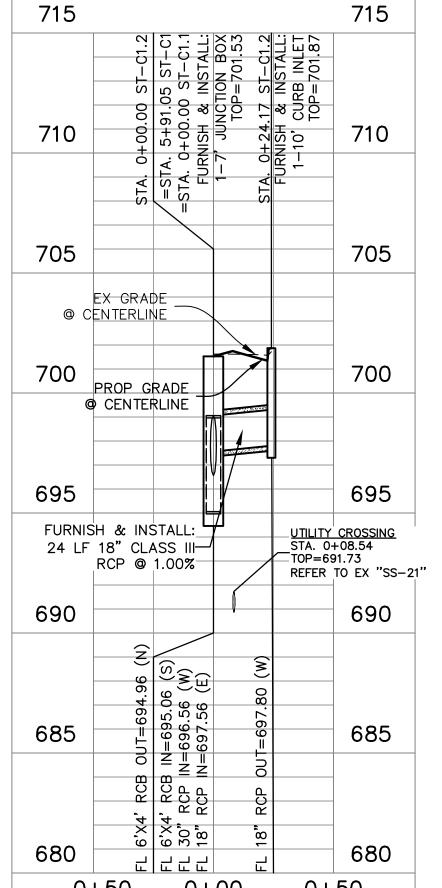
STORM SEWER ST-C1.1A

720





STORM SEWER ST-C1.1C



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EX GRADE @ CENTERLINE

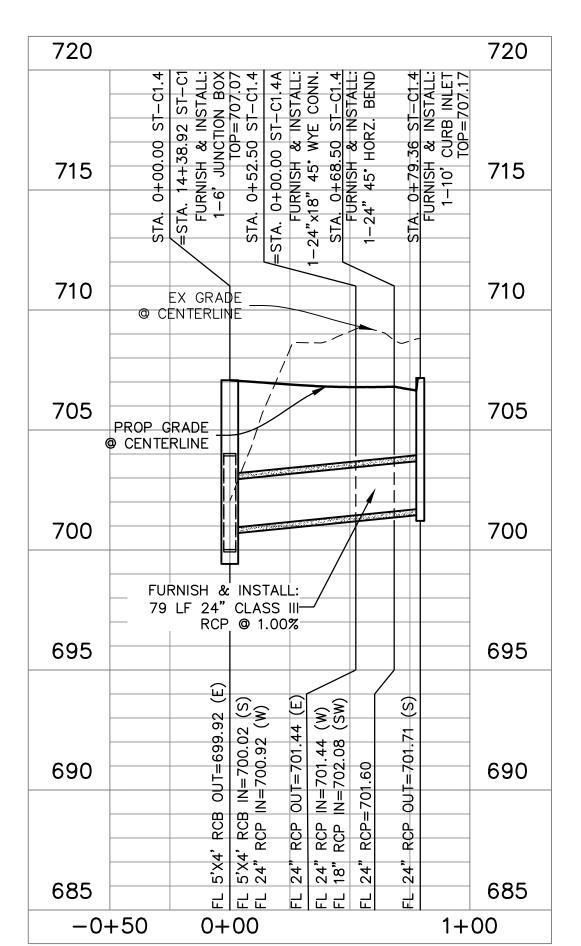
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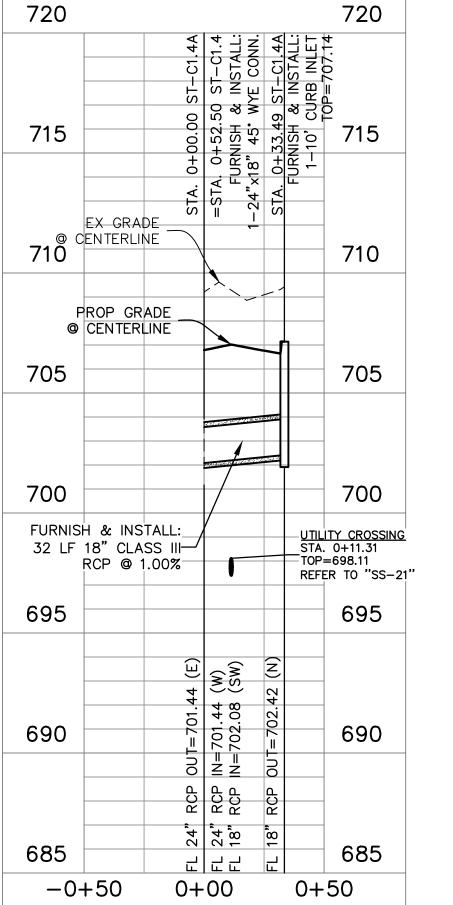
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9 LF 18" CLASS III[□]

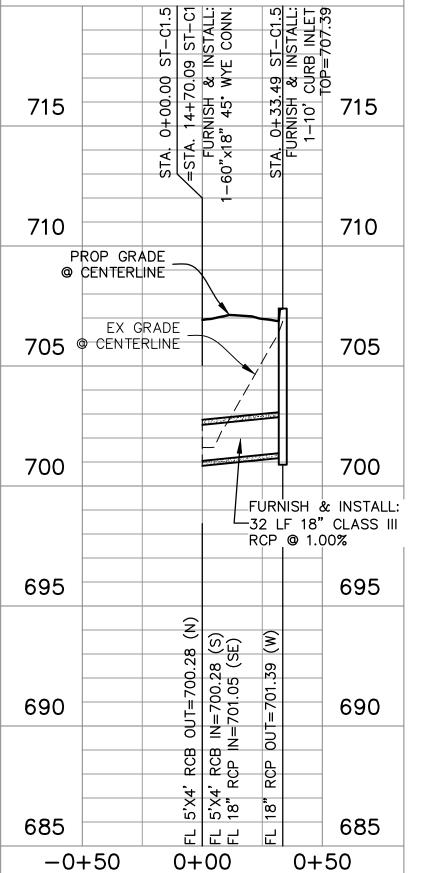
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STORM SEWER ST-C1.4

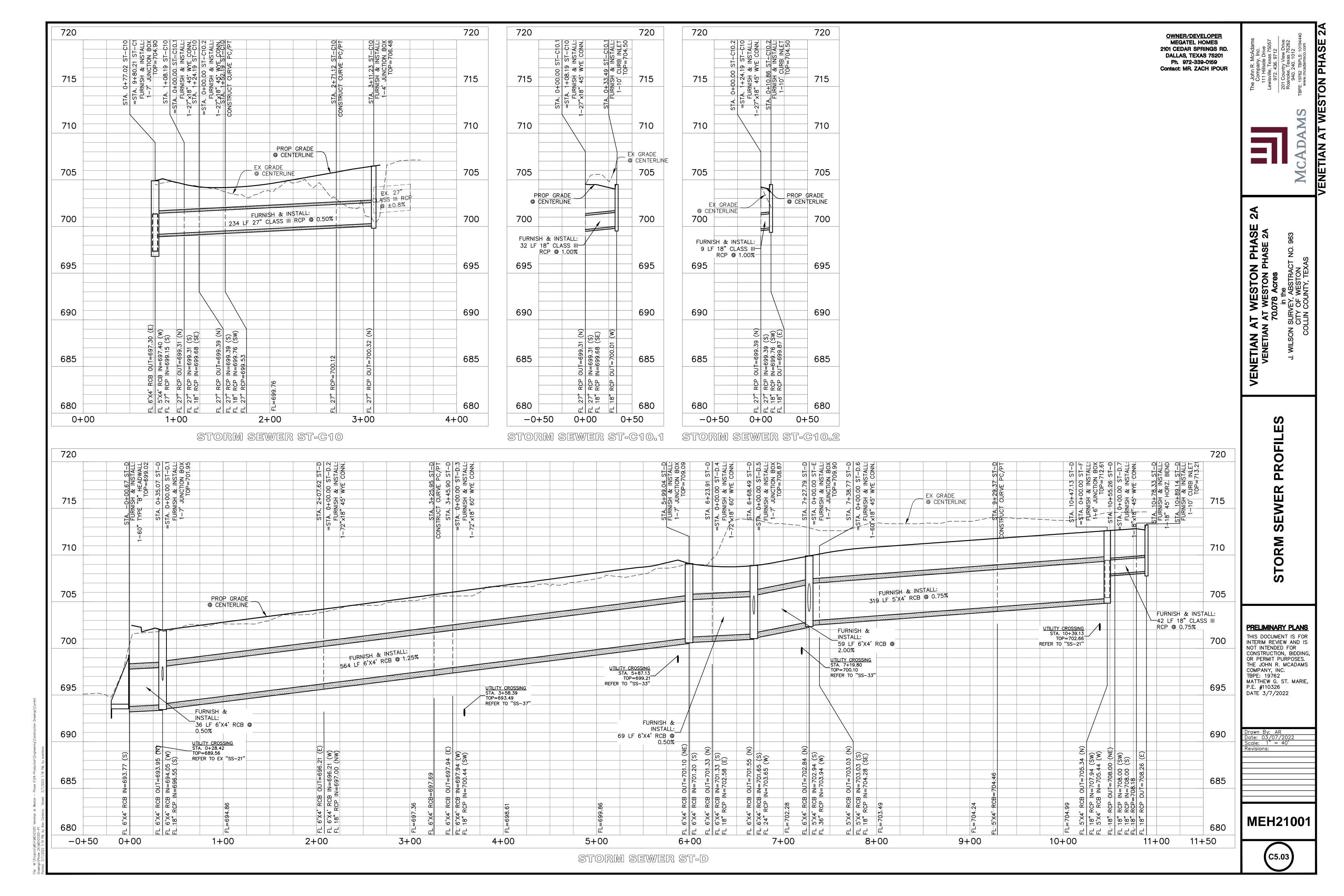


STORM SEWER ST-C1.4A



STORM SEWER ST-C1.5

OWNER/DEVELOPER MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201 Ph. 972-339-0159 Contact: MR. ZACH IPOUR



WESTON PHASE

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Drawn By: AR Date: 03/07/2022 Scale: 1" = 40' Revisions:

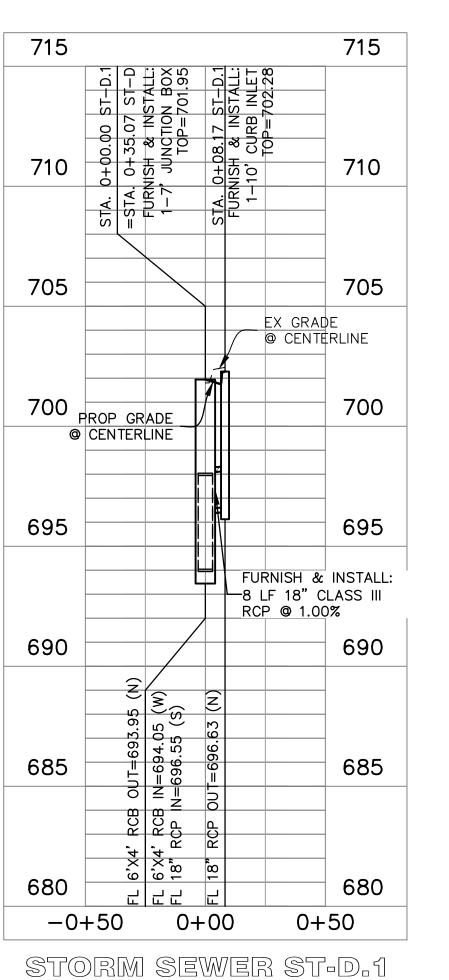
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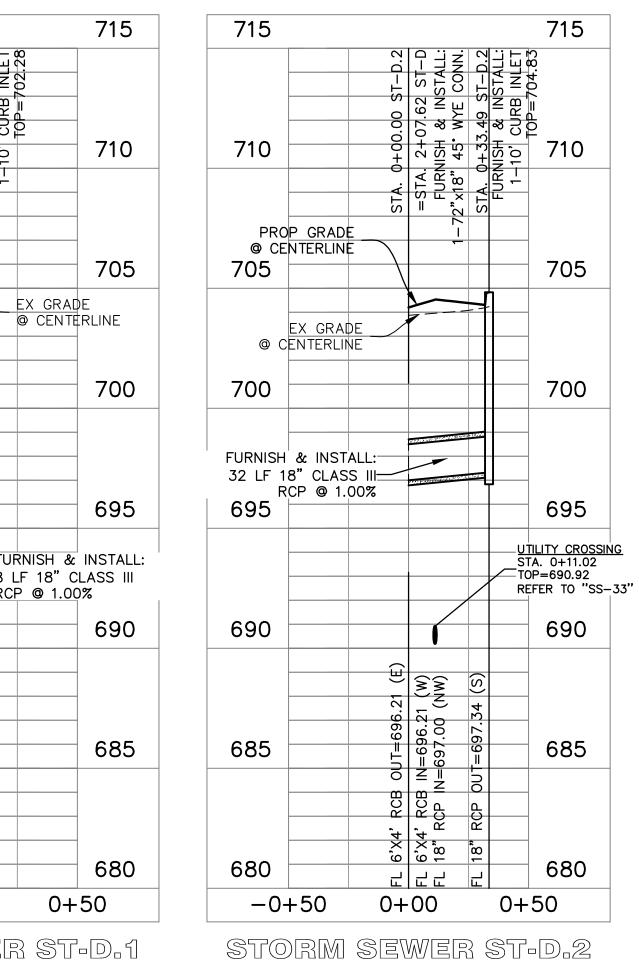
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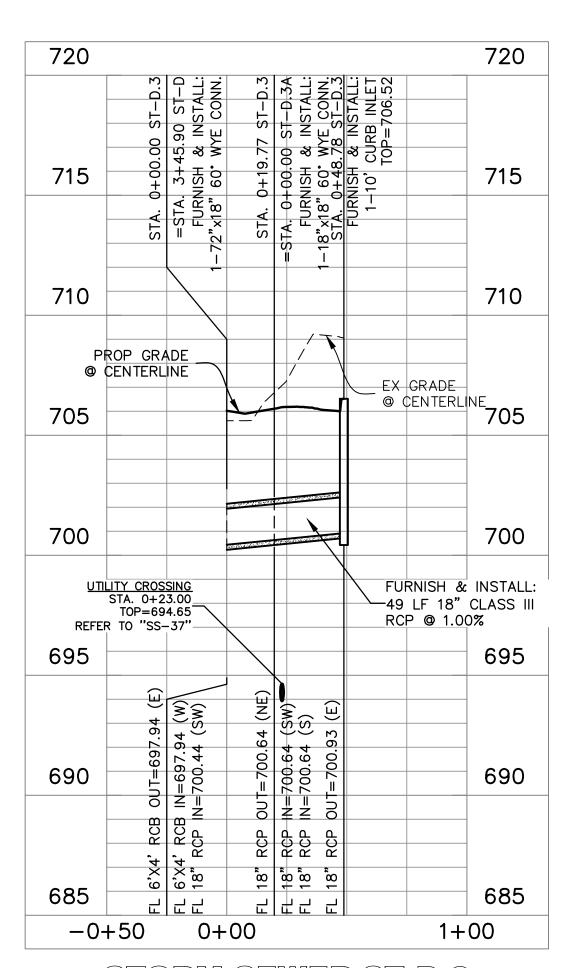
OWNER/DEVELOPER

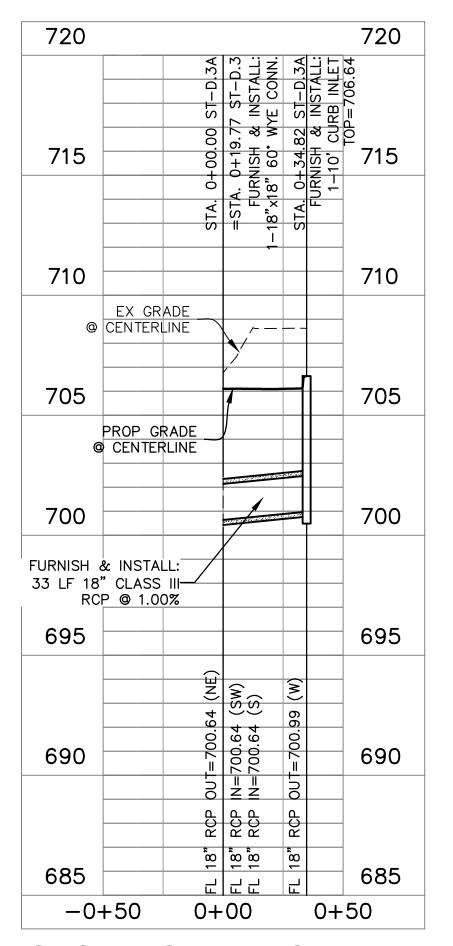
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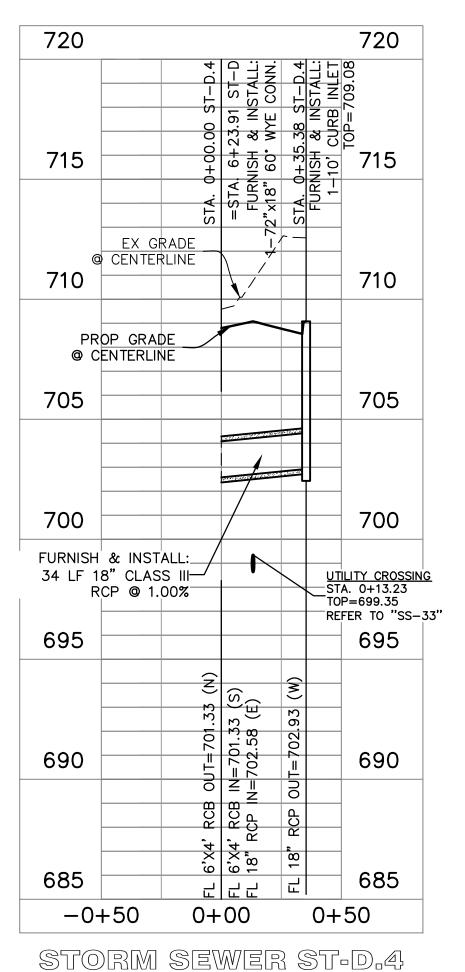
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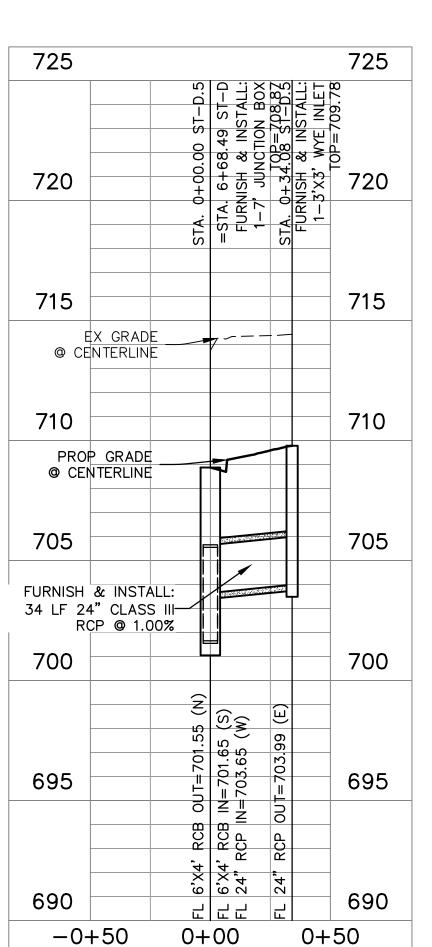




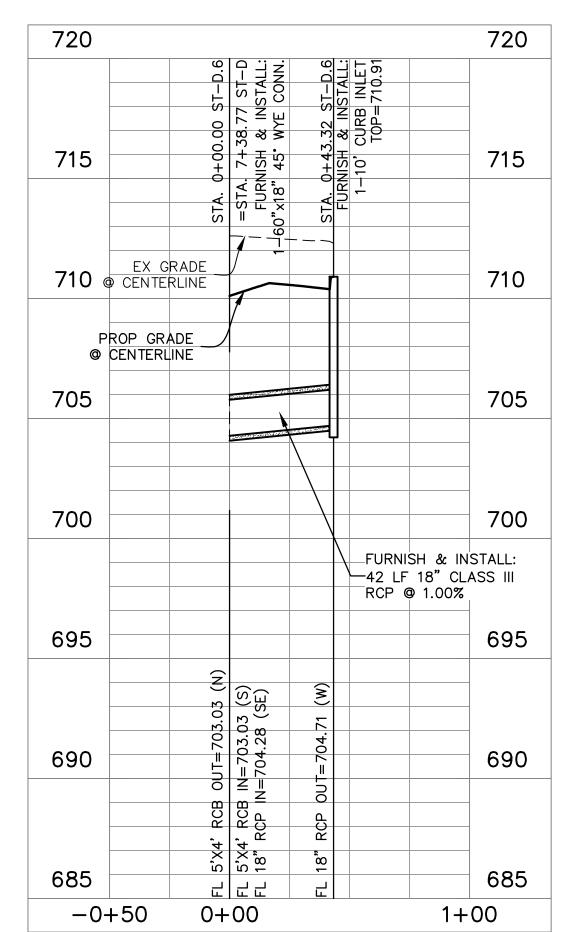
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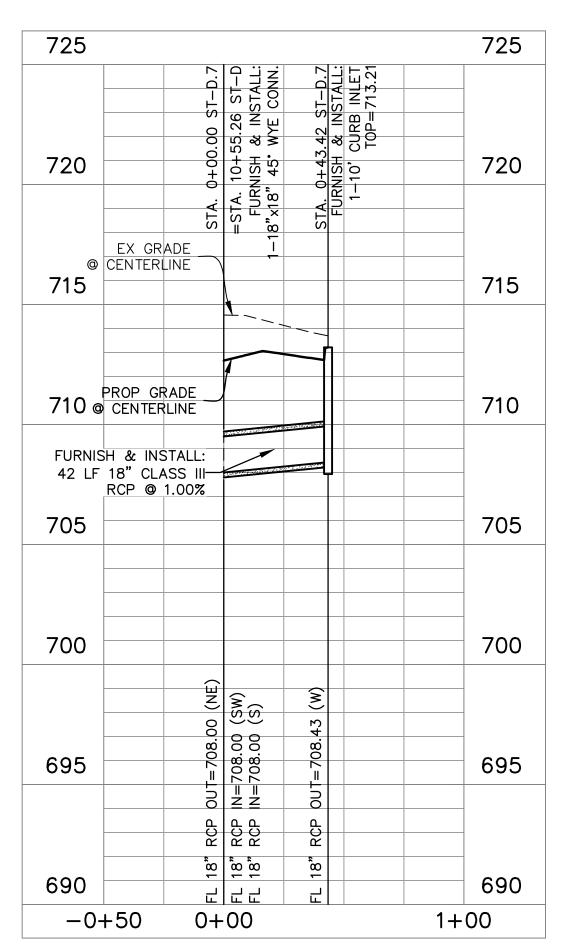






STORM SEWER ST-D.5





STORM SEWER ST-D.6

STORM SEWER ST-D.7

VENETIAN AT WESTON PHASE

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VENETIAN AT WESTON PHASE
VENETIAN AT WESTON PHASE 2A
70.078 Acres
in the

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PRELIMINARY PLANS

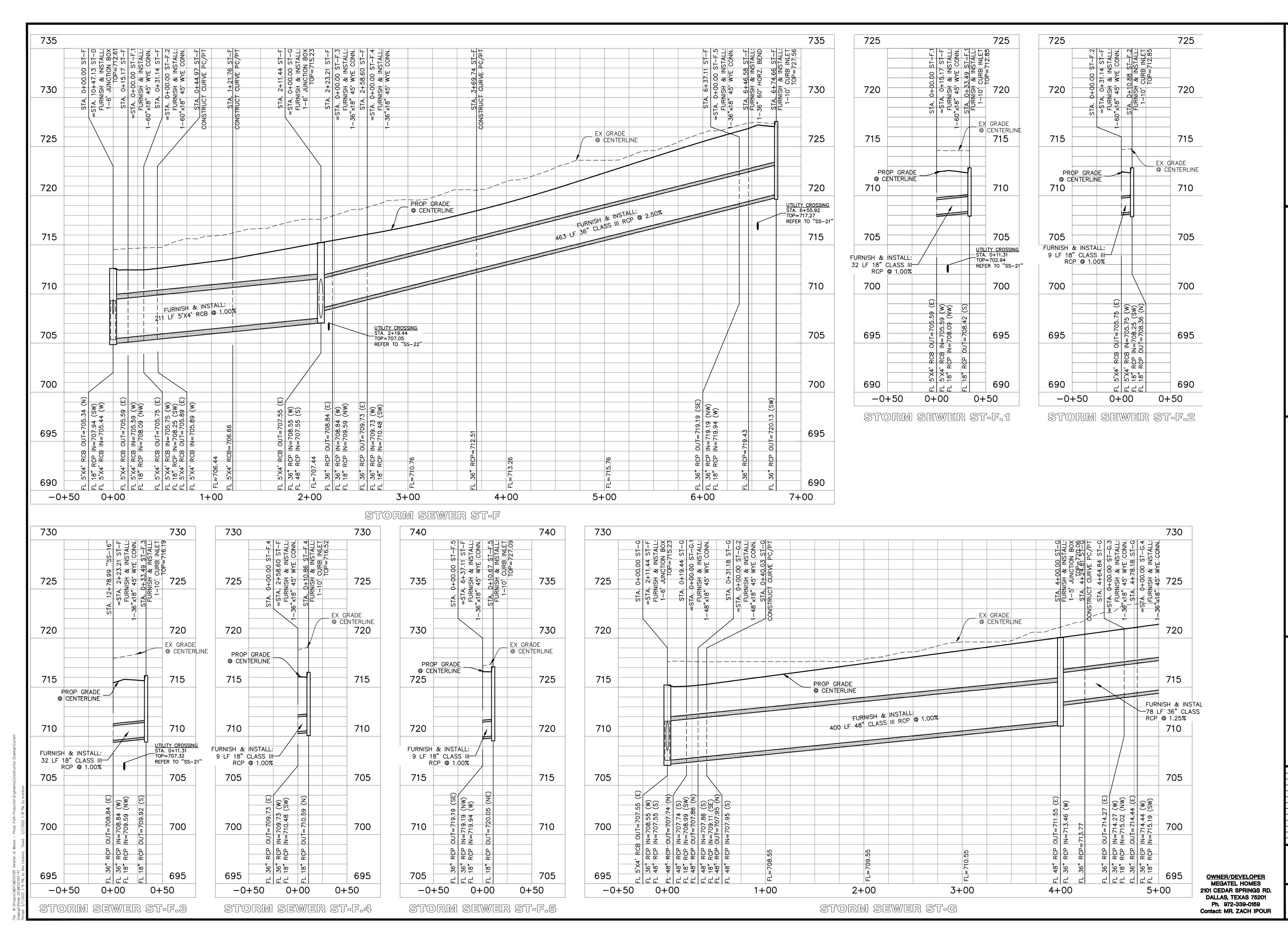
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Drawn By: AR Date: 03/07/2022 Scale: 1" = 40' Revisions:

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OWNER/DEVELOPER MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201 Ph. 972-339-0159 Contact: MR. ZACH IPOUR



WESTON PHASE

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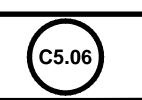
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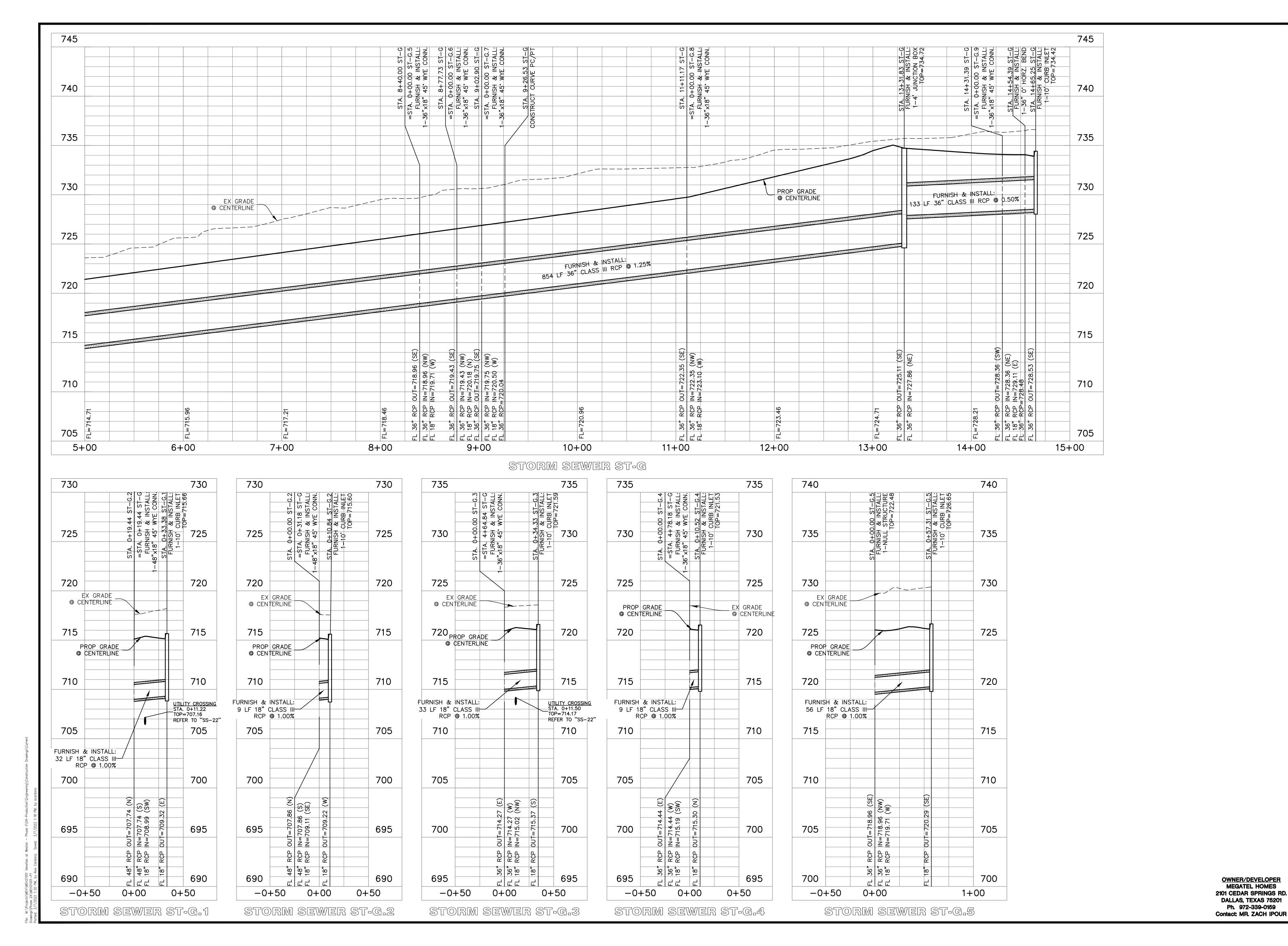
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THE JOHN R. MCADAMS
COMPANY, INC. TBPE: 19762 MATTHEW G. ST. MARIE, P.E. #110326 DATE 3/7/2022

Drawn By: AR Date: 03/07/202 Scale: 1" = 40' Revisions:





VENETIAN AT WESTON PHASE



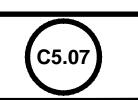
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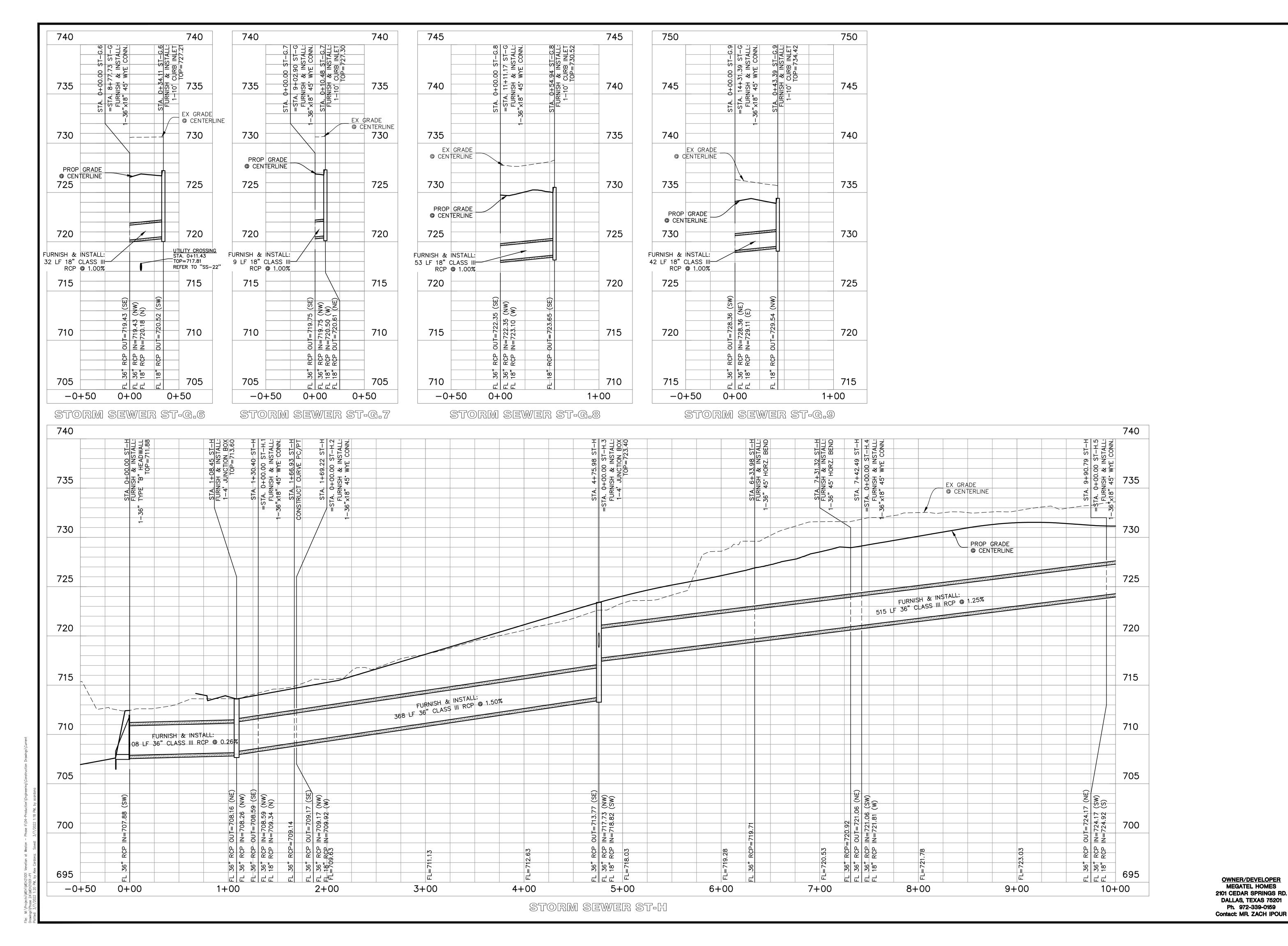
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WESTON PHASE

VENETIAN AT

VENETIAN AT WESTON PHASE 2A
VENETIAN AT WESTON PHASE 2A
70.078 Acres
in the
J. WILSON SURVEY, ABSTRACT NO. 963
CITY OF WESTON
COLLIN COUNTY, TEXAS

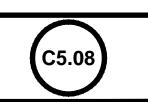
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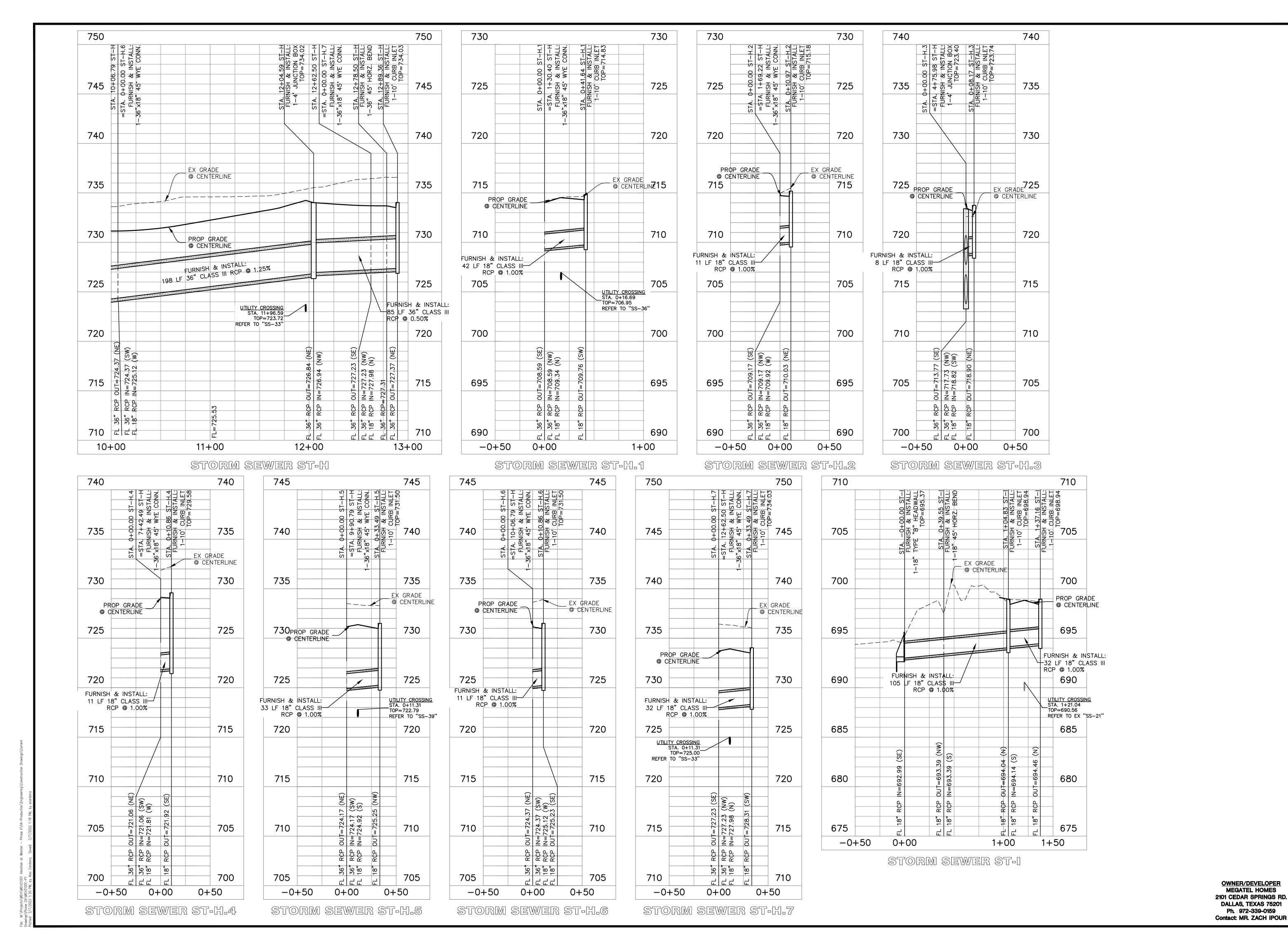
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VENETIAN

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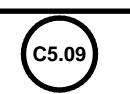
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VENETIAN AT WESTON PHASE

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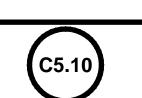
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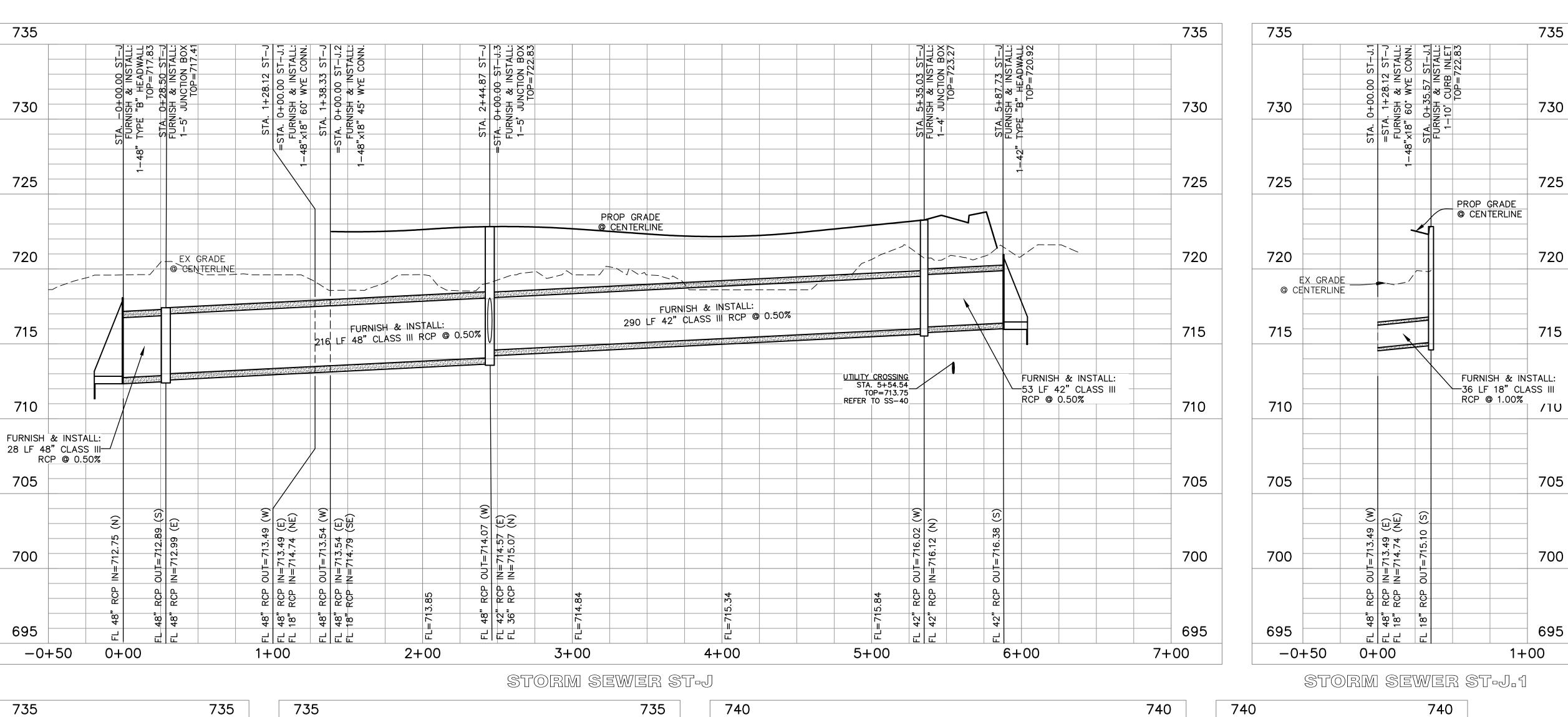
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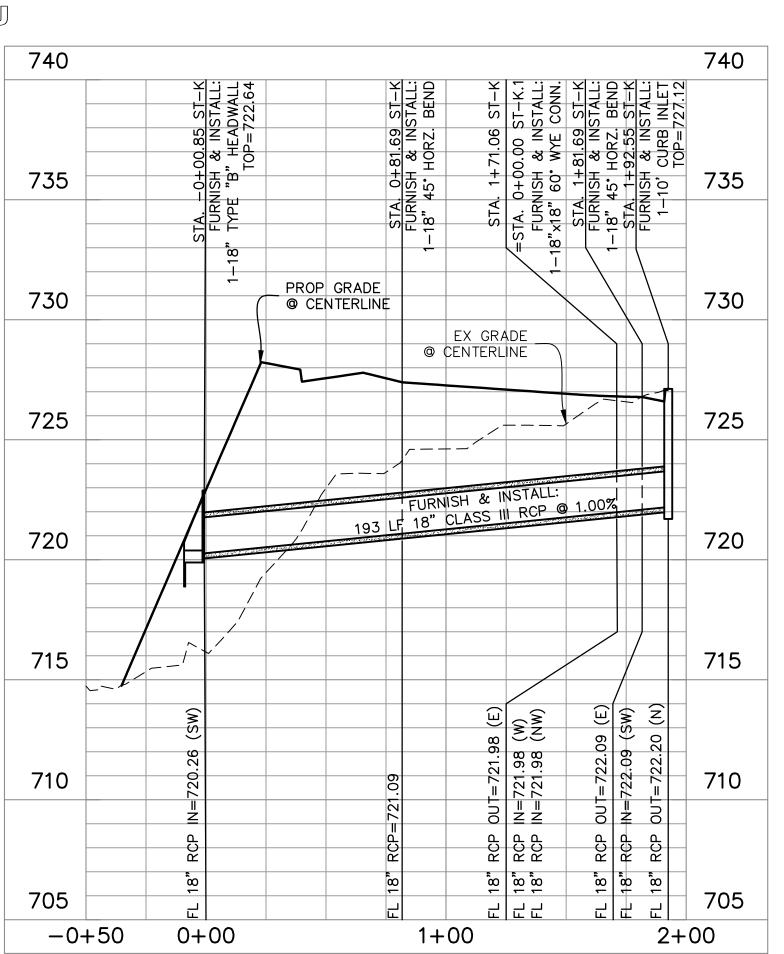
OWNER/DEVELOPER

MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201

Ph. 972-339-0159 Contact: MR. ZACH IPOUR







STA. 0+00.00 ST-K.1
= STA. 1+71.06 ST-K
FURNISH & INSTALL:
8"x18" 60° WYE CONN.
STA. 0+35.78 ST-K.1
FURNISH & INSTALL:
1-10' CURB INLET
TOP=727.12 735 730 730 PROP GRADE © CENTERLINE EX GRADE © CENTERLINE 725 720 FURNISH & INSTALL:_ 36 LF 18" CLASS III— RCP @ 1.00%-715 715 21.98 (E) .98 (W) .98 (NW) 710 710 0+00 0+50 -0+50

STORM SEWER ST-J.2

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STORM SEWER ST-J.3

PROP GRADE

@ CENTERLINE

EX GRADE

FURNISH & INSTALL:-

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11 LF 18" CLASS III—

RCP @ 1.00%

@ CENTERLINE

STORM SEWER ST-K

STORM SEWER ST-K.1

725 PROP GRADE @ CENTERLINE EX GRADE

ST-J.3 INSTALL: EADWALL =719.53

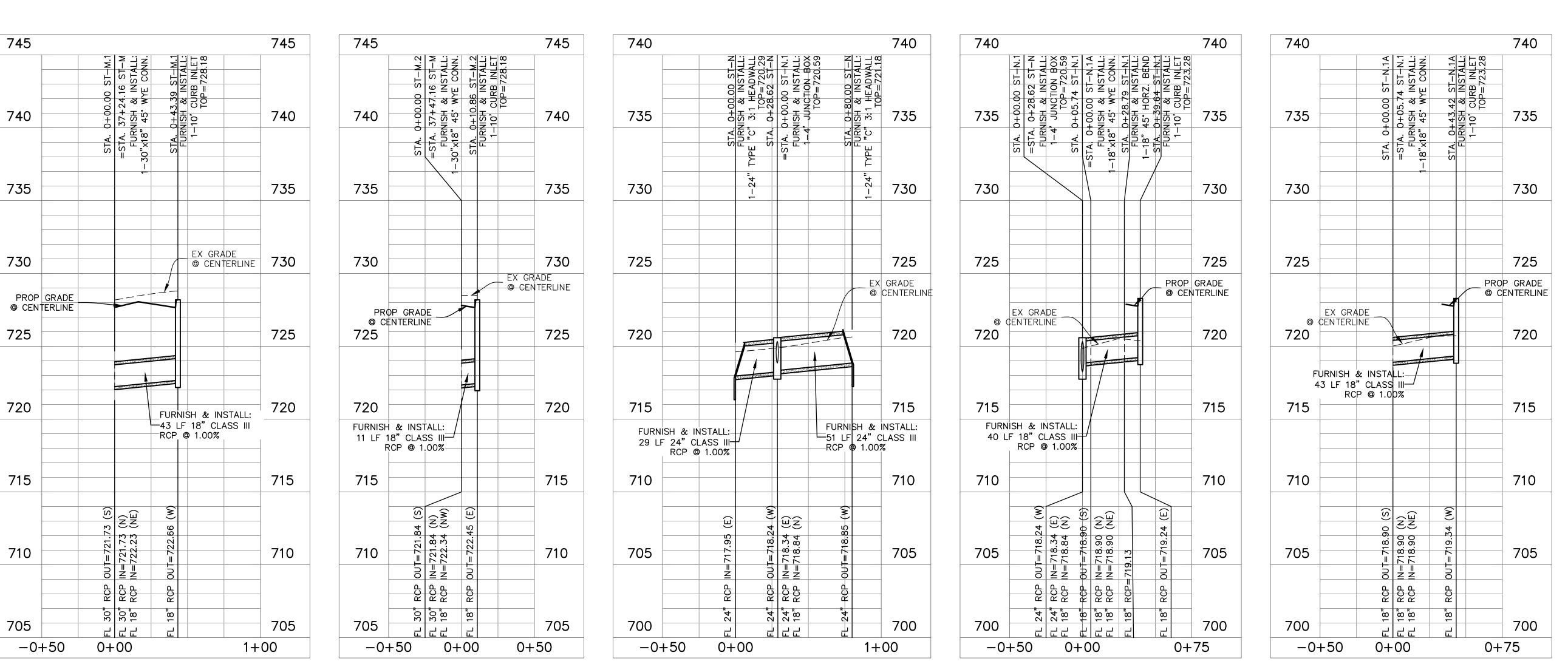
@ CENTERLINE

FURNISH & INSTALL:

─46 LF 36" CLASS III

1+00

RCP @ 1.00%



STORM SEWER ST-N

STORM SEWER ST-M.1

STORM SEWER ST-M.2

MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201 Ph. 972-339-0159 Contact: MR. ZACH IPOUR

STORM SEWER ST-N.1A

STORM SEWER ST-N.1

OWNER/DEVELOPER

MEH21001 C5.11

VENETIAN AT WESTON PHASE

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VENETIAN AT WESTON PHASE 2A VENETIAN AT WESTON PHASE 2A 70.078 Acres

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PRELIMINARY PLANS

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THE JOHN R. MCADAMS

MATTHEW G. ST. MARIE,

COMPANY, INC.

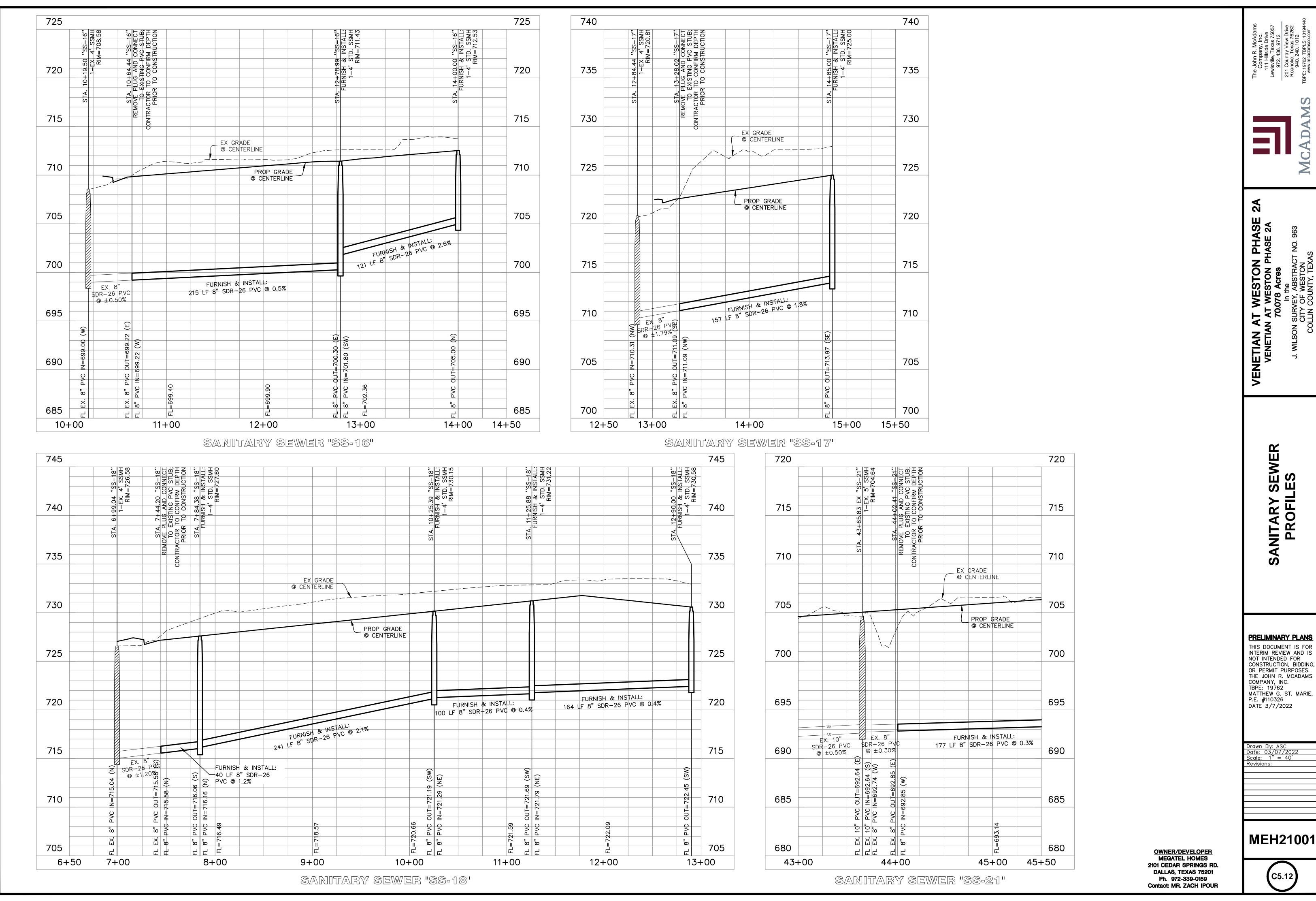
TBPE: 19762

P.E. #110326

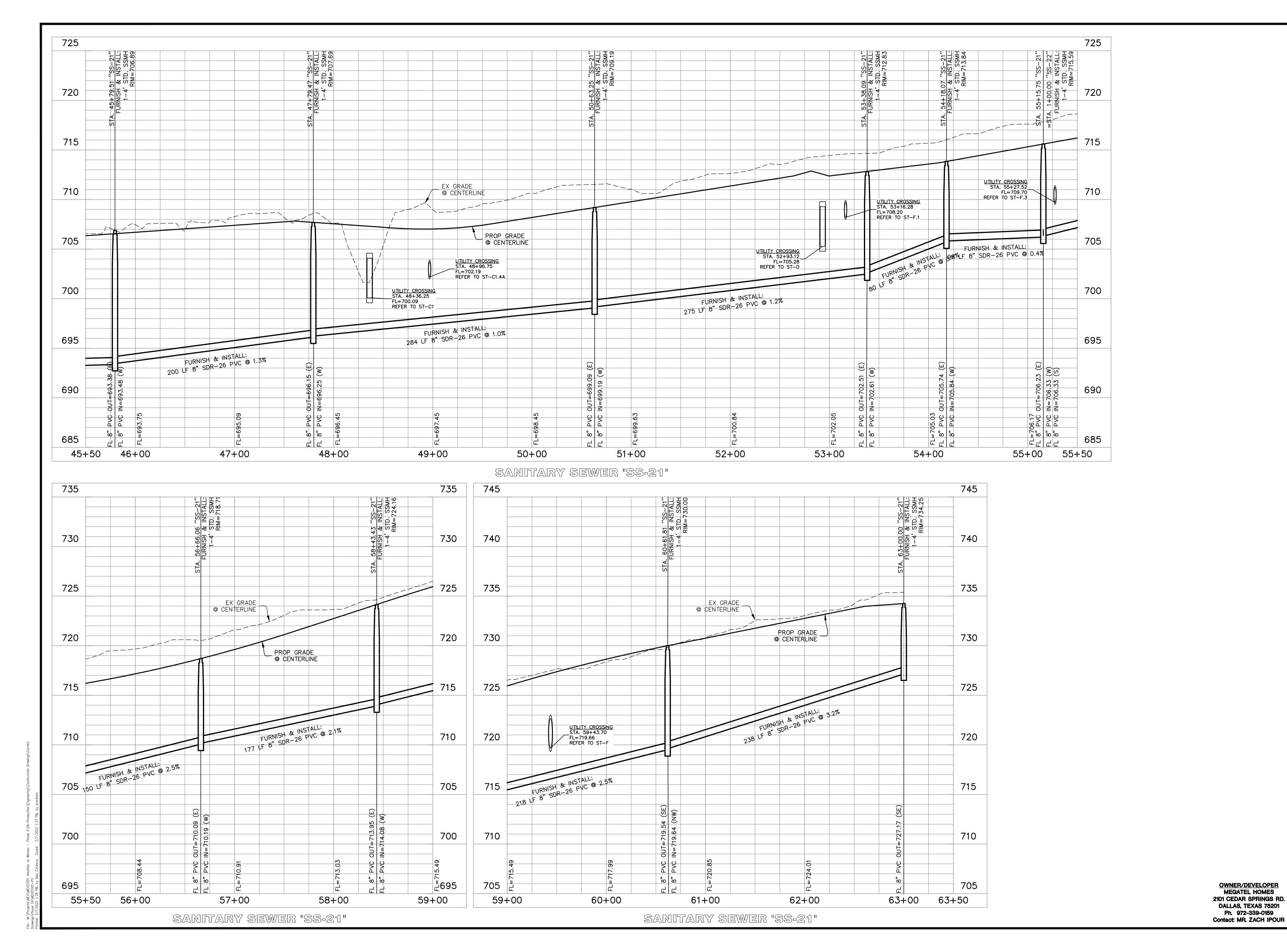
DATE 3/7/2022

Drawn By: AR Date: 03/07/2022 Scale: 1" = 40

Revisions:



VENETIAN



WESTON PHASE

<u>VENETIAN A</u>

2A VENETIAN AT WESTON PHASE 2A
VENETIAN AT WESTON PHASE 2A
70.078 Acres
in the
J. WILSON SURVEY, ABSTRACT NO. 963
CITY OF WESTON
COLLIN COUNTY, TEXAS

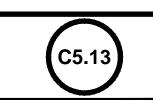
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PRELIMINARY PLANS

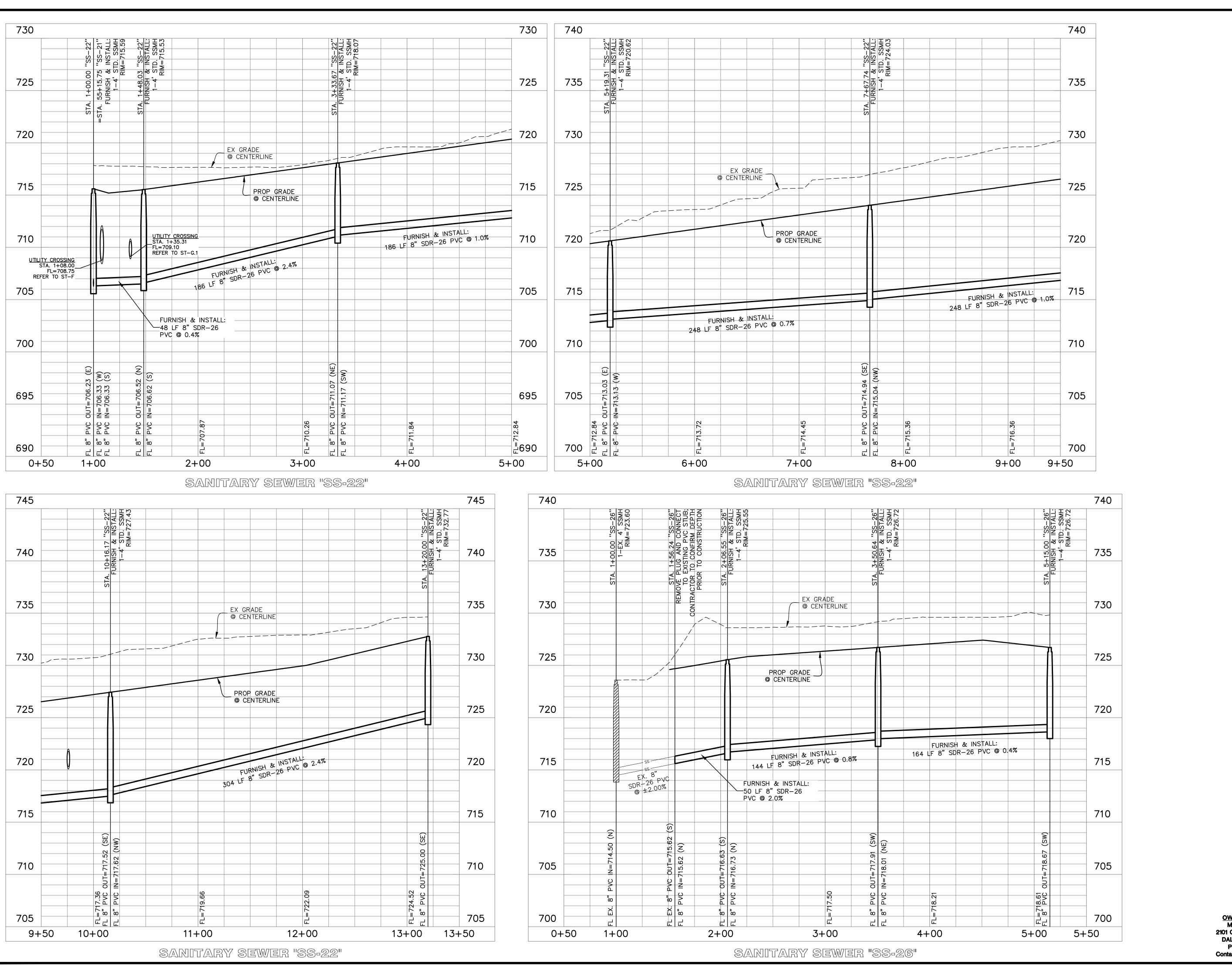
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Drawn By: ASC Date: 03/07/2022 Scale: 1" = 40' Revisions:

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MEGATEL HOMES



WESTON PHASE

VENETIAN A

VENETIAN AT WESTON PHASE 2A
VENETIAN AT WESTON PHASE 2A
70.078 Acres
in the
J. WILSON SURVEY, ABSTRACT NO. 963
CITY OF WESTON
COLLIN COUNTY, TEXAS

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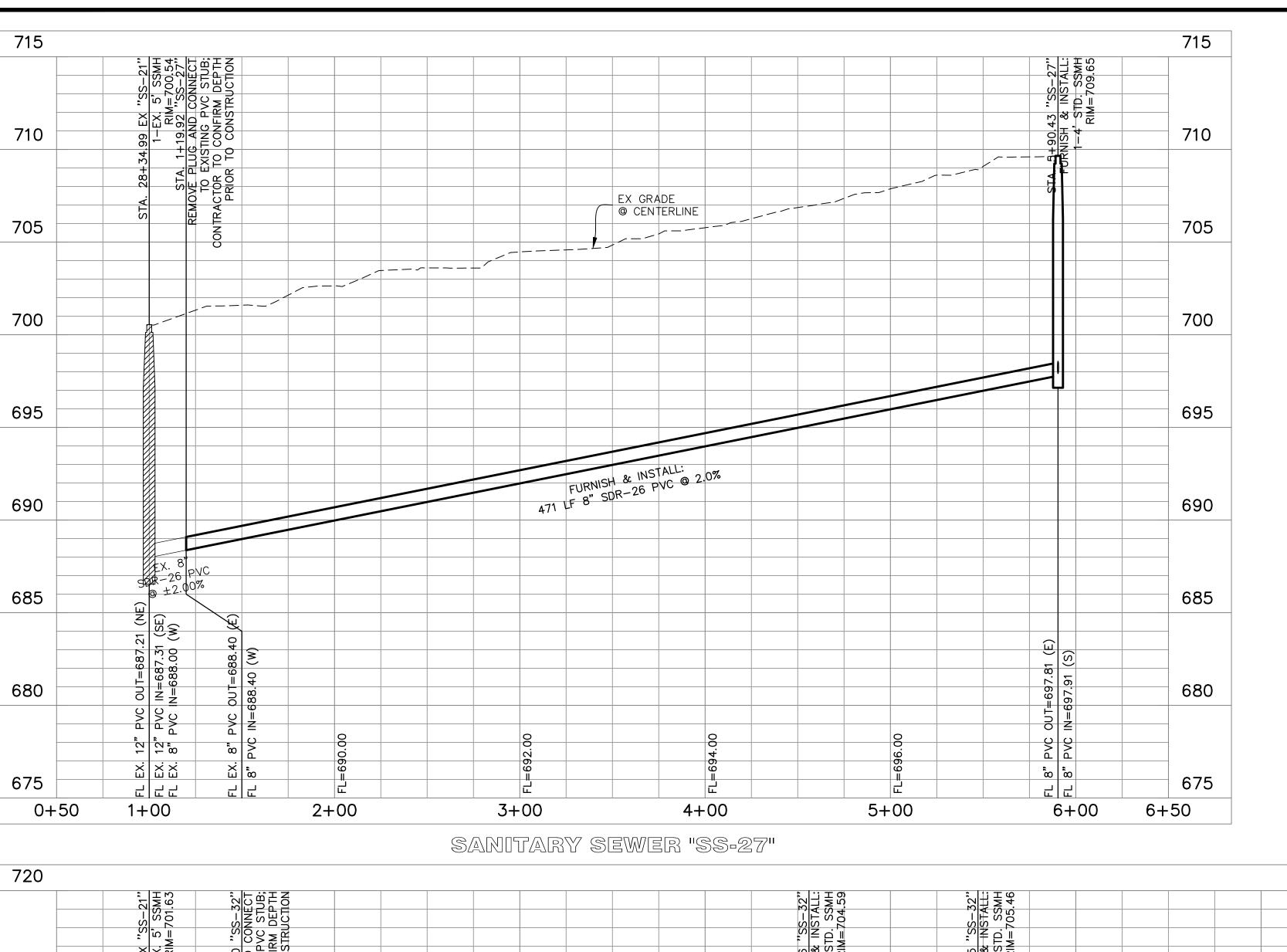
PRELIMINARY PLANS

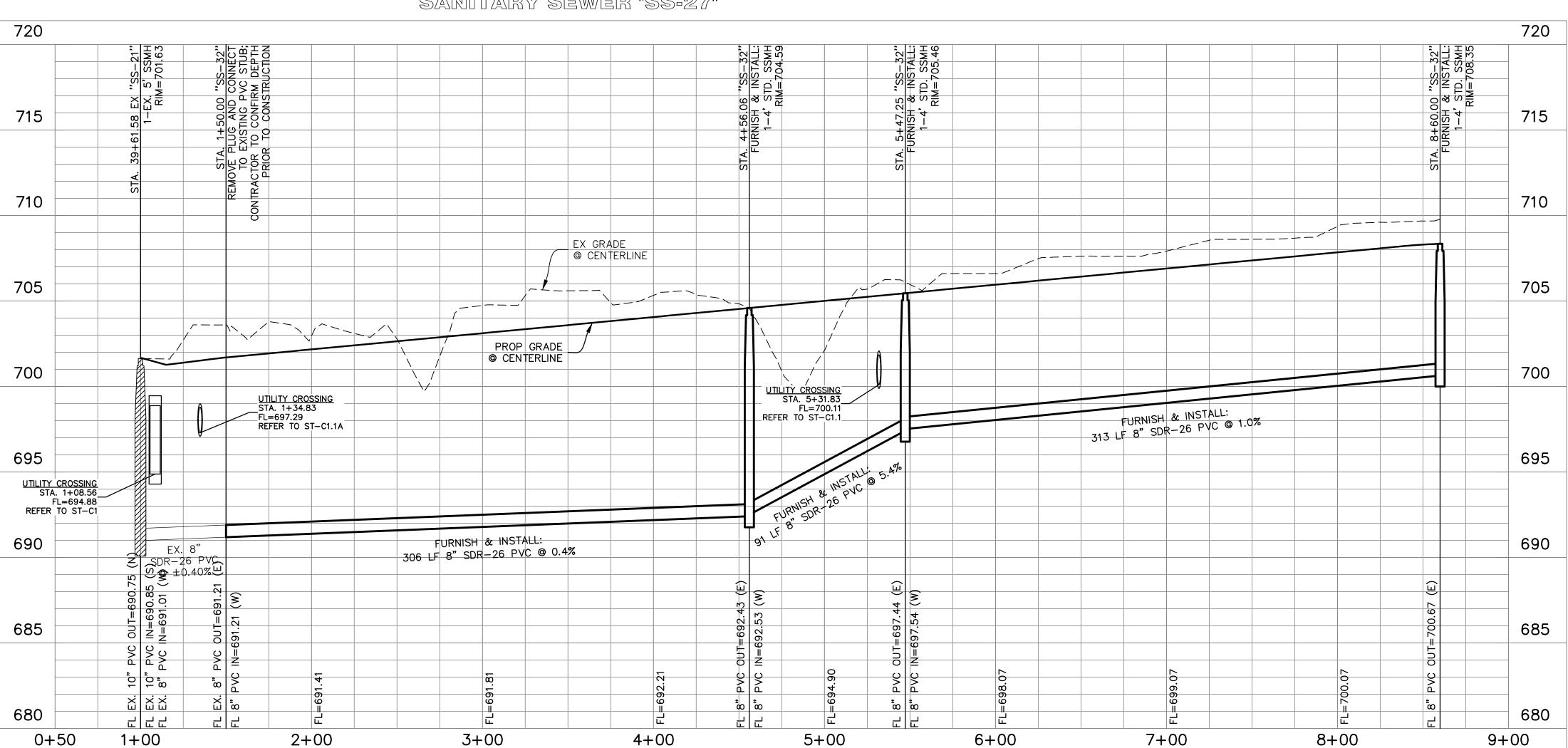
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Drawn By: ASC Date: 03/07/2022 Scale: 1" = 40' Revisions:

MEH21001

C5.14





SANITARY SEWER "SS-32"

Company, Inc.
111 Hillside Drive
Lewisville, Texas 75057
972. 436. 9712
201 Country View Drive
Roanoke, Texas 76262
940. 240. 1012
TBPE: 19762 TBPLS: 10194440

ADAMS TE

VENETIAN AT WESTON PHASE

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VENETIAN AT WESTON PHASE 2A
VENETIAN AT WESTON PHASE 2A
70.078 Acres
in the
J. WILSON SURVEY, ABSTRACT NO. 963

SANITARY SEWER PROFILES

PRELIMINARY PLANS

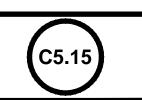
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MATTHEW G. ST. MARIE, P.E. #110326
DATE 3/7/2022

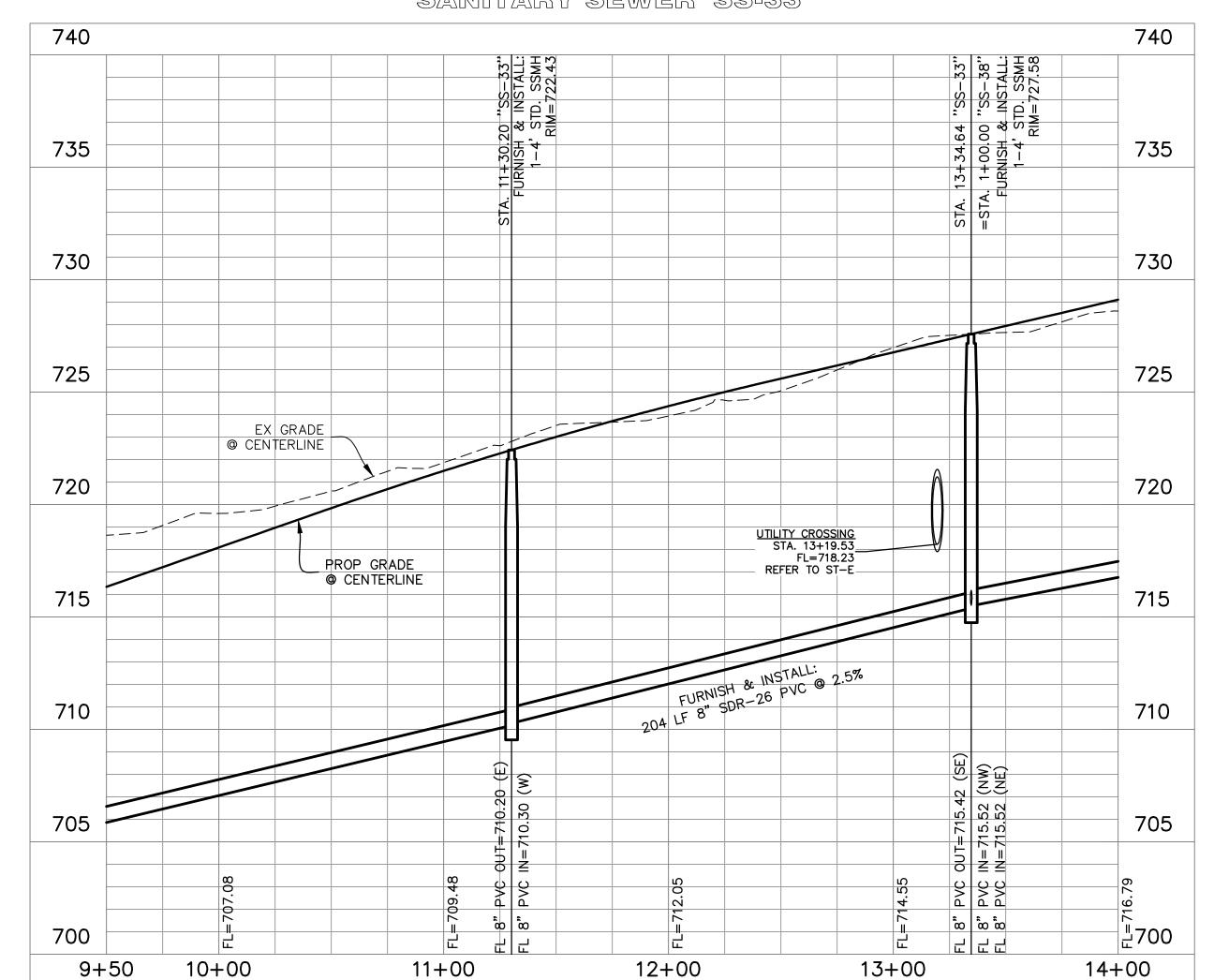
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Date: 03/07/2022
Scale: 1" = 40'
Revisions:

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OWNER/DEVELOPER MEGATEL HOMES

2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159
Contact: MR. ZACH IPOUR

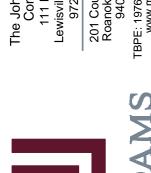




SANITARY SEWER "SS-33"

OWNER/DEVELOPER
MEGATEL HOMES
2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159
Contact: MR. ZACH IPOUR

The John R. McAdams Company, Inc. 111 Hillside Drive Lewisville, Texas 75057 972. 436. 9712 201 Country View Drive Roanoke, Texas 76262 940. 240. 1012 TBPE: 19762 TBPLS: 10194440 www.mcadamsco.com



VENETIAN AT WESTON PHASE

MCADAM

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VENETIAN AT WESTON PHASE 2A
VENETIAN AT WESTON PHASE 2A
70.078 Acres
in the
J. WILSON SURVEY, ABSTRACT NO. 963
CITY OF WESTON
COLLIN COUNTY, TEXAS

SANITARY SEWER
PROFILES

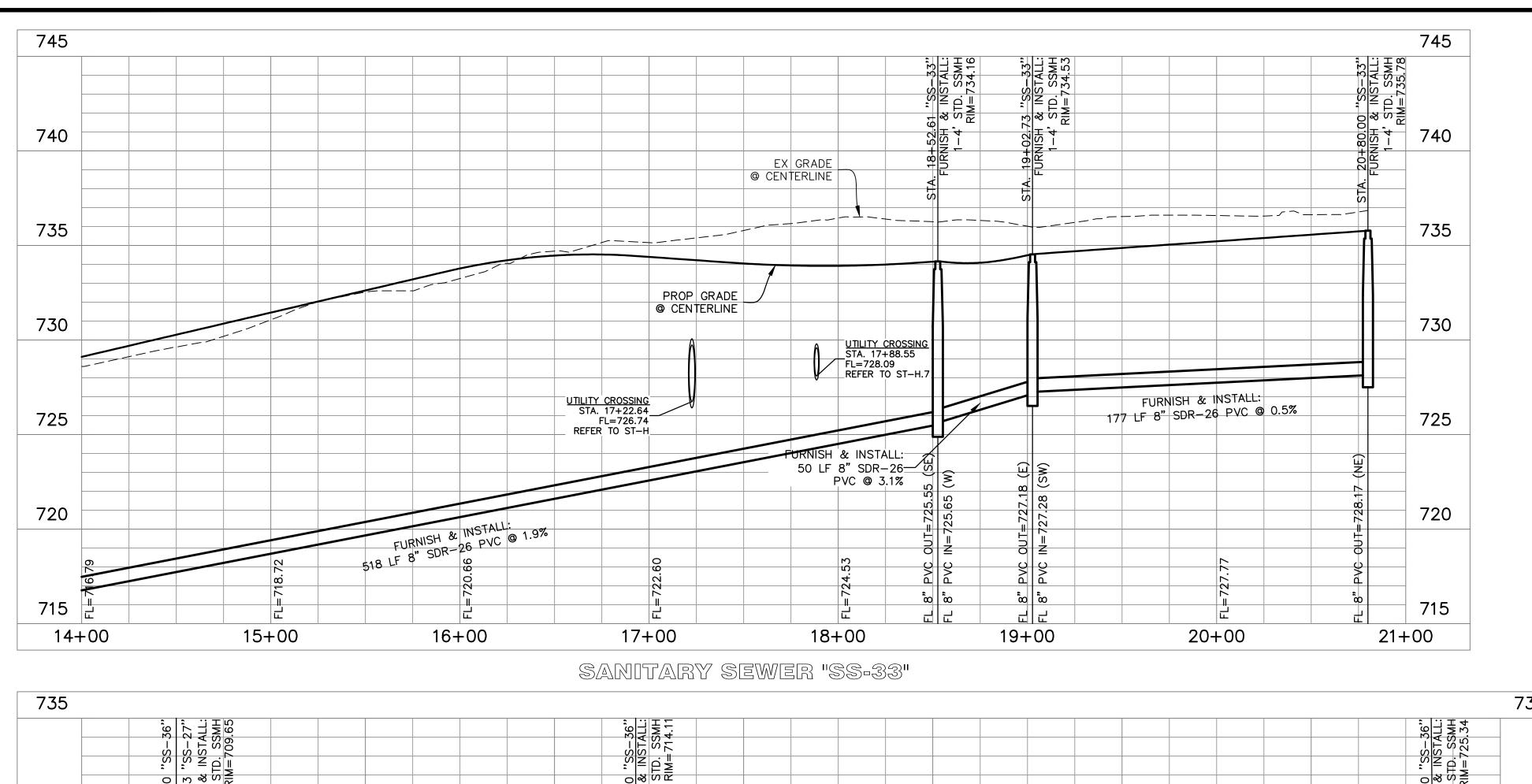
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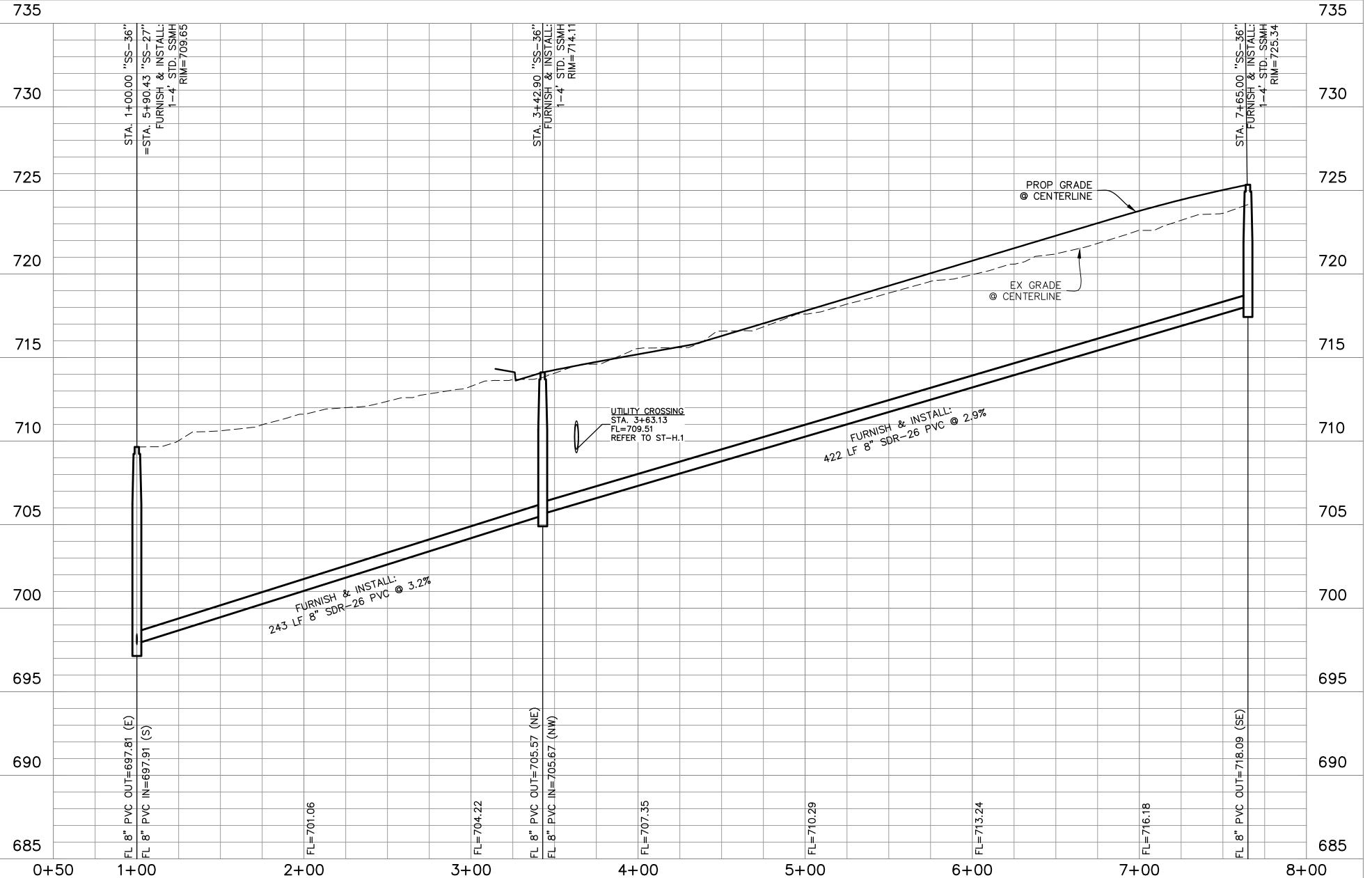
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DATE 3/7/2022

Drawn By: ASC
Date: 03/07/2022
Scale: 1" = 40'
Revisions:

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SANITARY SEWER "SS-36"

VENETIAN AT WESTON PHASE



2A

VENETIAN AT WESTON PHASE 2A
VENETIAN AT WESTON PHASE 2A
70.078 Acres
in the

SANITARY SEW PROFILES

PRELIMINARY PLANS

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Drawn By: ASC

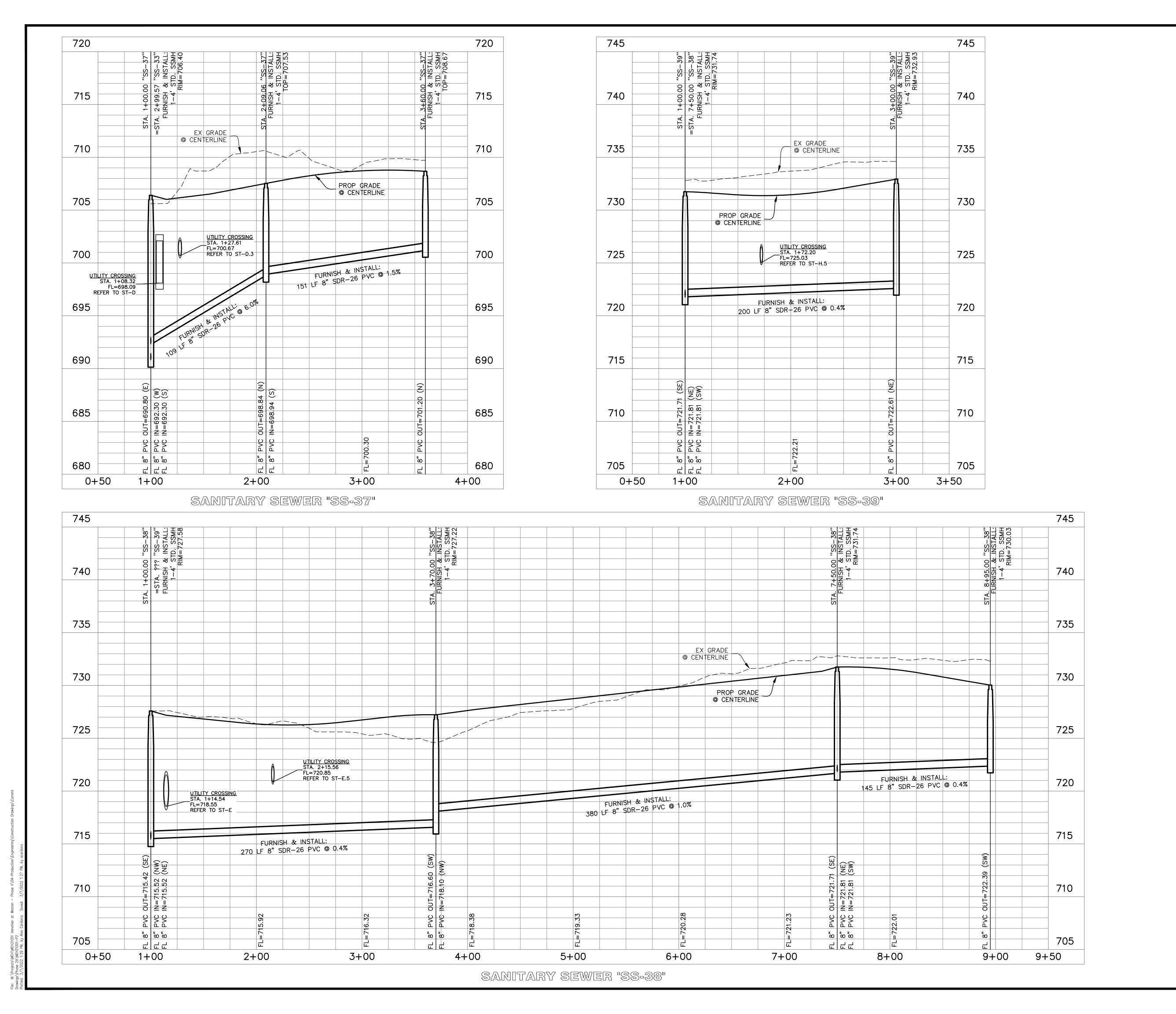
Date: 03/07/2022

Scale: 1" = 40'

Revisions:

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WESTON PHASE

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VENETIAN AT WESTON PHASE
VENETIAN AT WESTON PHASE 2A
70.078 Acres
in the

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Drawn By: ASC

Date: 03/07/2022

Scale: 1" = 40'

Revisions:

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OWNER/DEVELOPER MEGATEL HOMES

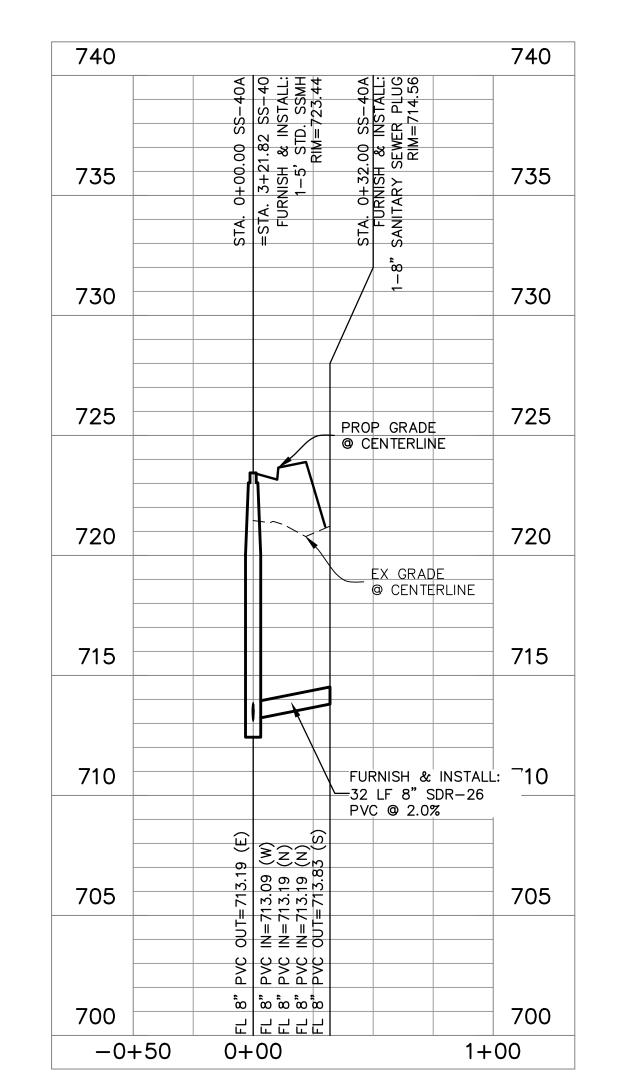
2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201

Ph. 972-339-0159

Contact: MR. ZACH IPOUR







SANITARY SEWER SS-40A

OWNER/DEVELOPER MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201
Ph. 972-339-0159
Contact: MR. ZACH IPOUR



2A VENETIAN AT WESTON PHASE 2A
VENETIAN AT WESTON PHASE 2A
70.078 Acres
in the
J. WILSON SURVEY, ABSTRACT NO. 963
CITY OF WESTON
COLLIN COUNTY, TEXAS

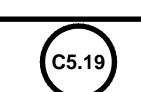
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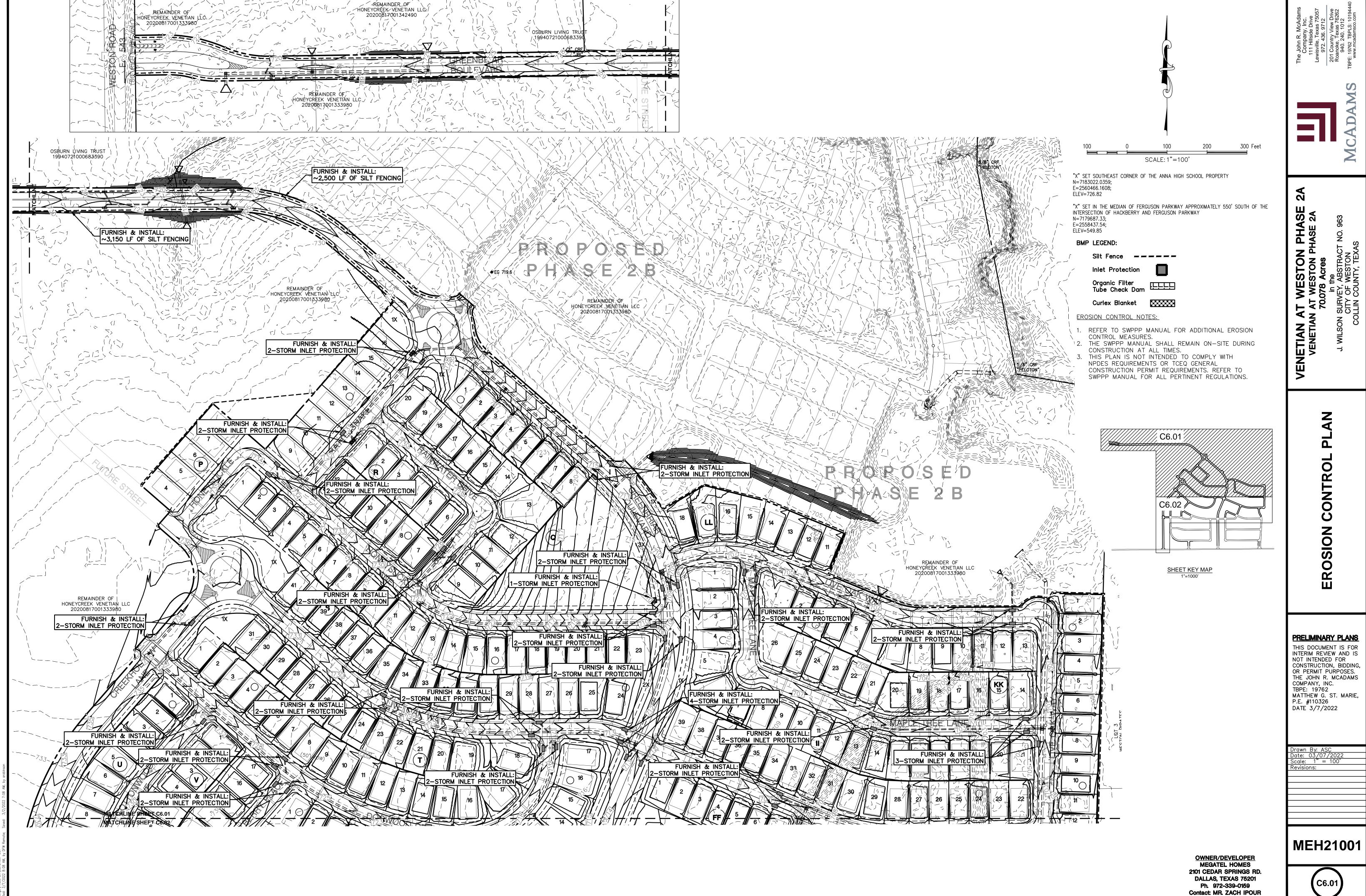
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111 Hillside Drive
Lewisville, Texas 75057
972. 436. 9712
201 Country View Drive
Roanoke, Texas 76262
940. 240. 1012
TBPE: 19762 TBPLS: 1019444
www.mcadamsco.com

<u>VENETIAN A</u>

WESTON PHASE 2A
78 Acres
in the

VENETIAN AT WESTON PH.
70.078 Acres
in the
J. WILSON SURVEY, ABSTRACT
CITY OF WESTON

ROSION CONTROL PLAN

PRELIMINARY PLANS

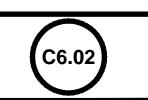
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DATE 3/7/2022

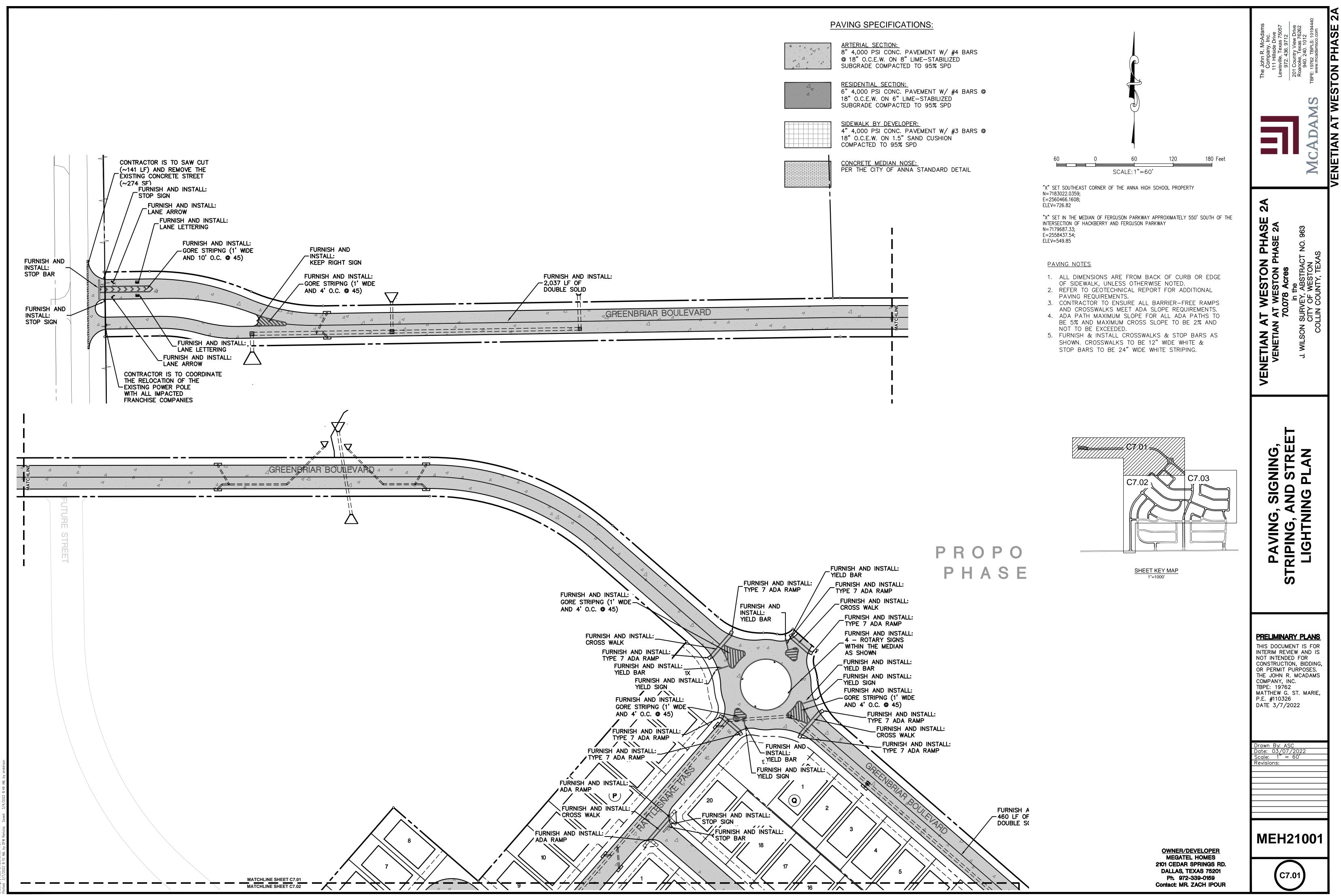
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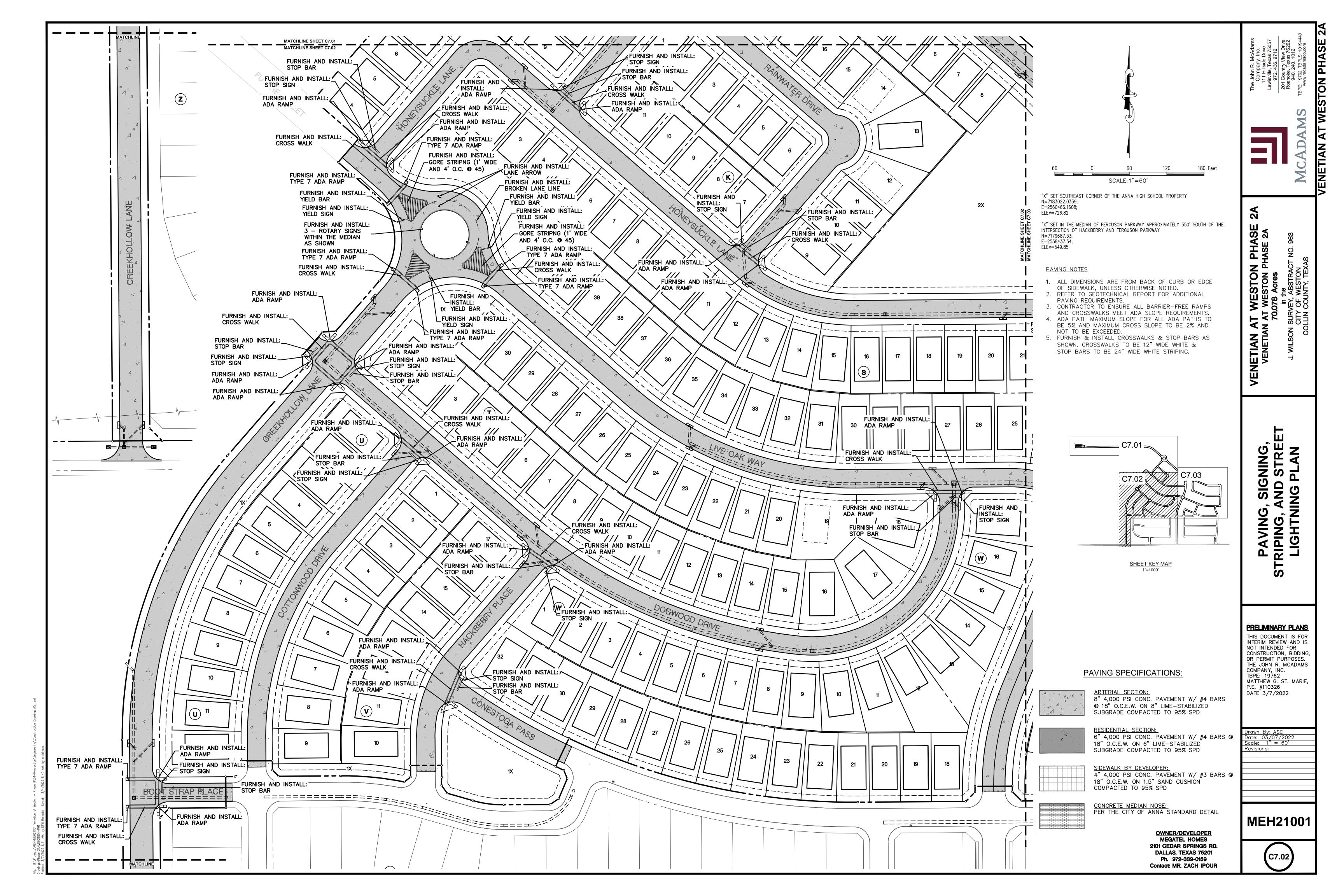
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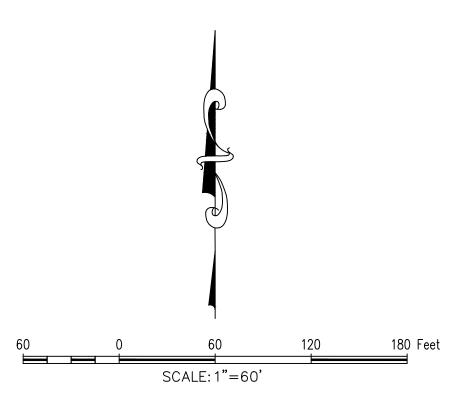
OWNER/DEVELOPER
MEGATEL HOMES
2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201

Ph. 972-339-0159 Contact: MR. ZACH IPOUR









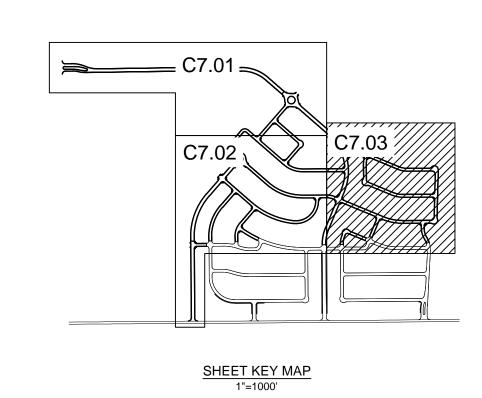
"X" SET IN THE MEDIAN OF FERGUSON PARKWAY APPROXIMATELY 550' SOUTH OF THE INTERSECTION OF HACKBERRY AND FERGUSON PARKWAY N=7179687.33; E=2558437.54; ELEV=549.85

PAVING NOTES

- 1. ALL DIMENSIONS ARE FROM BACK OF CURB OR EDGE OF SIDEWALK, UNLESS OTHERWISE NOTED.
- 2. REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL
- PAVING REQUIREMENTS.

 3. CONTRACTOR TO ENSURE ALL BARRIER—FREE RAMPS
- AND CROSSWALKS MEET ADA SLOPE REQUIREMENTS.

 4. ADA PATH MAXIMUM SLOPE FOR ALL ADA PATHS TO BE 5% AND MAXIMUM CROSS SLOPE TO BE 2% AND NOT TO BE EXCEEDED.
- 5. FURNISH & INSTALL CROSSWALKS & STOP BARS AS SHOWN. CROSSWALKS TO BE 12" WIDE WHITE & STOP BARS TO BE 24" WIDE WHITE STRIPING.



PAVING, SIGNING STRIPING, AND STRE LIGHTNING PLAN VENETIAN

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PHASE 2A

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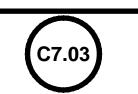
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VENETIAN AT WE
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PRELIMINARY PLANS

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MATTHEW G. ST. MARIE, P.E. #110326
DATE 3/7/2022

Drawn By: ASC Date: 03/07/2022 Scale: 1" = 60' Revisions:

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OWNER/DEVELOPER

MEGATEL HOMES
2101 CEDAR SPRINGS RD.

DALLAS, TEXAS 75201
Ph. 972-339-0159

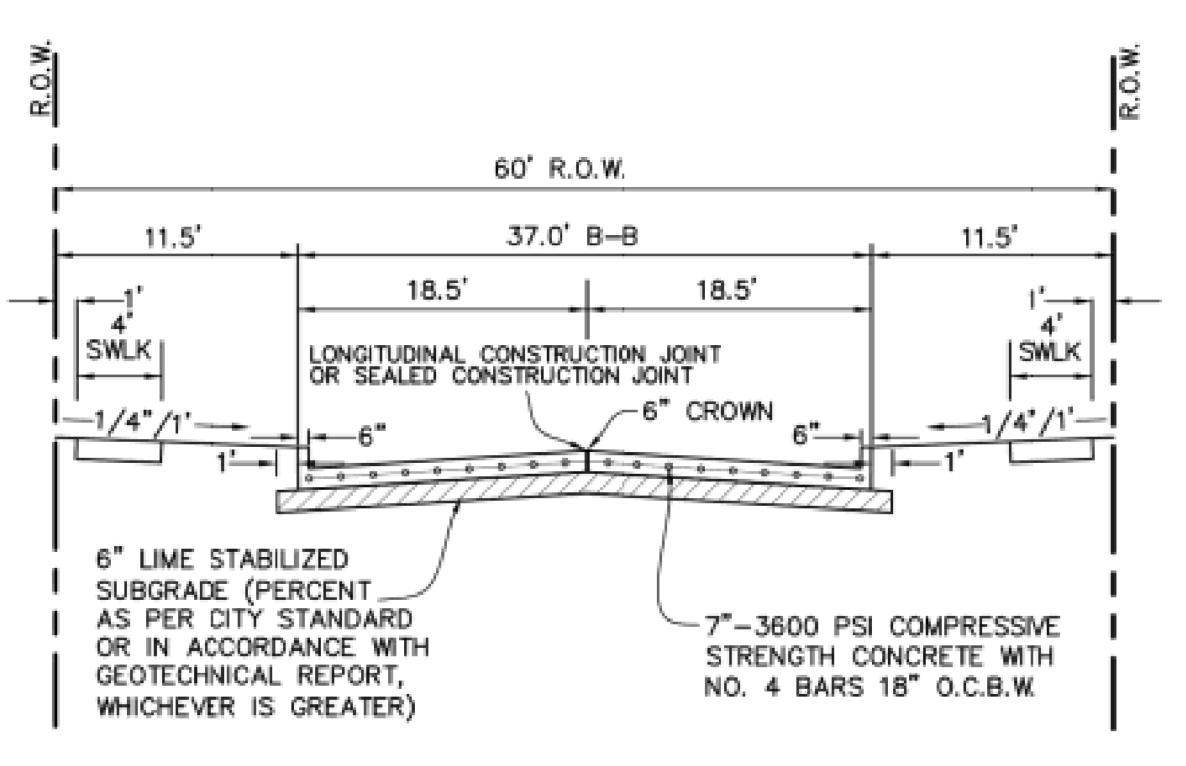
Contact: MR. ZACH IPOUR

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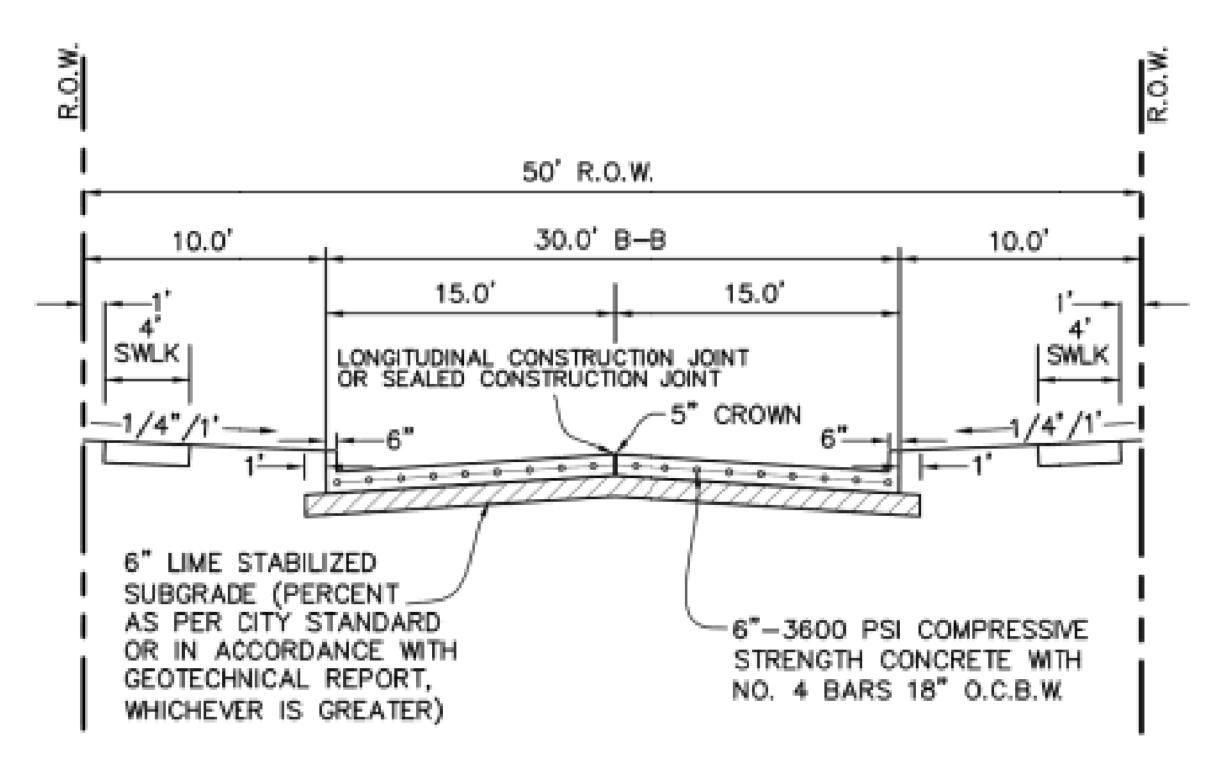
OWNER/DEVELOPER MEGATEL HOMES

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DALLAS, TEXAS 75201
Ph. 972-339-0159
Contact: MR. ZACH IPOUR

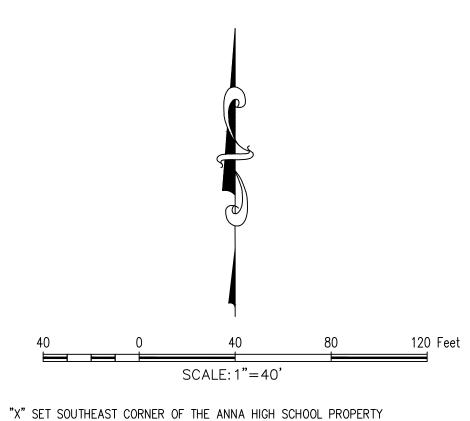




37' B-B
TYPICAL PAVEMENT
SECTION
N.T.S.



30' B-B
TYPICAL PAVEMENT
SECTION
N.T.S.



N=7183022.0359; E=2560466.1608; ELEV=726.82

"X" SET IN THE MEDIAN OF FERGUSON PARKWAY APPROXIMATELY 550' SOUTH OF THE INTERSECTION OF HACKBERRY AND FERGUSON PARKWAY N=7179687.33; E=2558437.54; ELEV=549.85

PAVING NOTES

1. REFER TO THE PAVING PLAN (SHEETS C7.01-C7.03) FOR QUANTITY CALLOUTS.

SHEET KEY MAP 1"=1000'

OWNER/DEVELOPER MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201

Ph. 972-339-0159 Contact: MR. ZACH IPOUR

- 2. REFER TO THE PAVING PLAN (SHEETS C7.01-C7.03) FOR PAVING SPECIFICATIONS AND LEGEND.
- 3. REFER TO THE PAVING PLAN (SHEETS C7.01-C7.03) FOR ADDITIONAL NOTES & REQUIREMENTS.

VENETIAN AT VENETIAN AT

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WESTON PHASE

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Drawn By: AR

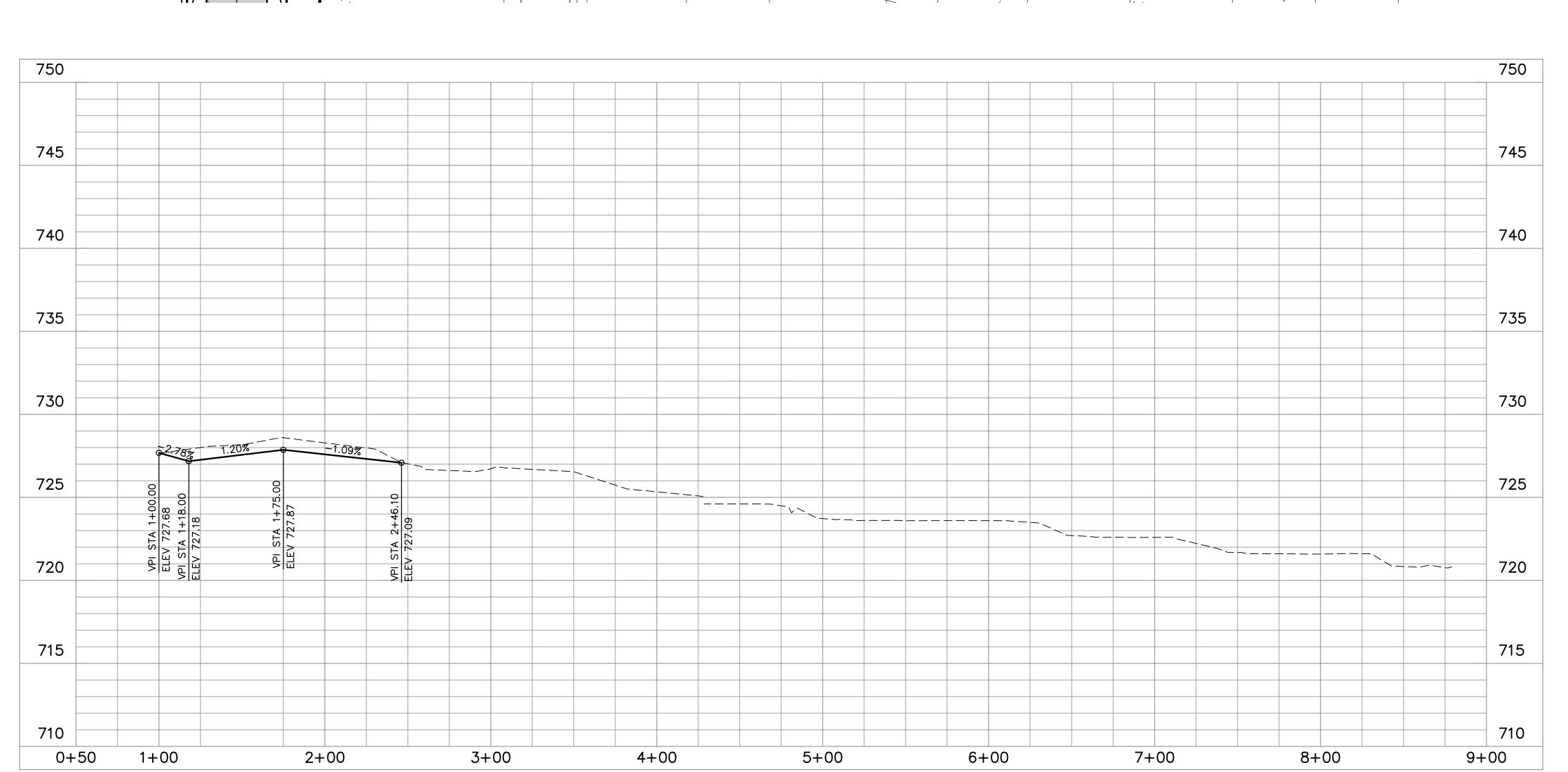
Date: 03/07/2022

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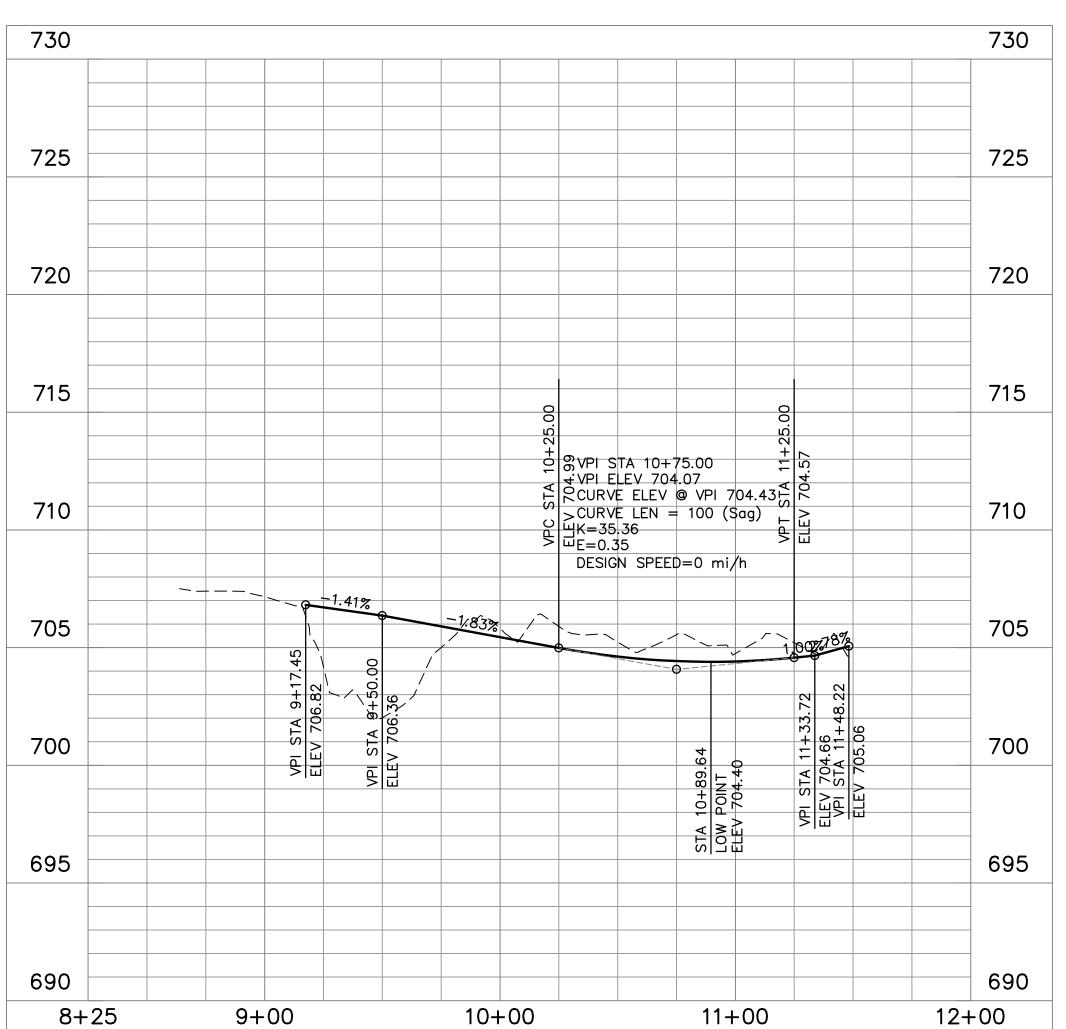
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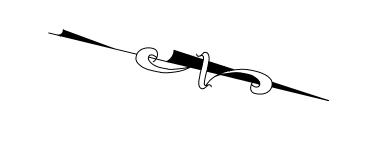


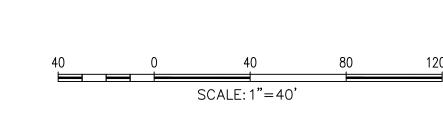


BOOT STRAP PLACE



CLOUD COVER VIEW





"X" SET SOUTHEAST CORNER OF THE ANNA HIGH SCHOOL PROPERTY N=7183022.0359; E=2560466.1608; ELEV=726.82

"X" SET IN THE MEDIAN OF FERGUSON PARKWAY APPROXIMATELY 550' SOUTH OF THE INTERSECTION OF HACKBERRY AND FERGUSON PARKWAY N=7179687.33; E=2558437.54; ELEV=549.85

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SHEET KEY MAP 1"=1000'

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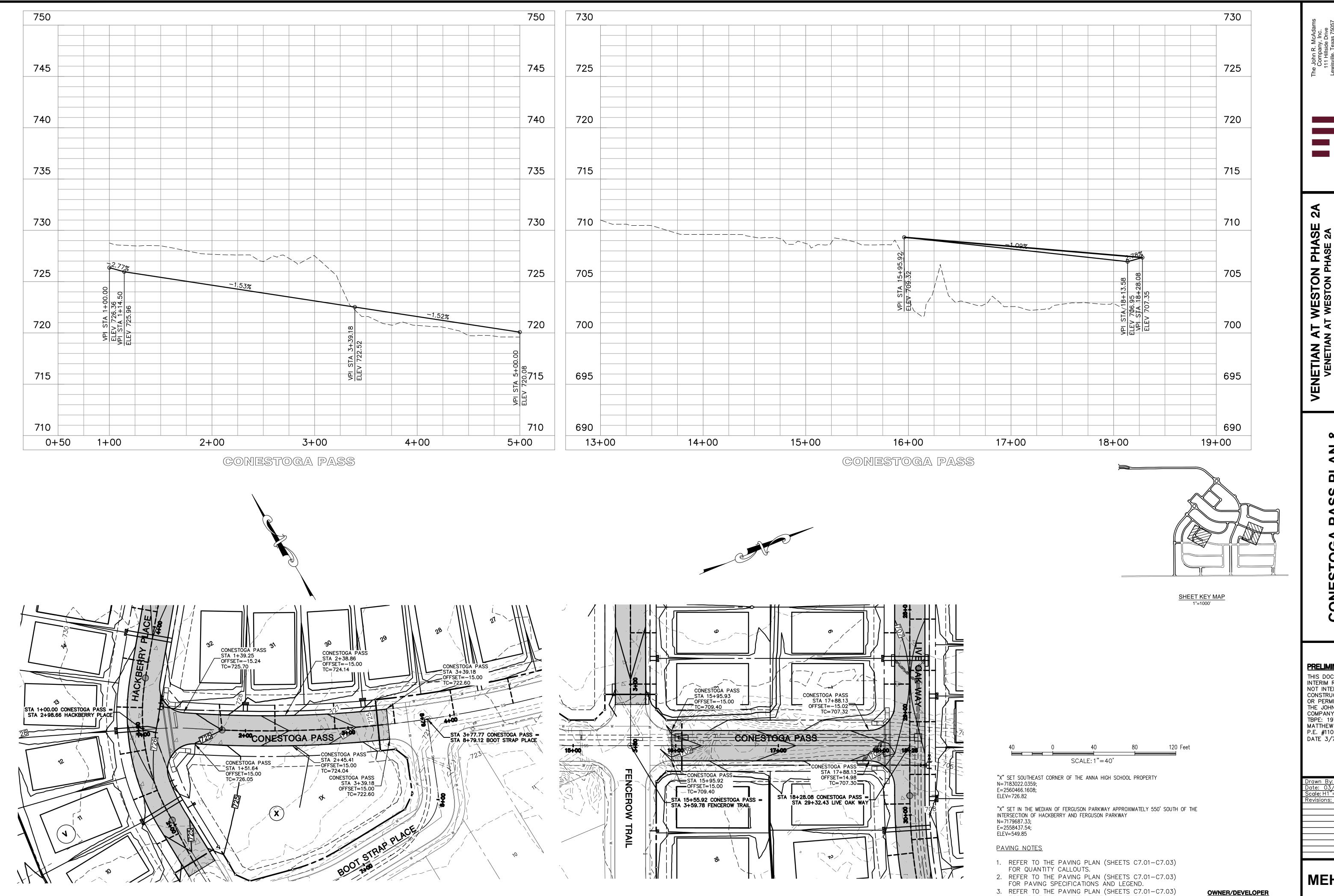
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Drawn By: AR
Date: 03/07/2022
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VENETIAN AT WESTON PHASE

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Orawn By: AR Date: 03/07/2022 Scale: H1"=40'; V 1"=4'

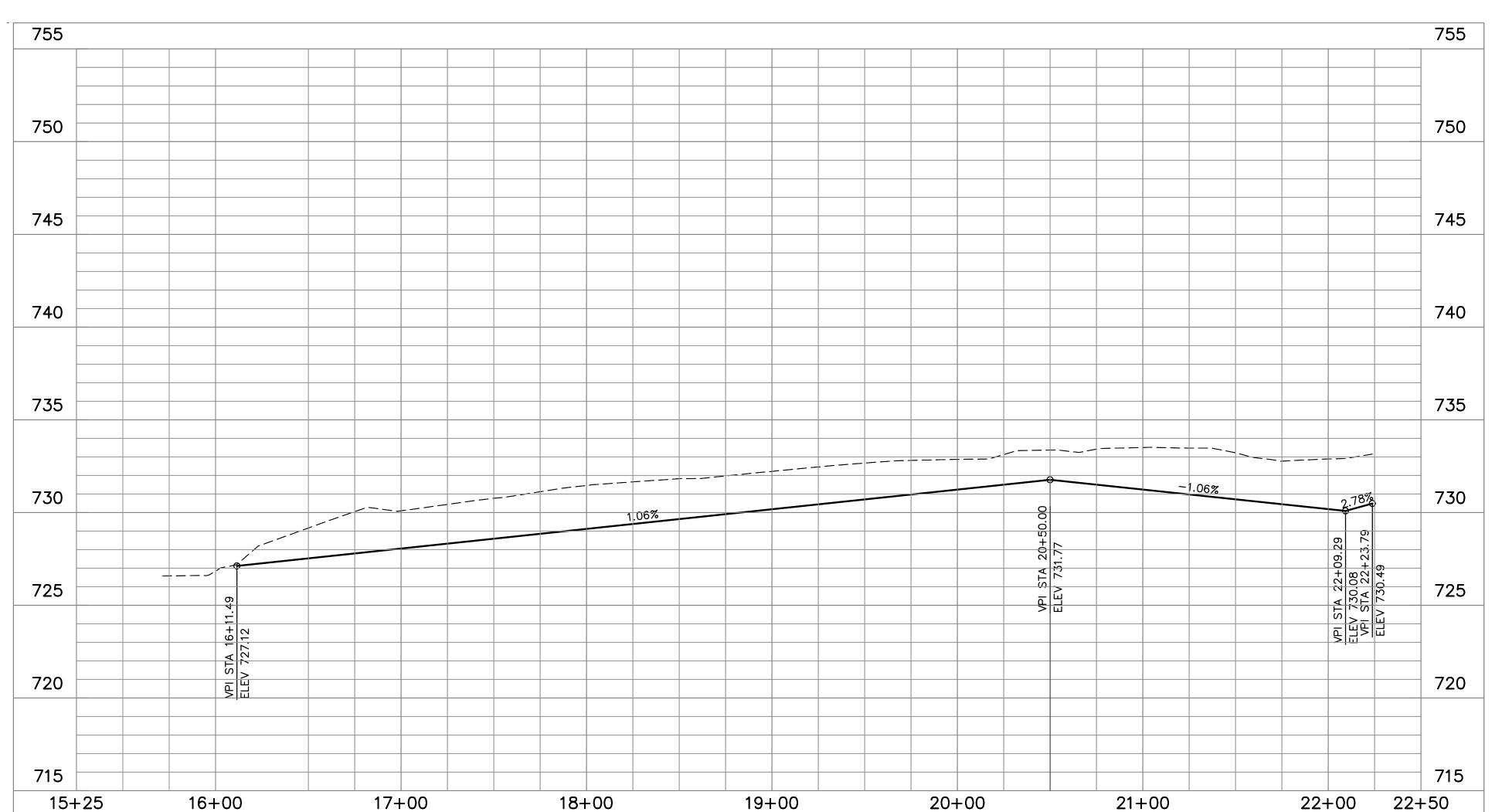
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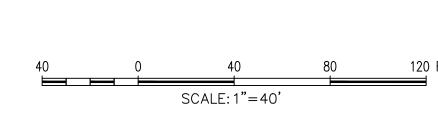
MEH21001

MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201 Ph. 972-339-0159 Contact: MR. ZACH IPOUR

FOR ADDITIONAL NOTES & REQUIREMENTS.







"X" SET IN THE MEDIAN OF FERGUSON PARKWAY APPROXIMATELY 550' SOUTH OF THE INTERSECTION OF HACKBERRY AND FERGUSON PARKWAY N=7179687.33; E=2558437.54; ELEV=549.85

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SHEET KEY MAP 1"=1000'

Contact: MR. ZACH IPOUR

VENETIAN AT WESTON PHASE VENETIAN AT WESTON PHASE

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OTTONWOOD DRIVE PLAN & PROFILE

PRELIMINARY PLANS

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MATTHEW G. ST. MARIE, P.E. #110326
DATE 3/7/2022

Drawn By: AR

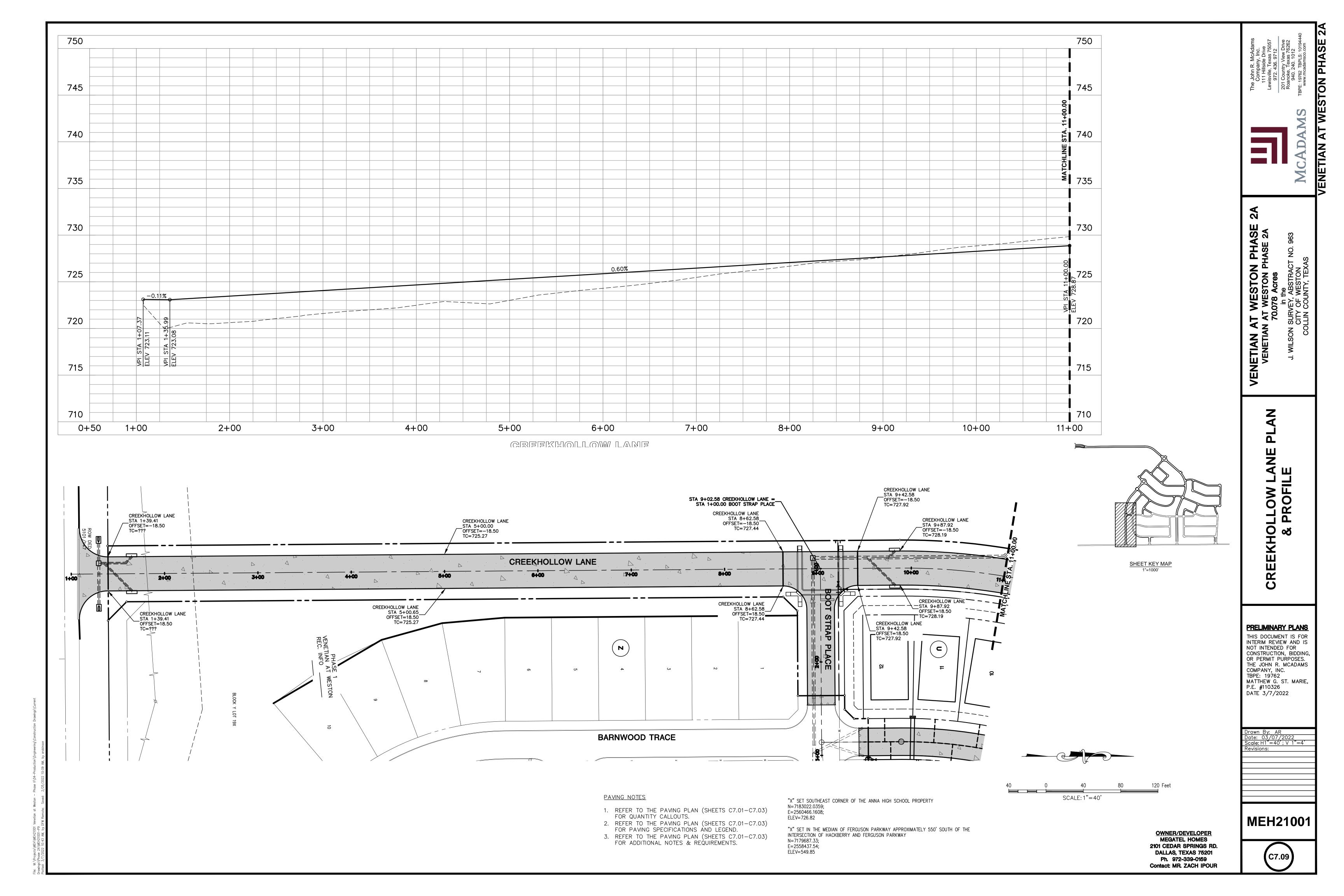
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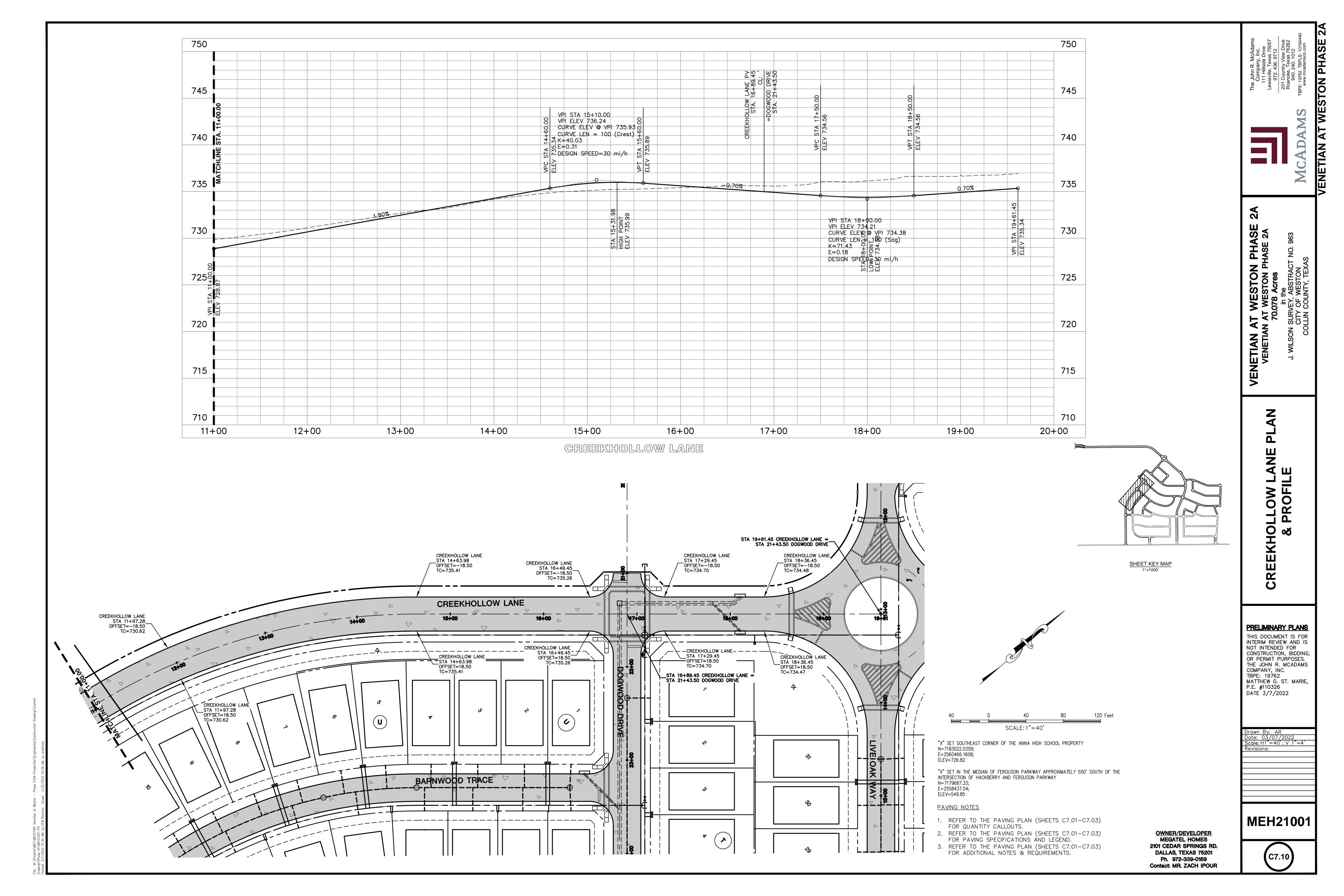
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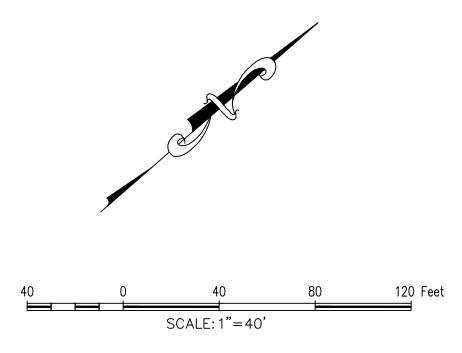
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OWNER/DEVELOPER
MEGATEL HOMES
2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159



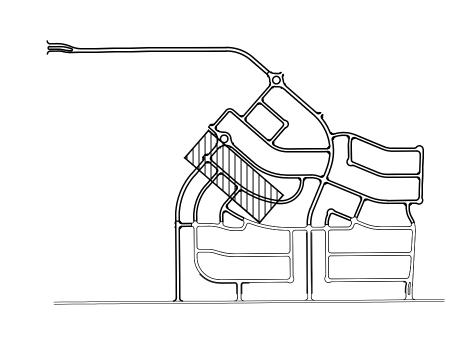




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SHEET KEY MAP 1"=1000'

OWNER/DEVELOPER MEGATEL HOMES

2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159

Contact: MR. ZACH IPOUR

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OD DRIVE PROFILE **VENETIAN**

2A

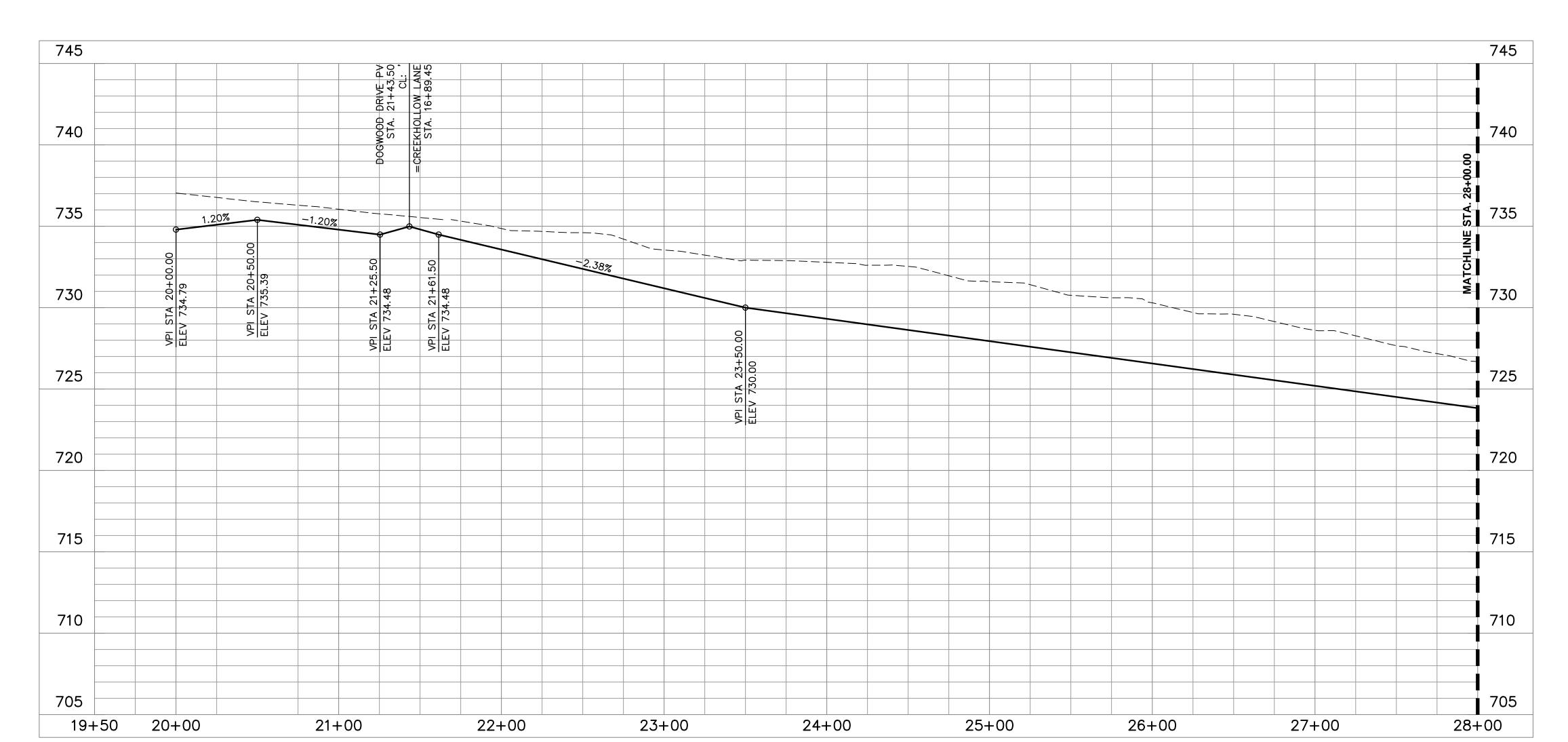
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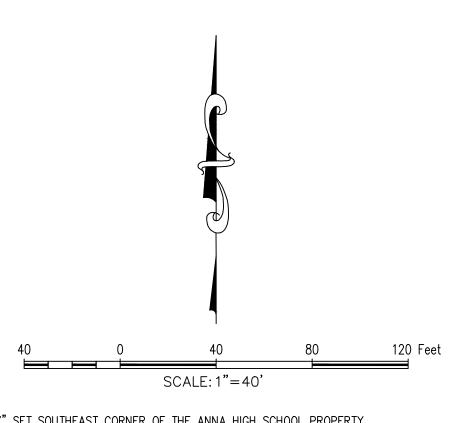
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DOGWOOD DRIVE

DOGWOOD DRIVE

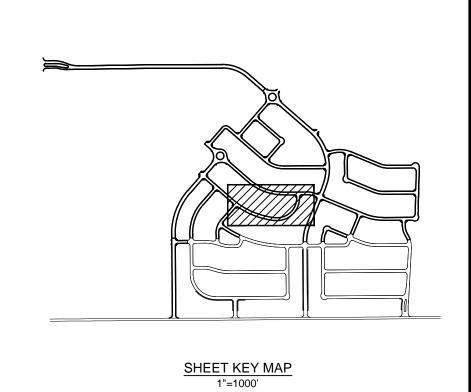


"X" SET SOUTHEAST CORNER OF THE ANNA HIGH SCHOOL PROPERTY N=7183022.0359; E=2560466.1608; ELEV=726.82

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OD DRIVE PROFILE **VENETIAN**

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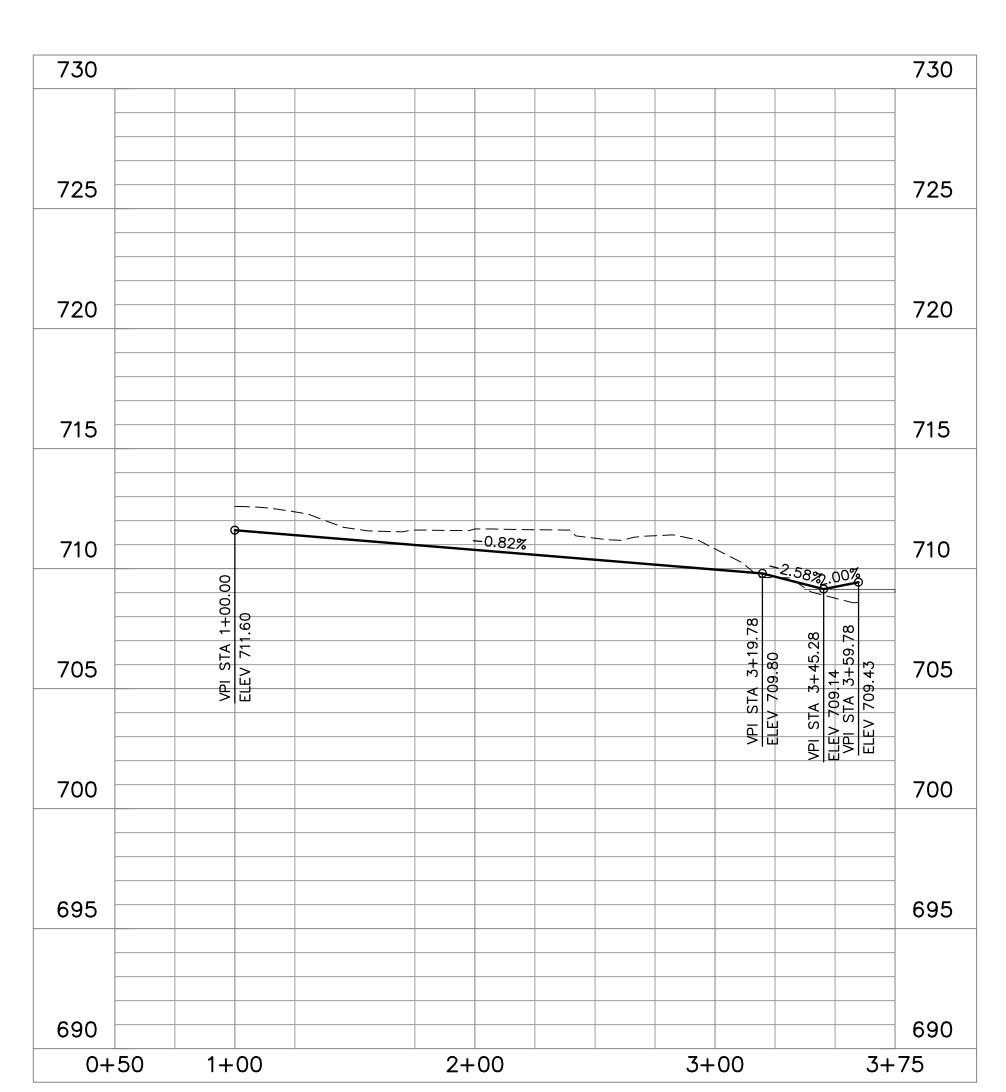
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MATTHEW G. ST. MARIE, P.E. #110326
DATE 3/7/2022

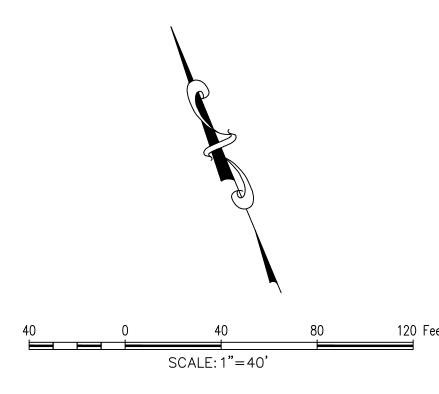
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Date: 03/07/2022
Scale: H1"=40'; V 1"=4'
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FENCEROW TRAIL

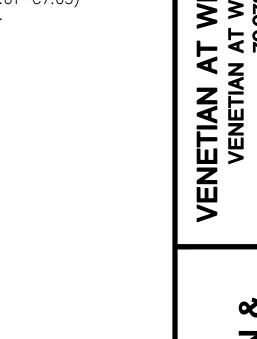


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SHEET KEY MAP 1"=1000'



2A

FENCEROW TRAIL PLAN

VENETIAN

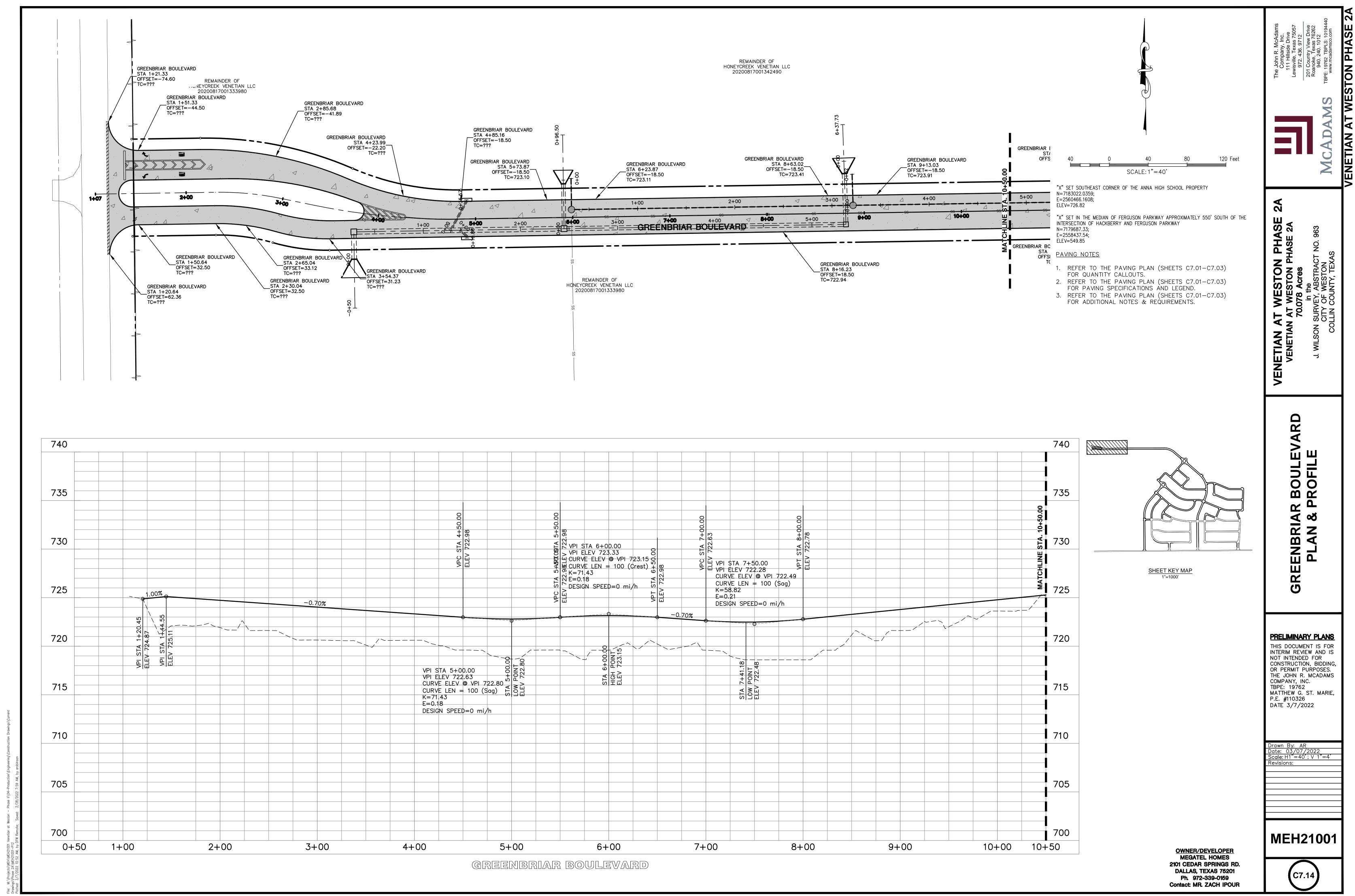
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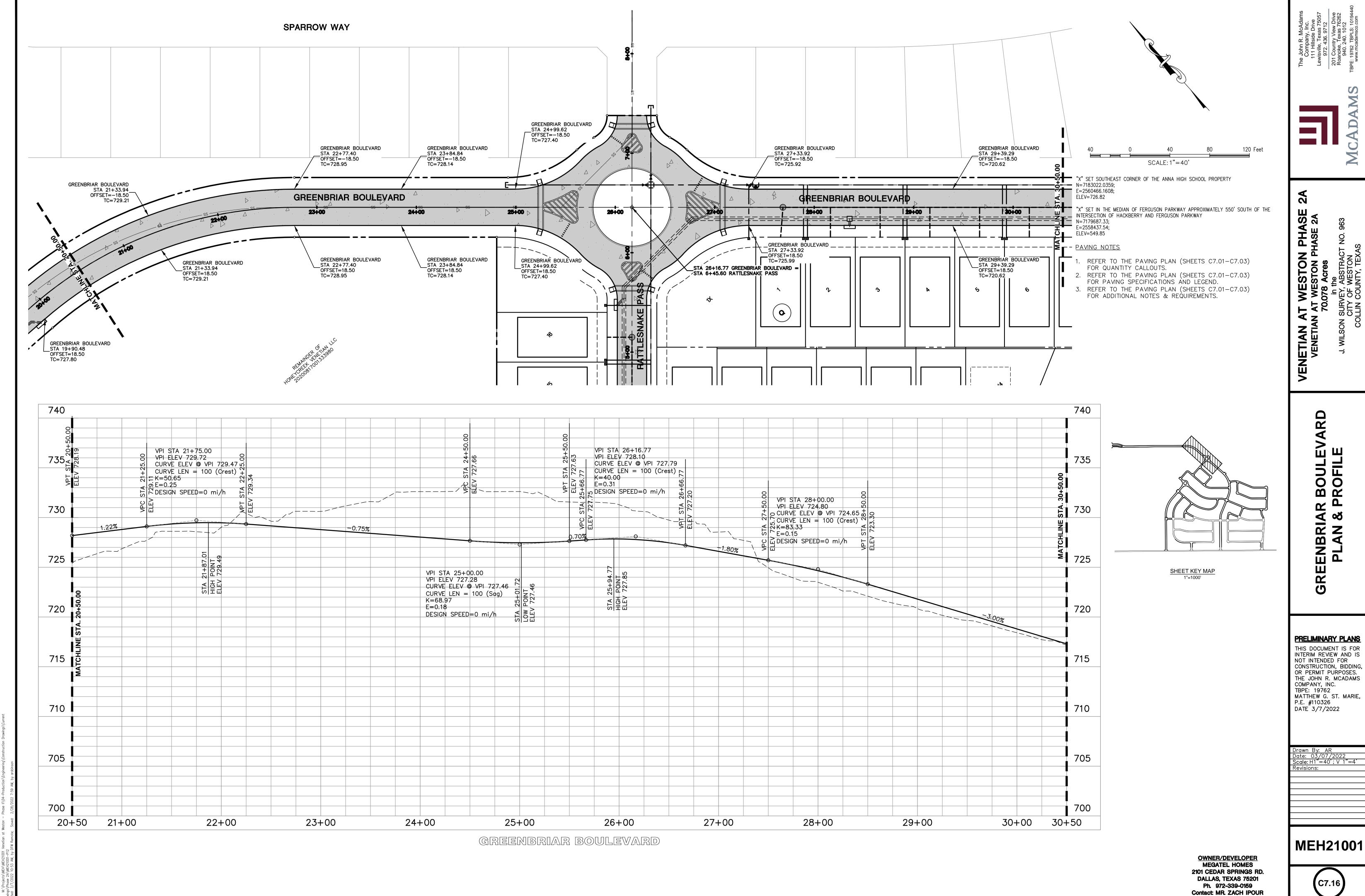
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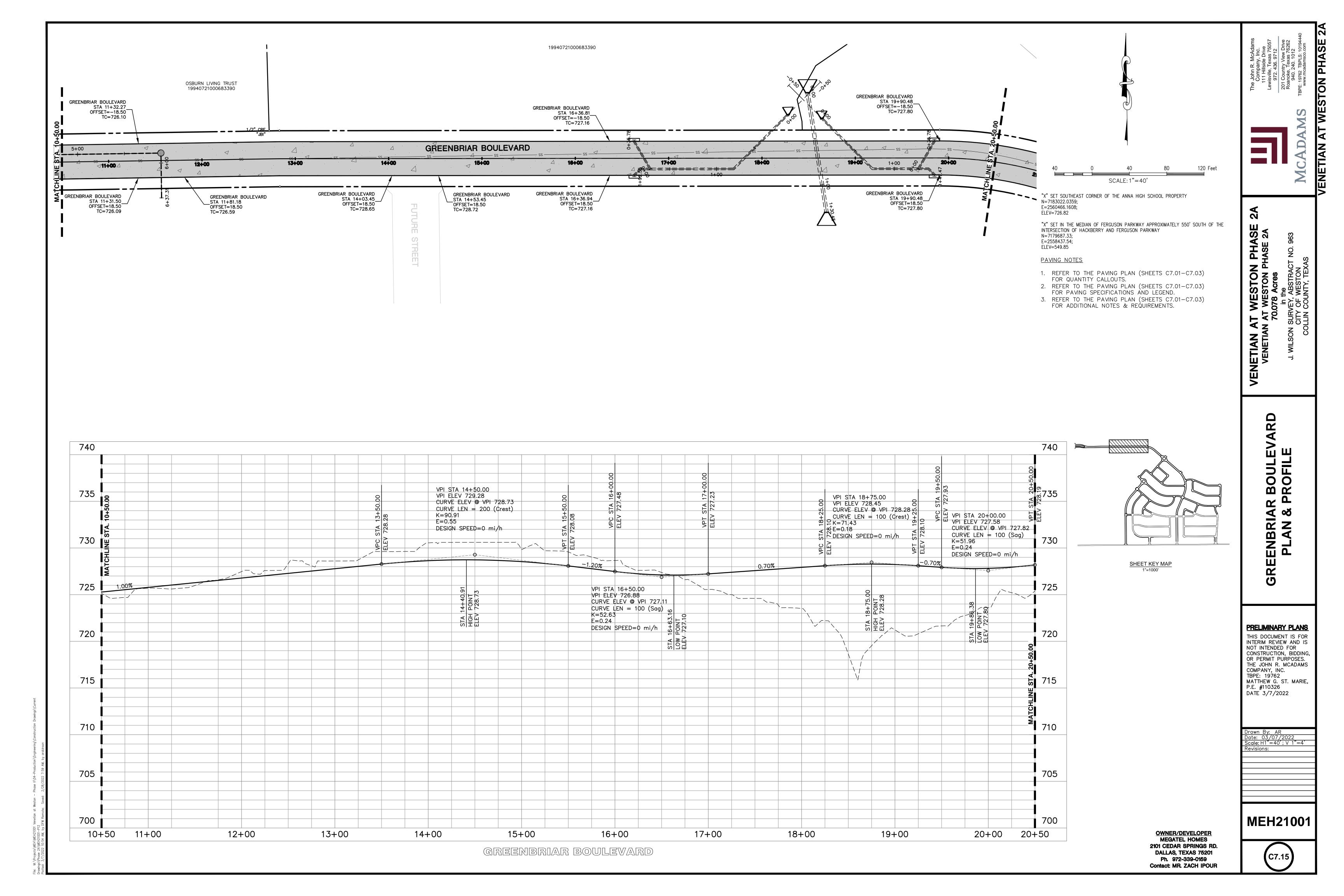
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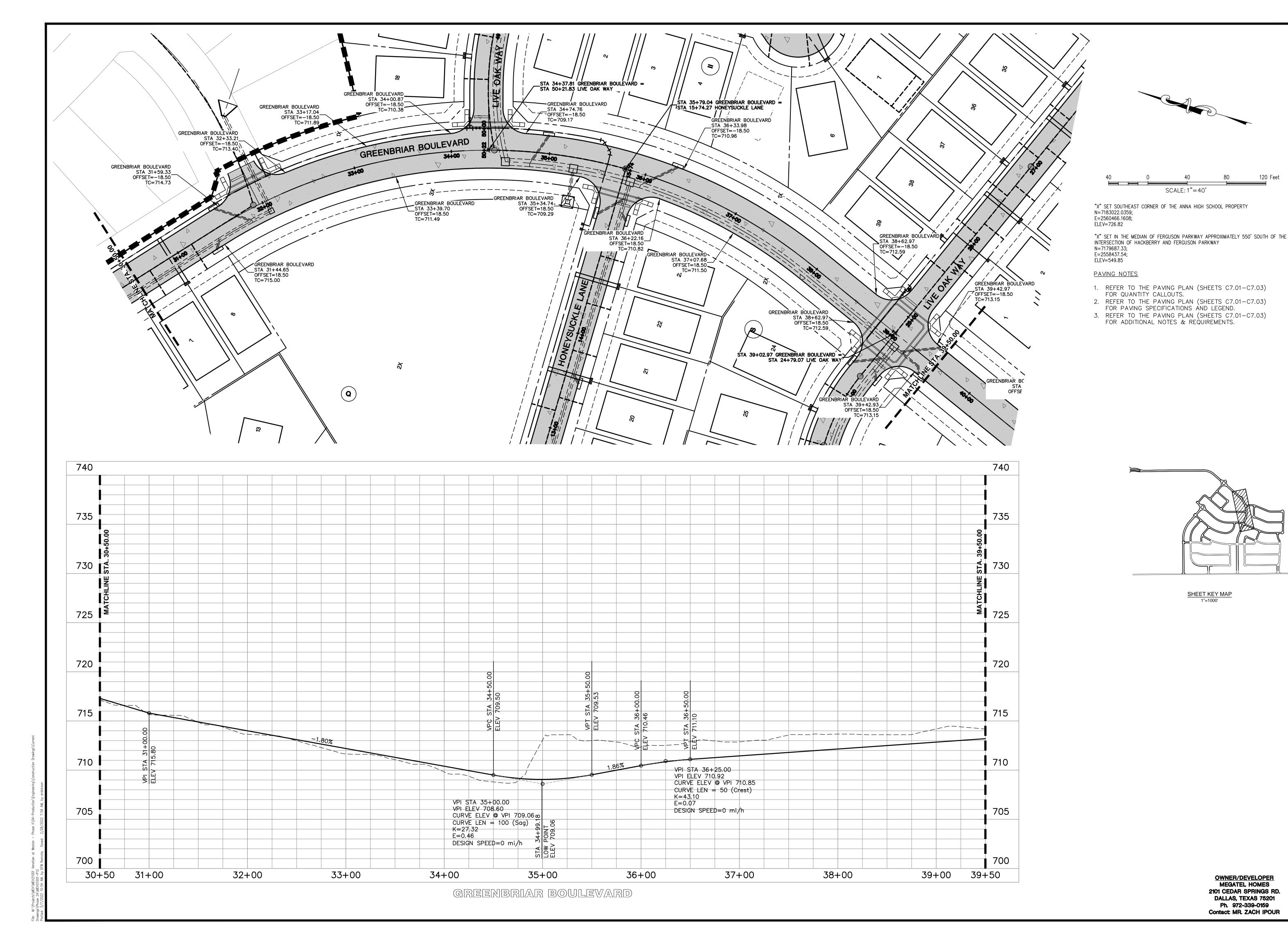




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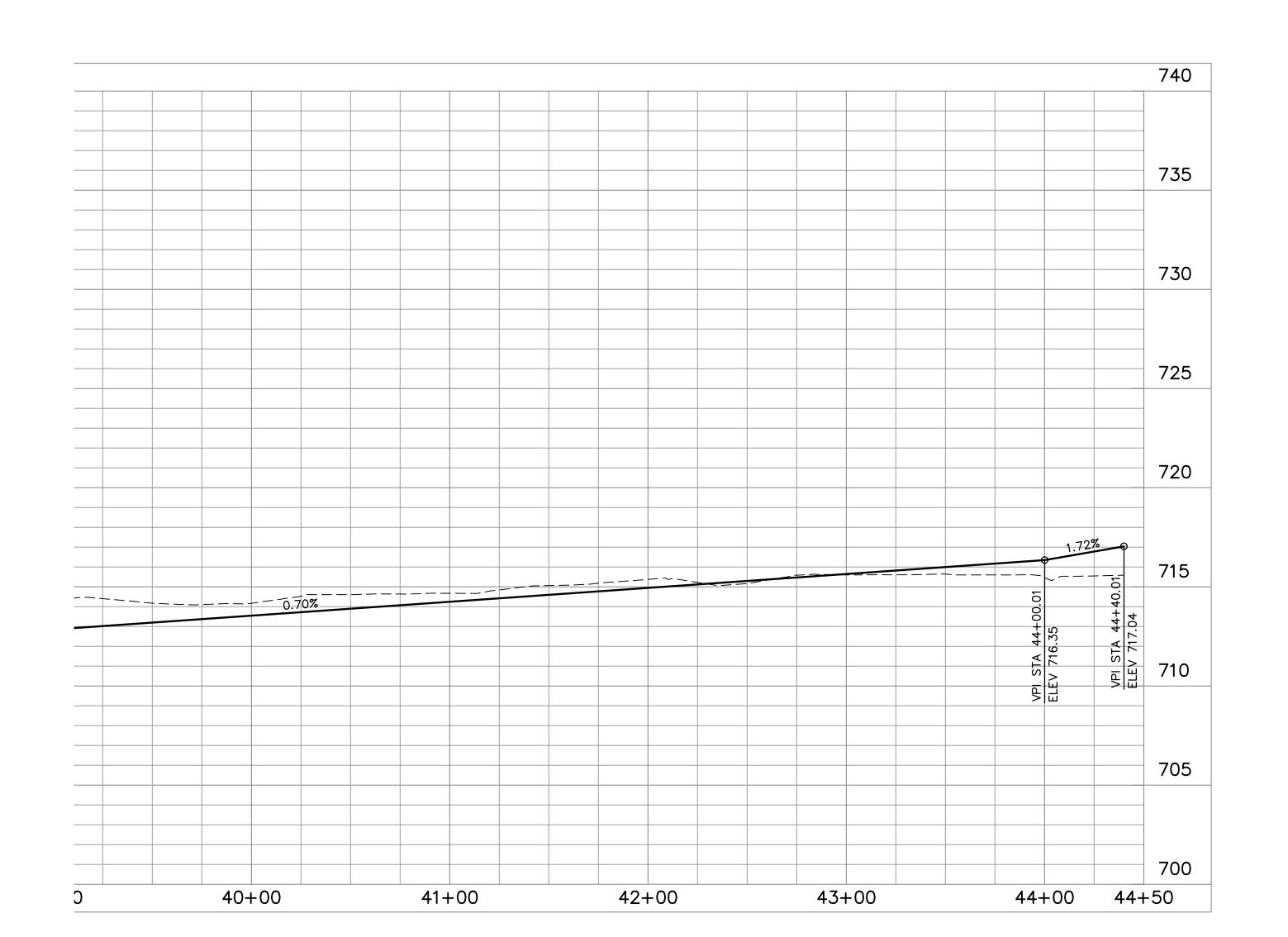
00 0FI M K AR & P GREENBRIA PLAN

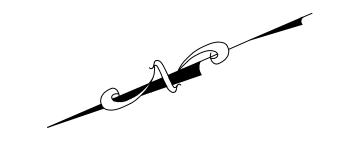
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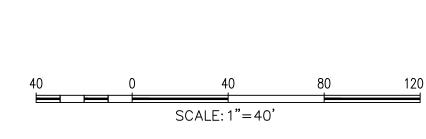
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Date: 03/07/2022
Scale: H1"=40'; V 1"=4' Revisions:

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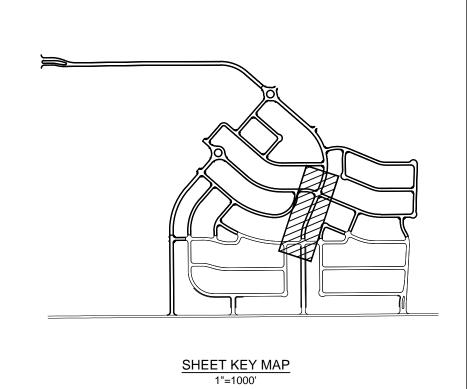




"X" SET IN THE MEDIAN OF FERGUSON PARKWAY APPROXIMATELY 550' SOUTH OF THE INTERSECTION OF HACKBERRY AND FERGUSON PARKWAY N=7179687.33; E=2558437.54; ELEV=549.85

PAVING NOTES

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- 2. REFER TO THE PAVING PLAN (SHEETS C7.01—C7.03) FOR PAVING SPECIFICATIONS AND LEGEND.
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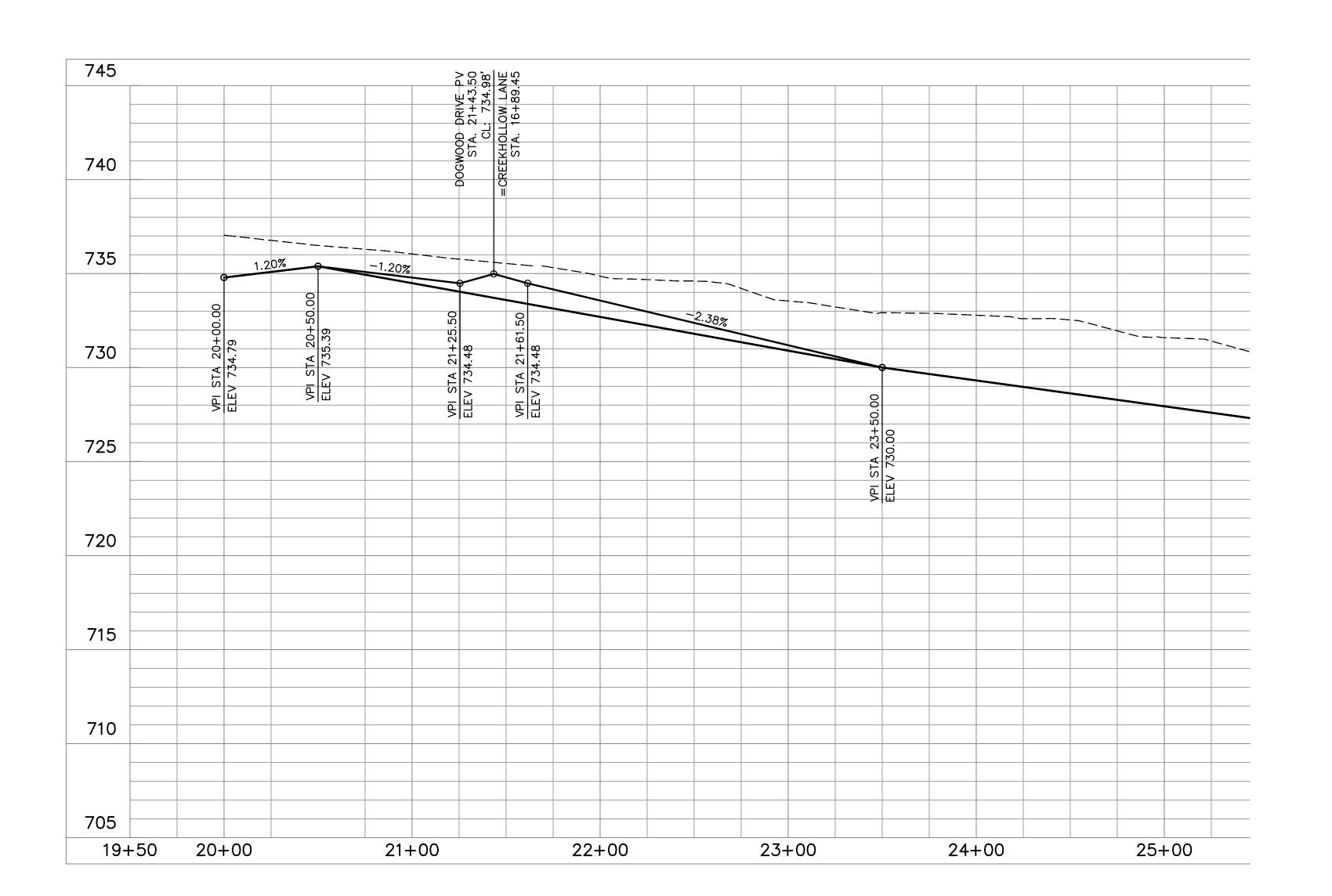
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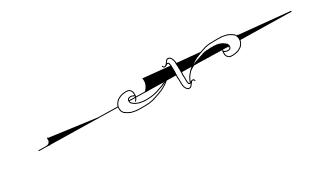
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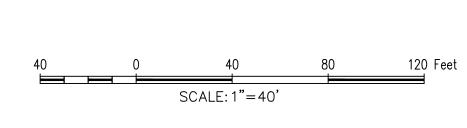
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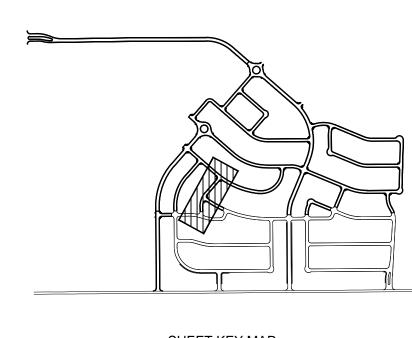




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SHEET KEY MAP 1"=1000'

PRELIMINARY PLANS

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ACKBERRY PLACE PROFILE **WESTON PHASE**

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VENETIAN AT WESTON PHASE 2A
70.078 Acres

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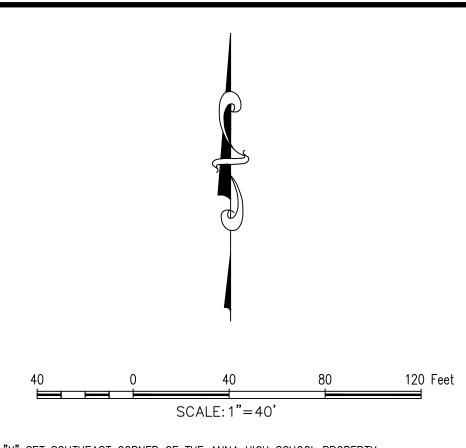
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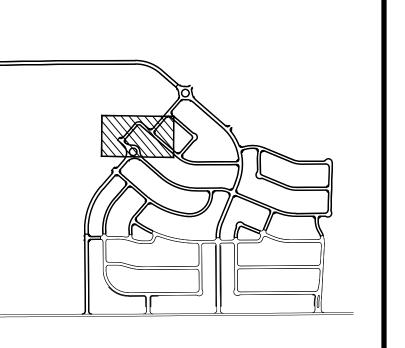




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OWNER/DEVELOPER MEGATEL HOMES

2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159

Contact: MR. ZACH IPOUR

SHEET KEY MAP 1"=1000'

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HONE

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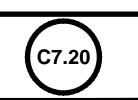
SUCKLE LAN & PROFILE **VENETIAN**

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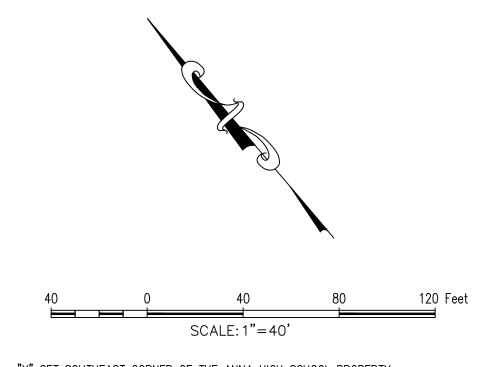
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Date: 03/07/2022
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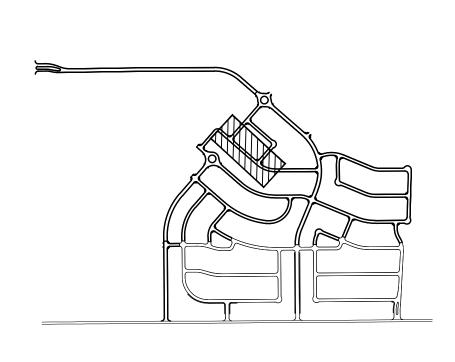


"X" SET SOUTHEAST CORNER OF THE ANNA HIGH SCHOOL PROPERTY N=7183022.0359; E=2560466.1608; ELEV=726.82

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SHEET KEY MAP 1"=1000'

HONEYSUCKLE LANE & PROFILE

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VENETIAN AT VENETIAN AT

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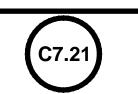
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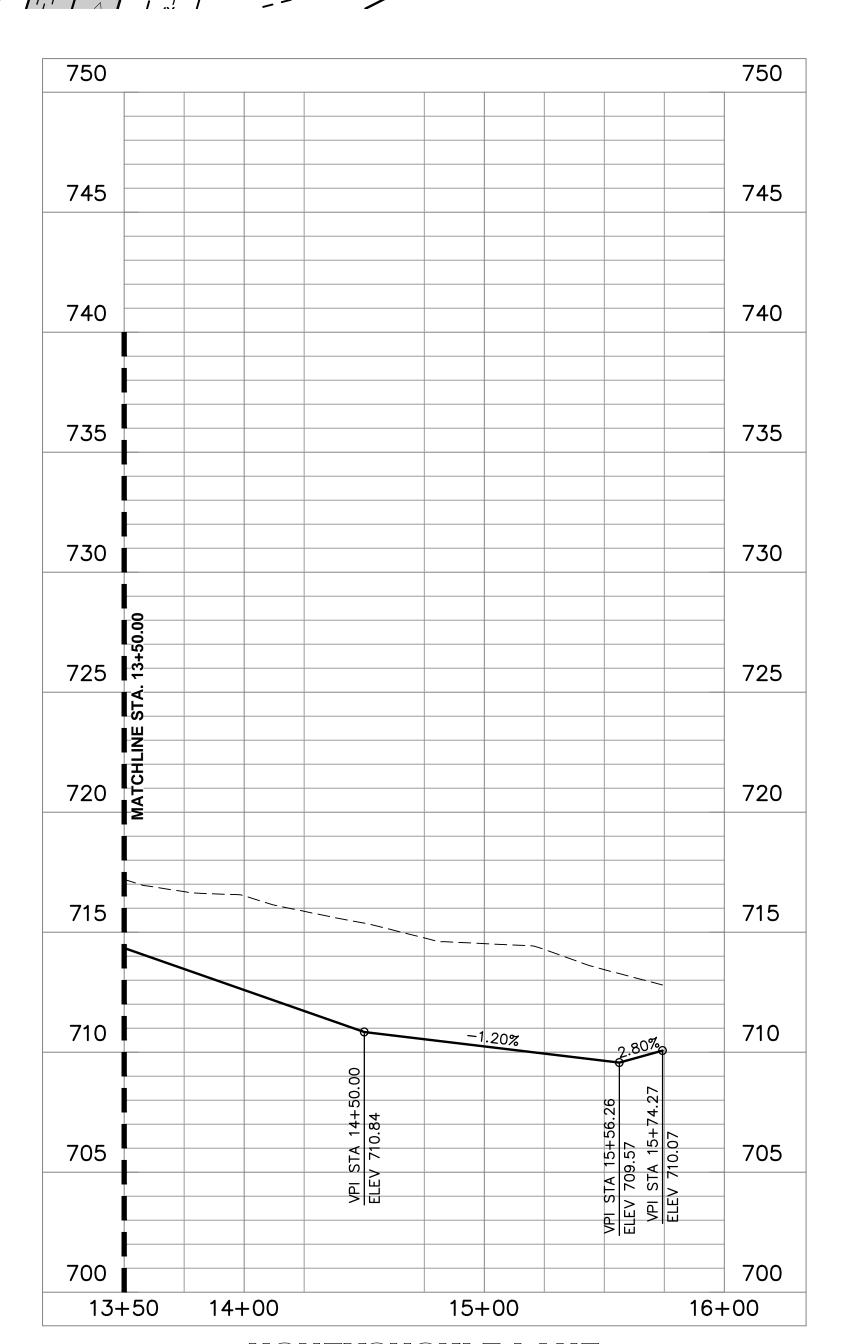
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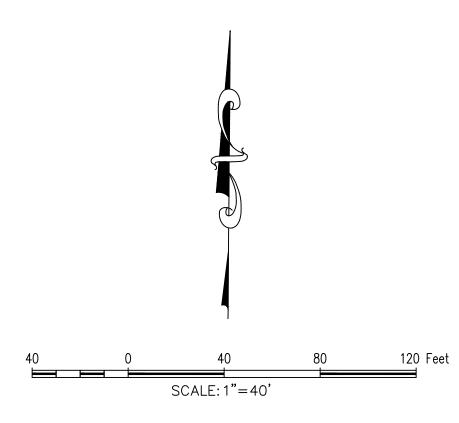
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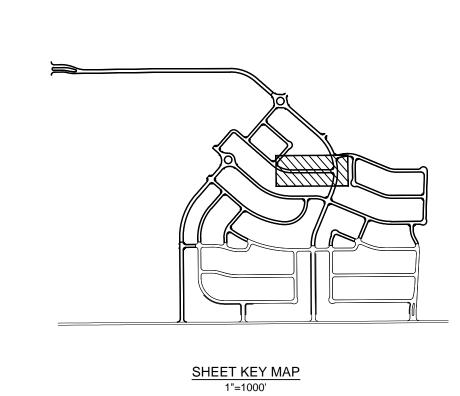
HONEYSUCKLE LANE



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SUCKLE LAN & PROFILE

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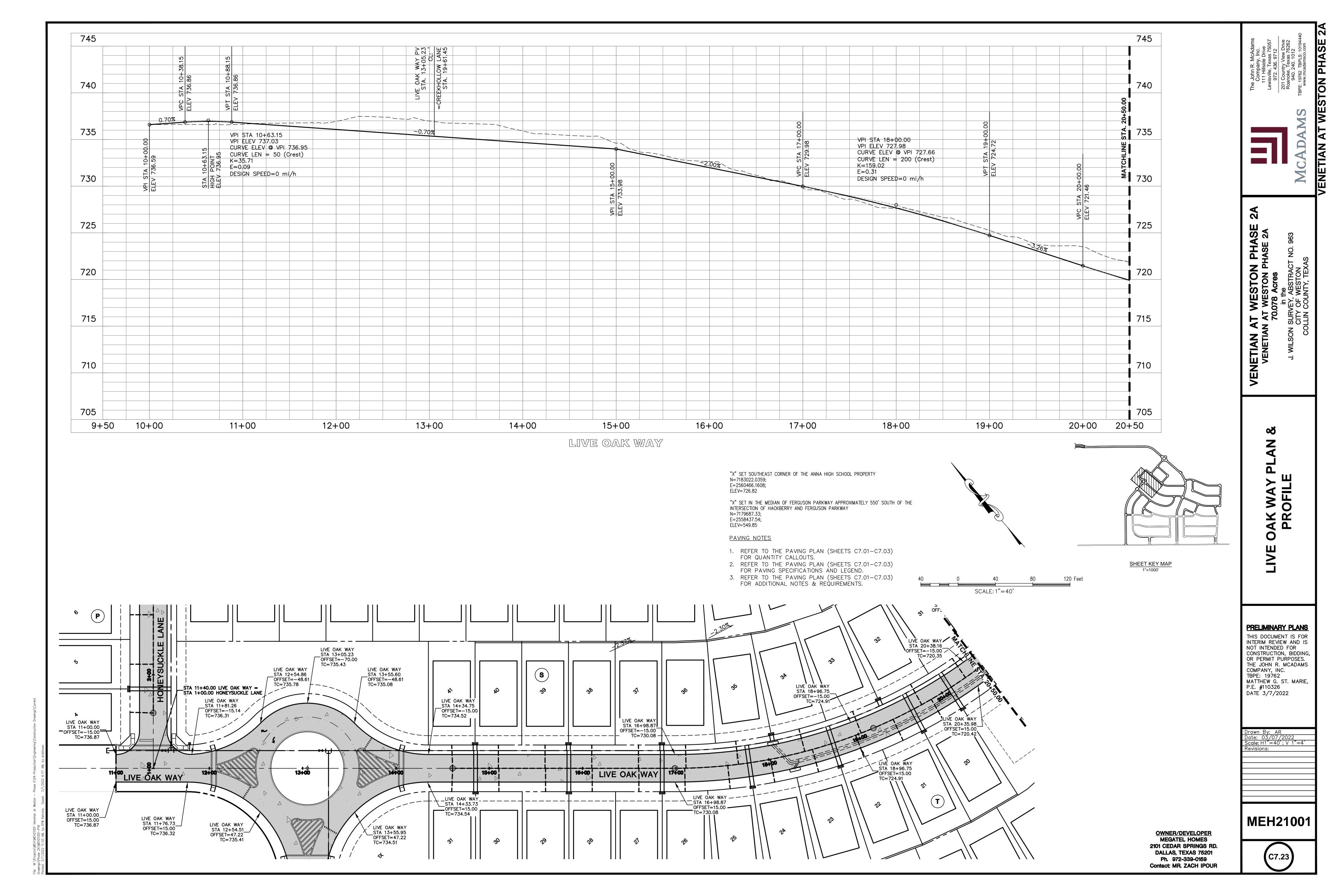
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Date: 03/07/2022
Scale: H1"=40'; V 1"=4'
Revisions:

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OWNER/DEVELOPER MEGATEL HOMES

2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159
Contact: MR. ZACH IPOUR





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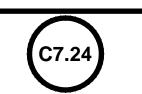
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THE JOHN R. MCADAMS COMPANY, INC. TBPE: 19762 MATTHEW G. ST. MARIE, P.E. #110326 DATE 3/7/2022

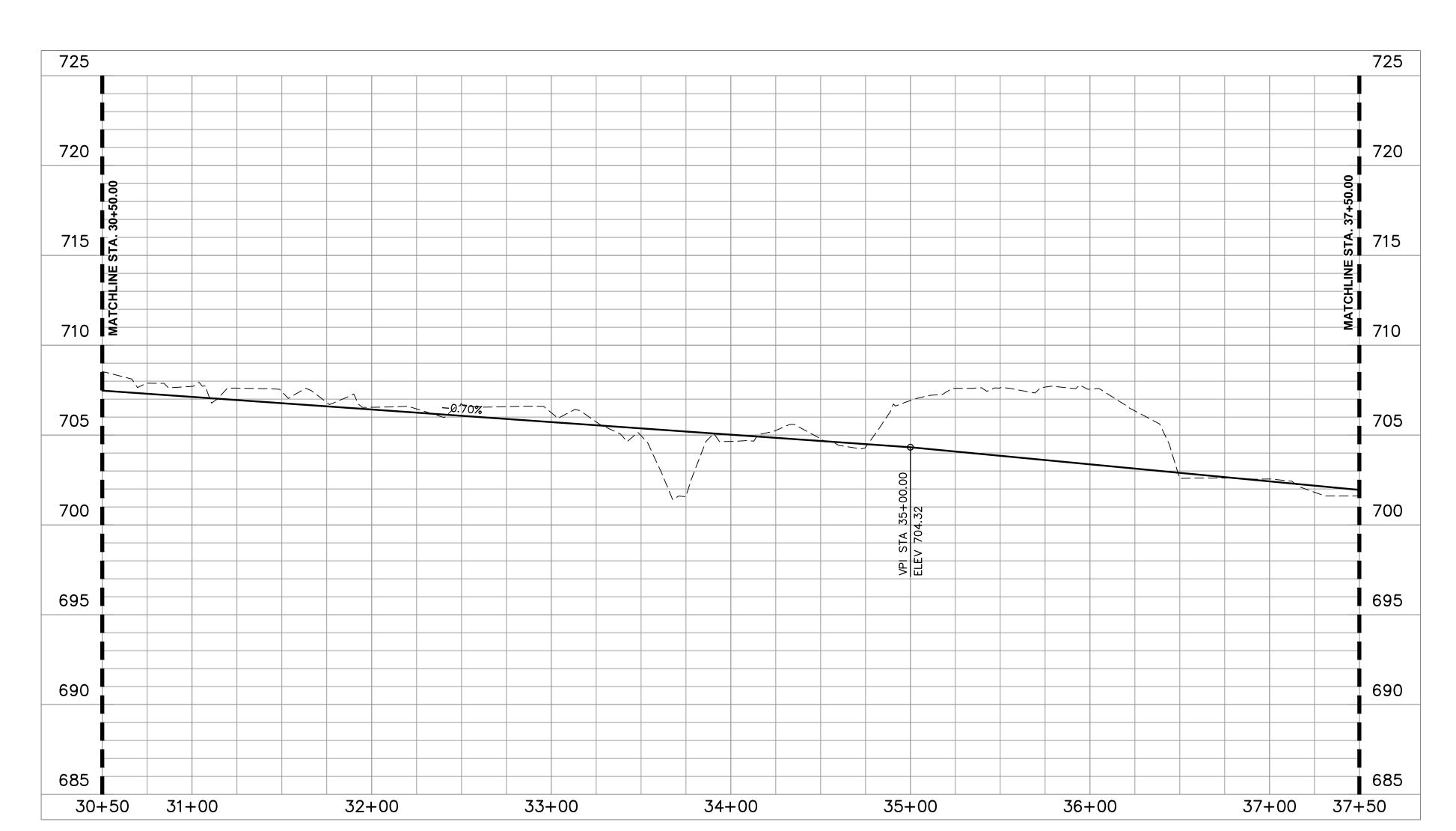
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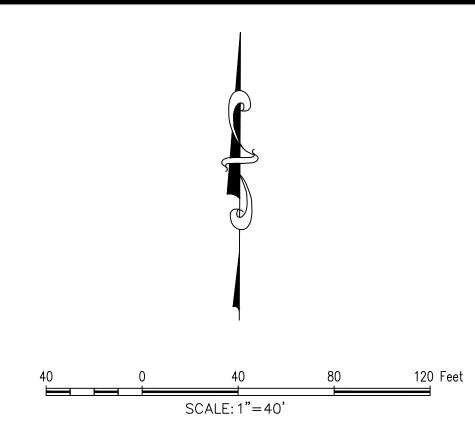


DALLAS, TEXAS 75201

Ph. 972-339-0159 Contact: MR. ZACH IPOUR



LIVE OAK WAY

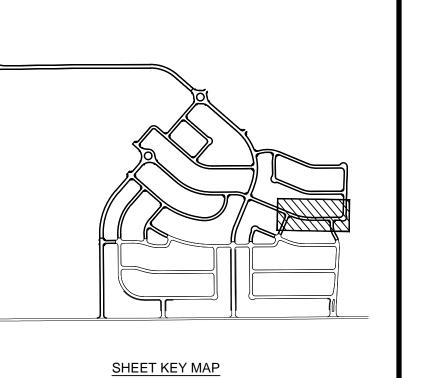


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PRELIMINARY PLANS

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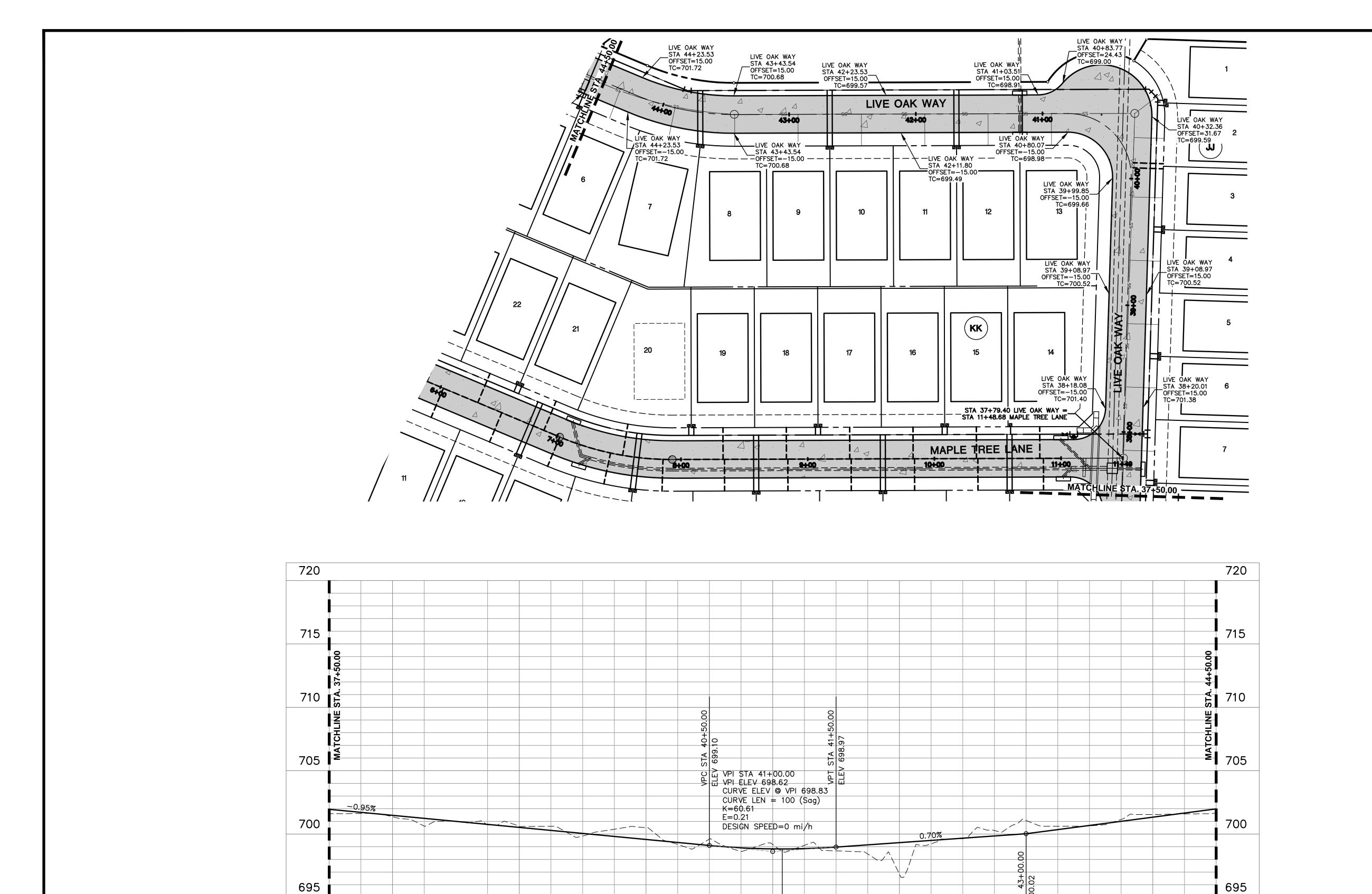
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Revisions:

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685

680

37+50

38+00

40 0 40 80 120 Feet SCALE: 1"=40'

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PAVING NOTES

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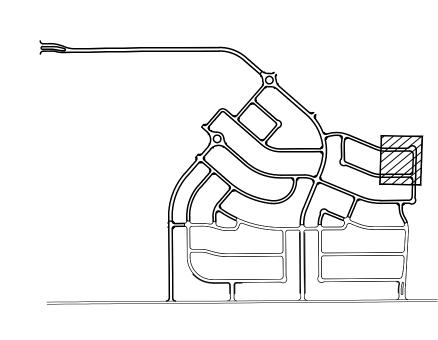
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SHEET KEY MAP

OWNER/DEVELOPER
MEGATEL HOMES
2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201

Ph. 972-339-0159 Contact: MR. ZACH IPOUR PRELIMINARY PLANS

AK WAY F

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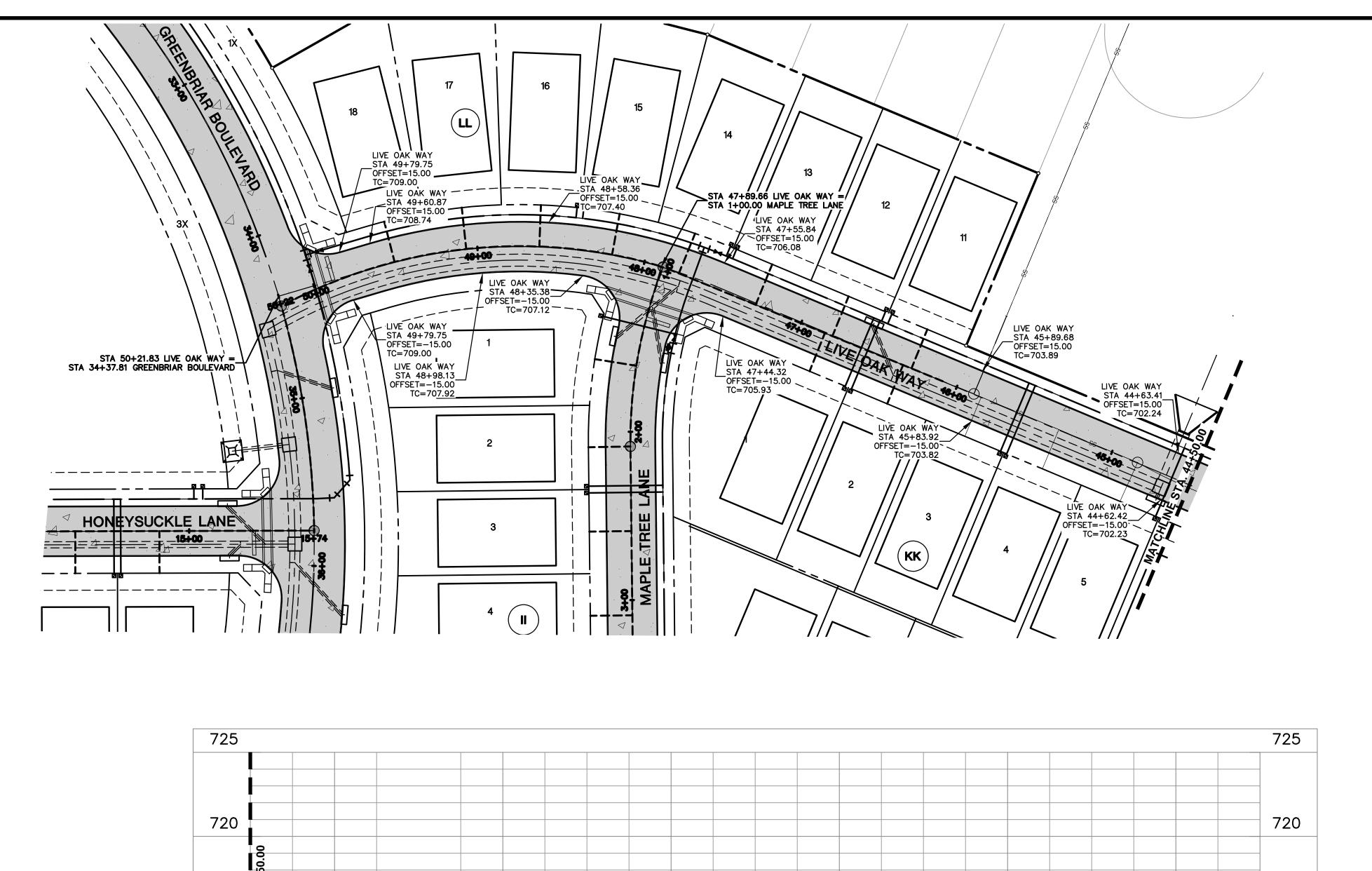
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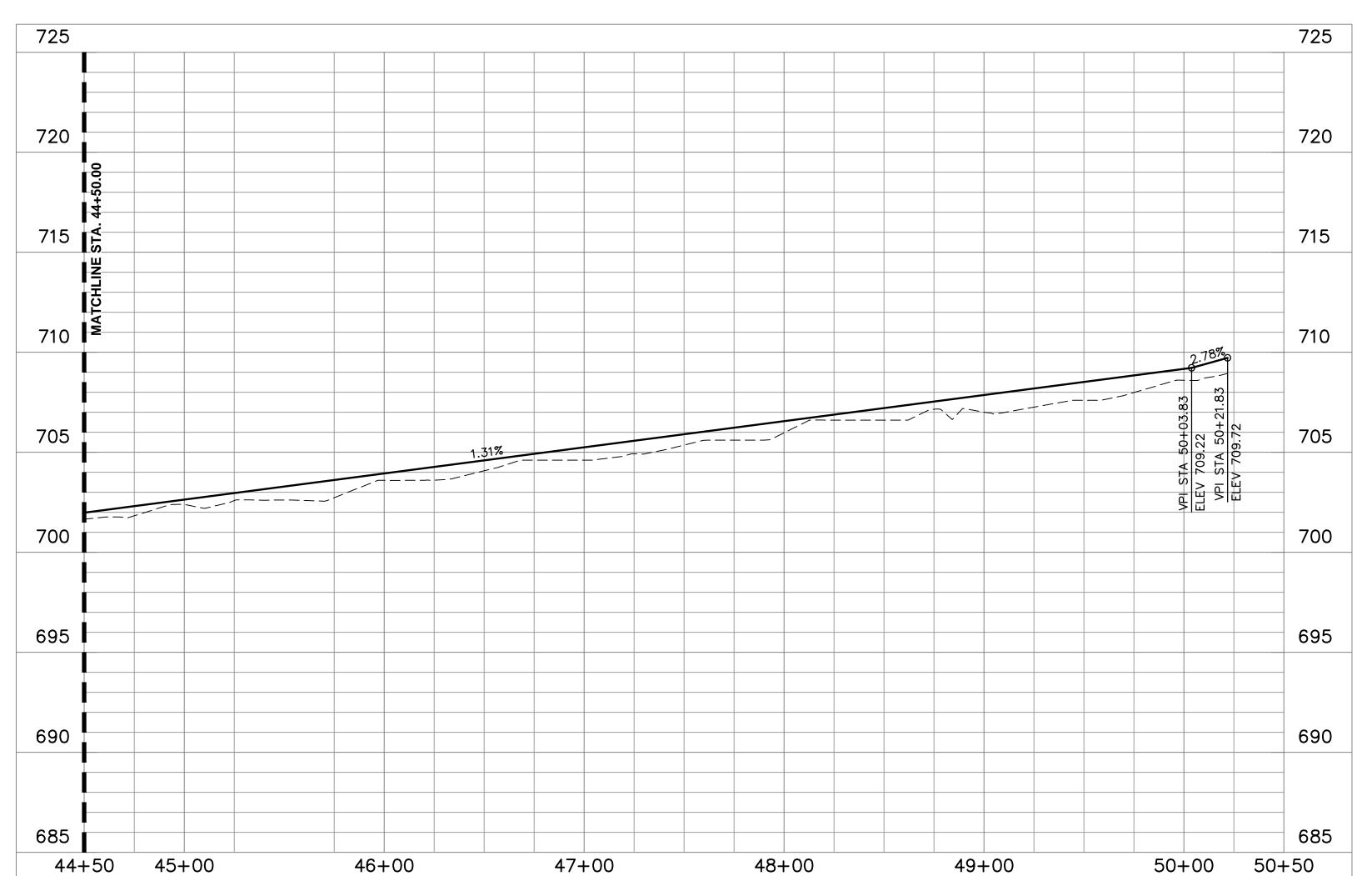
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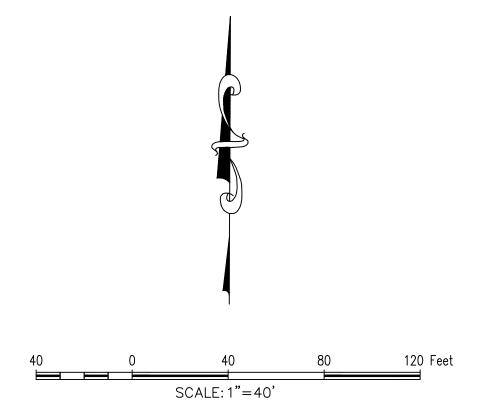
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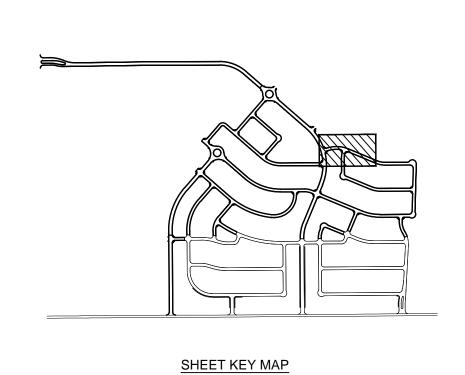


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PRELIMINARY PLANS

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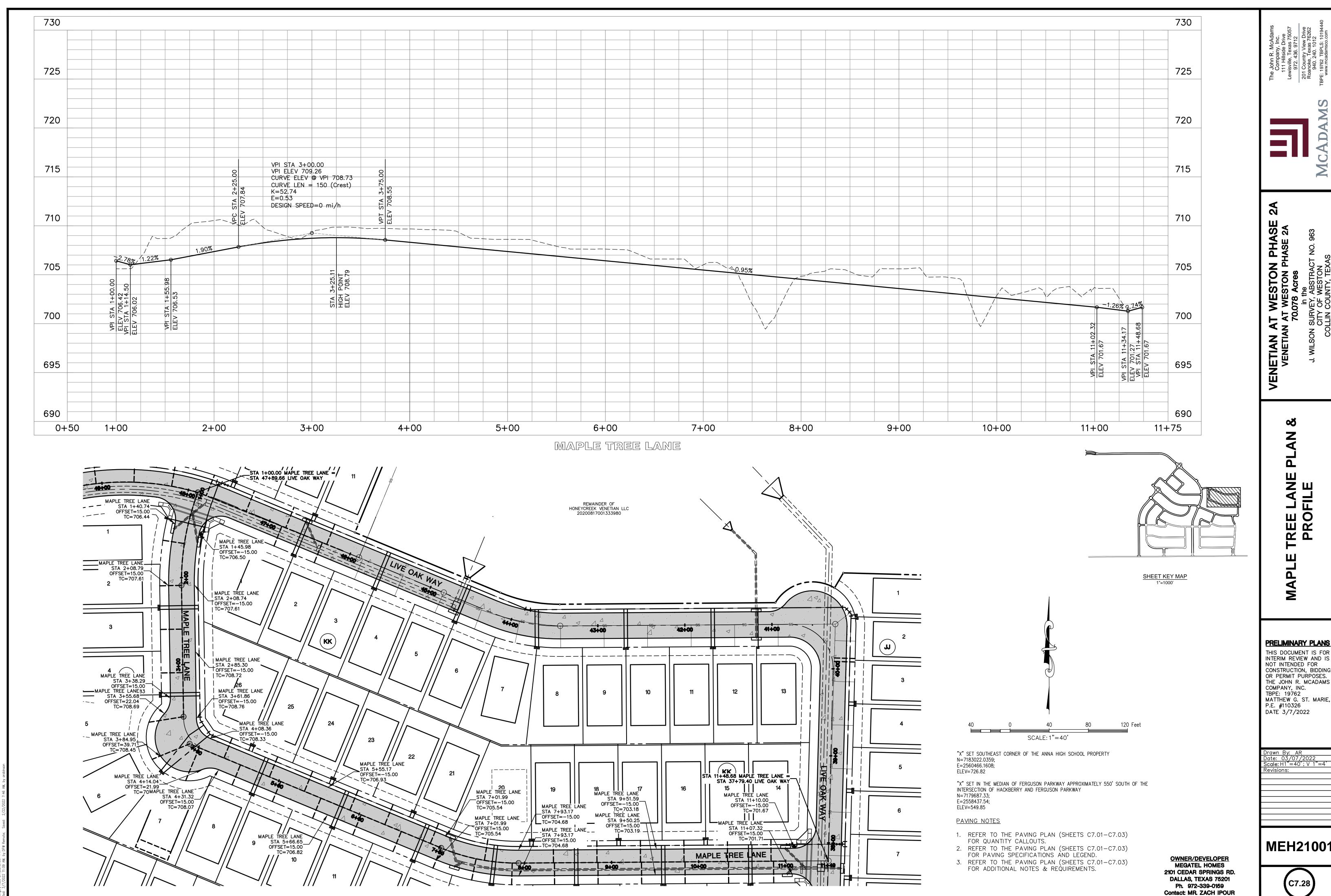
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OWNER/DEVELOPER
MEGATEL HOMES
2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201



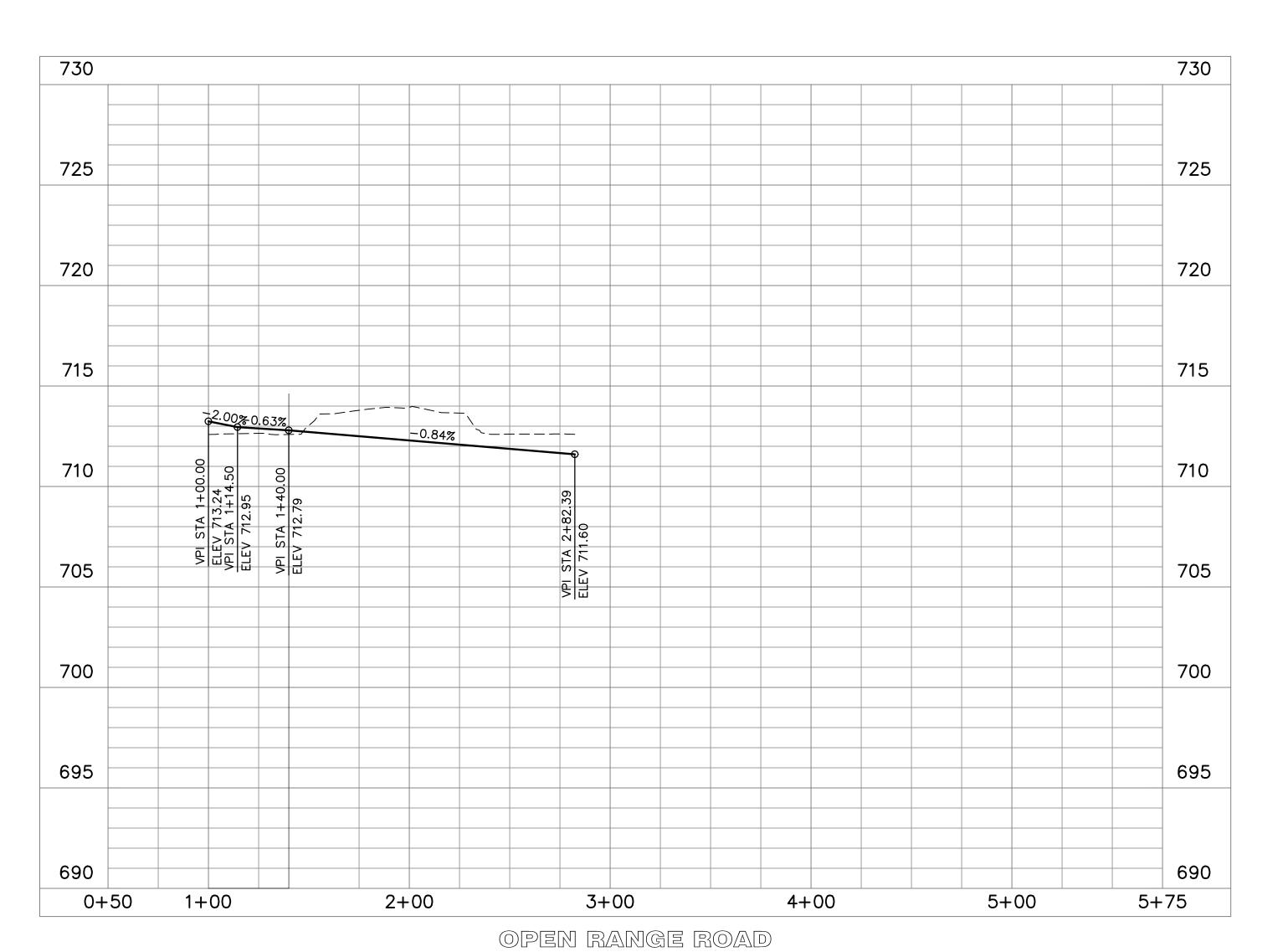


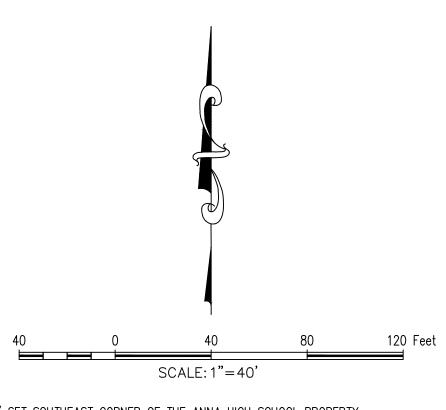
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SHEET KEY MAP 1"=1000' VENETIAN AT WEST
VENETIAN AT WEST
VENETIAN AT WEST

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VENETIAN

OPEN RANGE ROAD PLAN PROFILE

PRELIMINARY PLANS

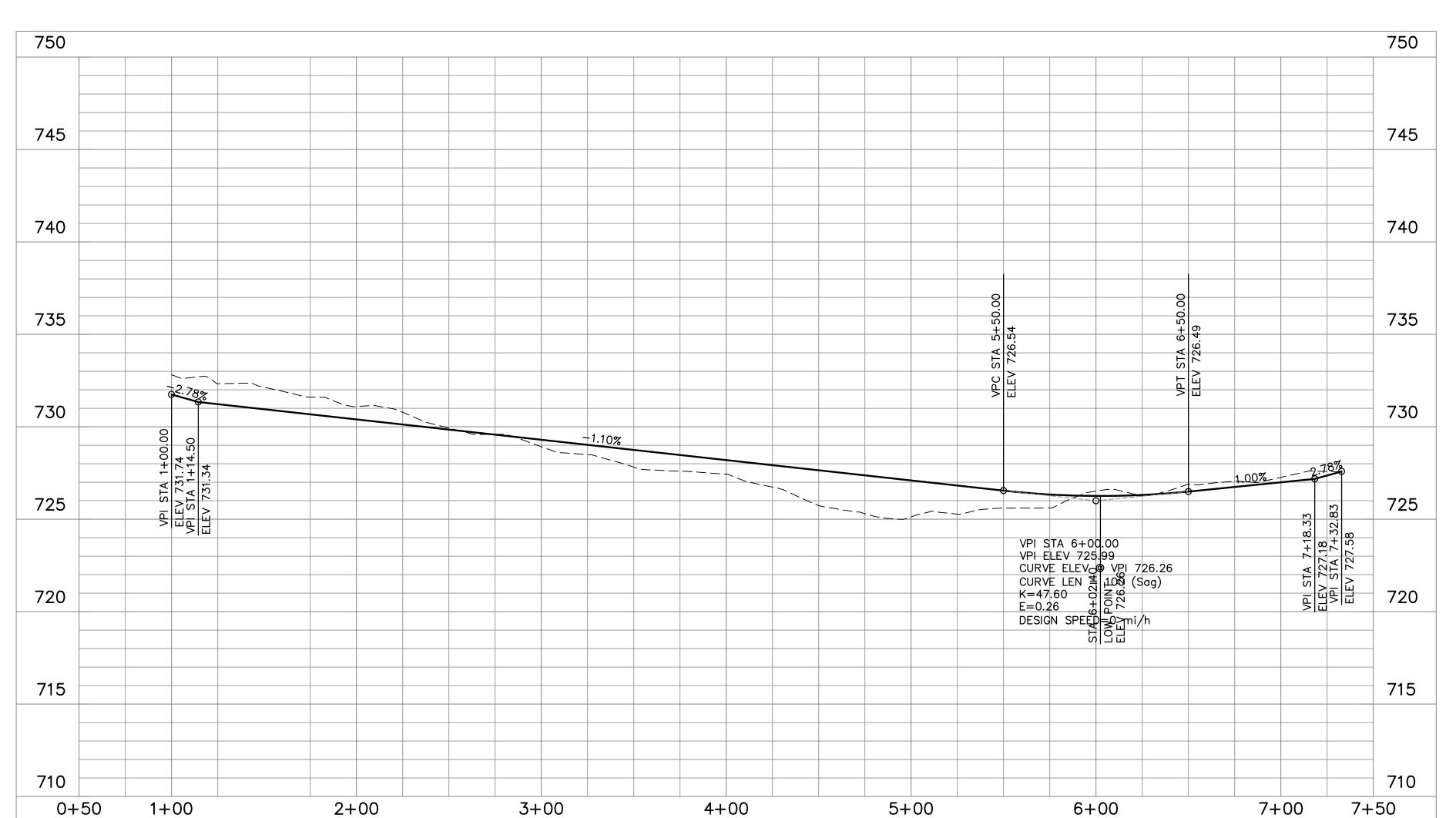
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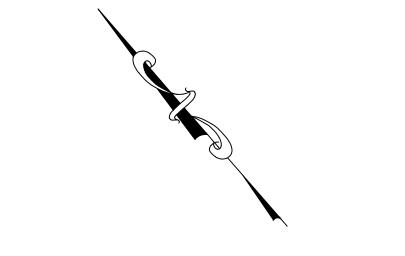
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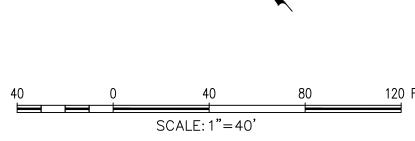
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2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201
Ph. 972-339-0159
Contact: MR. ZACH IPOUR





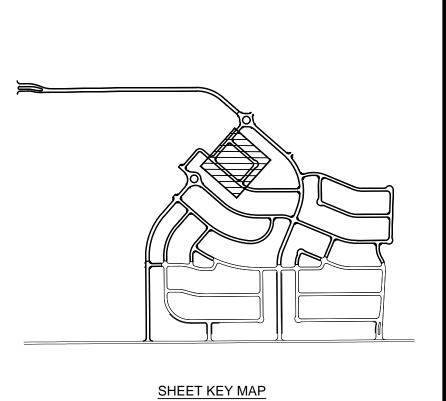


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MEGATEL HOMES 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201

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PRELIMINARY PLANS

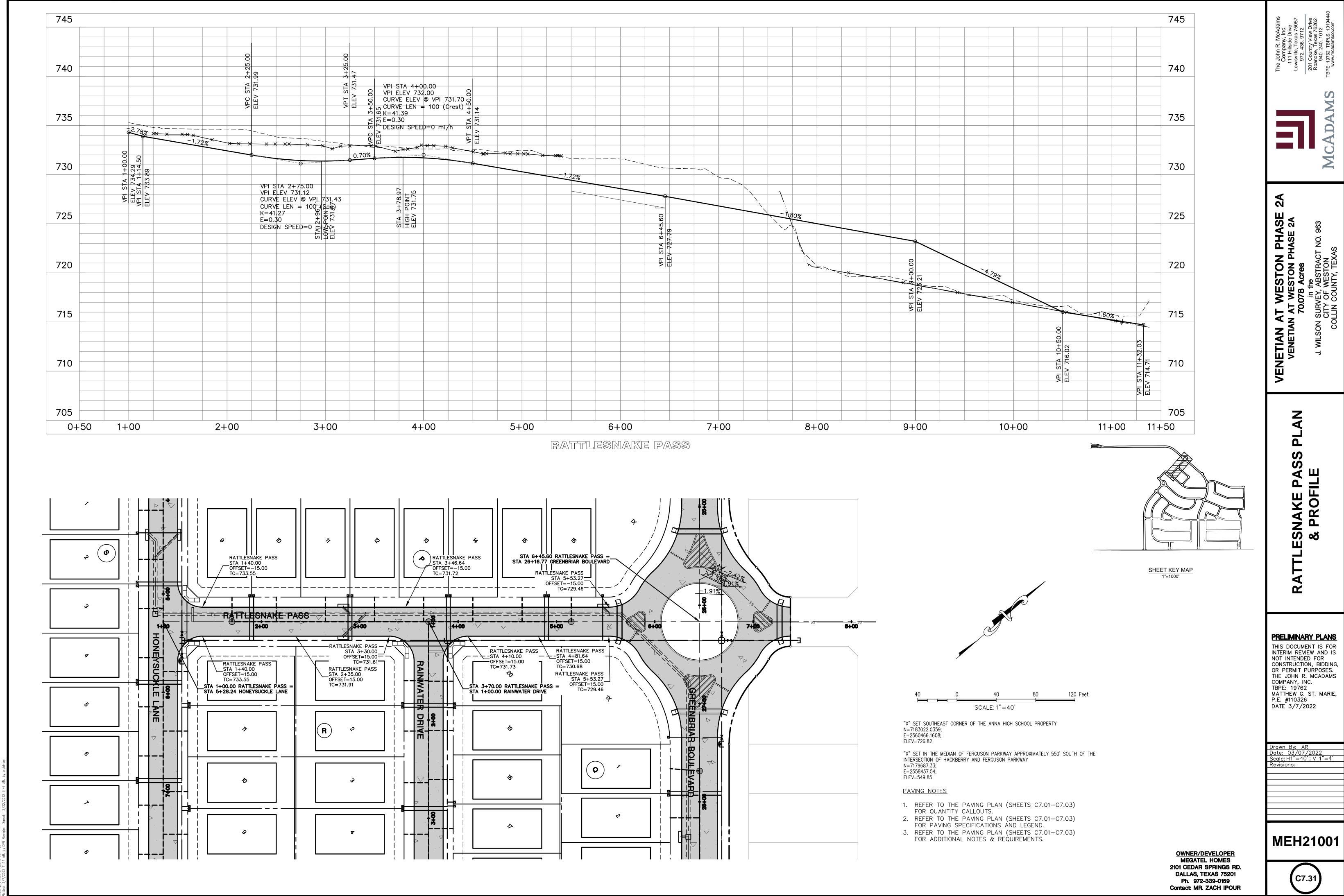
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RAINWATER DRIVE

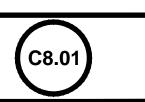


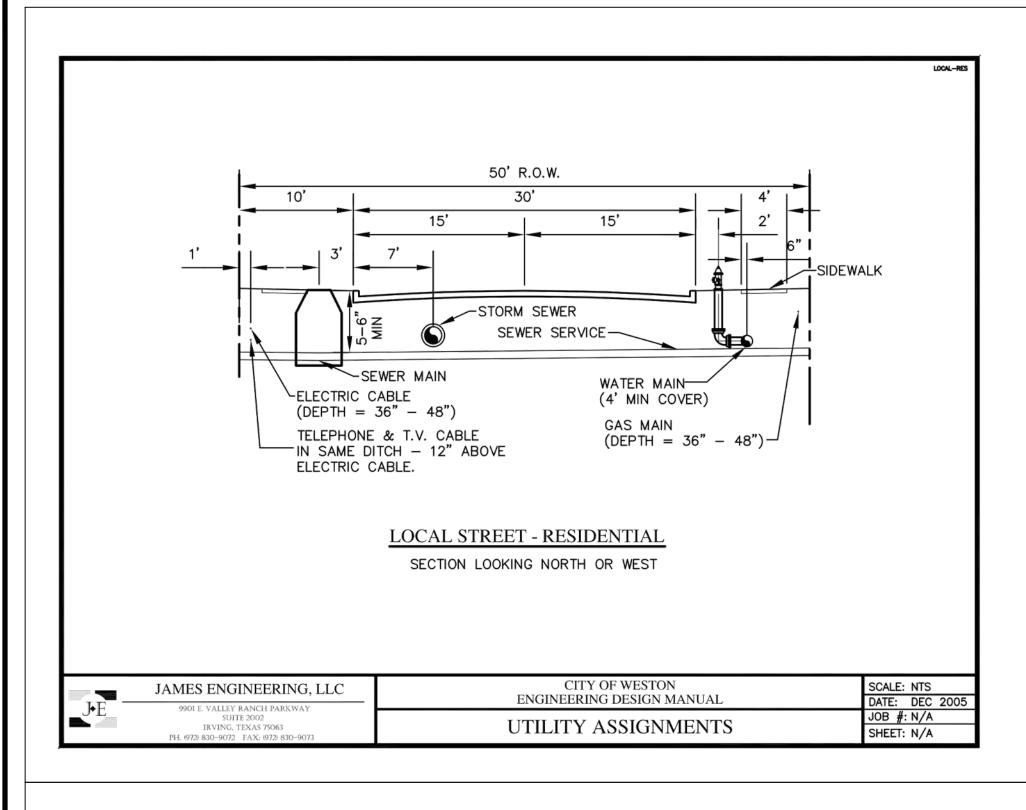
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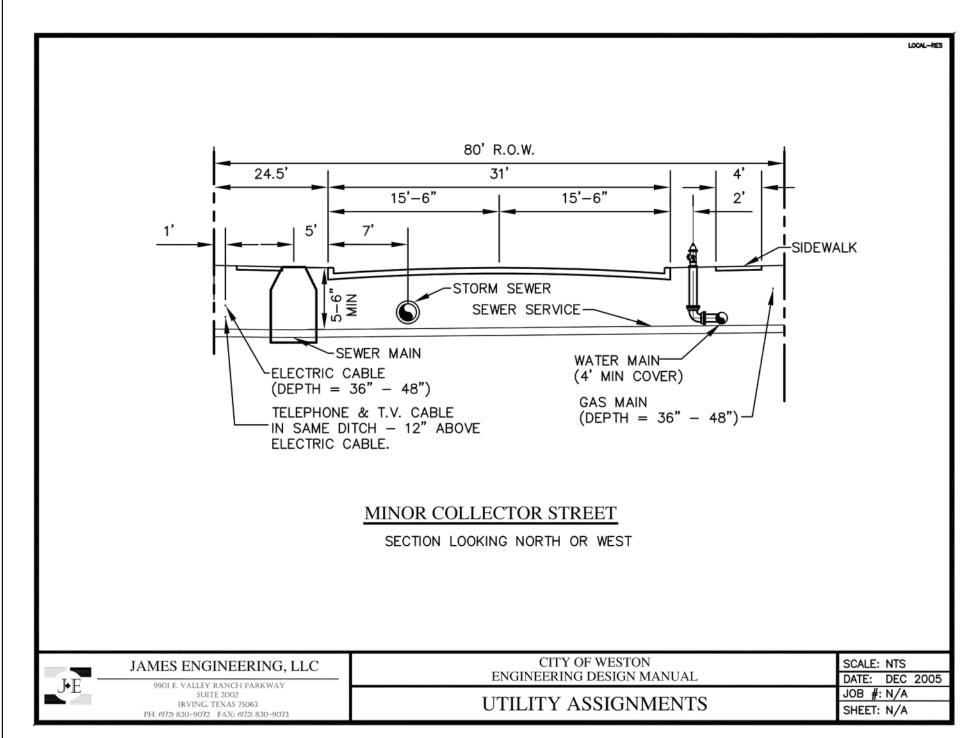
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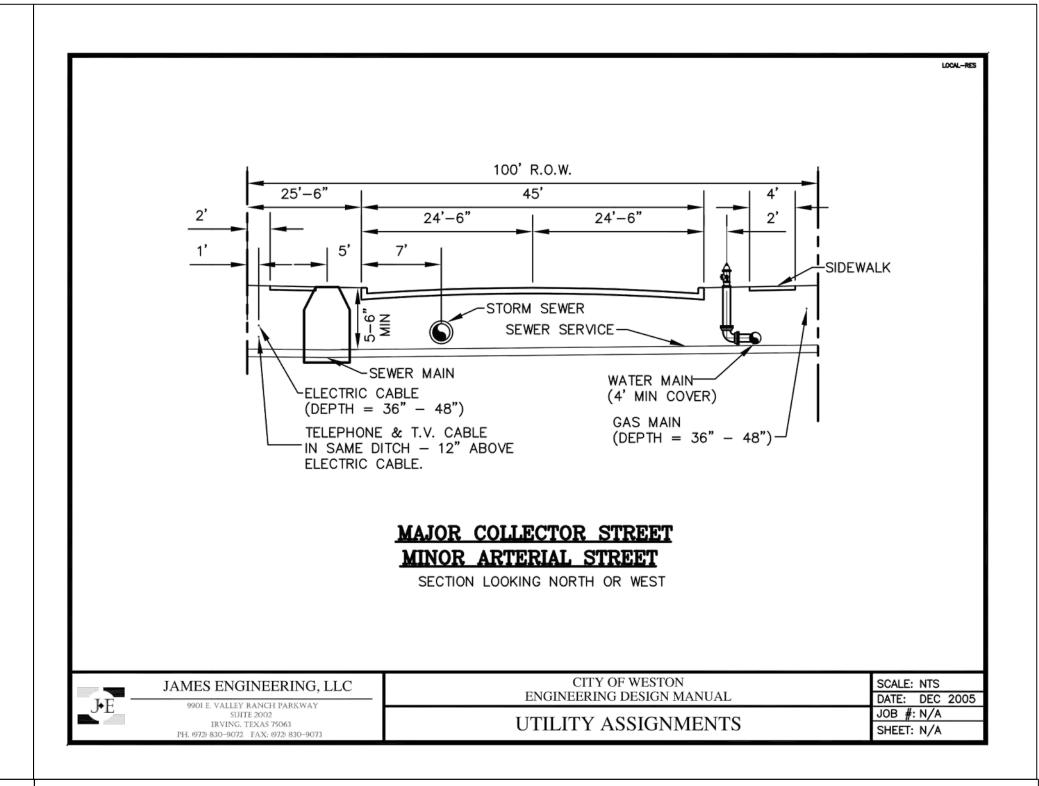
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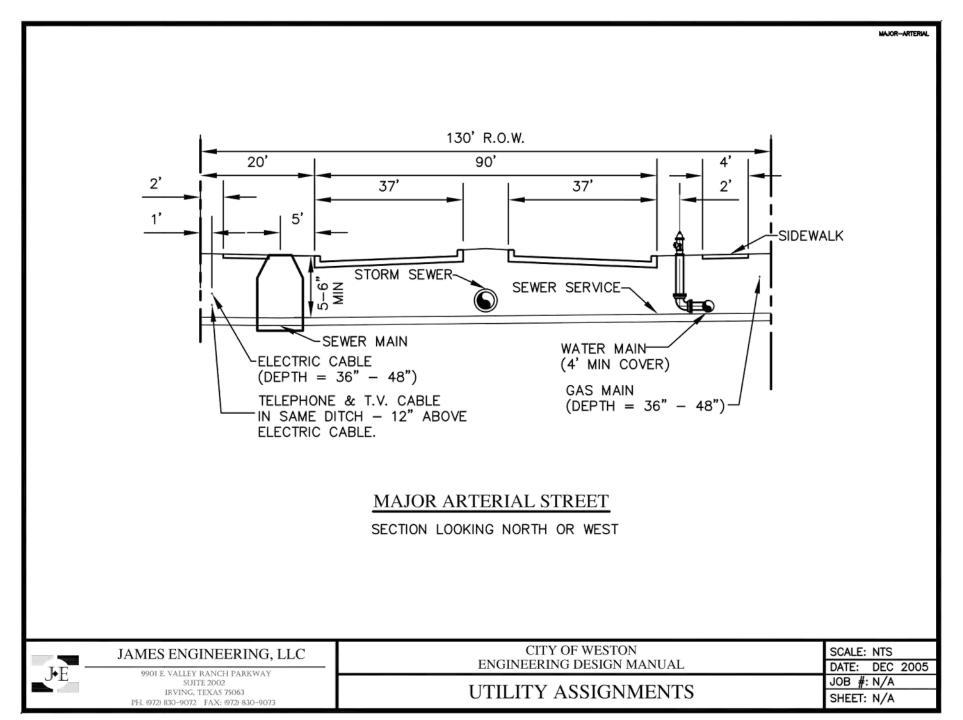
OWNER/DEVELOPER **MEGATEL HOMES** 2101 CEDAR SPRINGS RD. DALLAS, TEXAS 75201

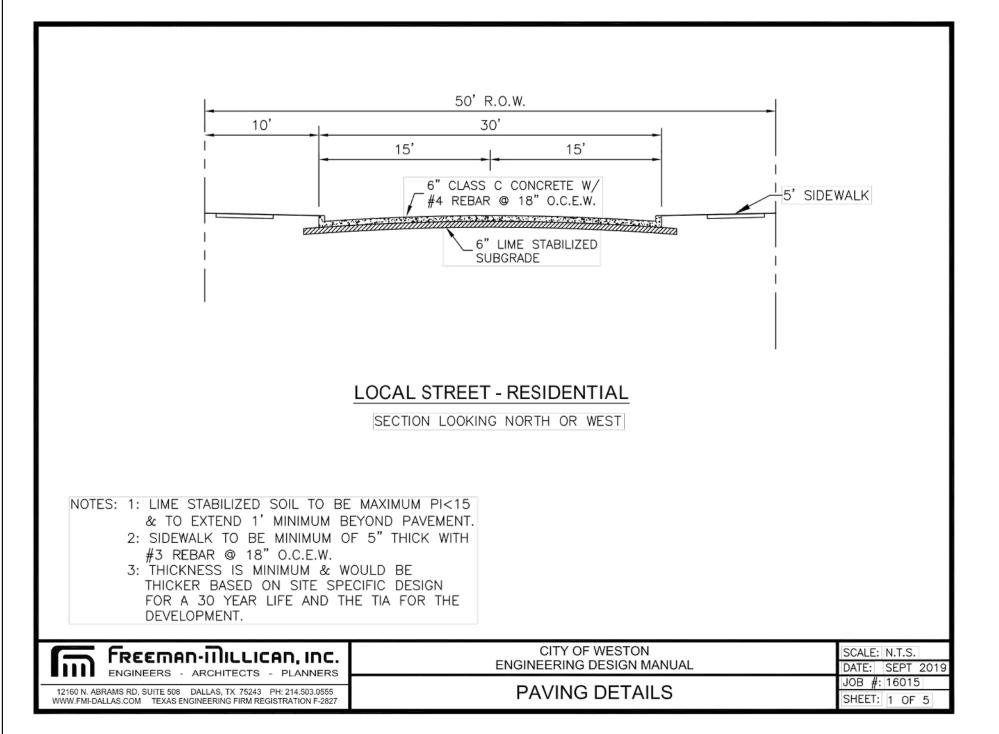


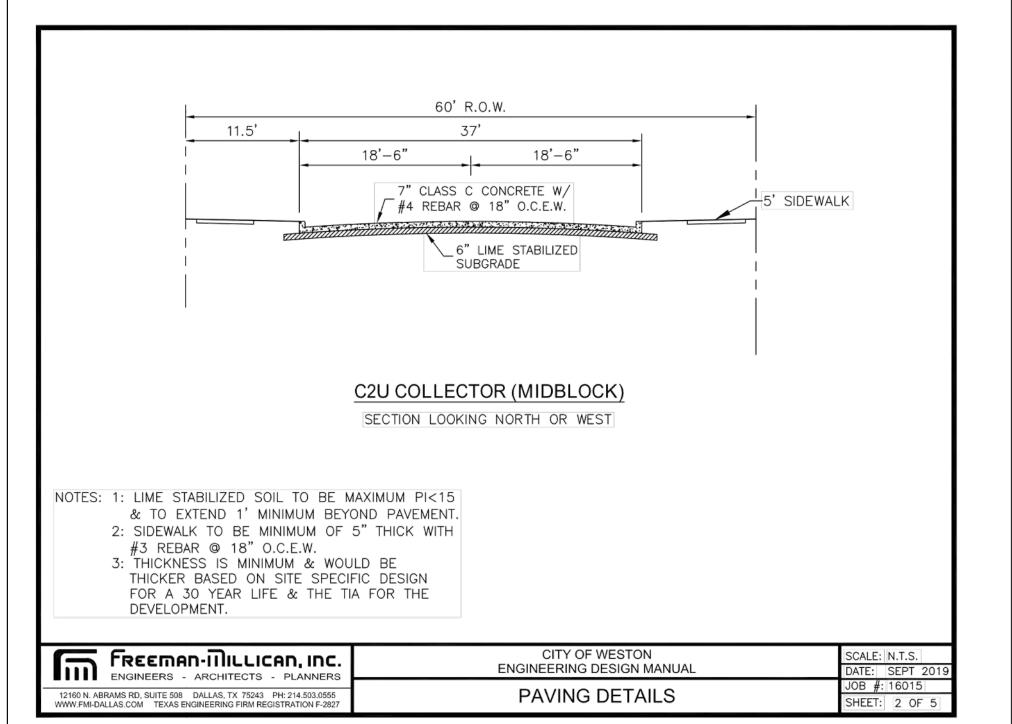


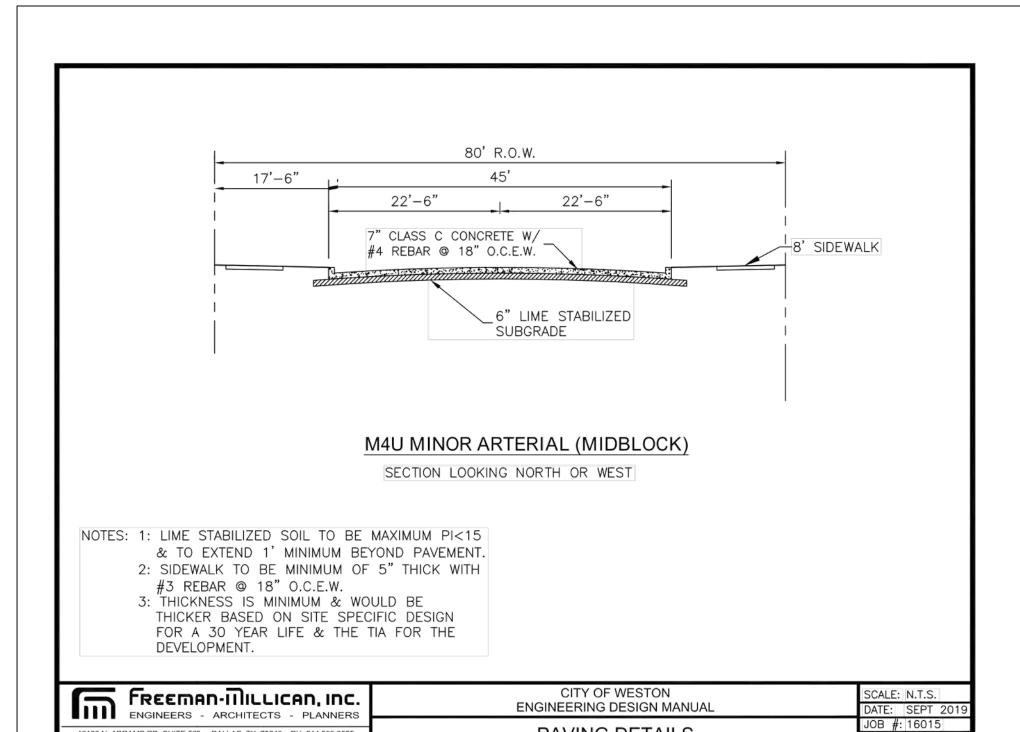








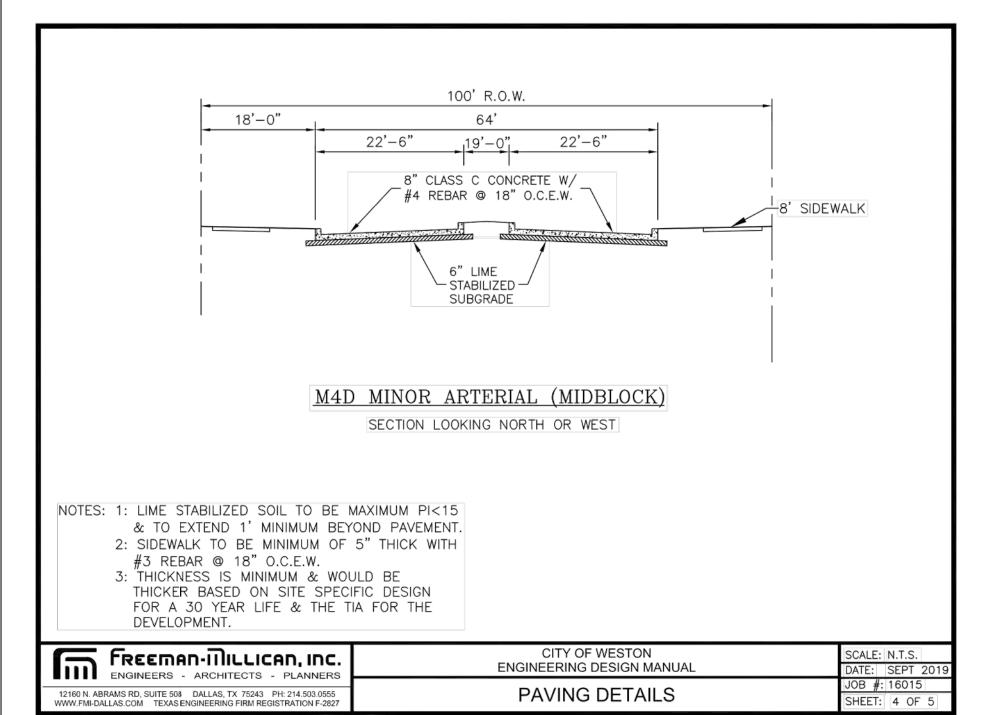


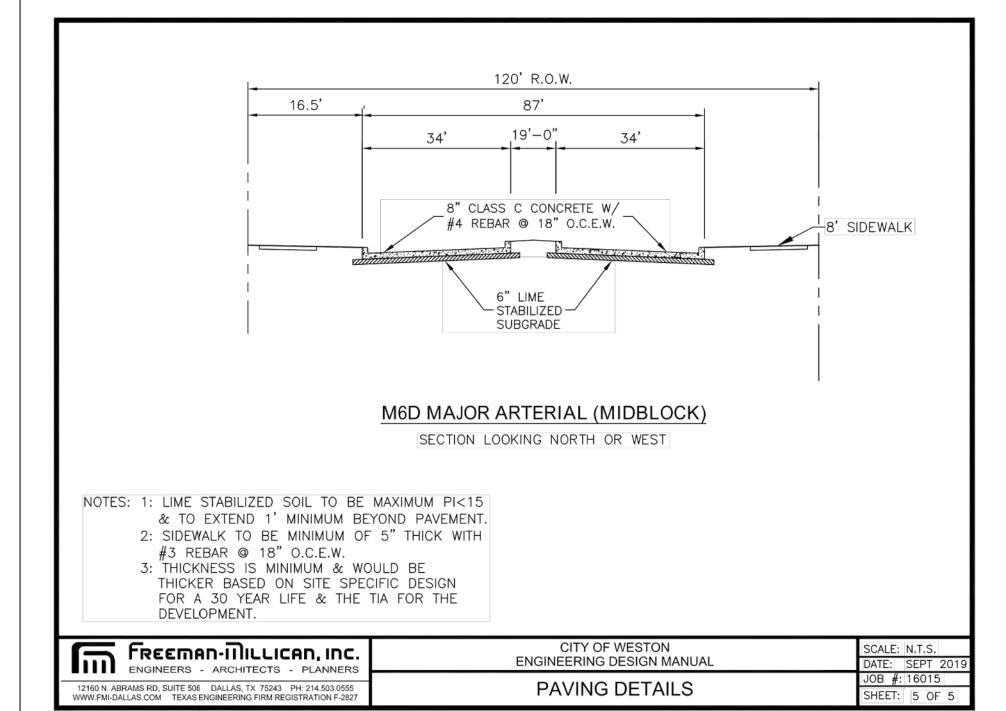


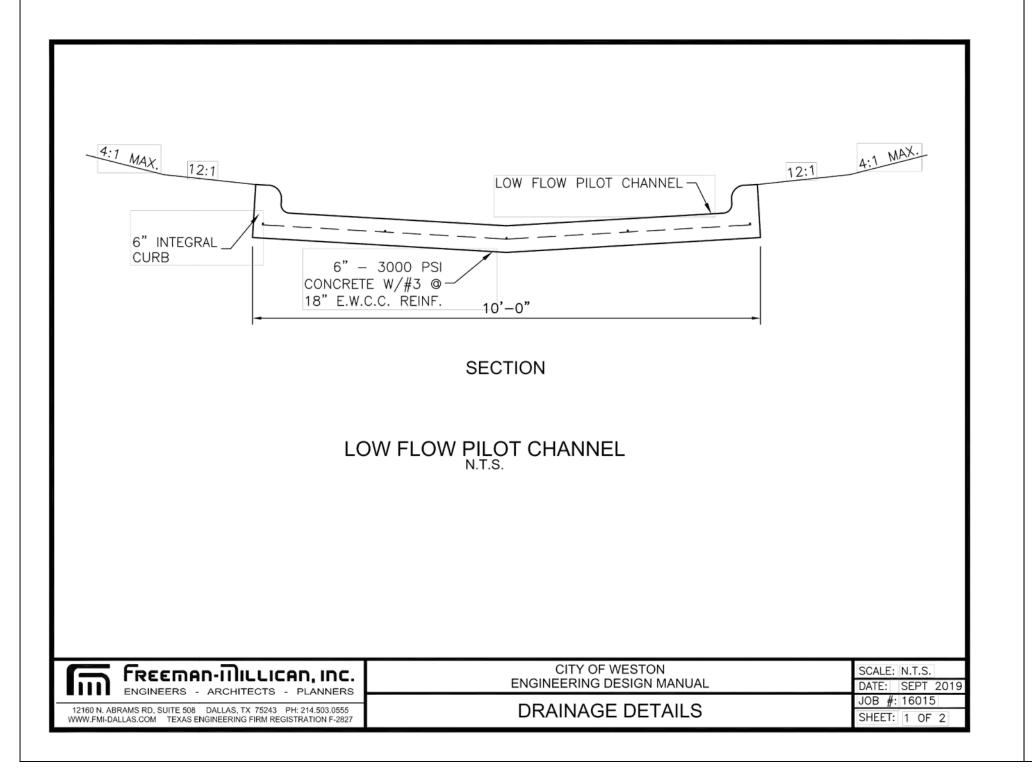
PAVING DETAILS

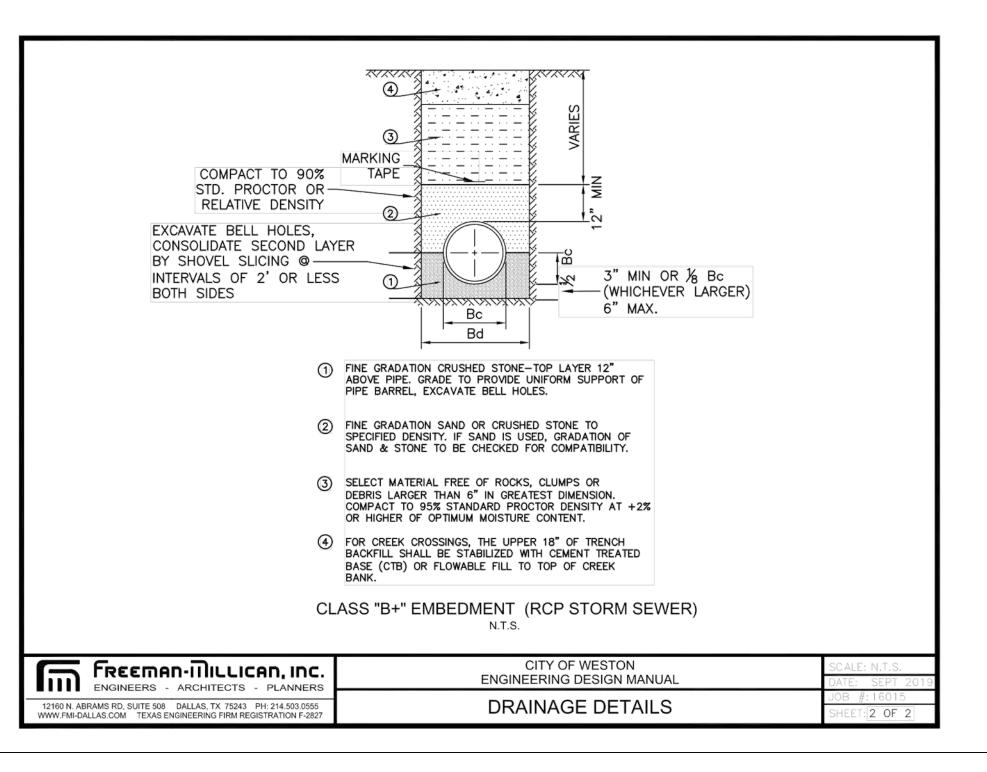
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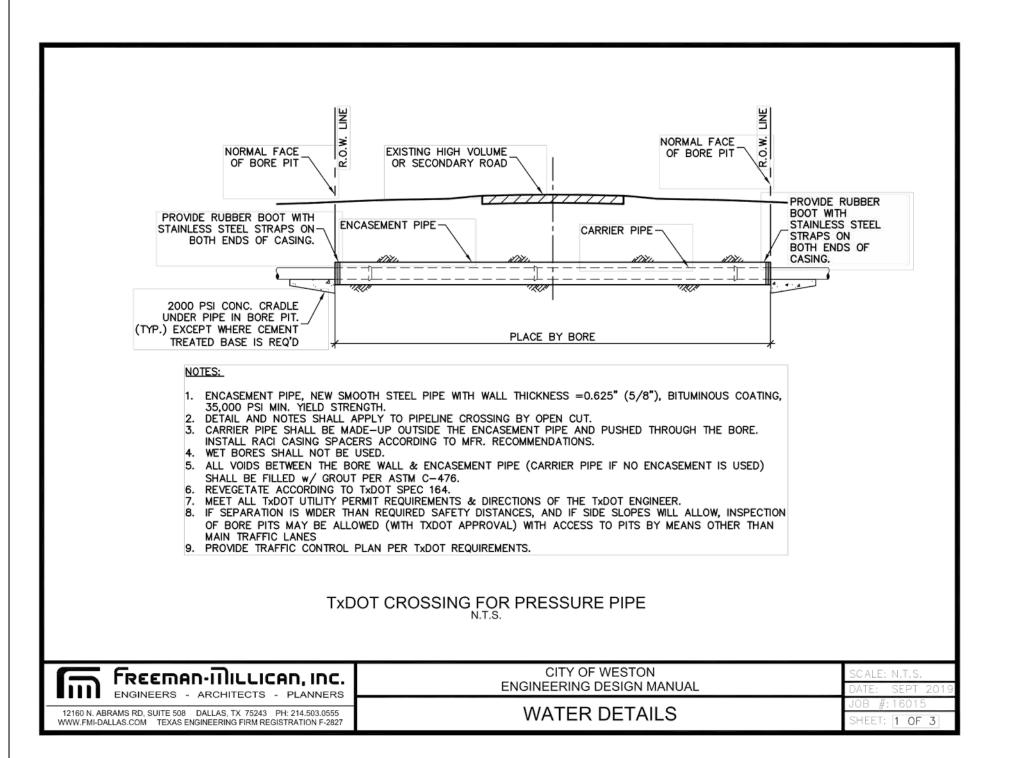
12160 N. ABRAMS RD, SUITE 508 DALLAS, TX 75243 PH: 214.503.0555 WWW.FMI-DALLAS.COM TEXAS ENGINEERING FIRM REGISTRATION F-282











Lewisville, Texas 75057 972. 436. 9712 201 Country View Drive Roanoke, Texas 76262 940. 240. 1012 TBPE: 19762 TBPLS: 10194440

MCADAMS

CT NO. 963

KAS

2A

ENETIAN

VENETIAN AT WESTON PHASE 2
VENETIAN AT WESTON PHASE 2
70.078 Acres
in the
J. WILSON SURVEY, ABSTRACT NO. 96:
CITY OF WESTON

TANDARD CONSTRUCTION DETAILS

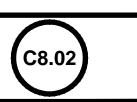
PRELIMINARY PLANS

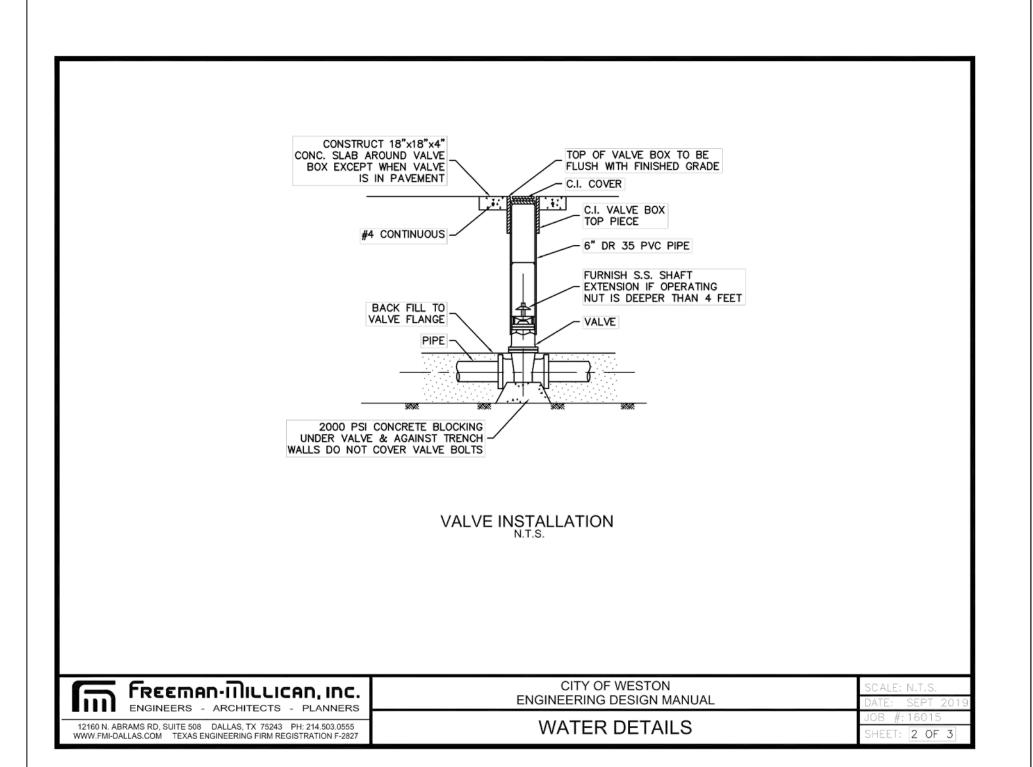
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MATTHEW G. ST. MARIE, P.E. #110326
DATE 3/7/2022

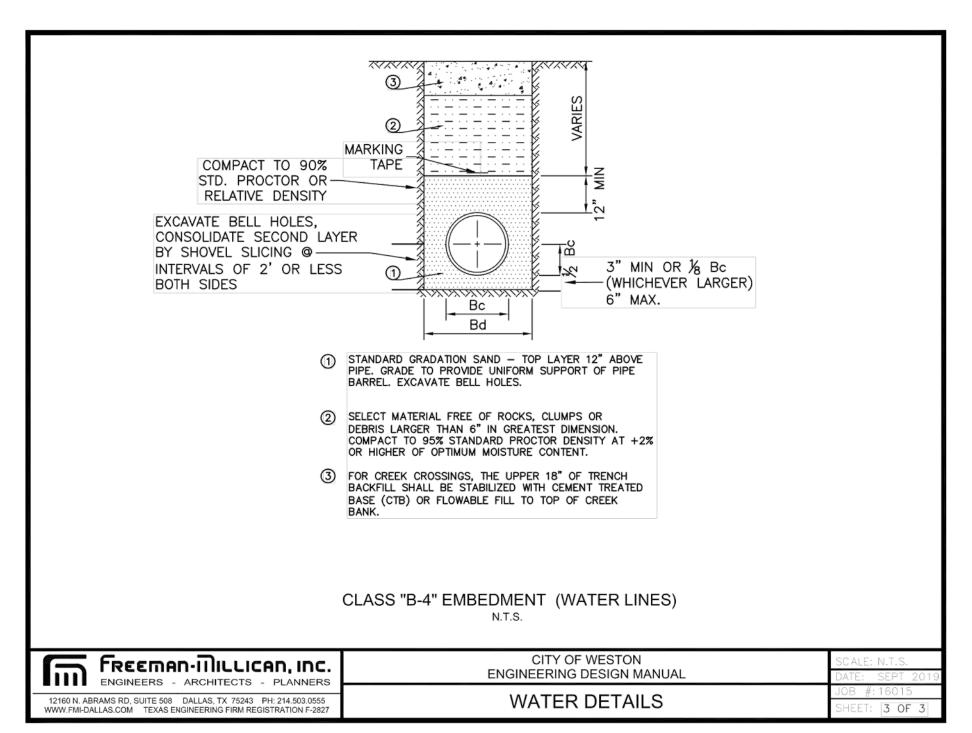
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Date: 03/07/2022
Scale: N.T.S.
Revisions:

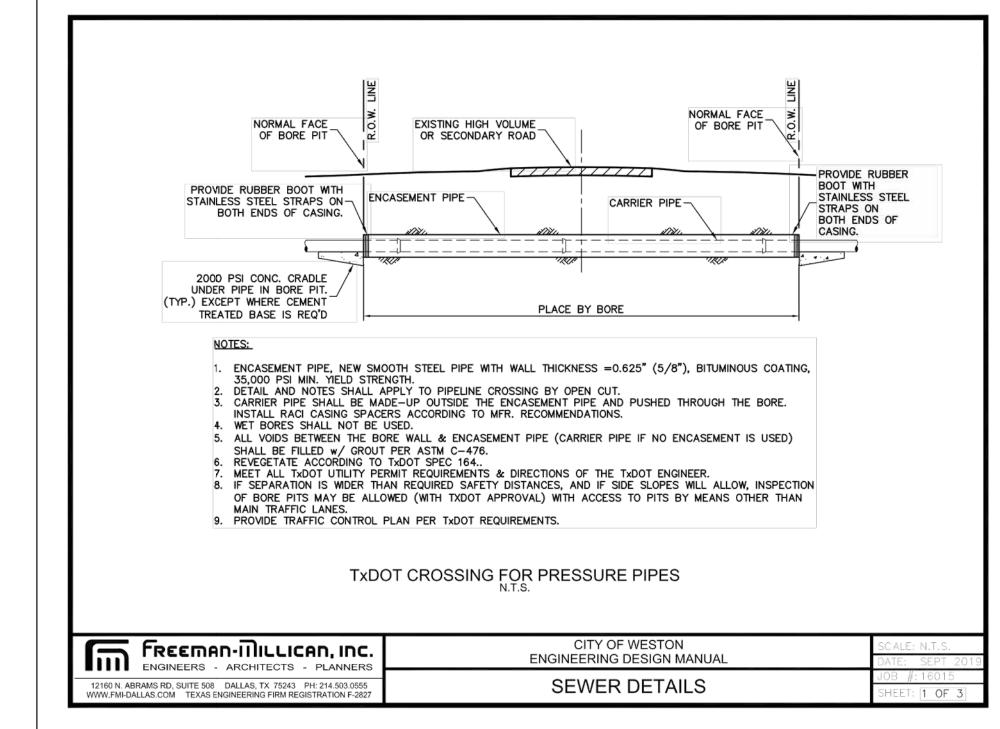
MEH21001

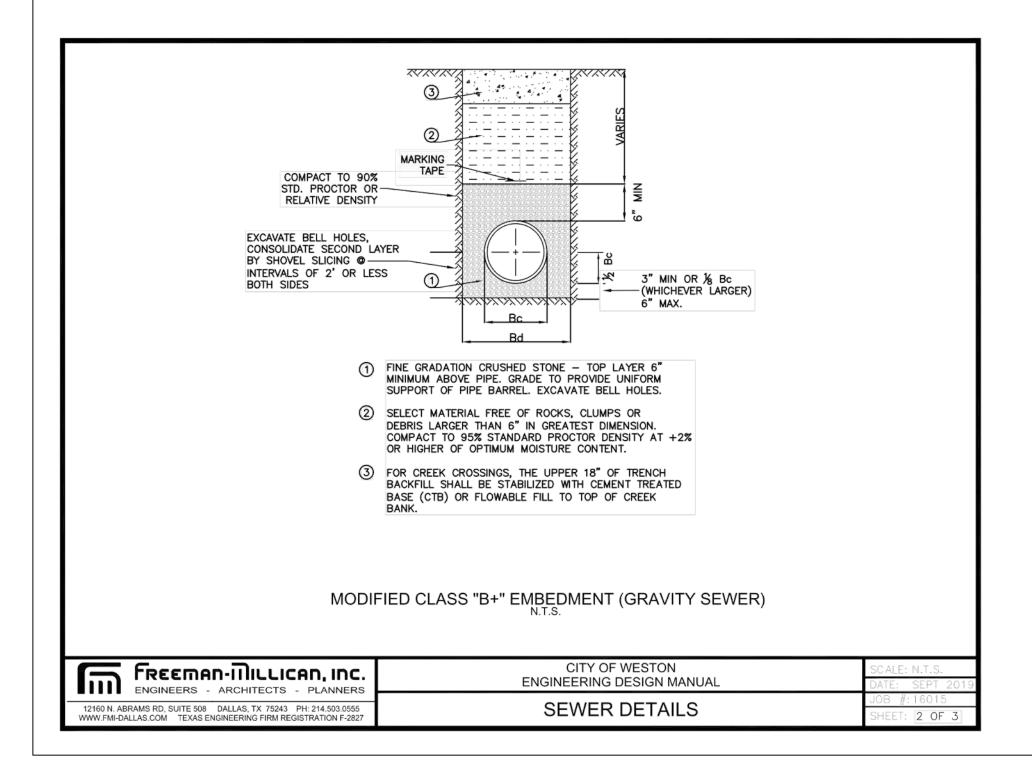
OWNER/DEVELOPER
MEGATEL HOMES
2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201

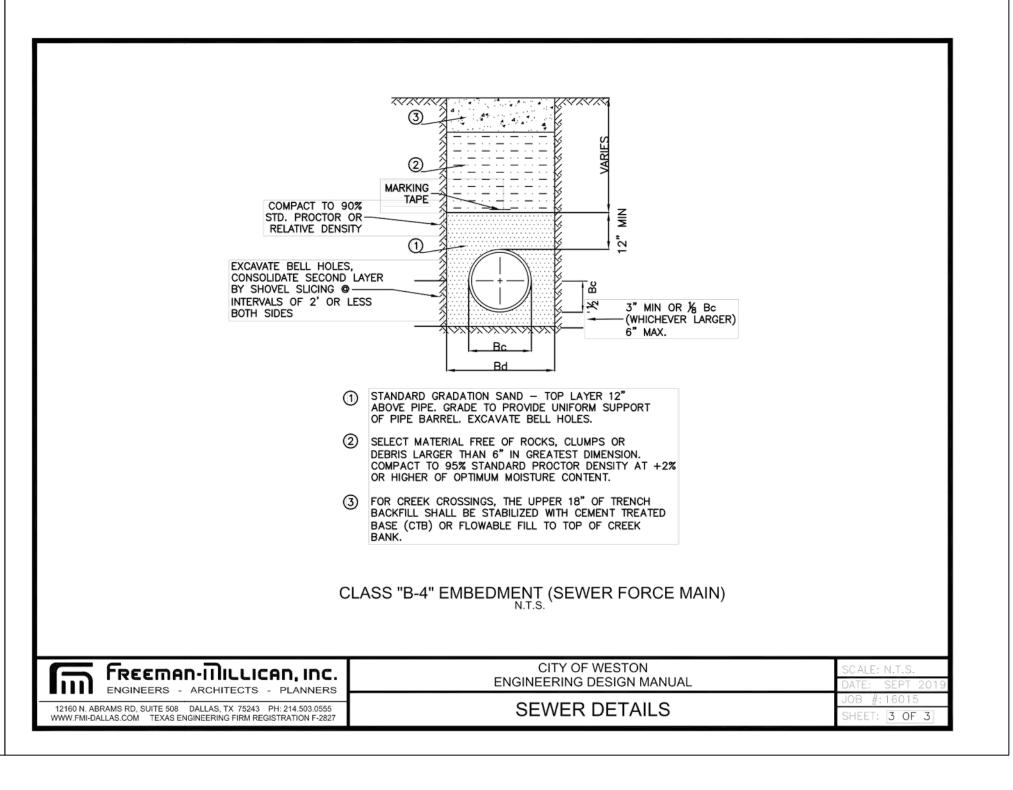












SE 2A

MCADAM

ENETIAN

VENETIAN AT WESTON PHASE 2A
VENETIAN AT WESTON PHASE 2A
70.078 Acres
in the
J. WILSON SURVEY, ABSTRACT NO. 963
CITY OF WESTON

FANDARD CONSTRUCTION DETAILS

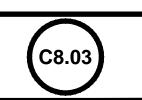
PRELIMINARY PLANS

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Drawn By: AR
Date: 03/07/2022
Scale: N.T.S.
Revisions:

MEH21001

OWNER/DEVELOPER
MEGATEL HOMES
2101 CEDAR SPRINGS RD.
DALLAS, TEXAS 75201



TCEQ WATER DISTRIBUTION SYSTEM **GENERAL CONSTRUCTION NOTES**

- This water distribution system must be constructed in accordance with the current Texas Commission on Environmental Quality (TCEQ) Rules and Regulations for Public Water Systems 30 Texas Administrative Code (TAC) Chapter 290 Subchapter D. When conflicts are noted with local standards, the more stringent requirement shall be applied. At a minimum, construction for public water systems must always meet TCEQ's "Rules and Regulations for Public Water Systems."
- All newly installed pipes and related products must conform to American National Standards Institute (ANSI)/NSF International Standard 61 and must be certified by an organization accredited by ANSI [§290.44(a)(1)].
- Plastic pipe for use in public water systems must bear the NSF International Seal of Approval (NSF-pw) and have an ASTM design pressure rating of at least 150 psi or a standard dimension ratio of 26 or less [§290.44(a)(2)].
- No pipe which has been used for any purpose other than the conveyance of drinking water shall be accepted or relocated for use in any public drinking water supply [§290.44(a)(3)].
- All water line crossings of wastewater mains shall be perpendicular [§290.44(e)(4)(B)].
- Water transmission and distribution lines shall be installed in accordance with the manufacturer's instructions. However, the top of the water line must be located below the frost line and in no case shall the top of the water line be less than 24 inches below ground surface [§290.44(a)(4)].
- 7. The maximum allowable lead content of pipes, pipe fittings, plumbing fittings, and fixtures is 0.25 percent [§290.44(b)].
- The contractor shall install appropriate air release devices with vent openings to the atmosphere covered with 16-mesh or finer, corrosion resistant screening material or an acceptable equivalent [§290.44(d)(1)].
- 9. The contractor shall not place the pipe in water or where it can be flooded with water or sewage during its storage or installation [§290.44(f)(1)].
- 10. When waterlines are laid under any flowing or intermittent stream or semi-permanent body of water the waterline shall be installed in a separate watertight pipe encasement. Valves must be provided on each side of the crossing with facilities to allow the underwater portion of the system to be isolated and tested [§290.44(f)(2)].

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11. Pursuant to 30 TAC §290.44(a)(5), the hydrostatic leakage rate shall not exceed the amount allowed or recommended by the most current AWWA formulas for PVC pipe, cast iron and ductile iron pipe. Include the formulas in the notes on the plans.

o The hydrostatic leakage rate for polyvinyl chloride (PVC) pipe and appurtenances shall not exceed the amount allowed or recommended by formulas in America Water Works Association (AWWA) C-605 as required in 30 TAC §290.44(a)(5). Please ensure that the formula for this calculation is correct and most current formula is in use;

$$Q = \frac{LD\sqrt{P}}{148.000}$$

- Q = the quantity of makeup water in gallons per hour
- L = the length of the pipe section being tested, in feet,
- D = the nominal diameter of the pipe in inches, and
- P = the average test pressure during the hydrostatic test in pounds per square
- The hydrostatic leakage rate for ductile iron (DI) pipe and appurtenances shall not exceed the amount allowed or recommended by formulas in America Water Works Association (AWWA) C-600 as required in 30 TAC §290.44(a)(5). Please ensure that the formula for this calculation is correct and most current formula is in use;

$$L = \frac{SD\sqrt{P}}{148,000}$$

Revised February 2019

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- L = the quantity of makeup water in gallons per hour,
- S = the length of the pipe section being tested, in feet,
- D = the nominal diameter of the pipe in inches, and
- P = the average test pressure during the hydrostatic test in pounds per square inch (psi).
- 12. The contractor shall maintain a minimum separation distance in all directions of nine feet between the proposed waterline and wastewater collection facilities including manholes. If this distance cannot be maintained, the contractor must immediately notify the project engineer for further direction. Separation distances, installation methods, and materials utilized must meet §290.44(e)(1)-(4).
- 13. The separation distance from a potable waterline to a wastewater main or lateral manhole or cleanout shall be a minimum of nine feet. Where the nine-foot separation distance cannot be achieved, the potable waterline shall be encased in a joint of at least 150 psi pressure class pipe at least 18 feet long and two nominal sizes larger than the new conveyance. The space around the carrier pipe shall be supported at five-foot intervals with spacers or be filled to the springline with washed sand. The encasement pipe shall be centered on the crossing and both ends sealed with cement grout or manufactured sealant [§290.44(e)(5)].
- 14. Fire hydrants shall not be installed within nine feet vertically or horizontally of any wastewater line, wastewater lateral, or wastewater service line regardless of construction [§290.44(e)(6)].

- Suction mains to pumping equipment shall not cross wastewater mains, wastewater laterals, or wastewater service lines. Raw water supply lines shall not be installed within five feet of any tile or concrete wastewater main, wastewater lateral, or wastewater service line [$\S 290.44(e)(7)$].
- 16. Waterlines shall not be installed closer than ten feet to septic tank drainfields
- 17. The contractor shall disinfect the new waterlines in accordance with AWWA Standard C-651-14 or most recent, then flush and sample the lines before being placed into service. Samples shall be collected for microbiological analysis to check the effectiveness of the disinfection procedure which shall be repeated if contamination persists. A minimum of one sample for each 1,000 feet of completed waterline will be required or at the next available sampling point beyond 1,000 feet as designated by the design engineer $[\S 290.44(f)(3)].$
- Dechlorination of disinfecting water shall be in strict accordance with current AWWA Standard C655-09 or most recent.

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Sheet __ of __. (For potential future laterals).

conforming with the provisions of 30 TAC §213.5(c)(3)(E).

collection system. Testing method will be:

(1) Low Pressure Air Test.

Equation C.3

conform to the following requirements:

Sheet __ of __.

If no stub-out is present an alternate method of joining laterals is shown in the detail on Plan

The private service lateral stub-outs must be installed as shown on the plan and profile sheets

for flexible pipe must comply with the standards of ASTM D-2321, Classes IA, IB, II or III.

Rigid pipe bedding must comply with the requirements of ASTM C 12 (ANSI A 106.2) classes

an existing stub or clean-out, it must be tested from existing manhole to new manhole. If a

stub or clean-out is used at the end of the proposed sewer line, no private service attachments

may be connected between the last manhole and the cleanout unless it can be certified as

copies of all test results which must be made available to the executive director upon request.

The engineer must certify in writing that all wastewater lines have passed all required testing

to the appropriate regional office within 30 days of test completion and prior to use of the new

(a) For a collection system pipe that will transport wastewater by gravity flow, the design

must specify an infiltration and exfiltration test or a low-pressure air test. A test must

(A) A low pressure air test must follow the procedures described in

tested as required by paragraph (2) of this subsection.

computed from the following equation:

director, except as to testing times as required in Table C.3 in

American Society For Testing And Materials (ASTM) C-828, ASTM C-

924, or ASTM F-1417 or other procedure approved by the executive

subparagraph (C) of this paragraph or Equation C.3 in subparagraph

For sections of collection system pipe less than 36 inch average inside

diameter, the following procedure must apply, unless a pipe is to be

(i) A pipe must be pressurized to 3.5 pounds per square inch (psi)

greater than the pressure exerted by groundwater above the

Once the pressure is stabilized, the minimum time allowable for

the pressure to drop from 3.5 psi gauge to 2.5 psi gauge is

on Plan Sheet __ of __ and marked after backfilling as shown in the detail on Plan

13. Trenching, bedding and backfill must conform with 30 TAC §217.54. The bedding and backfill

14. Sewer lines must be tested from manhole to manhole. When a new sewer line is connected to

15. All sewer lines must be tested in accordance with 30 TAC §217.57. The engineer must retain

Texas Commission on Environmental Quality Organized Sewage Collection System

Revised February 2019

Edwards Aquifer Protection Program Construction Notes - Legal Disclaimer

General Construction Notes

The following/listed "construction notes" are intended to be advisory in nature only and do not constitute an approval or conditional approval by the Executive Director, nor do they constitute a comprehensive listing of rules or conditions to be followed during construction. Further actions may be required to achieve compliance with TCEQ regulations found in Title 30, Texas Administrative Code, Chapters 213 and 217, as well as local ordinances and regulations providing for the protection of water quality. Additionally, nothing contained in the following/listed "construction notes" restricts the powers of the Executive Director, the commission or any other governmental entity to prevent, correct, or curtail activities that result or may result in pollution of the Edwards Aquifer or hydrologically connected surface waters. The holder of any Edwards Aquifer Protection Plan containing "construction notes" is still responsible for compliance with Title 30, Texas Administrative Code, Chapters 213 or any other applicable TCEQ regulation, as well as all conditions of an Edwards Aquifer Protection Plan through all phases of plan implementation. Failure to comply with any condition of the Executive Director's approval, whether or not in contradiction of any "construction notes," is a violation of TCEQ regulations and any violation is subject to administrative rules, orders, and penalties as provided under Title 30, Texas Administrative Code § 213.10 (relating to Enforcement). Such violations may also be subject to civil penalties and injunction. The following/listed "construction notes" in no way represent an approved exception by the Executive Director to any part of Title 30 Texas Administrative Code, Chapters 213 and 217, or any other TCEQ applicable regulation.

- This Organized Sewage Collection System (SCS) must be constructed in accordance with 30 Texas Administrative Code (TAC) §213.5(c), the Texas Commission on Environmental Quality's (TCEQ) Edwards Aquifer Rules and any local government standard specifications.
- 2. All contractors conducting regulated activities associated with this proposed regulated project must be provided with copies of the SCS plan and the TCEQ letter indicating the specific conditions of its approval. During the course of these regulated activities, the contractors must be required to keep on-site copies of the plan and the approval letter.
- 3. A written notice of construction must be submitted to the presiding TCEQ regional office at least 48 hours prior to the start of any regulated activities. This notice must include:
 - the name of the approved project;

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- the activity start date; and - the contact information of the prime contractor.
- 4. Any modification to the activities described in the referenced SCS application following the date of approval may require the submittal of an SCS application to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval.
- 5. Prior to beginning any construction activity, all temporary erosion and sedimentation (E&S) control measures must be properly installed and maintained in accordance with the manufacturers specifications. These controls must remain in place until the disturbed areas have been permanently stabilized.
- 6. If any sensitive features are discovered during the wastewater line trenching activities, all regulated activities near the sensitive feature must be suspended immediately. The applicant must immediately notify the appropriate regional office of the TCEQ of the feature discovered. A geologist's assessment of the location and extent of the feature discovered must be reported to that regional office in writing and the applicant must submit a plan for ensuring the structural integrity of the sewer line or for modifying the proposed collection system alignment around the feature. The regulated activities near the sensitive feature may not proceed until the

executive director has reviewed and approved the methods proposed to protect the sensitive feature and the Edwards Aquifer from any potentially adverse impacts to water quality while maintaining the structural integrity of the line.

Page **2** of **3**

Page 2 of 6

- Sewer lines located within or crossing the 5-year floodplain of a drainage way will be protected from inundation and stream velocities which could cause erosion and scouring of backfill. The trench must be capped with concrete to prevent scouring of backfill, or the sewer lines must be encased in concrete. All concrete shall have a minimum thickness of 6 inches.
- Blasting procedures for protection of existing sewer lines and other utilities will be in accordance with the National Fire Protection Association criteria. Sand is not allowed as bedding or backfill in trenches that have been blasted. If any existing sewer lines are damaged, the lines must be repaired and retested.
- All manholes constructed or rehabilitated on this project must have watertight size on size resilient connectors allowing for differential settlement. If manholes are constructed within the 100-year floodplain, the cover must have a gasket and be bolted to the ring. Where gasketed manhole covers are required for more than three manholes in sequence or for more than 1500 feet, alternate means of venting will be provided. Bricks are not an acceptable construction material for any portion of the manhole.

The diameter of the manholes must be a minimum of four feet and the manhole for entry must have a minimum clear opening diameter of 30 inches. These dimensions and other details showing compliance with the commission's rules concerning manholes and sewer line/manhole inverts described in 30 TAC §217.55 are included on Plan Sheet __ of __.

It is suggested that entrance into manholes in excess of four feet deep be accomplished by means of a portable ladder. The inclusion of steps in a manhole is prohibited.

- Where water lines and new sewer line are installed with a separation distance closer than nine feet (i.e., water lines crossing wastewater lines, water lines paralleling wastewater lines, or water lines next to manholes) the installation must meet the requirements of 30 TAC §217.53(d) (Pipe Design) and 30 TAC §290.44(e) (Water Distribution).
- 11. Where sewers lines deviate from straight alignment and uniform grade all curvature of sewer pipe must be achieved by the following procedure which is recommended by the pipe manufacturer: _____

If pipe flexure is proposed, the following method of preventing deflection of the joint must be

Specific care must be taken to ensure that the joint is placed in the center of the trench and properly bedded in accordance with 30 TAC §217.54.

12. New sewage collection system lines must be constructed with stub outs for the connection of anticipated extensions. The location of such stub outs must be marked on the ground such that their location can be easily determined at the time of connection of the extensions. Such stub outs must be manufactured wyes or tees that are compatible in size and material with both the sewer line and the extension. At the time of original construction, new stub-outs must be constructed sufficiently to extend beyond the end of the street pavement. All stub-outs must be sealed with a manufactured cap to prevent leakage. Extensions that were not anticipated at the time of original construction or that are to be connected to an existing sewer line not furnished with stub outs must be connected using a manufactured saddle and in accordance with accepted plumbing techniques.

(B)(ii) of this paragraph.

T = time for pressure to drop 1.0 pound per square inch gauge in

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K = 0.000419 X D X L, but not less than 1.0

 $0.085 \times D \times K$

D = average inside pipe diameter in inches

TCEQ-0596 (Rev. July 15, 2015)

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Contact: MR. ZACH IPOUR

VENETIAN VENETIA

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PRELIMINARY PLANS

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Revisions:

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L = length of line of same size being tested, in feet the infiltration or exfiltration to an amount within the limits specified. An rate of loss, 0.0015 cubic feet per minute per square foot internal owner shall retest a pipe following a remediation action. (b) If a gravity collection pipe is composed of flexible pipe, deflection testing is also

> required. The following procedures must be followed: (1) For a collection pipe with inside diameter less than 27 inches, deflection

> > A rigid mandrel must have an outside diameter (OD) not less than 95% of the base inside diameter (ID) or average ID of a pipe, as specified in the appropriate standard by the ASTMs, American Water Works Association, UNI-BELL, or American National Standards Institute, or any related appendix.

controlled pipe and the average inside diameter for ID controlled pipe.

All dimensions must meet the appropriate standard.

A rigid mandrel must be constructed of a metal or a rigid plastic material that can withstand 200 psi without being deformed.

A barrel section length must equal at least 75% of the inside

Each size mandrel must use a separate proving ring.

(2) For a gravity collection system pipe with an inside diameter 27 inches and greater, other test methods may be used to determine vertical deflection.

A deflection test method must be accurate to within plus or minus 0.2%

backfill. Gravity collection system pipe deflection must not exceed five percent (5%). If a pipe section fails a deflection test, an owner shall correct the problem and

16. All manholes must be tested to meet or exceed the requirements of 30 TAC §217.58.

(1) Hydrostatic Testing.

0.855 1.520 298 2.374 239 199 3.419 159 5.342 7.693 133 10.471 114 100 13.676 17.309

Minimum Time (feet) | Longer Length

Time for

(seconds/foot)

30 1700 21.369 33 1870 25.856 An owner may stop a test if no pressure loss has occurred during the

testing period, then the test must continue for the entire test duration as outlined above or until failure. Wastewater collection system pipes with a 27 inch or larger average

If any pressure loss or leakage has occurred during the first 25% of a

exceed 50 gallons per inch of diameter per mile of pipe per 24 hours at

minimum test head of two feet above the crown of a pipe at an upstream

Since a K value of less than 1.0 may not be used, the minimum testing

time for each pipe diameter is shown in the following Table C.3:

Minimum Time | Maximum Length for

(seconds)

340

454

567

680

850

1020

1190

1360

1530

first 25% of the calculated testing time.

Pipe Diameter (inches)

10

12

15

18

21

24

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inside diameter may be air tested at each joint instead of following the procedure outlined in this section. A testing procedure for pipe with an inside diameter greater than 33

inches must be approved by the executive director. Infiltration/Exfiltration Test. (A) The total exfiltration, as determined by a hydrostatic head test, must not

upstream manhole. An owner shall use an infiltration test in lieu of an exfiltration test when pipes are installed below the groundwater level. The total exfiltration, as determined by a hydrostatic head test, must not exceed 50 gallons per inch diameter per mile of pipe per 24 hours at a

a minimum test head of 2.0 feet above the crown of a pipe at an

manhole, or at least two feet above existing groundwater level, whichever is greater. For construction within a 25-year flood plain, the infiltration or exfiltration must not exceed 10 gallons per inch diameter per mile of pipe per 24 hours at the same minimum test head as in subparagraph (C) of this

If the quantity of infiltration or exfiltration exceeds the maximum quantity specified, an owner shall undertake remedial action in order to reduce

TCEQ-0596 (Rev. July 15, 2015)

measurement requires a rigid mandrel.

(A) Mandrel Sizing.

If a mandrel sizing diameter is not specified in the appropriate standard, the mandrel must have an OD equal to 95% of the ID of a pipe. In this case, the ID of the pipe, for the purpose of determining the OD of the mandrel, must equal be the average outside diameter minus two minimum wall thicknesses for OD

Mandrel Design.

A mandrel must have nine or more odd number of runners or

diameter of a pipe.

An adjustable or flexible mandrel is prohibited. A test may not use television inspection as a substitute for a deflection test.

If requested, the executive director may approve the use of a deflectometer or a mandrel with removable legs or runners on a case-by-case basis.

An owner shall not conduct a deflection test until at least 30 days after the final

conduct a second test after the final backfill has been in place at least 30 days.

(a) All manholes must pass a leakage test. An owner shall test each manhole (after assembly and backfilling) for leakage, separate and independent of the collection system pipes, by hydrostatic exfiltration testing, vacuum testing, or other method approved by the executive director.

Page 5 of 6

(A) The maximum leakage for hydrostatic testing or any alternative test methods is 0.025 gallons per foot diameter per foot of manhole depth

(B) To perform a hydrostatic exfiltration test, an owner shall seal all wastewater pipes coming into a manhole with an internal pipe plug, fill the manhole with water, and maintain the test for at least one hour.

(C) A test for concrete manholes may use a 24-hour wetting period before testing to allow saturation of the concrete.

(2) Vacuum Testing. (A) To perform a vacuum test, an owner shall plug all lift holes and exterior joints with a non-shrink grout and plug all pipes entering a manhole.

No grout must be placed in horizontal joints before testing. (C) Stub-outs, manhole boots, and pipe plugs must be secured to prevent movement while a vacuum is drawn.

An owner shall use a minimum 60 inch/lb torque wrench to tighten the external clamps that secure a test cover to the top of a manhole.

(E) A test head must be placed at the inside of the top of a cone section, and the seal inflated in accordance with the manufacturer's recommendations.

(F) There must be a vacuum of 10 inches of mercury inside a manhole to perform a valid test.

A test does not begin until after the vacuum pump is off.

(H) A manhole passes the test if after 2.0 minutes and with all valves closed, the vacuum is at least 9.0 inches of mercury.

All private service laterals must be inspected and certified in accordance with 30 TAC §213.5(c)(3)(I). After installation of and, prior to covering and connecting a private service lateral to an existing organized sewage collection system, a Texas Licensed Professional Engineer, Texas Registered Sanitarian, or appropriate city inspector must visually inspect the private service lateral and the connection to the sewage collection system, and certify that it is constructed in conformity with the applicable provisions of this section. The owner of the collection system must maintain such certifications for five years and forward copies to the appropriate regional office upon request. Connections may only be made to an approved sewage collection system.

Austin Regional Office	San Antonio Regional Office
12100 Park 35 Circle, Building A	14250 Judson Road
Austin, Texas 78753-1808	San Antonio, Texas 78233-4480
Phone (512) 339-2929	Phone (210) 490-3096
Fax (512) 339-3795	Fax (210) 545-4329

THESE GENERAL CONSTRUCTION NOTES MUST BE INCLUDED ON THE CONSTRUCTION PLANS PROVIDED TO THE CONTRACTOR AND ALL SUBCONTRACTORS.

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