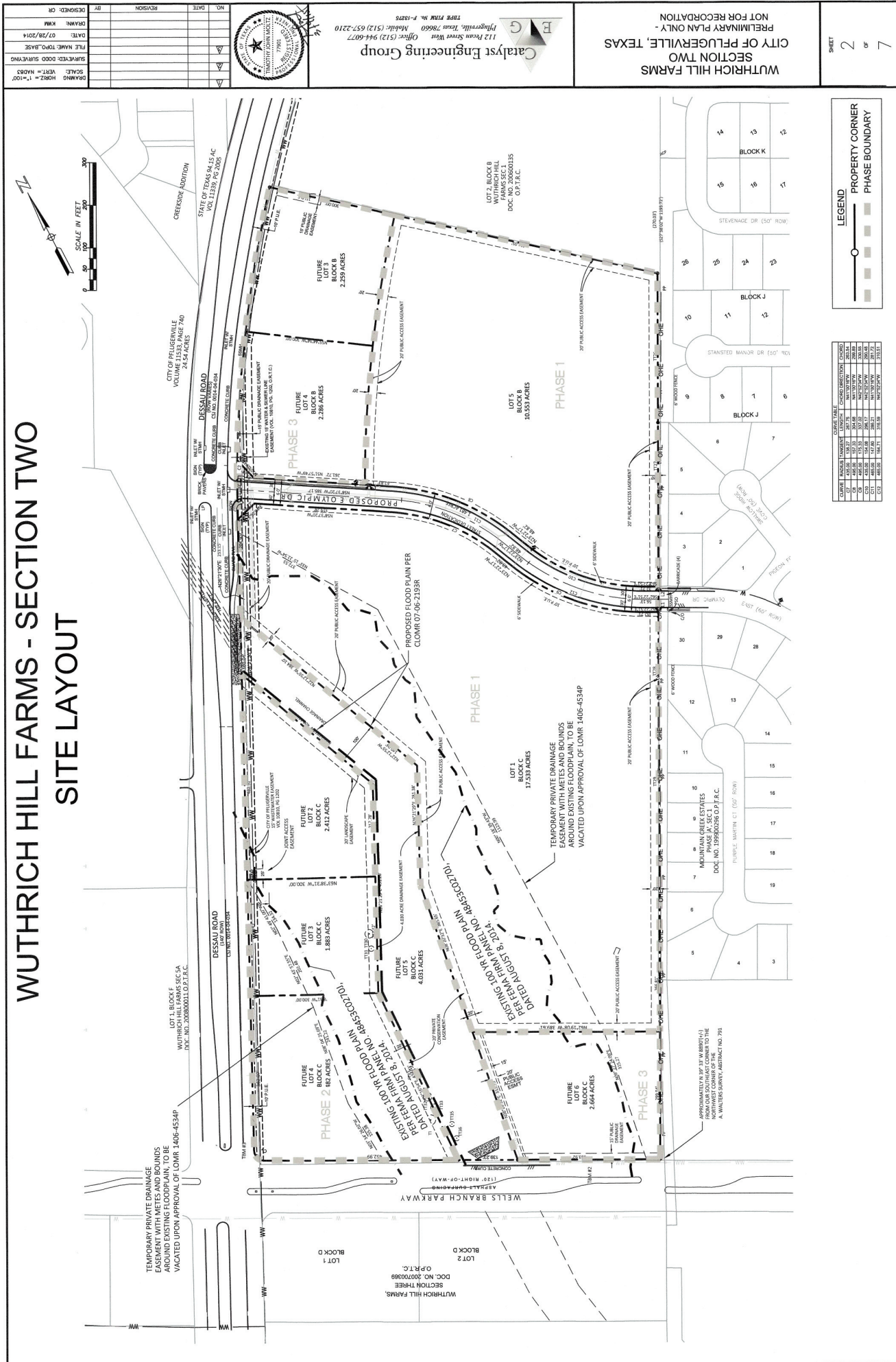


WUTHRICH HILL FARMS - SECTION TWO SITE LAYOUT



CORNER	INCHES	FEET	DEGREES	DIRECTION	CHAINED
1	43.00	18.00	90.00	N	180.00
2	43.00	18.00	90.00	E	180.00
3	43.00	18.00	90.00	S	180.00
4	43.00	18.00	90.00	W	180.00
5	43.00	18.00	90.00	N	180.00
6	43.00	18.00	90.00	E	180.00
7	43.00	18.00	90.00	S	180.00
8	43.00	18.00	90.00	W	180.00
9	43.00	18.00	90.00	N	180.00
10	43.00	18.00	90.00	E	180.00
11	43.00	18.00	90.00	S	180.00
12	43.00	18.00	90.00	W	180.00
13	43.00	18.00	90.00	N	180.00
14	43.00	18.00	90.00	E	180.00
15	43.00	18.00	90.00	S	180.00
16	43.00	18.00	90.00	W	180.00
17	43.00	18.00	90.00	N	180.00
18	43.00	18.00	90.00	E	180.00
19	43.00	18.00	90.00	S	180.00
20	43.00	18.00	90.00	W	180.00
21	43.00	18.00	90.00	N	180.00
22	43.00	18.00	90.00	E	180.00
23	43.00	18.00	90.00	S	180.00
24	43.00	18.00	90.00	W	180.00
25	43.00	18.00	90.00	N	180.00
26	43.00	18.00	90.00	E	180.00
27	43.00	18.00	90.00	S	180.00
28	43.00	18.00	90.00	W	180.00
29	43.00	18.00	90.00	N	180.00
30	43.00	18.00	90.00	E	180.00
31	43.00	18.00	90.00	S	180.00
32	43.00	18.00	90.00	W	180.00
33	43.00	18.00	90.00	N	180.00
34	43.00	18.00	90.00	E	180.00
35	43.00	18.00	90.00	S	180.00
36	43.00	18.00	90.00	W	180.00
37	43.00	18.00	90.00	N	180.00
38	43.00	18.00	90.00	E	180.00
39	43.00	18.00	90.00	S	180.00
40	43.00	18.00	90.00	W	180.00
41	43.00	18.00	90.00	N	180.00
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43	43.00	18.00	90.00	S	180.00
44	43.00	18.00	90.00	W	180.00
45	43.00	18.00	90.00	N	180.00
46	43.00	18.00	90.00	E	180.00
47	43.00	18.00	90.00	S	180.00
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67	43.00	18.00	90.00	S	180.00
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71	43.00	18.00	90.00	S	180.00
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83	43.00	18.00	90.00	S	180.00
84	43.00	18.00	90.00	W	180.00
85	43.00	18.00	90.00	N	180.00
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98	43.00	18.00	90.00	E	180.00
99	43.00	18.00	90.00	S	180.00
100	43.00	18.00	90.00	W	180.00

LEGEND
PROPERTY CORNER
PHASE BOUNDARY

SHEET
2
1

WUTHRICH HILL FARMS
SECTION TWO
CITY OF PFLUGERVILLE, TEXAS
PRELIMINARY PLAN ONLY -
NOT FOR RECORDATION

Catalyst Engineering Group
112 West Street West
Pflugerville, Texas 78660
Office: (512) 944-6077
Mobile: (512) 657-2210
TDR FIRM No. P-15878



NO.	DATE	REVISION
1	07/28/2014	DATE
2	07/28/2014	DATE
3	07/28/2014	DATE
4	07/28/2014	DATE
5	07/28/2014	DATE
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99	07/28/2014	DATE
100	07/28/2014	DATE



LOCATION MAP
NOT TO SCALE

[illegible]

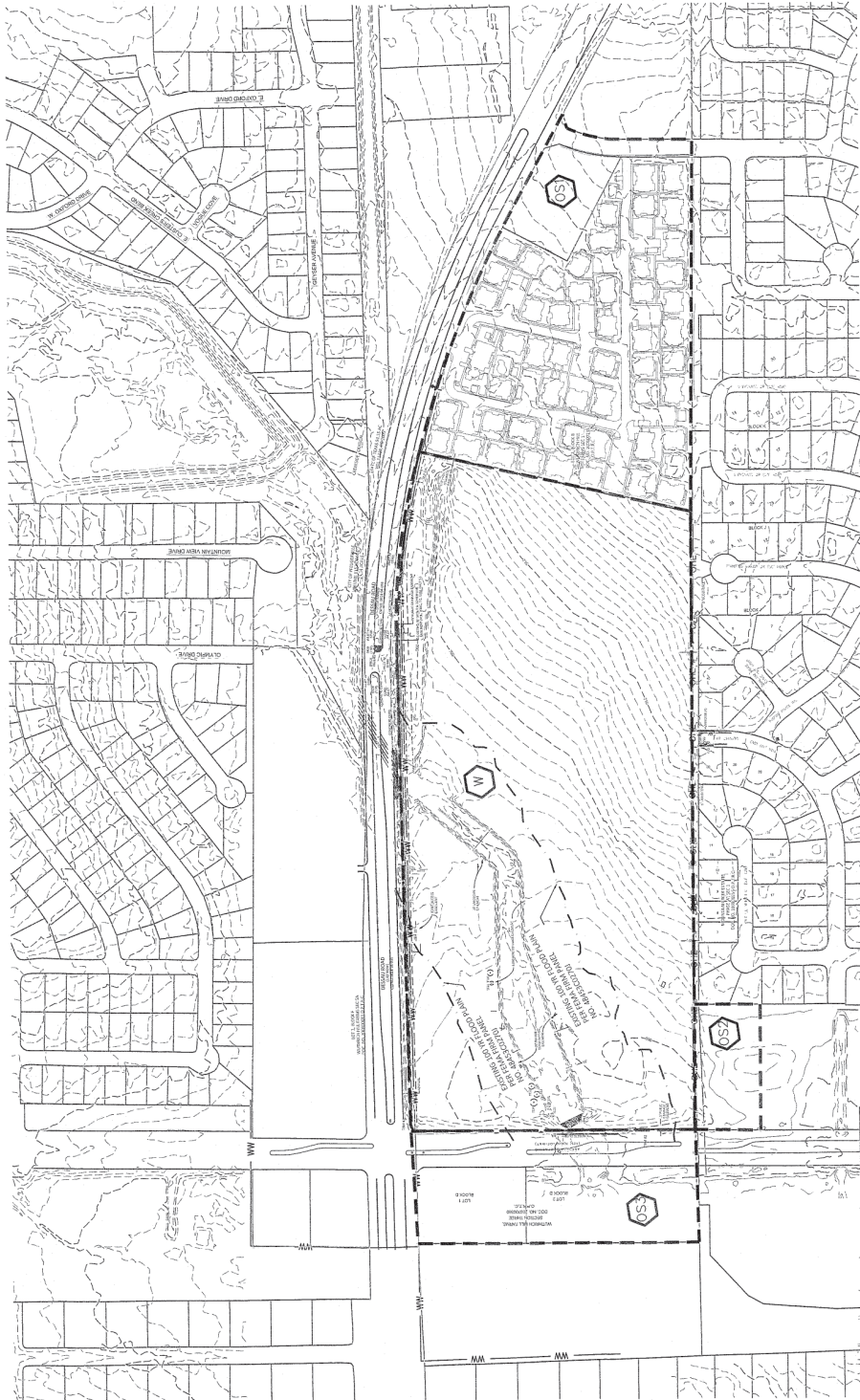
TREE TABLE	
TAG	DESCRIPTION
T1256	9 POST OAK
T127	9 TWIN POST OAK
T128	9 POST OAK
T172	8 LIVE OAK
T1750	19 CEDAR LIM
T133	13 CEDAR LIM
T132	20 WHITE PINS W/LIM
T133	21 WHITE PINS W/LIM
T134	24 WHITE PINS W/LIM
T175	12 CEDAR LIM
T139	12 WHITE PINS W/LIM
T137	10 TWIN CEDAR LIM

LINE TABLE		
LINE	HEAVY	DIST.
L1	52°37'56"W	30.00'
L2	52°37'56"W	30.50'
L3	N26°21'29"E	23.12'
L4	N26°20'33"E	13.00'

[illegible]

CONSTRUCTION IN PROGRESS AT THE TIME OF SURVEY.

A PORTION OF THIS TRACT IS WITHIN THE BOUNDARIES OF THE 100-YEAR FLOOD PLAIN. ON ANY WATERWAY THAT IS WITHIN THE LIMITS OF STUDY OF THE FEDERAL FLOOD INSURANCE ADMINISTRATION, FIRM PANEL NO. 48453C0250H, DATED SEPTEMBER 26, 2008 FOR TRAVIS COUNTY, TEXAS, IT SHOWS LETTERB.



Area	Area	Inspec.	Round Core Elements			Sheet Pile ^a			Shoring Corrugated Piles ^b				Q2		Q100	Remarks		
			Inspec.	Area	Core	Perim.	Length	Mass/m ³	Spec. W ^c	Spec. To	Length	Spec. To	Spec. To	Spec. To			Y ^d	Z ^e
OS1	20.62	15.38	513	98	60	94	160	0.015	3.44	0.010	1.88	1,810	0.018	13.18	47.53	112.77	13.75	fully developed conditions
OS2	20.62	15.38	513	98	60	94	160	0.015	3.44	0.010	1.88	1,810	0.018	13.18	47.53	112.77	13.75	fully developed conditions
OS3	20.62	15.38	513	98	60	94	160	0.015	3.44	0.010	1.88	1,810	0.018	13.18	47.53	112.77	13.75	fully developed conditions
OS4	20.62	15.38	513	98	60	94	160	0.015	3.44	0.010	1.88	1,810	0.018	13.18	47.53	112.77	13.75	fully developed conditions
OS5	20.62	15.38	513	98	60	94	160	0.015	3.44	0.010	1.88	1,810	0.018	13.18	47.53	112.77	13.75	fully developed conditions
OS6	2.07	1.74	0.33	98	60	95	90	0.01	3.44	0.030	1.23	2,640	0.020	1.06	3.00	8.55	54.47	fully developed conditions

WUTHRICH HILL FARMS SECTION 2 - PRELIMINARY PLAT
DRAINAGE CALCULATIONS

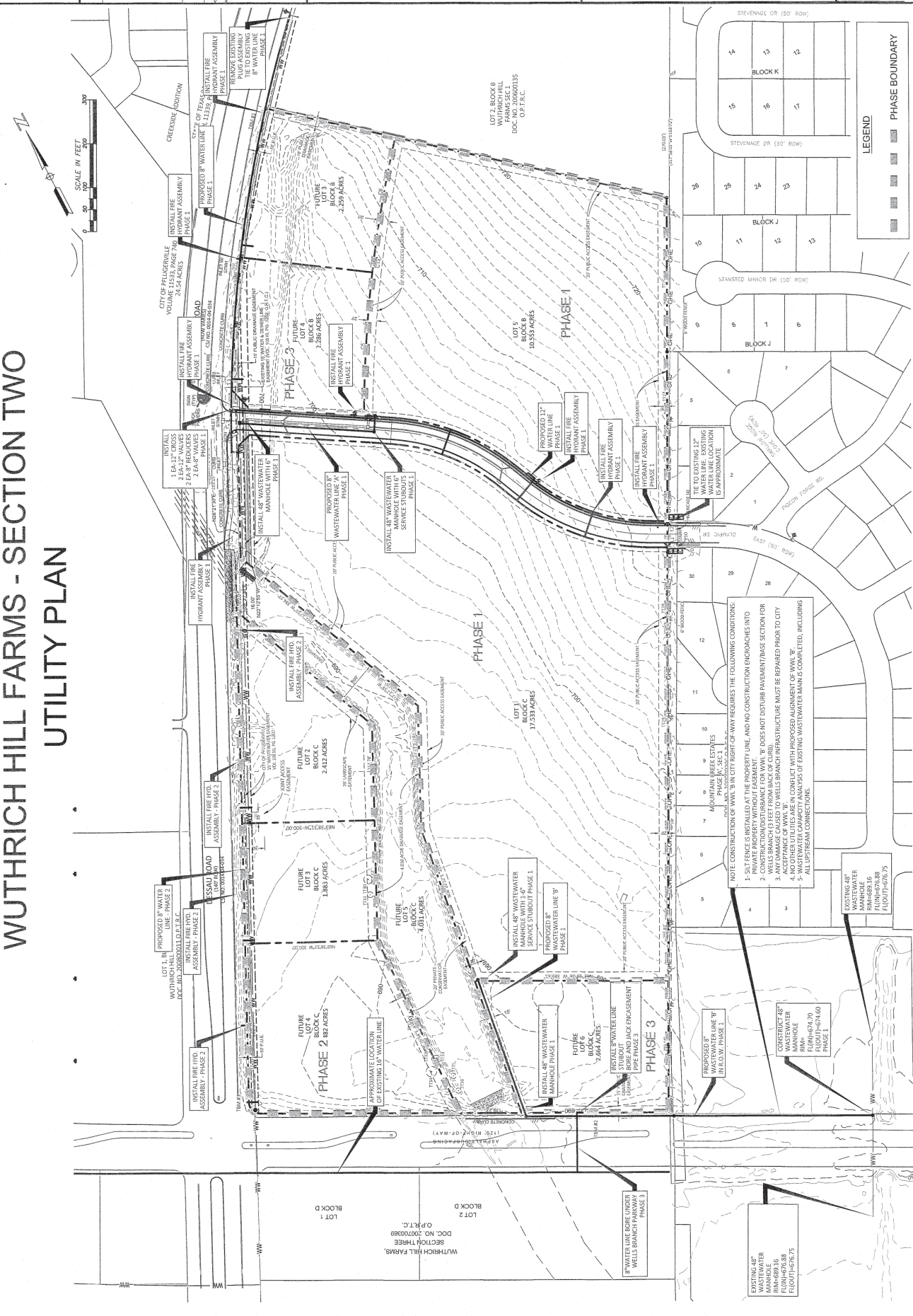
TOPOGRAPHIC SURVEY
OVER A PORTION OF THE PROPOSED WUTTRICH HILL FARMS-SECTION TWO,
BEING A PORTION OF THAT CERTAIN REMAINDER OF 135.00 ACRES
CONVEYED IN THE DEED TO OTTO WUTTRICH, RECORDED IN
VOLUME 2458, PAGE 312 OF THE DEED RECORDS OF TRAVIS COUNTY, TEXAS.

NO.	DATE	REVISION	BY	DESCRIPTION
				DESIGNED: CM
				DRAWN: KMM
				DATE: 07/28/2014
				TITLE NAME: TOP-O-BASE
				SURVEYED: DODD SURVEYING
				SCALE: HORIZ. = 1"=100'
				DRAWING NO.: 14-003

Catalyst Engineering Group
112 Beech Street West
Pittsford, Texas 78660
Office: (512) 944-6077
Mobile: (512) 657-2210
TAPE PLS# no. P-12875

WUTHRICH HILL FARMS
SECTION TWO
CITY OF PFLUGERVILLE, TEXAS
PRELIMINARY PLAN ONLY -
NOT FOR RECORDATION

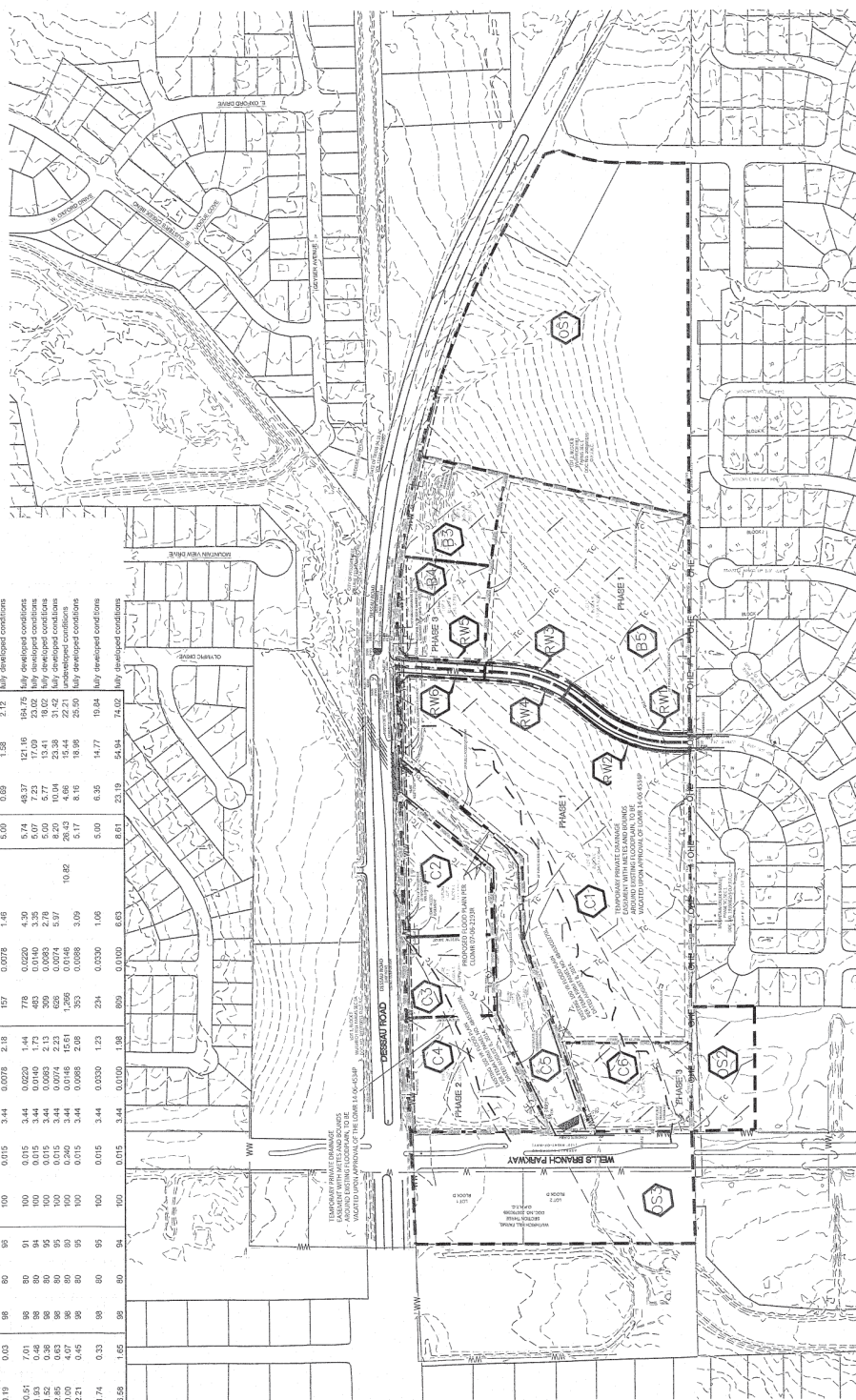
SHEET 4 OF 7



WUTHRICH HILL FARMS - SECTION TWO DRAINAGE PLAN

WUTHRICH HILL FARMS SECTION 2 - PRELIMINARY PLAN
DRAINAGE CALCULATIONS

Area No.	Area (ac.)	Inlets (in.)	Perc. Cover (%)	Round Curve		Prec. Cover		Street Flow			Shadow Concentrated Flow				Total T ₀ +1 (min)	Q ₂ (cfs)	Q ₅₀ (cfs)	Remarks		
				Area (sq. ft.)	Comp. (%)	Area (sq. ft.)	Comp. (%)	Length (ft.)	Manning's "n"	P ₂ (%)	Slope (ft./ft.)	T ₀ (min)	Length (ft.)	Slope (ft./ft.)					T ₀ (min)	T ₀ +1 (min)
B3	2.28	1.33	1.33	98	95	98	95	100	0.015	3.44	0.0220	1.84	351	0.0220	1.84	5.93	16.13	21.67	fully developed conditions	
B4	2.29	1.41	0.41	98	95	98	95	100	0.015	3.44	0.0220	1.64	337	0.0220	1.18	5.93	16.13	21.95	fully developed conditions	
B5	10.55	6.33	4.22	98	90	95	90	100	0.015	3.44	0.0220	1.35	754	0.0220	3.91	5.34	29.13	72.98	99.21	fully developed conditions
B6	0.31	0.27	0.04	98	95	98	95	100	0.015	3.44	0.0180	1.53	345	0.0180	2.11	5.00	0.97	2.22	2.98	fully developed conditions
B7	0.32	0.28	0.04	98	95	98	95	100	0.015	3.44	0.0180	1.50	340	0.0180	2.26	5.00	1.01	2.29	3.08	fully developed conditions
B8	0.21	0.17	0.05	98	95	98	95	100	0.015	3.44	0.0180	1.50	340	0.0180	2.26	5.00	1.01	2.29	3.08	fully developed conditions
B9	0.19	0.17	0.02	98	95	98	95	100	0.015	3.44	0.0180	1.50	340	0.0180	2.26	5.00	0.99	1.36	1.83	fully developed conditions
B10	0.22	0.19	0.05	98	95	98	95	100	0.015	3.44	0.0190	1.84	362	0.020	1.21	5.00	0.69	1.58	2.12	fully developed conditions
C1	17.92	10.51	7.01	98	95	98	95	100	0.015	3.44	0.0220	1.18	157	0.0220	1.46	5.00	0.69	1.58	2.12	fully developed conditions
C2	1.83	1.52	0.31	98	95	98	95	100	0.015	3.44	0.0220	1.44	178	0.0220	4.30	5.74	48.37	121.16	194.75	fully developed conditions
C3	2.41	1.83	0.48	98	95	98	95	100	0.015	3.44	0.0180	1.75	402	0.0180	3.38	5.74	48.37	121.16	194.75	fully developed conditions
C4	3.48	2.85	0.63	98	95	98	95	100	0.015	3.44	0.0180	1.75	402	0.0180	3.38	5.74	48.37	121.16	194.75	fully developed conditions
C5	4.07	3.40	0.67	98	95	98	95	100	0.015	3.44	0.0174	2.23	658	0.0274	5.57	8.20	10.94	23.38	31.42	partly developed conditions
C6	2.66	2.21	0.45	98	95	98	95	100	0.040	3.44	0.0146	15.61	1,366	0.0146	3.09	26.13	4.68	15.44	22.21	partly developed conditions
C7	8.23	6.85	1.38	98	95	98	95	100	0.015	3.44	0.0585	2.05	2,005	0.0585	3.09	5.74	6.16	19.54	25.93	fully developed conditions
C8	2.07	1.74	0.33	98	95	98	95	100	0.015	3.44	0.0230	1.23	234	0.0320	1.00	6.35	14.47	19.54	25.93	fully developed conditions
C9	6.58	5.40	1.18	98	95	98	95	100	0.015	3.44	0.0150	1.98	869	0.0210	0.63	8.61	23.19	54.94	74.02	fully developed conditions



LEGEND

	Drainage Basin Boundary
	Flow Direction Arrow
	Drainage Basin Boundary
	Time of Concentration Path

-DRAINAGE LEGEND-

#	Drainage Basin Designation
1	# - Basin Number
2	Flow Direction Arrow
3	Drainage Basin Boundary
4	Time of Concentration Path

SHEET
5
7

WUTHRICH HILL FARMS
SECTION TWO
CITY OF PFLUGERVILLE, TEXAS
PRELIMINARY PLAN ONLY -
NOT FOR RECORDATION

Catalyst Engineering Group
112 Main Street West
Pflugerville, Texas 78660
Office: (512) 944-6077
Mobile: (512) 657-2210
Firm No. E-13275



NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

DESIGNED: CR
DRAWN: KMM
CHECKED: KMM
DATE: 07/27/2014
FILE NAME: TWP0_BJSE
SURVEYED: DDDO SURVEYING
SCALE: VERT. = 1"=100'
HORIZ. = 1"=100'

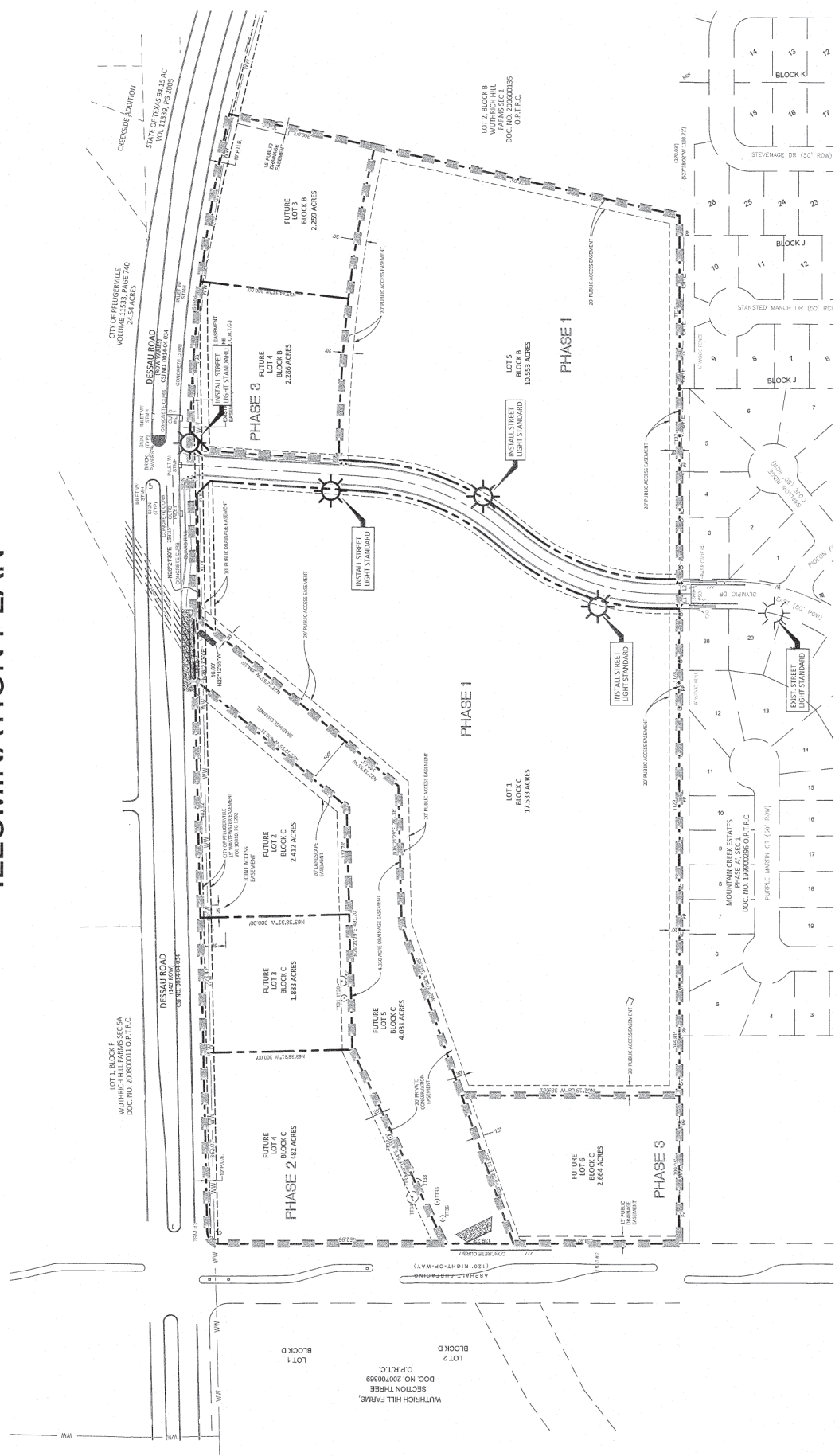
NO.	DATE	REVISION	BY	DESIGNED: OR
1				DRAWN: KMA
2				DATE: 07/26/2014
3				FILE NAME: TOPO.BAS2
4				SURVEYED: DDDO SURVEYNO
5				DRAINING SCALE: HORIZ = NAD83



Catalyst Engineering Group
112 Pecan Street West
Morgantown, Iowa 78660
Office: (512) 944-6077
Mobile: (512) 657-2210
THREE FIRM No. E-12275

WUTHRICH HILL FARMS
SECTION TWO
CITY OF PFLUGERVILLE, TEXAS
PRELIMINARY PLAN ONLY -
NOT FOR RECORDATION

SHEET 7 OF 7



NOTE:
ALL STREETLIGHTS INSTALLED IN PUBLIC RIGHT-OF-WAY SHALL HAVE DOWNCAST, FULL CUT-OFF, HIGH-PRESSURE SODIUM LUMINAIRE. DROP DOWN LENSES ARE PROHIBITED.

LEGEND

PHASE BOUNDARY