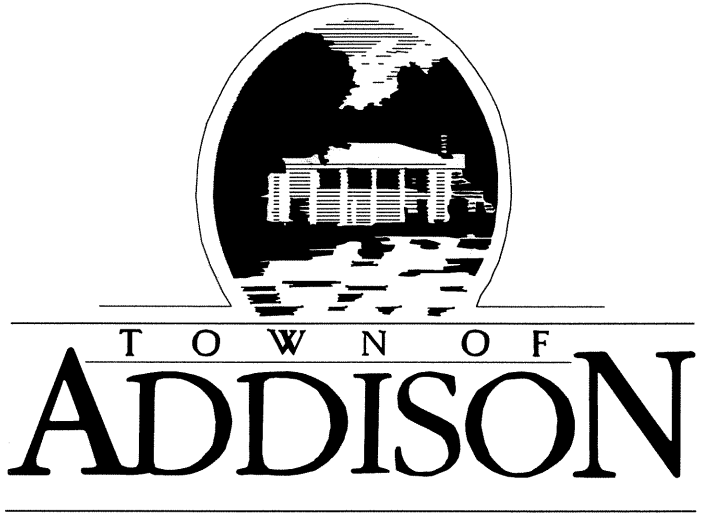


AS BUILT

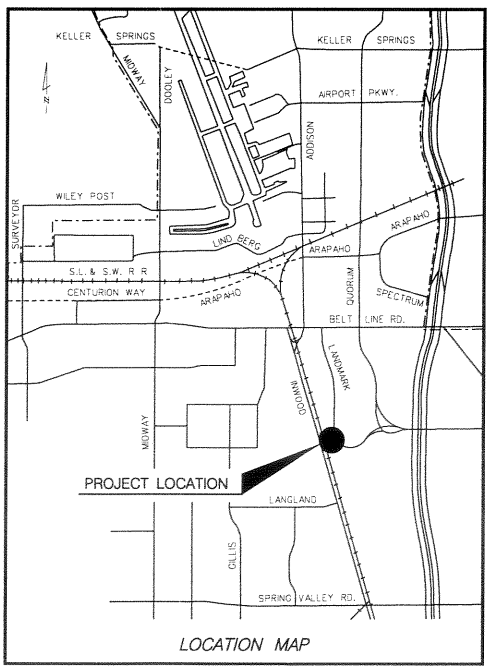


ROADWAY, DRAINAGE AND TRAFFIC SIGNAL DESIGN PLANS
 INWOOD / SOUTH QUORUM ACCESS - PHASE I
 LANDMARK EXTENSION

BID No. 00-18

INDEX OF DRAWINGS

SHEET No.	TITLE
1	COVER SHEET
2-3	ROADWAY AND DRAINAGE
4	TYPICAL SECTIONS
4	GENERAL NOTES AND QUANTITY SUMMARY
5-6	TRAFFIC CONTROL PLANS
7	RIGHT OF WAY MAP
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15	DRAINAGE AREA MAP
16-17	DRAINAGE PROFILES
18-19	PAVEMENT MARKINGS
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22-23	JOINT DETAILS
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25	MANHOLE TYPE M (MH-M)
26	STORM SEWER JUNCTION BOX
27	METAL BEAM GUARD FENCE (MBGF-94)
28	SINGLE GUARDRAIL TERMINAL (SGT(5)-97)
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39	TRAFFIC SIGNALS
39	SIGNAL LAYOUT PLANS
40	SIGNAL LAYOUT TABLES
41	TRAFFIC SIGNAL HEAD DETAILS
42	TRAFFIC SIGNAL POLE FOUNDATIONS
43	CONTROLLER FOUNDATION / GROUND BOX INSTALLATION
44	TRAFFIC CONTROL PLAN DETAILS
45	TRAFFIC CONTROL PLAN DETAILS
46	TRANSFORMER BASE DETAILS
47	SERVICE POLE AND GROUNDING DETAILS



MAYOR
R. Scott Wheeler

CITY COUNCIL
Bob Barrett
Frank Klein
Diane Mallory
Fred Silver
Glynda Turner
Cathy Ways

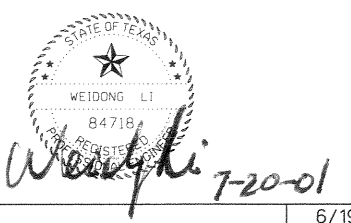
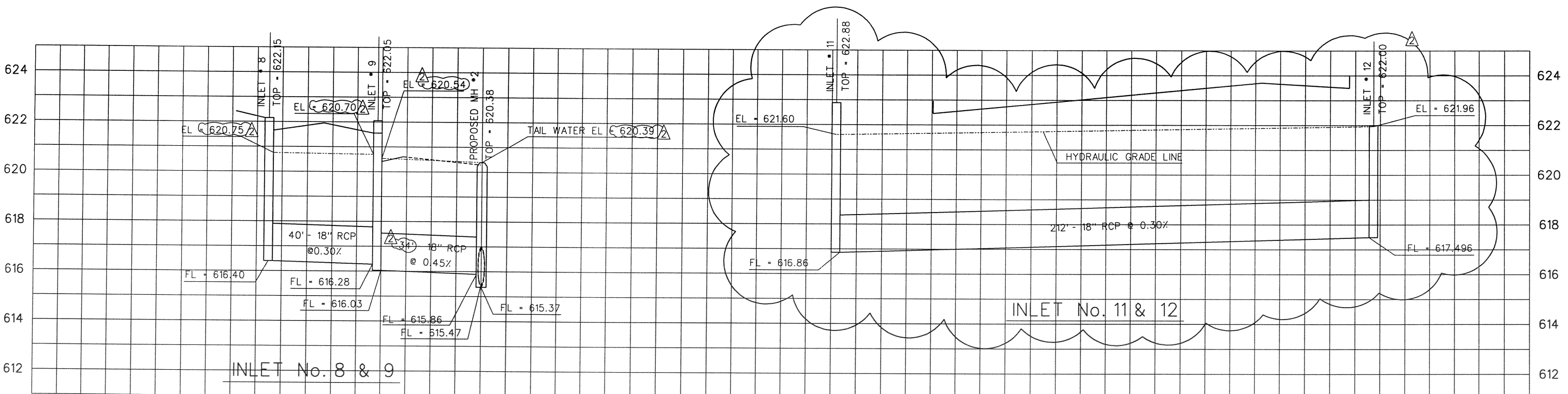
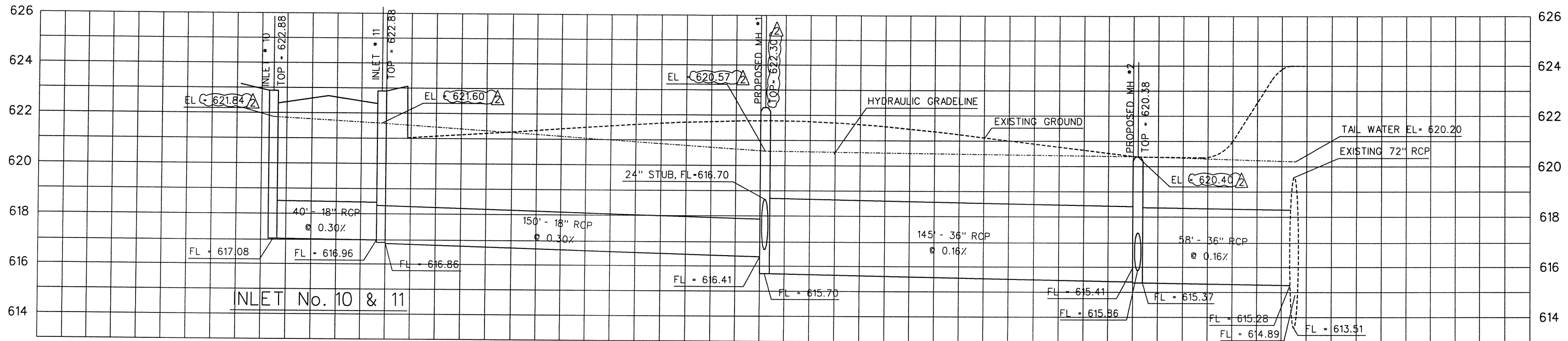
CITY MANAGER:
Ron Whitehead

ACTING DIRECTOR OF PUBLIC WORKS
Michael E. Murphy, P.E.

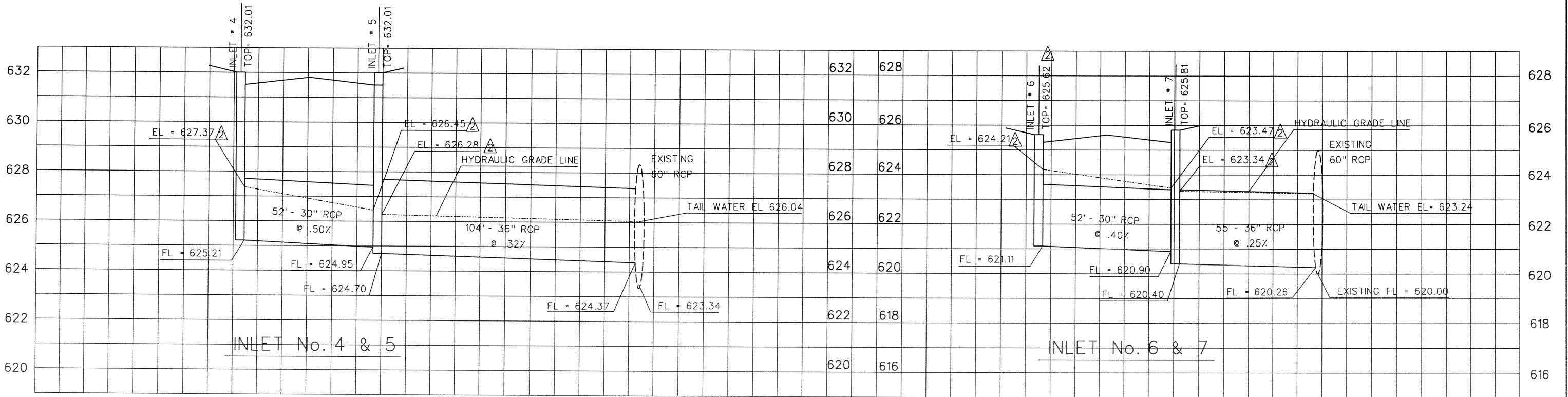
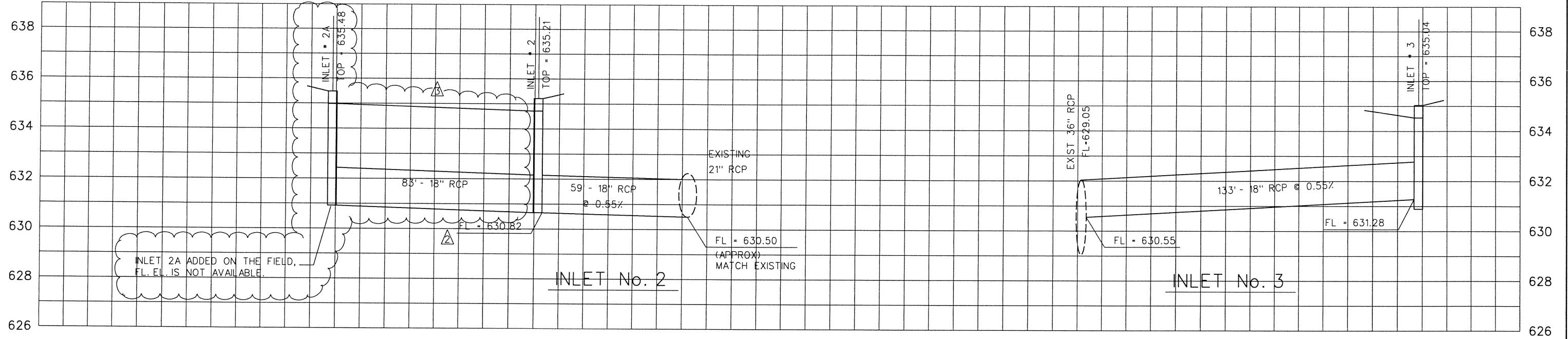
STATE OF TEXAS
 WEIDONG LI
 B4718
 7-20-01


PARSONS TRANSPORTATION GROUP, INC.
 5485 BELT LINE ROAD, SUITE 199 • DALLAS, TEXAS 75240
 (972) 991-1900 • FAX: (972) 490-9261

FF-9

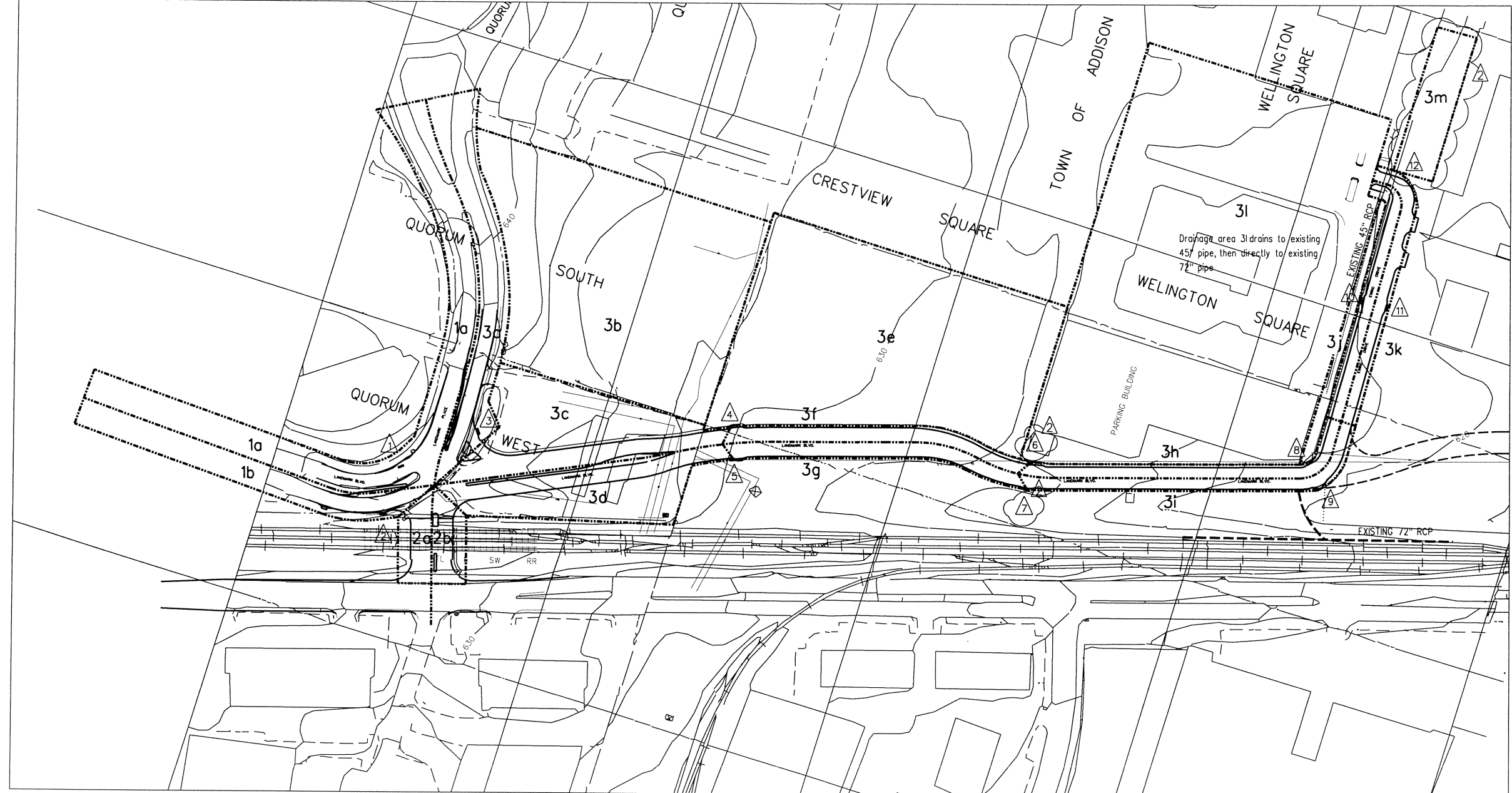
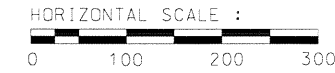
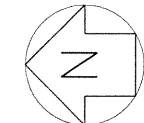


△ INLET 12	6/19/00					
△ FB COMMENTS	3/24/00					
DRAINAGE PROFILES						
LANDMARK EXTENSION						
SHEET 2 OF 2						
DEPARTMENT OF PUBLIC WORKS						
TOWN OF ADDISON, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NUMBER
P.G.W.	C.W.W.	2/00	AS BUILT			17




Weidong Li
 7-20-01

3	ADD INLET 2A	7/19/01
2	MISC. REVISIONS	5/19/00
ADDENDUM NO. 1		3/3/00
DRAINAGE PROFILES		
LANDMARK EXTENSION		
SHEET 1 OF 2		
DEPARTMENT OF PUBLIC WORKS		
TOWN OF ADDISON, TEXAS		
DESIGN	DRAWN	DATE
P.G.W.	C.W.W.	2/00
SCALE	NOTES	FILE
1"=40' H 1"=4' V	AS BUILT	16



- LEGEND :
- 1a DRAINAGE AREA NUMBER
 - DRAINAGE AREA BOUNDARY
 - △ INLET NUMBER

INLET COMPUTATIONS

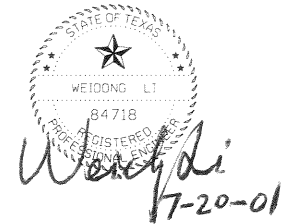
No.	Station	D.A. No.	Q100	Carry Over	Total Q	z	z/n	s	y	Pond Width	a	Q/L	La	L	L/La	a/y	Q/Qa	Q	Carry Over	Remarks
1	9+01.64, Lt Landmark	1a	13.86	0	13.86						0.42	0.957	14.48	10	0.69	1.00	13.86	0.00		Existing Inlet Low Point
2	8+61.99, Rt Landmark	1b	7.48	0	7.48	50	3846	0.0033	0.349	17.46	0.46	0.893	8.34	10	1.199	1.32	1.00	7.48	0.00	
3	50+R1964, Rt Landmark	3a	5.09	0	5.09	50	3846	0.0115	0.239	11.96	0.46	0.777	6.58	10	1.520	1.92	1.00	5.09	0.00	
4	14+50.00, Lt Landmark	3c	4.64	0	4.64	50	3846	0.0124	0.228	11.39	0.46	0.764	6.02	10	1.661	2.03	1.00	4.64	0.00	
5	14+50.00, Rt Landmark	3d	4.27	0	4.27	50	3846	0.0124	0.220	11.03	0.46	0.757	5.61	10	1.783	2.09	1.00	4.27	0.00	
6	19+50.00, Lt Landmark	3f	3.38	0	3.38	50	3846	0.0124	0.202	10.11	0.46	0.738	4.58	10	2.183	2.28	1.00	3.38	0.00	
7	19+50.00, Rt Landmark	3g	3.38	0	3.38	50	3846	0.0124	0.202	10.11	0.46	0.738	4.58	10	2.183	2.28	1.00	3.38	0.00	
8	24+17.95, Lt Landmark	3h	3.74	0	3.74	50	3846					0.957	3.90	10	1.537		1.00	3.74	0.00	Low Point
9	24+31.99, Rt Landmark	3i	3.20	0	3.20	50	3846					0.957	3.35	10	1.793		1.00	3.20	0.00	Low Point
10	3+96.49, Lt Ewing	3j	2.69	0	2.69	50	3846					0.698	3.86	10	1.555		1.00	2.69	0.00	Low Point
11	3+96.49, Rt Ewing	3k	2.46	0	2.46	50	3846					0.698	3.53	10	1.701		1.00	2.46	0.00	Low Point
12	5+97.93, Rt Ewing	3m	3.30	0	3.20	50	3846	0.0006	0.181	9.06							1.00	3.20	0.00	Low Point TYP H INLET

STORM SEWER COMPUTATIONS

From	To	D.A. No.	Total D.A. Ac	Total CA	Time of Concentration			Design					Remarks		
					Total Length	Along Sewer	Inlet Time	Design	I 100yr	Q 100yr	Design inch	Slope ft/ft		Cap. cfs	Veloc. ft/sec
1	exist	1a	1.80	1.44	--	--	--	15	9.62	13.85	21	--	--	--	Existing 21" pipe
2	exist	1b	0.86	0.78	--	--	--	15	9.62	7.47	18	0.0055	7.79	4.41	Connect to exist 21" pipe.
3	exist	3a	0.59	0.53	--	--	--	15	9.62	5.09	18	0.0055	7.79	4.41	Connect to exist 36" pipe.
4	5	3b, 3c	4.68	3.39	--	--	--	20	8.30	28.15	30	0.0050	29.00	5.91	
5	exist	3b, 3c, 3d	5.53	3.83	--	--	--	20	8.30	31.83	36	0.0032	37.73	5.34	Connect to exist 60" pipe.
6	7	3e, 3f	3.82	3.10	--	--	--	20	8.30	25.72	30	0.0040	25.94	5.28	
7	exist	3e, 3f, 3g	4.21	3.45	--	--	--	20	8.30	28.63	36	0.0025	33.35	4.72	Connect to exist 60" pipe.
8	9	3h	0.43	0.39	--	--	--	15	9.62	3.73	18	0.0030	5.75	3.26	
9	MH 2	3h, 3i	0.80	0.72	--	--	--	15	9.62	6.94	18	0.0045	7.05	3.99	
10	11	3j	0.31	0.28	--	--	--	15	9.62	2.69	18	0.0030	5.75	3.26	
12	11	3m	0.37	0.33	--	--	--	15	9.62	3.20	18	0.0030	5.75	3.25	
11	MH 1	3j, 3k, 3m	0.97	0.82	--	--	--	15	9.62	8.36	18	0.0030	5.75	3.26	
MH 1	MH 2	3j, 3k, 3m	0.97	0.82	--	--	--	15	9.62	8.36	36	0.0016	26.68	3.77	
MH 2	Exist	3h, 3i, 3j, 3k, 3m	1.72	1.54	--	--	--	15	9.62	15.29	36	0.0016	26.68	3.77	Connect to exist 60" pipe.

RUNOFF COMPUTATIONS

D.A.	AREA		Total CA	Time of Concentr	I-100 in/hr	O-100 cfs
	Ac	C				
1a	1.80	0.80	1.44	15	9.62	13.86
1b	0.86	0.90	0.78	15	9.62	7.48
2a	0.12	0.90	0.11	15	9.62	1.04
2b	0.12	0.90	0.11	15	9.62	1.04
3a	0.59	0.90	0.53	15	9.62	5.09
3b	3.64	0.80	2.91	20	8.30	24.14
3c	1.04	0.46	0.48	15	9.62	4.64
3d	0.85	0.52	0.44	15	9.62	4.27
3e	3.43	0.80	2.75	20	8.30	22.80
3f	0.39	0.90	0.35	15	9.62	3.38
3g	0.39	0.90	0.35	15	9.62	3.38
3h	0.43	0.90	0.39	15	9.62	3.74
3i	0.37	0.90	0.33	15	9.62	3.20
3j	0.31	0.90	0.28	15	9.62	2.69
3k	0.28	0.90	0.26	15	9.62	2.46
3l	6.49	6.90	5.81	15	9.62	56.49
3m	0.37	0.90	0.33	15	9.62	3.20

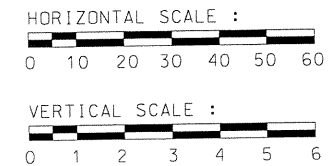
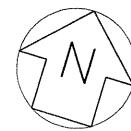


DRAINAGE AREA MAP
LANDMARK EXTENSION
 SHEET 1 OF 1
 DEPARTMENT OF PUBLIC WORKS
 TOWN OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NUMBER
P.G.W.	C.W.W.	2/00				

AS BUILT 15

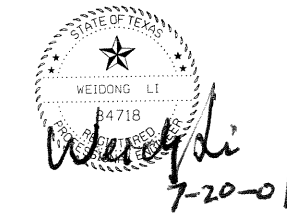
△ INLET 12 & MISCELLANEOUS REVISIONS	6/19/00
△ FB COMMENTS	3/24/00
ADDENDUM NO. 1	3/3/00



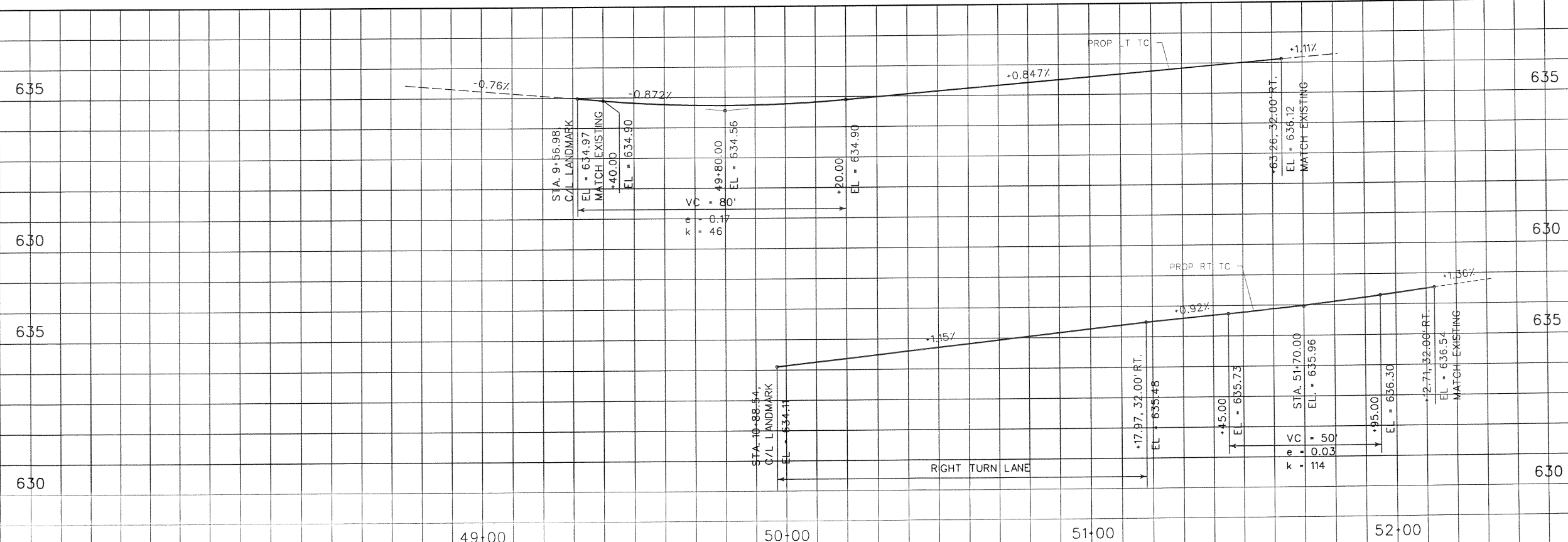
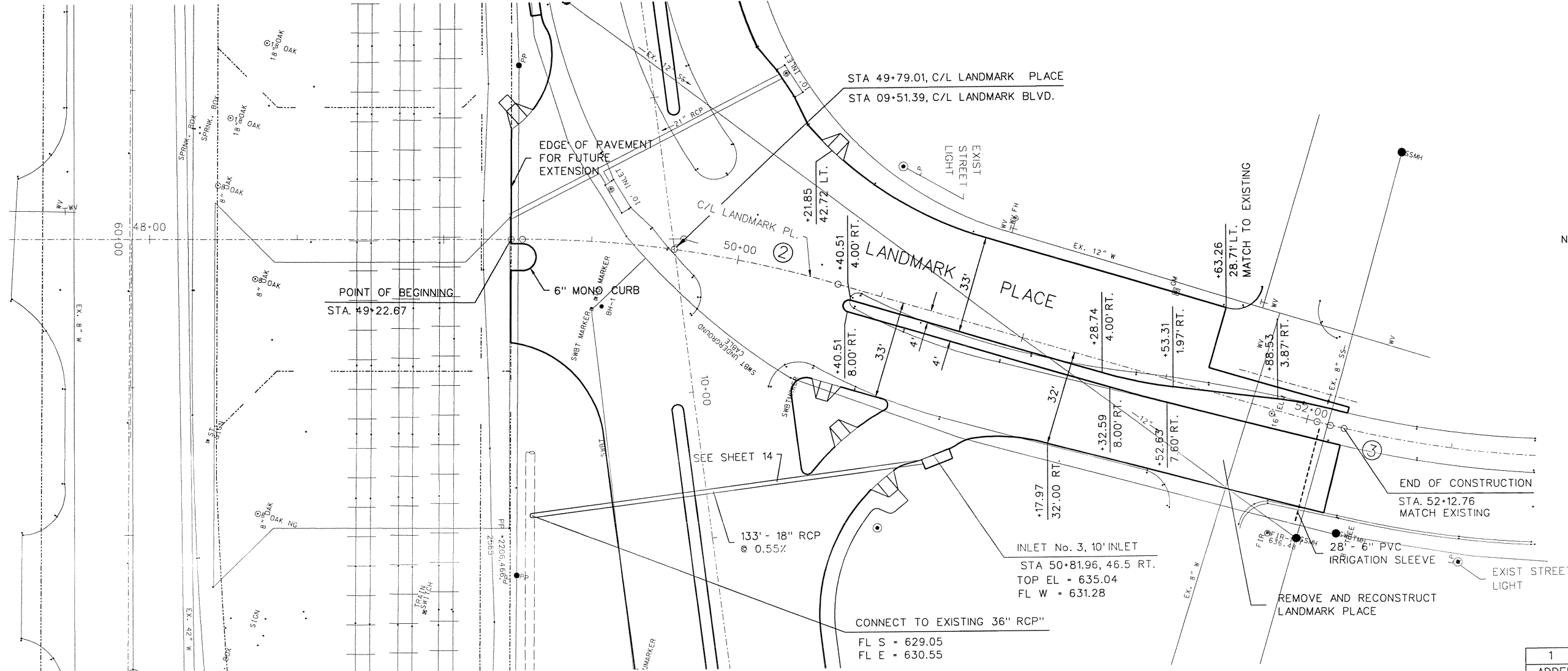
- NOTE :
1. ALL DIMENSIONS ARE FACE TO FACE OF CURB
 2. STREET LIGHTS ARE TO BE FURNISHED AND INSTALLED BY TXU.

CURVE DATA

CURVE	(3)
DELTA	1.4290
R	375.00
L	9.35
T	4.68
CHORD	9.3505

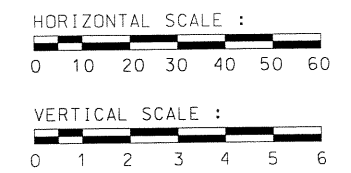
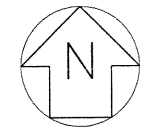
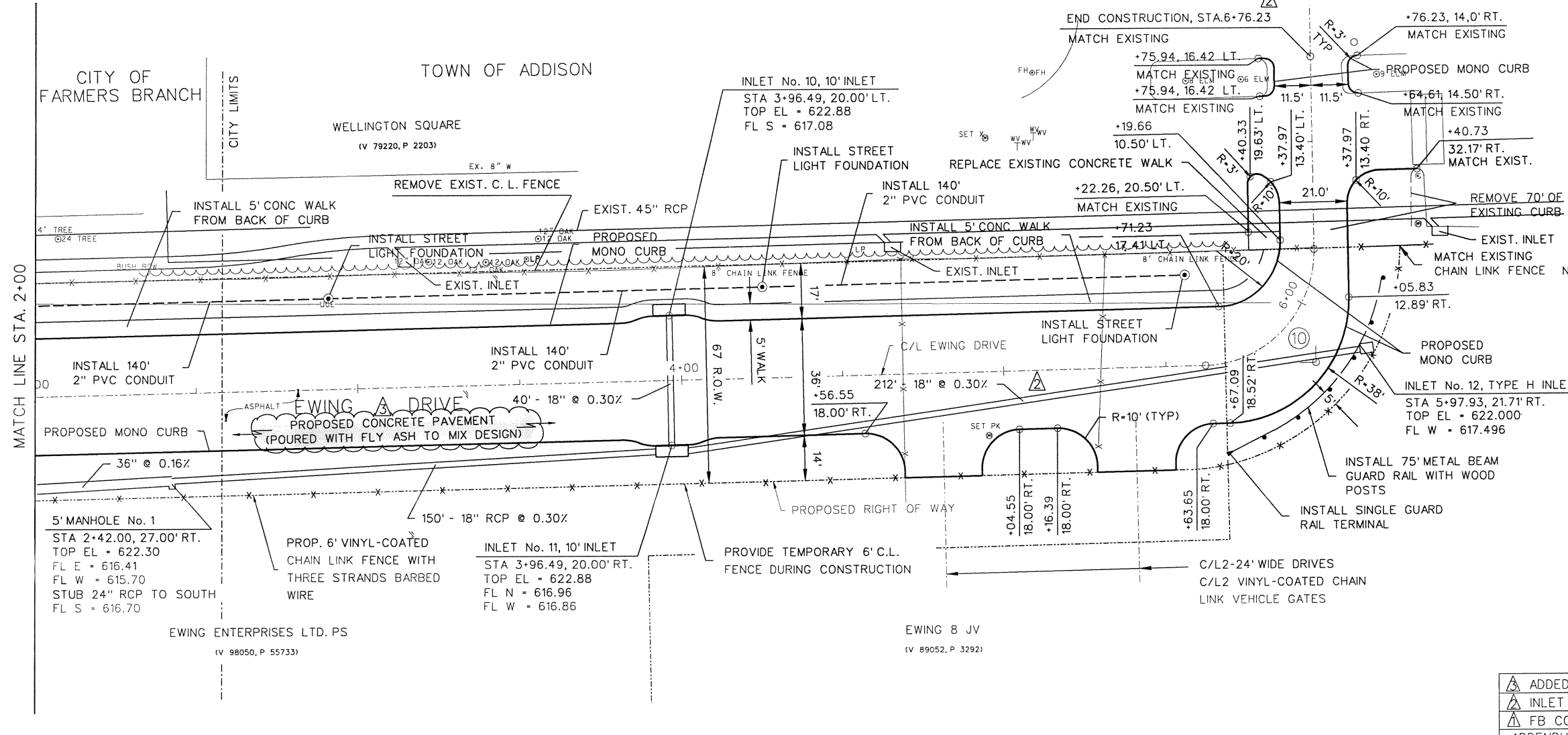


1	MISC. REVISIONS	5/19/00
	ADDENDUM NO. 1	3/3/00



PLAN AND PROFILE
LANDMARK PLACE
STA. (49+22.67) TO STA. (52+12.76)
DEPARTMENT OF PUBLIC WORKS
TOWN OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NUMBER
P.G.W.	C.W.W.	2/00	AS BUILT			14



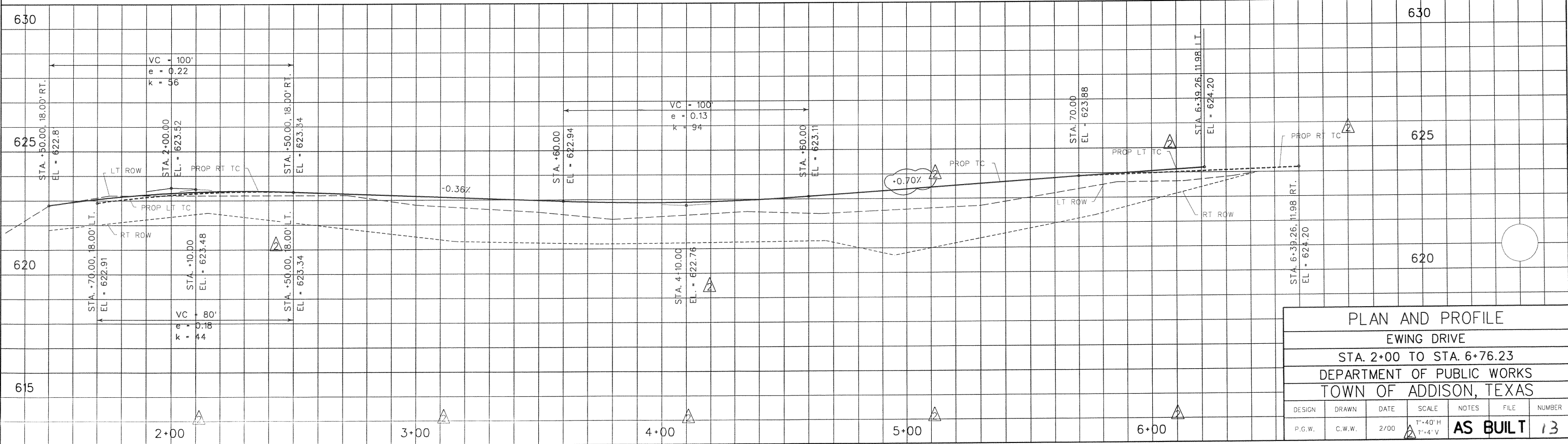
- NOTE :
- ALL DIMENSIONS ARE FACE TO FACE OF CURB
 - STREET LIGHTS ARE TO BE FURNISHED AND INSTALLED BY TXU.

CURVE DATA

CURVE	(10)
DELTA	89.5889
R	35.00
L	54.72
T	34.75
CHORD	49.4975



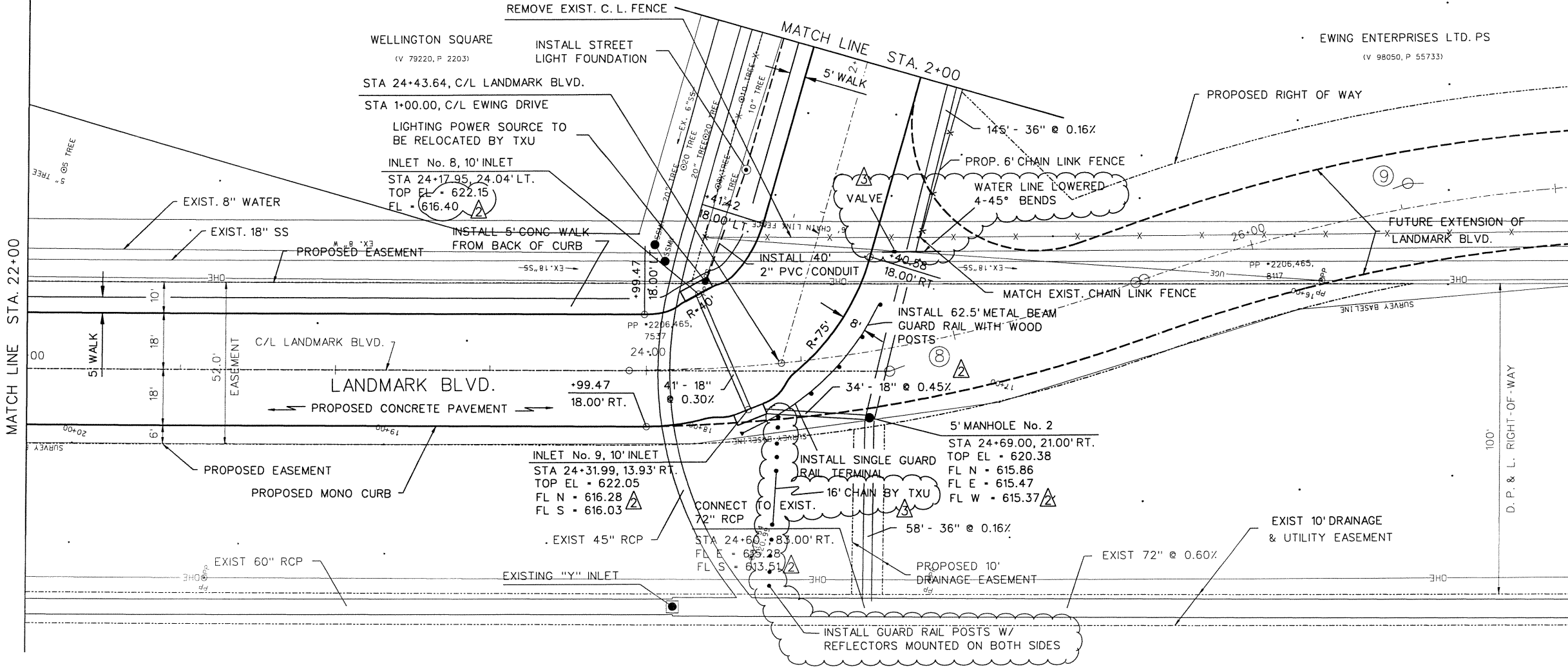
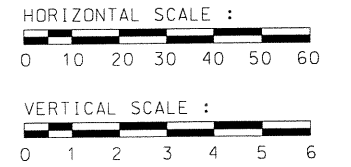
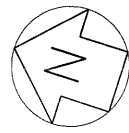
△ ADDED NOTE	7/19/01
△ INLET 12	6/19/00
△ FB COMMENTS	3/24/00
ADDENDUM NO. 1	3/3/00



PLAN AND PROFILE						
EWING DRIVE						
STA. 2+00 TO STA. 6+76.23						
DEPARTMENT OF PUBLIC WORKS						
TOWN OF ADDISON, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NUMBER
P.G.W.	C.W.W.	2/00	1"=40' H 1"=4' V	AS BUILT		13

CITY OF FARMERS BRANCH

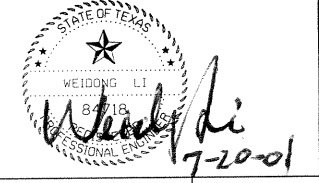
EWING ENTERPRISES LTD. PS
(V 98050, P 55733)



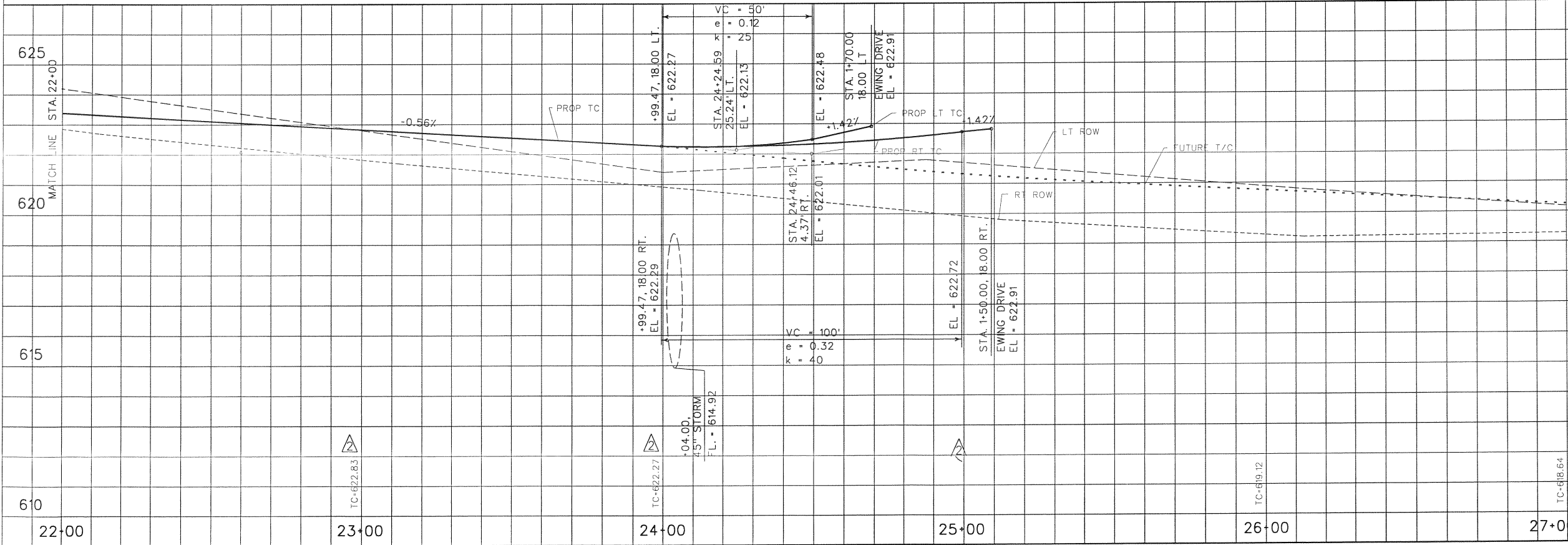
- NOTE :
1. ALL DIMENSIONS ARE FACE TO FACE OF CURB
 2. STREET LIGHTS ARE TO BE FURNISHED AND INSTALLED BY TXU.

CURVE DATA

CURVE	(8)	(9)
DELTA	19.7733	19.7853
R	482.00	518.00
L	166.35	178.87
T	84.01	90.34
CHORD	165.6121	177.9818



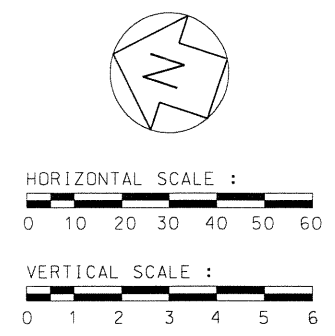
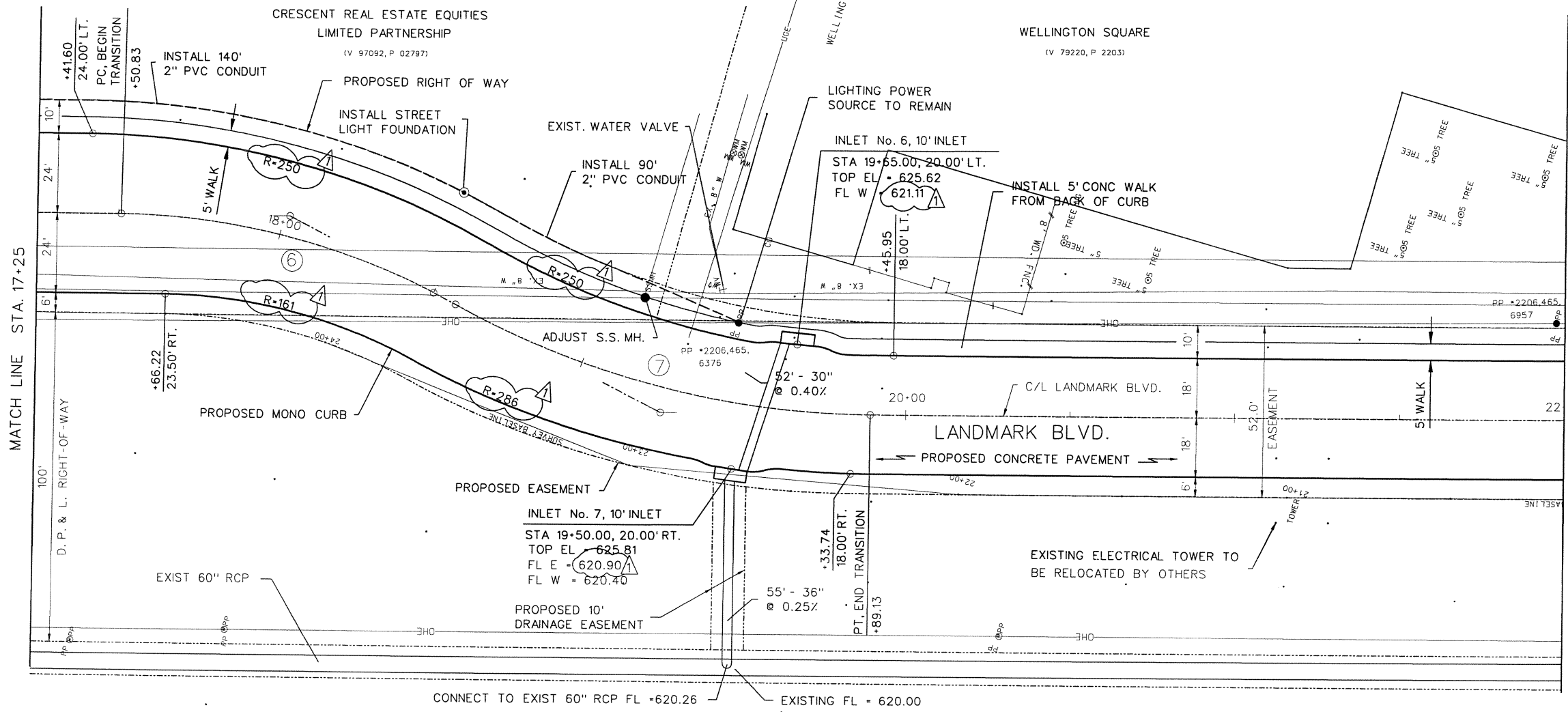
3	FIELD CHANGES	7/19/01
2	MISC. REVISIONS	5/19/00
△	FB COMMENTS	3/24/00
	ADDENDUM NO. 1	3/3/00



PLAN AND PROFILE
 LANDMARK EXTENSION
 STA. 22+00 TO STA. 27+00
 DEPARTMENT OF PUBLIC WORKS
 TOWN OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NUMBER
P.G.W.	C.W.W.	2/00	1"=40'H 1"=4'V		AS BUILT	12

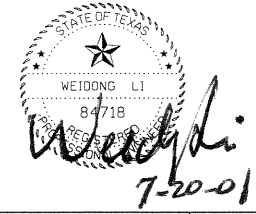
CITY OF FARMERS BRANCH



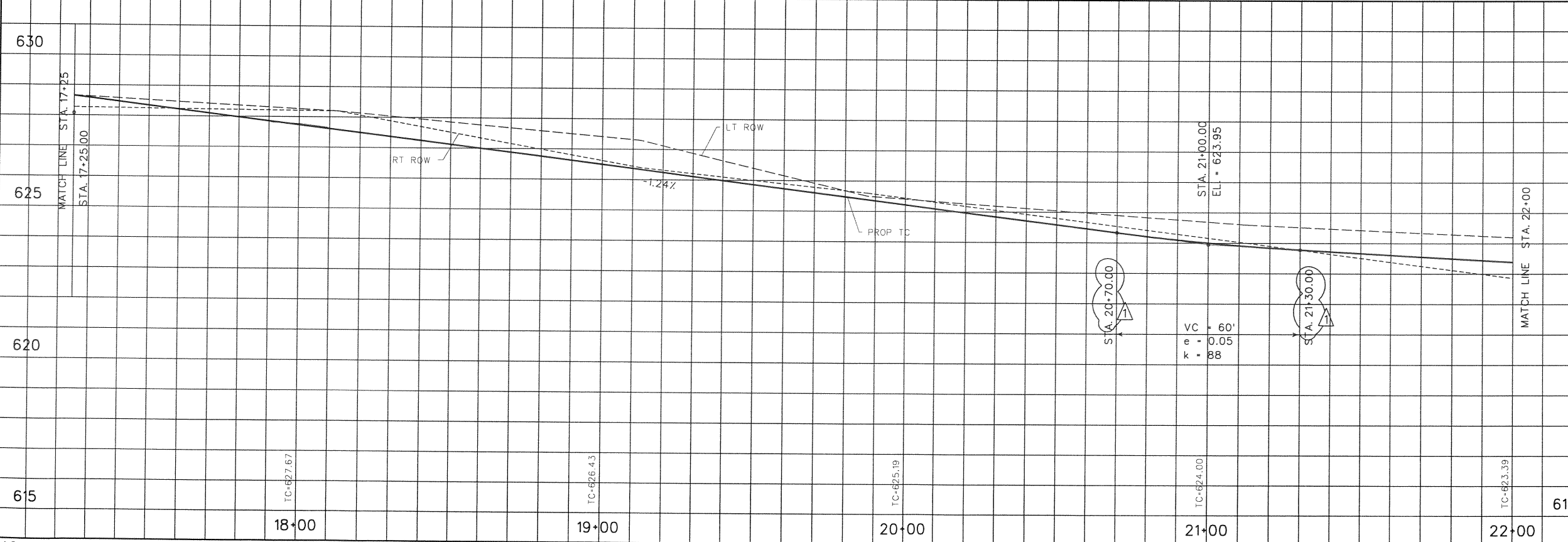
- NOTE :
1. ALL DIMENSIONS ARE FACE TO FACE OF CURB
 2. STREET LIGHTS ARE TO BE FURNISHED AND INSTALLED BY TXU.

CURVE DATA

CURVE	(6)	(7)
DELTA	26.4413	28.4447
R	215.00	265.00
L	99.22	131.53
T	50.51	67.17
CHORD	98.3457	130.2169



1	MISC. REVISIONS	5/19/00
	ADDENDUM NO. 1	3/3/00



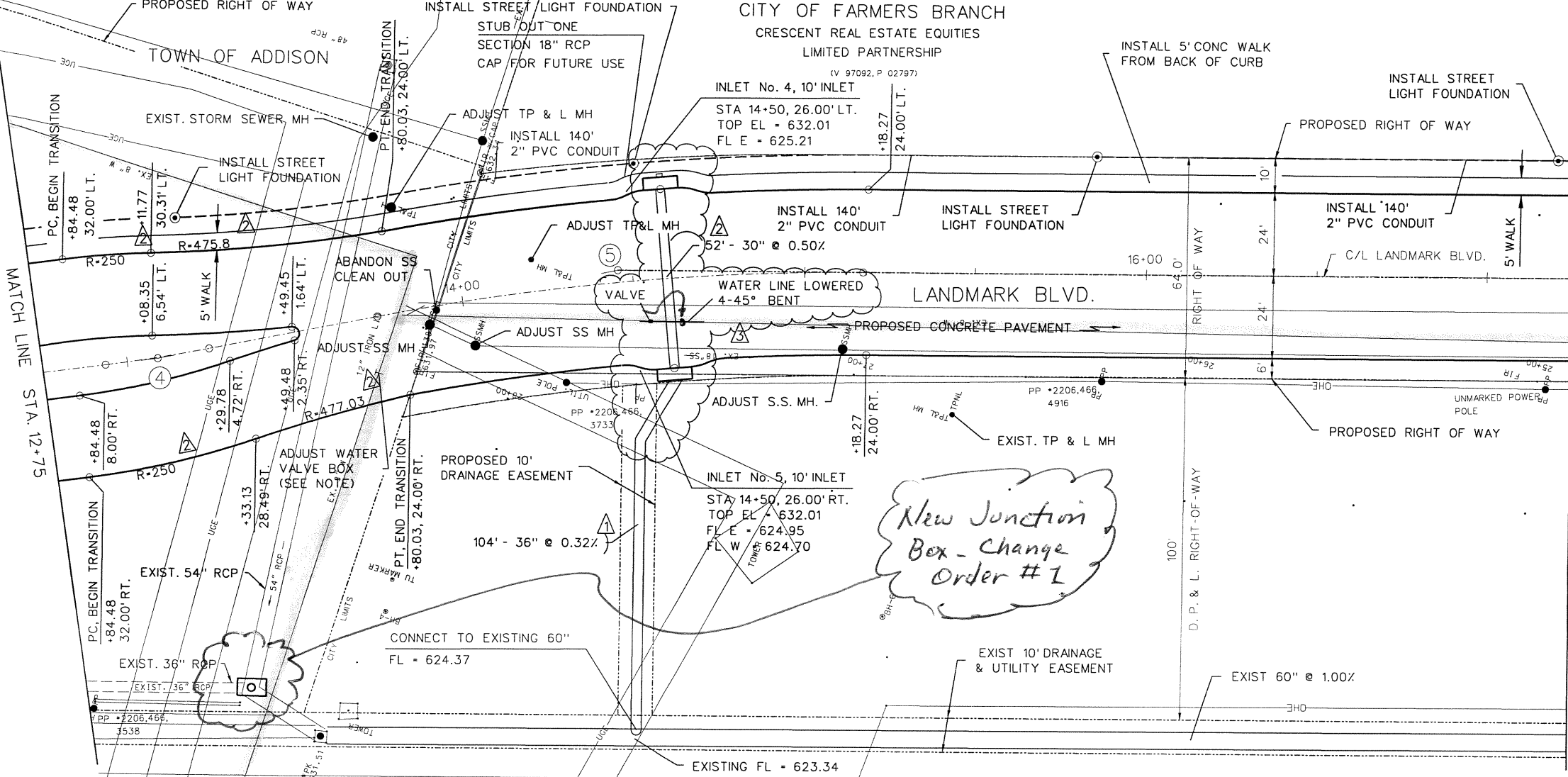
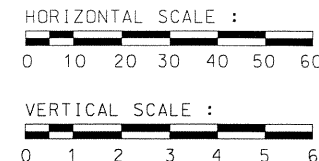
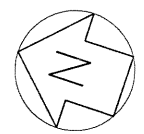
PLAN AND PROFILE
LANDMARK EXTENSION
STA. 17+25 TO STA. 22+00
DEPARTMENT OF PUBLIC WORKS
TOWN OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NUMBER
P.G.W.	C.W.W.	2/00	1"=40' H 1"=4' V	AS BUILT		11

CITY OF FARMERS BRANCH

CRESCENT REAL ESTATE EQUITIES
LIMITED PARTNERSHIP

(V. 97092, P. 02787)

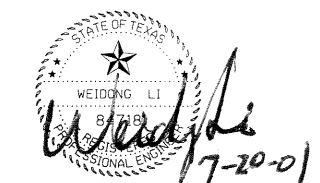


NOTE :

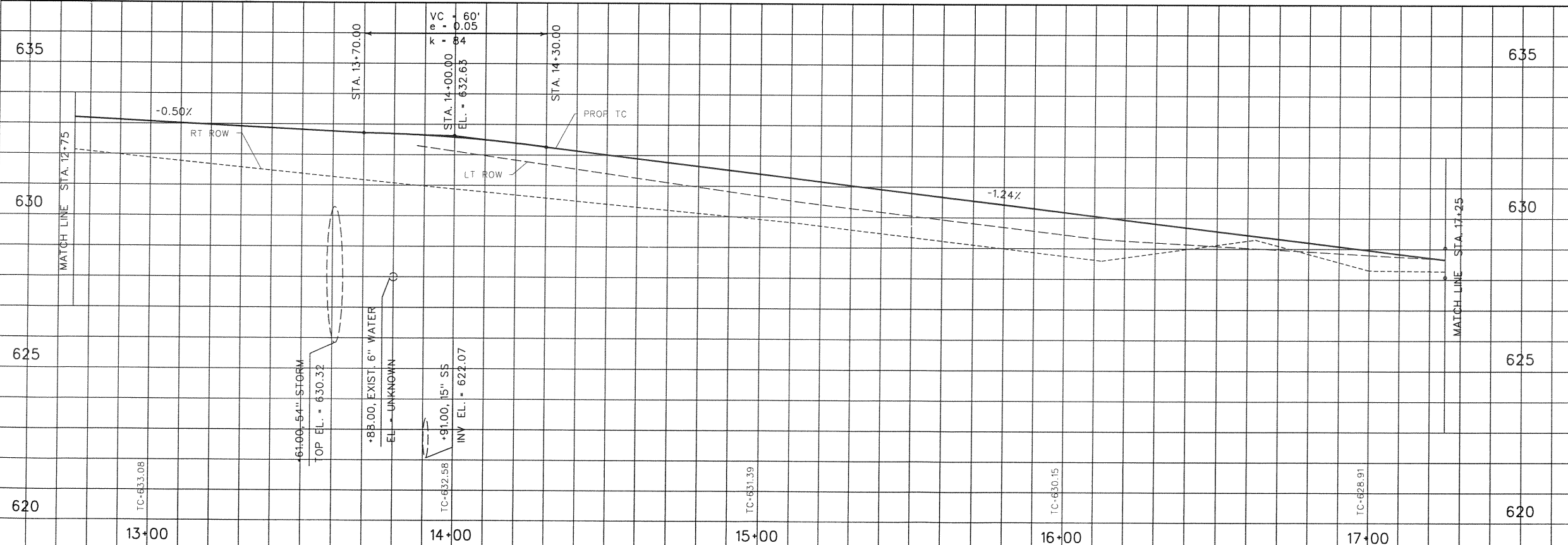
1. PROVIDE NEW DUCTILE IRON VALVE BOX AND COVER FOR WATER VALVE.
2. STREET LIGHTS ARE TO BE FURNISHED AND INSTALLED BY TXU.
3. CUT AND PLUG SANITARY SEWER CLEAN OUT 3' BELOW GRADE.

CURVE DATA

CURVE	(4)	(5)
DELTA	3.5323	11.2749
R	500.00	724.00
L	30.82	142.47
T	15.41	71.47
CHORD	30.8219	142.2429

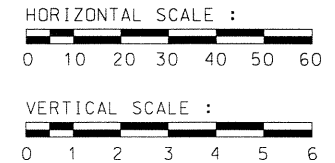
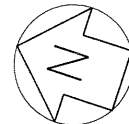


3	FIELD CHANGE	7/19/01
2	MISC. REVISIONS	5/19/00
ADDENDUM NO. 1		3/3/00



PLAN AND PROFILE
LANDMARK EXTENSION
STA. 12+75 TO STA. 17+25
DEPARTMENT OF PUBLIC WORKS
TOWN OF ADDISON, TEXAS

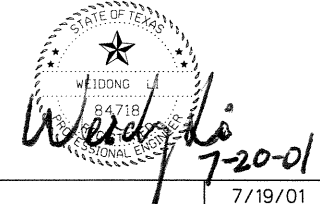
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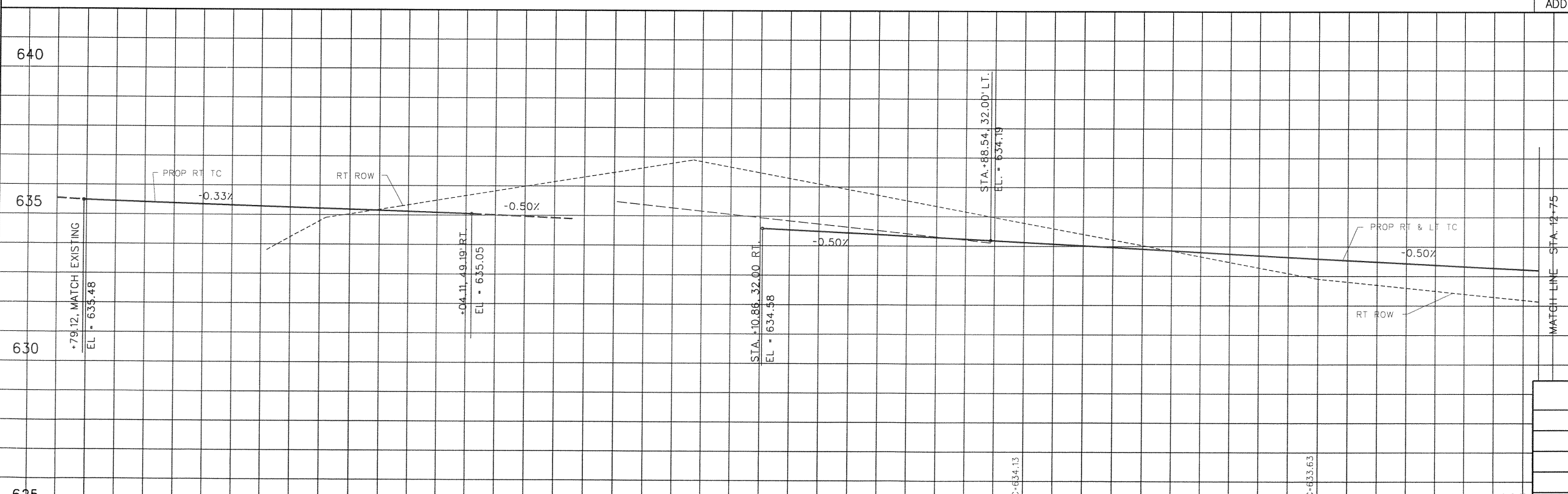
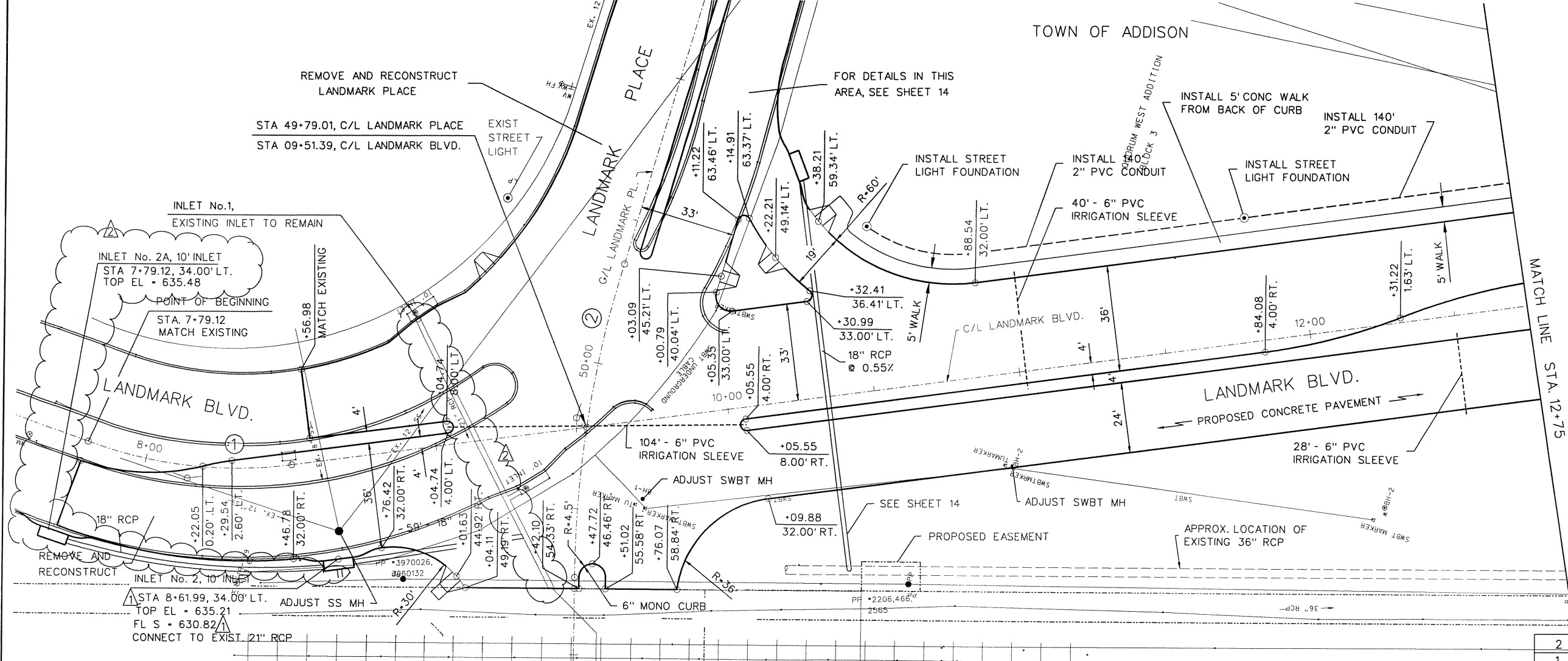
- NOTE :
- IRRIGATION SLEEVES SHALL BE CLASS 200 PVC PIPE WITH BELL & SPIGOT GLUED JOINTS.
 - STREET LIGHTS ARE TO BE FURNISHED AND INSTALLED BY TXU.

CURVE DATA

CURVE	(1)	(2)
DELTA	27.2484	16.2416
R	150.00	380.00
L	71.33	107.72
T	36.36	54.22
CHORD	70.66580	107.8608



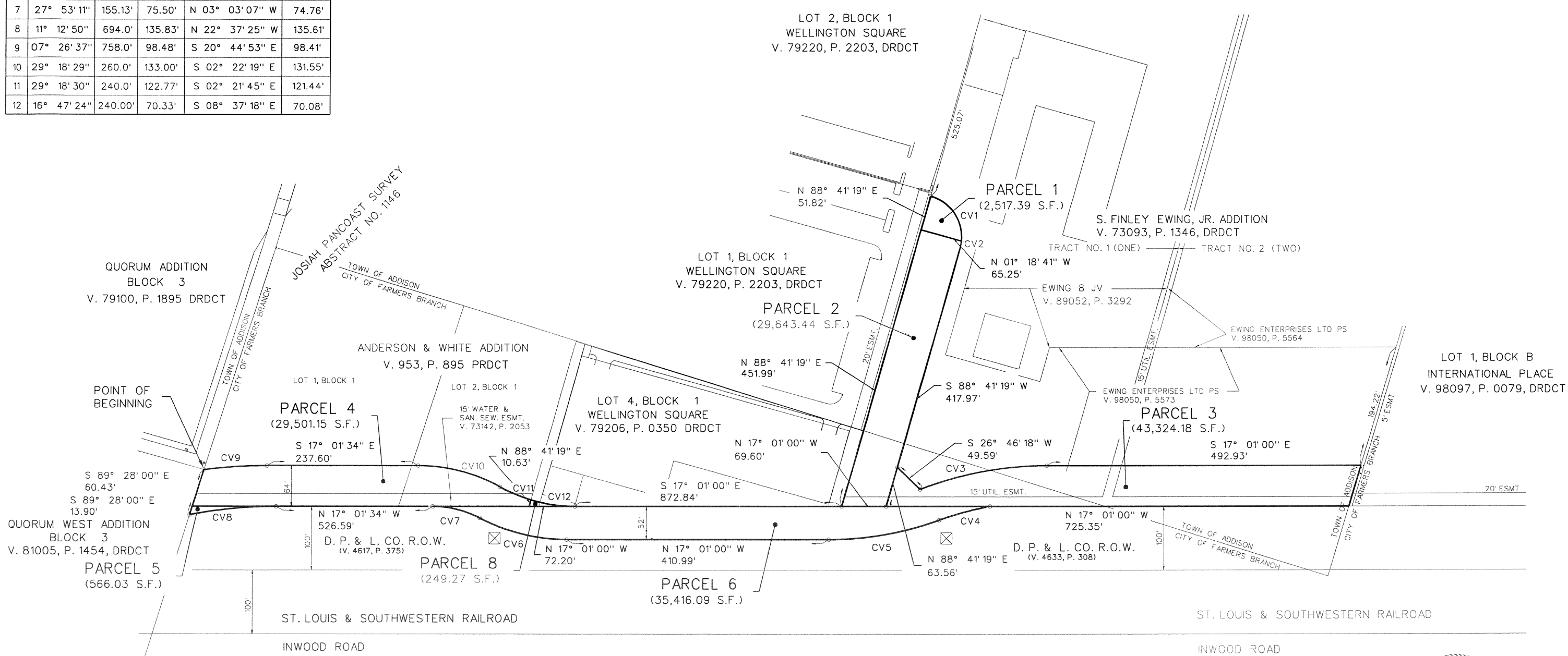
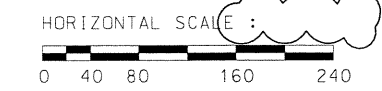
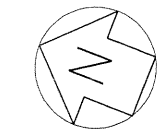
2	ADD INLET 2A	7/19/01
1	MISC. REVISIONS	5/19/00
ADDENDUM NO. 1		3/3/00



PLAN AND PROFILE						
LANDMARK EXTENSION						
STA. 7+79.12 TO STA. 12+75.00						
DEPARTMENT OF PUBLIC WORKS						
TOWN OF ADDISON, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NUMBER
P.G.W.	C.W.W.	2/00	1"=40' H 1"=4' V	AS BUILT		9

CURVE TABLE

CV NO.	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD LENGTH
1	76° 54' 19"	67.0'	89.93'	S 37° 08' 29" W	83.33'
2	13° 05' 41"	67.0'	15.31'	S 82° 08' 29" W	15.28'
3	21° 10' 23"	550.0'	203.25'	S 27° 36' 11" E	202.09'
4	09° 37' 23"	494.0'	82.97'	N 32° 09' 13" W	82.87'
5	19° 56' 54"	506.0'	176.17'	N 26° 59' 27" W	175.28'
6	27° 54' 28"	292.0'	142.23'	N 03° 03' 46" W	140.83'
7	27° 53' 11"	155.13'	75.50'	N 03° 03' 07" W	74.76'
8	11° 12' 50"	694.0'	135.83'	N 22° 37' 25" W	135.61'
9	07° 26' 37"	758.0'	98.48'	S 20° 44' 53" E	98.41'
10	29° 18' 29"	260.0'	133.00'	S 02° 22' 19" E	131.55'
11	29° 18' 30"	240.0'	122.77'	S 02° 21' 45" E	121.44'
12	16° 47' 24"	240.00'	70.33'	S 08° 37' 18" E	70.08'



STATE OF TEXAS
 WEIDONG LI
 64718
 Surveyor
Weidong Li
 7-20-01

RIGHT OF WAY MAP					
LANDMARK EXTENSION					
DEPARTMENT OF PUBLIC WORKS					
TOWN OF ADDISON, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NUMBER
P.G.W.	C.W.W.	2/00	1"=160'	AS BUILT	7

1	MISC. REVISIONS	5/19/00
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