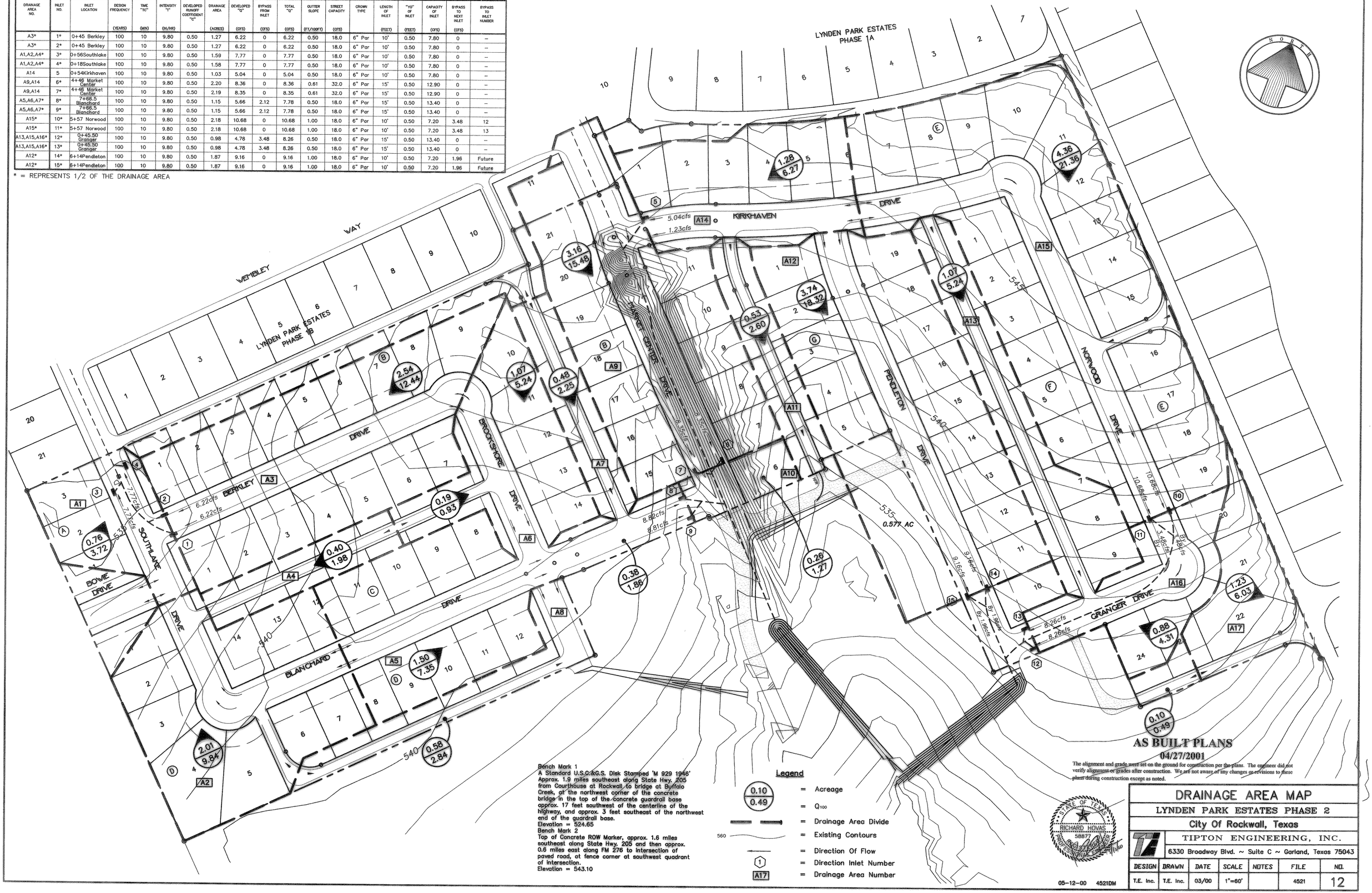
INLET CALCULATION CHART

DRAINAGE AREA NO.	INLET NO.	INLET LOCATION	DESIGN FREQUENCY	TIME "TC"	INTENSITY "I"	DEVELOPED RUNOFF COEFFICIENT "C"	DRAINAGE AREA	DEVELOPED "Q"	BYPASS FROM INLET	TOTAL "Q"	GUTTER SLOPE	STREET CAPACITY	CROWN TYPE	LENGTH OF INLET	"YQ" OF INLET	CAPACITY OF INLET	BYPASS TO NEXT INLET	BYPASS TO INLET NUMBER
			(YEARS)	(MIN)	(IN/HR)		(ACRES)	(CFS)	(CFS)	(CFS)	(FT/100FT)	(CFS)		(FEET)	(FEET)	(CFS)	(CFS)	
A3*	1*	0+45 Berkley	100	10	9.80	0.50	1.27	6.22	0	6.22	0.50	18.0	6" Par	10'	0.50	7.80	0	--
A3*	2*	0+45 Berkley	100	10	9.80	0.50	1.27	6.22	0	6.22	0.50	18.0	6" Par	10'	0.50	7.80	0	--
A1,A2,A4*	3*	0+56Southlake	100	10	9.80	0.50	1.59	7.77	0	7.77	0.50	18.0	6" Par	10'	0.50	7.80	0	--
A1,A2,A4*	4*	0+18Southlake	100	10	9.80	0.50	1.58	7.77	0	7.77	0.50	18.0	6" Par	10'	0.50	7.80	0	--
A14	5	0+54Kirkhaven	100	10	9.80	0.50	1.03	5.04	0	5.04	0.50	18.0	6" Par	10'	0.50	7.80	0	--
A9,A14	6*	4+46 Market Center	100	10	9.80	0.50	2.20	8.36	0	8.36	0.61	32.0	6" Par	15'	0.50	12.90	0	--
A9,A14	7*	4+46 Market Center	100	10	9.80	0.50	2.19	8.35	0	8.35	0.61	32.0	6" Par	15'	0.50	12.90	0	--
A5,A6,A7*	8*	7+66.5 Blanchard	100	10	9.80	0.50	1.15	5.66	2.12	7.78	0.50	18.0	6" Par	15'	0.50	13.40	0	--
A5,A6,A7*	9*	7+66.5 Blanchard	100	10	9.80	0.50	1.15	5.66	2.12	7.78	0.50	18.0	6" Par	15'	0.50	13.40	0	--
A15*	10*	5+57 Norwood	100	10	9.80	0.50	2.18	10.68	0	10.68	1.00	18.0	6" Par	10'	0.50	7.20	3.48	12
A15*	11*	5+57 Norwood	100	10	9.80	0.50	2.18	10.68	0	10.68	1.00	18.0	6" Par	10'	0.50	7.20	3.48	13
A13,A15,A16*	12*	0+45.50 Granger	100	10	9.80	0.50	0.98	4.78	3.48	8.26	0.50	18.0	6" Par	15'	0.50	13.40	0	--
A13,A15,A16*	13*	0+45.50 Granger	100	10	9.80	0.50	0.98	4.78	3.48	8.26	0.50	18.0	6" Par	15'	0.50	13.40	0	--
A12*	14*	6+14Pendleton	100	10	9.80	0.50	1.87	9.16	0	9.16	1.00	18.0	6" Par	10'	0.50	7.20	1.96	Future
A12*	15*	6+14Pendleton	100	10	9.80	0.50	1.87	9.16	0	9.16	1.00	18.0	6" Par	10'	0.50	7.20	1.96	Future

* = REPRESENTS 1/2 OF THE DRAINAGE AREA



Bench Mark 1
A Standard U.S.C.&G.S. Disk Stamped 'M 929 1946' Approx. 1.9 miles southeast along State Hwy. 205 from Courthouse at Rockwall to bridge at Buffalo Creek, at the northwest corner of the concrete bridge in the top of the concrete guardrail base approx. 17 feet southwest of the centerline of the highway, and approx. 3 feet southeast of the northwest end of the guardrail base.
Elevation = 524.65

Bench Mark 2
Top of Concrete ROW Marker, approx. 1.6 miles southeast along State Hwy. 205 and then approx. 0.6 miles east along FM 276 to intersection of paved road, at fence corner at southwest quadrant of intersection.
Elevation = 543.10

Legend

- 0.10 / 0.49 = Acreage
- = Q_{100}
- = Drainage Area Divide
- 560 = Existing Contours
- = Direction Of Flow
- (1) = Direction Inlet Number
- A17 = Drainage Area Number

AS BUILT PLANS
04/27/2001

The alignment and grade were set on the ground for construction per the plans. The engineer did not verify alignment or grades after construction. We are not aware of any changes or revisions to these plans during construction except as noted.

STATE OF TEXAS — RICHARD HOVAS — 58877 — PROFESSIONAL ENGINEER

05-12-00 4521DM

DRAINAGE AREA MAP

LYNDEN PARK ESTATES PHASE 2

City Of Rockwall, Texas

TIPTON ENGINEERING, INC.
6330 Broadway Blvd. ~ Suite C ~ Garland, Texas 75043

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
T.E. Inc.	T.E. Inc.	03/00	1"=60'		4521	12