

File with 1084-D

CITY OF RIVERSIDE
ENGINEERING DEPARTMENT

SHEET NO. _____

TABULATION OF TRAVERSE OF Sanitary Fill - 500 West Street - Traverse of Western Parcel - Parcel Lines
 SURVEYED BY Stino FIELD BOOK 528 PAGES 1 CALCULATED BY [Signature] DATE _____

FROM STATION	TO STATION	BEARING	DISTANCE	FUNCTIONS		SURVEYED				CORRECTED				TOTALS	
				COSINE	SINE	LATITUDE Y		DEPARTURE X		LATITUDE Y		DEPARTURE X		LATITUDE Y	DEPARTURE X
						NORTH +	SOUTH -	EAST +	WEST -	NORTH +	SOUTH -	EAST +	WEST -		
5	C	N405300E	747.37	756.0439	654.5209	565.04		489.17		565.04		489.17			
C	4	N5810700W	360.66	528.1914	849.1254	190.50			306.25	190.76			306.22		
4	3	S585000W	360.65	51.7524	385.5665		186.65		308.60		186.58		308.57		
3	2	S775220W	175.65	21.0692	69.7768		36.90		171.73		36.89		171.71		
2	1	S635830W	227.94	43.8763	38.9860		100.01		204.83		99.98		204.81		
1	5	S491520E	662.65	652.6863	75.7628		432.50	502.04		432.35	502.14				
			2534.92			755.54	756.66	991.21	991.41	755.80	755.80	991.31	991.31		
				ERROR = $\frac{0.53}{2535} = \frac{1}{4800}$			$\frac{55.4}{5.2} = 0.27$		$\frac{2.1}{1.0} = 0.01$		$\frac{2.3}{2.8} = 0.53$				
		EASTERN PARCEL													
C	E	N405300E	790.00	756.0439	654.5209	597.27		517.07		597.27		517.07			
E	F	S741900E	698.27	270.3204	962.7704		175.24	624.14			175.24	624.14			
F	G	S425920E	412.18	73.1485	68.1856		301.50	281.05			301.50	281.05			
G	7	S470040W	585.66	81.8565	73.1485		39.93		428.4		39.92		428.4		
7	8	N764630W	689.16	225.7757	973.4792	157.66			670.88	157.68			670.89		
8	9	S260600W	579.58	89.8027	64.3993		520.48		25.498		520.44		25.498		
9	C	N5810700W	534.13	528.1914	849.1254	282.12			453.54	282.15			453.55		
			3711.88			1037.05	1037.15	1422.26	1422.24	1037.10	1037.10	1422.26	1422.26		
				ERROR = $\frac{0.10}{3712} = \frac{1}{37120}$			$\frac{1.0}{0.5} = 0.01$		$\frac{0.51}{0.2} = 0.004$		$\frac{0.12}{0.1} = 0.10$				

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CITY OF RIVERSIDE
ENGINEERING DEPARTMENT

SHEET No. 2

File with 1084-D

TABULATION OF TRAVERSE OF Sanitary File San Jacinto Street Line of Proposed Property Lines to Traverses

SURVEYED BY STW

FIELD BOOK 528 PAGES 1

CALCULATED BY Z

DATE 8/18/52

FROM STATION	TO STATION	BEARING	DISTANCE	FUNCTIONS		SURVEYED				CORRECTED				TOTALS						
				COSINE	SINE	LATITUDE Y		DEPARTURE X		LATITUDE Y		DEPARTURE X		LATITUDE Y	DEPARTURE X					
						NORTH +	SOUTH -	EAST +	WEST -	NORTH +	SOUTH -	EAST +	WEST -							
4	3	S 58° 50' 00" W	360.65	542.56	1			1865.8		3085.7										
3	2	S 77° 52' 20" W	1756.5					365.9		1717.1										
2	1	S 63° 58' 30" W	2279.4					999.8		2048.1										
1	A	S 64° 58' 05" W	462	423.12	359.66	6720		195		419										
A	B	N 60° 39' 25" E	730.59	496.03	778.71	1696.3	(3580.2)			(636.85)										
B	A	S 58° 07' 00" E	617.5	528.19	1484.91	254		326.2		524.3										
						Y = 3580.2		X + 524.3 = 689.28												
1	5	S 54° 15' 20" W	662.65	500.56	1			432.50		502.04										
5	D	S 40° 53' 00" W	468	756.04	396.54	520.9	(434.09)		354											
D	A	N 49° 12' 55" W	664.54	653.21	837.57	1692		195		419										
A	1	N 64° 58' 05" E	462	500.66	1			432.50		502.04										
						Y + 195 = 436.04		X + 502.04 = 506.23												
I	H	N 25° 51' 55" E	614.04	899.82	1343.62	566	(552.52)			(267.88)										
H	B	S 18° 30' 00" E	533.6	948.32	373.17	304.7		506.0		169.3										
B	9	S 26° 06' 00" W	579.58	500.56	1			520.48		254.98										
9	I	N 58° 07' 00" W	351.3	528.19	1484.91	254		185.6		298.3										
						Y + 185.6 = 571.08		X + 169.3 = 284.81												
I₁	I₂	N 73° 52' 30" E	133.80	277.73	396.06	587	(371.6)			(128.54)										
I₂	I₁	S 23° 52' 05" W	100	899.82	243.63	002		899.8		436.3										
I₁	I₂	N 58° 07' 00" W	100	528.19	1484.91	254		528.2		849.1										
						Y + 528.2 = 899.8		X = 128.54												
H	G	S 11° 01' 00" E	777.79	223.02	217.74	705	(1562.2)			(770.65)										
G	7	S 47° 00' 40" W	585.6	560.56	1			399.3		428.4										
7	8	N 76° 46' 36" W	689.1	6	" "	" "		1576.6		670.88										
8	4	N 18° 30' 00" W	533.6	500.66	1			506.0		169.3										
						2082.6		Y + 399.3 = 4399.3		X = 730.65										

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