Property of CITY OF SCOTTSDALE
SURVEY DEPT.
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P.O. BOX 1000
SCOTTSDALE AZ 85252-1000
Telephone 391-5781

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
12216
JOHN E.
COURTNEY
Date Signed 10-17-96
ARIZONA, U.S.A.

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INDEX

GRANITE REEF WASH F.F. ELEVS

COS JN 96128

	PAGE	
BENCH RUN ALONG 87TH ST N. THOMAS RD TO McDOWELL RD.	1-2	9-9-96
BENCH RUN ALONG 85TH PL FROM McDOWELL TO ROOSEVELT & GRANITE REEF	3	9-9-96
BENCH RUN ALONG GRANITE REEF FROM ROOSEVELT TO CUDE-SAC TO SOUTH	4	9-9-96
F.F. EL. THOMAS RD	5	9-9-96
F.F. EL. EDGEMONT AVE, ROANOKE AVE	6-8	9-9-96

NOTE!!! Elevations are relative to NAD 88

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Flood Control District of MC Library
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2801 W. Durango
Phoenix, AZ 85009

9-9-96

STA	+	HI	−	EL	ADJ EL	DESC
BM				1226.12		C.O. PH. BC @ THOMAS ; PIMA
	4.31					
TBM ①			7.32	23.11	1223.11	① CHISLED 'X' TOP OF CURB ½WAY THROUGH CURVE @
	3.68					S.E. COR 87TH ; EDGEMONT
TBM ②			6.41	20.38	1220.38	② BC @ 87TH ; WINSOR
	5.22					
TBM ③			6.32	19.28	1219.29	③ BC @ 87TH ; VIRGINIA
	5.515					
TBM ④			6.51	18.285	1218.29	④ BC @ 87TH ; LEWIS
	5.405					
TBM ⑤			6.38	17.31	1217.32	⑤ BC @ 87TH ; VERNON
	4.83					
TBM ⑥			6.63	15.51	1215.52	⑥ BC @ 87TH ; CYPRESS
	5.065					
TBM ⑦			4.91	15.665	1215.68	⑦ CHISLED 'X' TOP OF CURB 'S' RETURN
	4.115					@ SE COR 87TH ; HOLLY
TBM ⑧			5.175	14.605	1214.62	⑧ CHISLED '□' TOP OF CURB 'S' RETURN
	4.005					@ SE COR 87TH ; HUBBELL (NORTH
						INTERSECTION OF TWO INT OF 87TH ; HUBBELL)
	(42.145)		(49.655)			

9-9-96

STA	+	HI	−	EL	ADJ EL	DESCRIPTION
		18.61				
TBM ⑨			6.01	12.60	1212.62	⑨ BC @ 87TH & PALM
	5.79					
TBM ⑩	" "		4.29	14.10	1214.12	⑩ BC & PC 87TH (NE OF LA'S MILK DEPOT)
	6.585					
TP			5.94	14.745		
	3.09					
TBM ⑪			3.72	14.115	1214.14	⑪ FH. SW COR N 85TH PL & MCDOWELL RD
	3.07					"N" CAP BOLT MKD "TBM 11"
TP			2.46	14.725		
	7.40					
BM			4.055	= 18.07	1218.10	
				= 1218.10		
				Δ = 0.03		
			(-8.05)			
	(25.935)		(26.475)			

STA	+	HI	−	ELEV	ADJ EL	DESC. 9-9-96
TBM (11)				1214.14		(11) SEE P.3 FH SW COR N 85TH PL ;
	2.53					McDOWELL RD 'N' CAP BOLT MKD "TBM 11"
TBM (12)			4.84	11.83	1211.83	(12) BC @ N 85TH PL ; BELLEVIEW PLACE
	4.39					
TBM (13)			6.04	10.18	1210.18	(13) BC @ N 85TH PL ; BELLEVIEW ST.
	3.645					
TBM (14)			7.16	06.67	1206.67	(14) BC @ N 84TH PL ; BELLEVIEW ST.
	4.95					
TBM (15)			6.01	05.61	1205.61	(15) BC @ N 84TH PL ; PORTLAND
	5.025					
TBM (16)			5.36	05.27	1205.27	(16) CHISLED "□" ON CURB 'S' SIDE OF 84TH PL. ~½ THROUGH
	4.095					CURVE TO THE WEST @ ADDRESS 8454 84TH PL
BM			666	02.709		BM: COS BC/HH @ ROOSEVELT ; GRANITE REEF
				=1202.70		
TBM				Δ +0.005		
	(24.635)		(3607)	(-11.435)		

STA	+	HI	−	EL	ADJ EL		DESC	9-9-98		
BM				1202.70		BM	COS BG/HH @ ROOSEVELT/GRANITE REEF			
	1.43									
TBM (17)			4.63	1199.50	1199.50	(17)	CHISLED "□" TOP OF CURB N RETURN ON N SIDE			
	4.635						OF MIDDLE ENTRANCE TO "SCOTTSDALE NEW			
							VENTURES" APTS.			
TBM (18)			7.01	1197.12	1197.12	(18)	PK/SHINER NEAR CTR CUL-DE-SAC-GRANITE REEF			
	5.56									
TBM 17			3.18	1199.50						
	5.60									
BM			2.40	1202.70		BM:	SAME AS BEGINNING			
				1202.70						
				Δ 0.00						
	(17.225)		(17.22)							

F.F. ELS THOMAS 120 W OF 87TH ST

STREET ADDRESS	+	HI	−	EL
TBM (1)				1223.11
	6.20	29.31		
8677			3.64	25.67
TP			4.07	25.24
	5.49	30.73		
8671			4.95	25.78
8665			4.38	26.35
8659			3.97	26.76
8655			3.84	26.89
TP			4.54	26.19
	5.47	31.66		
8647			4.35	27.31
8643			4.12	27.54
8637			4.09	27.57
TP			5.49	26.17
	2.33	28.50		
TBM (11)			5.38	1223.12
				= 1223.11
				Δ = + 0.01

DESC.

TBM (1) SEE P. 1

THOMAS RD

9-9-96

9-9-96

FF ELS. EDGEMONT AVE, ROANOKE AVE

STREET ADDRESS	+	HI	-	EL.
TBM (11)				1223.11
	6.10	29.21		
8701			3.42	25.79
8709			3.14	26.07
8678			3.43	25.78
8672			3.02	26.19
8673			3.70	25.51
8667			3.58	25.63
TP			5.19	24.02
	5.71	29.73		
8666			3.12	26.61
8660			3.00	26.73
8654			2.59	27.14
8648			2.48	27.25
8644			2.49	27.24
8638			2.43	27.30
8637			3.09	26.64
8643			3.07	26.66

DESC

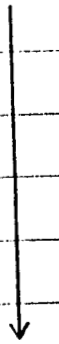
TBM (11) SEE P 1

EDGEMONT AVE

9-9-96

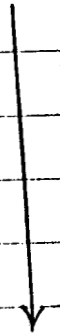
STREET ADDRESS	+	HI	−	EL.
		29.73		
8649			3.08	26.65
8655			3.17	26.56
8661			3.64	26.09
TP			4.40	25.33
	6.01	31.34		
8631			4.67	26.67
8625			4.21	27.13
TP			2.75	28.59
	3.72	32.31		
TP			6.71	25.60
	3.92	29.52		
8632			2.99	26.53
8638			3.18	26.34
8644			3.12	26.40
8650			3.22	26.30
8649			3.99	25.53
8641			3.41	26.11

EDGEMONT AVE



BC @ INT EDGEMONT & 86TH ST

ROANOKE AVE



9-9-96

STREET ADDRESS	+	HI	-	EL.
		29.52		
8632			3.45	26.07
8631			3.45	26.07
TP			5.86	23.66
	4.46	28.12		
8653			3.00	25.12
8659			3.35	24.77
8667			3.79	24.33
8656			1.97	26.15
8660			2.37	25.75
8668			2.82	25.30
8672			3.29	24.83
TP			7.13	20.99
	6.35	27.34		
8701			2.60	24.74
8707			2.15	25.19
8711			1.59	25.75
8710			1.97	25.37
8702			2.31	25.03
TBM ②			6.97	1220.37

=1220.38
Δ= -0.01

ROANOKE AVE

BC @ 87TH & ROANOKE

TBM ② SEE P. 1

WINDSOR AVE, CAMBRIDGE AVE

RON DRY
CHRIS ZWIEFEL

9-10-96

(189)

F.F. EL STREET ADDRESS	+	HI	-	ELEV.	DESC.
TBM (2)				1220.38	TBM (2) BC @ 87TH & WINDSOR
	6.51	26.89			WINDSOR AVE
8701			3.13	23.76	
8707			2.02	24.87	
8713			1.15	25.74	
8710			1.97	24.92	
8702			2.77	24.12	
8659			2.89	24.00	
TP			4.73	22.16	
	5.59	27.75			
8664			3.66	24.09	
8660			3.25	24.50	
8654			2.97	24.78	
8653			3.60	24.15	
8647			3.32	24.43	
TP			4.64	23.11	
	5.53	28.64			
8648			3.47	25.17	

9-10-96

STREET ADDRESS	+	HI	-	ELEV.	DESC
		28.64			
8642			3.03	25.61	WINDSOR AVE
8641			3.95	24.69	
8637			3.74	24.90	
8636			2.75	25.89	
8630			2.51	26.13	
8631			3.52	25.12	
8625			3.13	25.51	
8619			2.59	26.05	
TP			3.92	24.72	
	6.39	31.11			
8613			4.74	26.37	
8607			4.27	26.84	
8601			3.85	27.26	
TP			4.37	26.74	
	4.25	30.99			CAMBRIDGE AVE
8602			3.84	27.15	
8601			4.48	26.51	

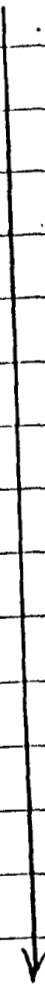
9-10-96

11

STREET ADDRESS	+	HI	−	RL.
		30.99		
8607			5.12	25.87
8608			4.83	26.66
8614			4.70	26.29
8613			5.38	25.61
TP			6.91	24.08
	3.90	27.98		
8619			3.04	24.94
8622			2.41	25.57
8626			3.13	24.85
8623			3.67	24.31
8629			4.00	23.98
8634			3.86	24.12
8635			4.27	23.71
8640			3.98	24.00
8641			4.64	23.34
TP			5.29	22.69
	4.76	27.45		

DESC

CAMBRIDGE AVE



9-10-96

STREET ADDRESS	+	HI	−	EL	DESC.
		27.45			
8644			3.78	23.67	CAMBRIDGE AVE
8647			4.40	23.05	
8655			4.58	22.87	
8652			3.97	23.48	
8656			4.31	23.14	
TP			7.64	19.81	BC @ 87TH & CAMBRIDGE
	6.04	25.85			
8701			2.43	23.42	
8707			0.86	24.99	
8708			1.35	24.50	
8702			2.62	23.23	
TBM ③	"		6.55	1219.30	TBM ③ SEE P.1 BC @ 87TH & VIRGINIA
" # 4				+1219.29	
" "				Δ + 0.01	
	(42.91)		(44.05)		

9-10-96

F.F. STREET ADDRESS	ELS +	VIRGINIA AVE HI	–	EL	DESC.
TBM ③				121.29	TBM ③ SEE P.1 @ 87TH & VIRGINIA
	7.96	27.25			
8701			3.69	23.56	VIRGINIA AVE
8709			2.77	23.46	
8702			3.74	23.51	
8708			2.60	24.65	
8714			2.63	24.62	
TP			3.42	23.83	
	5.15	28.98			
2542			4.00	24.98	N 87TH WAY
8720			3.46	25.52	VIRGINIA AVE
8726			2.69	26.29	
TP			7.29	21.69	
	5.43	27.12			
8650			4.36	22.76	
8644			3.67	23.45	
8645			4.19	22.93	
8639			3.95	23.17	

9-10-96

STREET ADDRESS	+	HI	−	EL.	DESC.
		27.12			
8638			3.34	23.78	VIRGINIA AVE
8634			3.12	24.00	
8633			2.89	24.23	
TP			4.14	22.98	
	6.16	29.14			
8626			4.71	24.43	
8627			4.79	24.35	
8621			4.52	24.62	
8620			4.08	25.06	
8614			3.25	25.89	
8608			2.95	26.19	
8613			4.13	25.01	
8609			3.75	25.39	
8601			3.52	25.62	
8602			2.92	26.22	
TP			6.09	23.05	
	3.68	26.73			
TBM ③			7.43	19.30	TBM ③ SEE P.1

+1219.29

FF EL. WILSHIRE DR, N 87TH WAY

STREET ADDRESS	+	HI	−	EL.
TBM ③				1219.29
	10.05	29.34		
2538			3.93	25.41
2542			4.36	24.98
TBM ③				1219.29
	5.98	25.27		
8702			2.06	23.21
8708			1.10	24.26
8707			1.28	23.99
8701			2.55	22.72
8646			2.64	22.63
8643			2.53	22.74
TP			4.03	21.24
	5.38	26.62		
8640			2.89	23.73

9-10-96

DESC

TBM ③ SEE P.1 BC @ 87TH & VIRGINIA

N 87TH WAY

" CHECK SHOT "

WILSHIRE DR.

9-10-96

STREET ADDRESS	+	HI	−	EL	DESC
		26.62			
8637			3.19	23.43	WILSHIRE DR
8631			3.09	23.53	
8634			2.58	24.04	
8628			2.41	24.21	
8624			2.00	24.62	
8618			2.04	24.58	
2538			2.47	24.15	N 86TH PL.
TP			3.53	23.09	
	4.29 ~~4.34~~	27.38			
2532			3.75	23.63	
2533			4.00	23.38	
2529			4.30	23.08	
~~2526~~			3.97	23.41	
2523			4.47	22.91	
2513			4.80	22.58	
2507			5.02	22.36	
11					

9-10-96

STREET ADDRESS	+	HI	−	EL	DESC
TP			5.91	21.47	
	4.36	25.83			
8633			3.36	22.47	LEWIS AVE
8637			4.10	21.73	
8632			2.85	22.98	
8640			3.55	22.28	
TP			5.69	20.14	
	5.89	26.03			
8702			3.84	22.19	
8712			2.60	23.43	
8711			2.81	23.22	
8707			3.37	22.66	
8701			3.89	22.14	
TBM ④			7.74	1218.29	TBM ④ SEE P.1 BC @ 87TH & LEWIS
				1218.29	
				Δ 0.00	
	(25.90)		(26.90)		

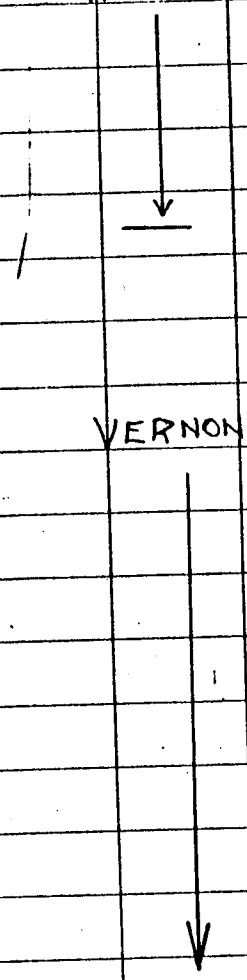
F.F. ELS SHERIDAN ST, VERNON

9-10-96

STREET ADDRESS	+	HI	−	EL.	DESC.
TBM 4				1218.29	
	6.17	24.46			
8702			3.27	21.19	SHERIDAN AVE
8710			2.89	21.57	
8716			1.50	22.96	
8717			1.08	23.38	
8713			1.64	22.82	
8707			2.70	21.76	
8701			3.42	21.04	
8638			3.69	20.77	
8633			3.63	20.83	
TP			4.11	20.35	
	5.71	26.06			
TB632			4.27	21.79	
8627			4.02	22.04	
8621			3.84	22.22	
2501			3.84	22.22	N 86TH PL

STREET ADDRESS	+	HI	-	EL.
		26.06		
8615			3.79	22.27
8607			3.28	22.78
TP			4.26	21.80
	5.90	27.70		
8601			4.63	23.07
TP			6.43	21.27
	4.53	25.80		
8601			3.85	21.95
8602			3.36	22.44
8608			3.55	22.25
8607			4.05	21.75
8613			4.24	21.56
8614			3.68	22.12
8620			4.33	21.47
8619			4.72	21.08
8625			4.25	21.55
TP			5.77	20.03
	3.23	23.26		

DESC



9-10-96

STREET ADDRESS	+	HI 23.26	−	EL
8631			2.49	20.77
8632			2.63	20.63
8626			1.68	21.58
8701			3.18	20.08
8702			3.05	20.21
TP			3.20	20.06
	5.27	25.33		
8710			4.16	21.17
8716			3.34	21.99
8720			2.11	23.22
8717			2.59	22.74
8713			3.72	21.61
8707			4.63	20.70
TBM (5)			8.01	17.32
				1217.32
			Δ	0.00
	(30.60)		31.76	

VERNON AVE

TBM (5) SEE P. 1 BC @ 87TH & VERNON

9-10-96

FF ELS. OAK ST., CYPRESS ST.

STREET ADDRESS	+	HI	-	EL.	ADJ EL		DESC
TBM (5)				1217.32	TBM (5)	SEE P1,	BC @ 87TH & VERNON
	5.09	22.39					
8701			1.54	20.85			OAK ST.
8702			1.61	20.78			
TP			3.30	19.09	19.08		
	6.96	26.04 ~~26.05~~					
8707			4.49	21.55			
8713			3.98	22.06			
8710			4.35	21.69			
8716			4.20	21.84			
8722			3.10	22.94			
8728			2.03	24.01			
TP			7.62	18.43	18.42		
	5.09	23.51 ~~23.52~~					
8628			2.65	20.86			
8622			2.31	21.20			
8625			4.10	19.41			
8619			3.43	20.08			

9-10-96

STREET ADDRESS	+	HI	-	ELEV	
		23.51			
TP			3.97	19.55	19.53
	4.96	24.49 ~~24.51~~			
8613			3.80	20.69	
8607			3.80	20.69	
8601			3.30	21.19	
8602			2.79	21.70	
8610			3.15	21.34	
8616			3.14	21.35	
TP			7.25	17.26	17.24
	4.50	21.74 ~~21.76~~			
8702			1.36	20.38	
8701			1.99	19.75	
8709			0.71	21.03	
~~8717~~ TP			3.62	1814	18.11
	6.37	24.48 ~~24.51~~			
8713			2.88	21.60	
8719			2.17	22.31	

DESC.

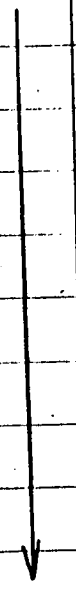
OAK

CYPRESS ST.

STREET ADDRESS	+	HI	−	EL.	
		24.48			
8716			2.20	22.28	
8710			3.19	21.29	
TP			7.87	16.64	16.61
	6.12	22.73 ~~22.96~~			
8672			3.41	19.32	
8666			3.16	19.57	
8660			2.83	19.90	
8654			2.24	20.49	
8655			3.05	19.68	
8661			3.86	18.87	
8667			4.53	18.20	
TBM ⑥			7.20	1215.56	
				=1215.52	
				Δ= +0.04	
	(3907)		(40.81)		

DESC

CYPRESS ST



TBM ⑥ SEE P. 1 BC @ 87TH & CYPRESS

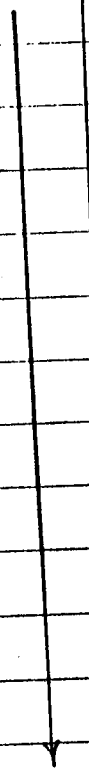
9-10-96

F.F. EL. MONTE VISTA, HOLLY

STREET ADDRESS	+	HI	−	EL.
TBM ⑥				1215.52
	5.25	20.77		
8661			2.29	18.48
8655			1.66	19.11
8654			1.74	19.03
8660			2.42	18.35
8701			2.19	18.58
8711			0.88	19.89
8702			1.83	18.94
TP			3.96	16.81
	6.38	23.19		
8717			2.68	20.51
8723			2.02	21.17
8722			1.64	21.55
8716			2.16	21.03
8710			2.73	20.46
TP			7.25	15.94
	4.41	20.35		

TBM ⑥ SEE P1 BC @ 87TH & CYPRESS

MONTE VISTA RD



9-10-96

STREET ADDRESS	+	HI	−	EL.				DESC.			
		20.35									
8658			1.57	18.78				HOLLY	ST		
8654			1.04	19.31							
TP			3.43	16.92							
	5.29	22.21									
8646			2.48	19.73							
8643			2.92	19.29							
8649			3.24	18.97							
TBM (7)			6.53	15.68		TBM (7)	SEE P 1	CH'XL T.O.C. S RET SE COR 87th HOLLY			
				= 1215.68							
				Δ = 0.00							
	(21.33)		(21.17)								

R. DAY
C. ZWIEFEL

9-11-96

STREET ADDRESS	+	HI	−	EL			DESC.		
TBM (7)				1215.68	TBM (7)	SEE P.1	CH'Y T.O.C., S'RET & SE COR 87TH & HOLLY		
	6.21								
2035			4.55	17.34			N 87TH ST.		
8709			4.06	17.83			HOLLY		
8715			3.06	18.83					
8721			2.92	18.97					
8722			2.31	19.58					
8716			2.45	19.44					
8710			3.33	18.56					
8702			4.47	17.42					
TBM (7)			6.21	15.68	TBM (7)	SAME AS BEGINNING			
				1215.68					
				Δ: 0.00					

F.F. ELS. N 87TH ST, E. DIANNA DR., E HUBBELL ST. 9-11-96

STREET ADDRESS	+	HI	−	EL.
TBM ⑦				1215.68
	4.19	19.87		
2029			2.17	17.70
2023			2.09	17.78
2032			1.17	18.70
2036			1.72	18.15
2044			1.32	18.55
2026			1.89	17.98
2018			2.08	17.79
2011			2.13	17.74
TP			3.65	16.22
	6.16	23.38		
8712			4.70	17.68
8718			3.89	18.49
8724			3.56	18.82
8723			3.47	18.91
8717			3.69	18.69
8711			4.32	18.06

TBM ⑦

DESC.

N 87TH ST.

E. DIANNA DR.

9-11-96

STREET ADDRESS	+	HI	−	EL	DESC.
		22.38			
TP			7.13	15.25	
	4.10	19.35			
2007			1.43	17.92	
2001			1.66	17.69	
2010			1.79	17.56	
1827			3.23	16.12	
8707			2.47	16.88	
TP			3.32	16.03	
	5.92	21.95			
8713			4.59	17.36	
8719			3.98	17.97	
8725			3.47	18.48	
8731			2.78	19.17	
8724			3.18	18.77	
8718			3.56	18.39	
8712			3.95	18.00	
TBM ⑧			7.33	1214.62	TBM ⑧ CH'D" TO 'S' RET @ SE COR 87TH & HUBBELL
				1214.62	
				Δ= 0.00	

N 87TH ST.

↓

E. HUBBELL ST

↓

9-11-96

F.F. ELS. 87TH ST, E HUBBELL ST, N 86TH PL, E DIANNA DR, PALM LN.

STREET ADDRESS	+	HI	−	EL.	DESC.
TBM (8)				1214.62	TBM (8) CH'D' SPIKE SE COR 87TH & E. HUBBELL
	4.66	19.28			
1823			3.46	15.82	N 87TH ST
1819			3.31	15.97	"
8643			1.91	17.37	E. HUBBELL ST.
8650			2.30	16.98	↓
8646			1.62	17.66	
TP			2.81	16.47	
	5.22	21.69			
8637			3.64	18.05	
2017			3.28	18.41	N 86TH PL.
2023			2.99	18.70	"
8646			2.42	19.27	E. DIANNA DR
TP			7.21	14.48	
	4.10	18.58			
1811			2.26	16.32	N 87TH ST
1834			1.48	17.10	"
8702			2.80	15.78	PALM LANE

STREET ADDRESS	+	HI	-	EL	DESC.
		18.58			
8701			3.09	15.49	PALM LN.
8643			2.60	15.98	
TP			4.86	13.72	
	6.93	20.65			
8637			4.01	16.64	
8633			3.19	17.46	
8625			2.61	18.04	
8632			3.41	17.24	
8638			4.14	16.51	
TBM (9)			8.02	1212.63	TBM (9) SEE P 2 BC @ 87TH & PALM.
				1212.62	
			Δ=	0.01	
	(20.91)		(22.90)		

9-11-96

FF. EL E. PALM LN, FOREST DR.

STREET ADDRESS	+	HI	−	EL.
TBM (9)				1212.62
	7.82	20.44		
8708			4.13	16.31
8714			3.38	17.06
8707			3.81	16.63
8713			2.83	17.61
8719			2.61	17.83
TP			4.03	16.41
	5.46	21.87		
8725			3.55	18.32
8731			3.25	18.62
8734			3.17	18.70
8730			3.44	18.43
8722			4.09	17.78
TP			6.12	15.75
	5.65	21.40		
8716			4.90	16.50
8720			4.76	16.64

TBM (9)

DESC.

PALM LN

E FOREST DR.

"

STREET ADDRESS	+	HI	-	EL.	DESC.
		21.40			
8726			4.50	16.90	E FOREST OR
8723			3.50	17.90	
8731			3.04	18.36	
8732			4.07	17.33	
8738			3.42	17.98	
TP			3.94	17.46	
	5.28	22.74			
8744			4.48	18.26	
8748			3.88	18.86	
8737			3.81	18.93	
TP			6.56	16.18	
	3.98	20.16			
TBM ⑨			7.53	12.63	TBM ⑨ SAME AS BEGINNING
				=1212.62	
				Δ=+0.01	
	(28.19)		(28.18)		

9-11-96

FF. ELS / STREET ADDRESS	87TH ST, +	CORONADO RD, HI	GRANADA RD, −	EL.
TBM (9)				1212.62
	5.29	17.91		
1652	(DUPLEX)		1.80	16.11
1645			1.95	15.96
8638	(DUPLEX)		1.59	16.32
8633 / 8635			2.83	15.08
TP			3.60	14.31
	5.37	19.68		
8637 / 39 / 41			5.67	14.01
8629 / 31			4.67	15.01
8623 / 25 / 27			4.53	15.15
8619 / 21			4.00	15.68
8632	(DUPLEX)		3.40	16.28
8624	(DUPLEX)		3.16	16.52
TP			3.35	16.33
	4.90	21.23		
8614			3.50	17.73
8608			3.20	18.03

DESC.

TBM (9) SEE P1 BC @ 87TH & PALM.

N 87TH ST

"

CORONADO

STREET ADDRESS	+	HI	−	EL.	DESC
		21.23			
8602			2.84	18.39	CORONADO
8615 17			5.30	15.93	
8609 11 13			5.11	16.12	
8605 07			4.10	17.13	
8601	(4-PLEX)		3.63	17.60	
TP			4.54	16.69	
	5.63	22.32			
8443	(4-PLEX)		4.65	17.67	
8439	(4-PLEX)		3.84	18.48	
TP			6.36	15.96	
	6.47	22.43			
8628			5.44	16.99	GRANADA
8622			4.69	17.74	
8613			3.51	18.92	
8607			3.41	19.02	
TP			6.47	15.96	
	1.44	17.40			
TBM (10)			3.29	14.11	SEE P.2 BC & PC 87TH (NE OF LA'S MILK DEPOT)
	(29.10)		(29.01)	=1214.12 Δ = -0.01	

FF. EL. CORONADO RD, 87TH ST. McDOWELL RD. 9-11-96

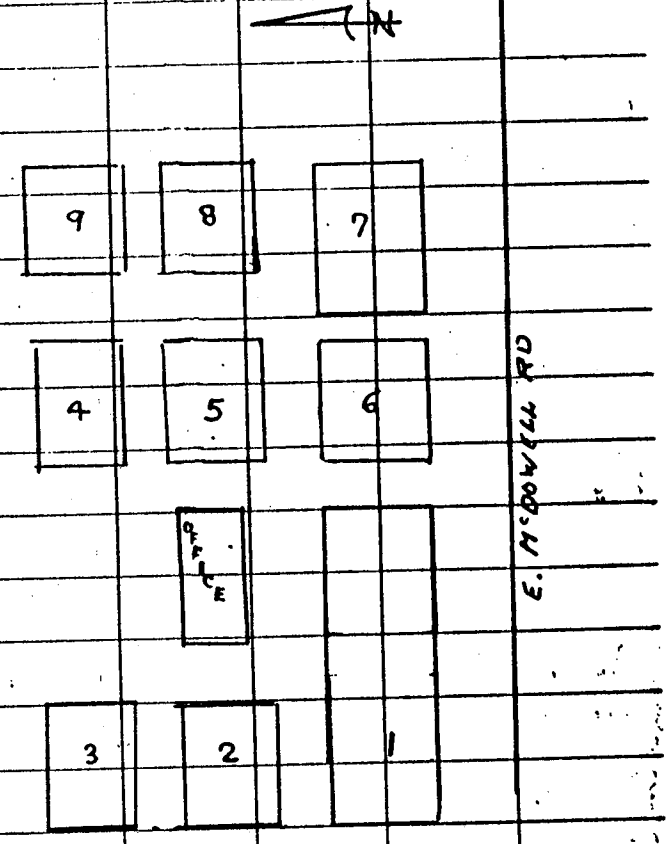
STREET ADDRESS	+	HI	−	EL			DESC.		
TBM (10)				1214.12	TBM (10)	SEE P2	DC & PC 87TH (NE OF LAS MILK DEPOT)		
	5.77	19.89							
8701			3.60	16.29			CORONADO RD.		
8707			3.37	16.52					1.72
8713			2.72	17.17					
8726			2.27	17.62					
8722			2.66	17.23					
8716			2.98	16.91					
8708			3.38	16.51					
1626			4.17	15.72			N 87TH ST.		
1620			3.85	16.04			"		
TP			5.77	14.12					
	7.06	21.18							
1615			4.95	16.23			N 87TH ST.		
8708			4.88	16.30			E. McDOWELL RD		1.10
8718			4.99	16.19			"		"
8650			4.28	16.90			"		
8521			5.53	15.65		BLDG A	NW APT BLDG "		
TBM (10)			7.06	14.12 1214.12					

FF EL. @ APT COMPLEX 8550 E. McDOWELL

9-11-96

BUILDING NUMBER	+	HI	-	ELEV
TBM (11)				1214.14
	5.87	20.01		
BLDG 7			4.22	15.79
BLDG 8			3.80	16.21
BLDG 9			3.71	16.30
BLDG 4			3.77	16.24
BLDG 5			3.80	16.21
BLDG 6			4.31	15.70
TP.			4.34	15.67
	5.13	20.80		
OFFICE			4.44	16.36
BLDG 1			4.62	16.18
TP			5.02	15.78
	6.10	21.88		
BLDG 2			4.58	17.30
BLDG 3			3.62	18.26
TP			6.59	15.29
	2.79	18.08		
TBM (11)			3.94	14.14 = 1214.14

TBM (11) F.H. S.W. COR N 85TH PL & McDOWELL 'N' CAP BOLT



TBM (11) SAME AS BEGINNING

9-11-96

STREET ADDRESS	+	HI	−	ELEV	DESC.
TBM (13)		..		1210.18	TBM (13) SEE P. 3 BC @ 85TH PL & BELLEVIEW ST.
	641	16.59			
8552 54 56 58			3.58	13.01	E. BELLEVIEW ST.
1312 14 16 18			4.04	12.55	N. 85TH
TP			5.55	11.04	
	530	16.34			
8544 46 48 50			3.83	12.51	E. BELLEVIEW
1320 22 24 26			4.00	12.34	N. 85TH
1328 30 32 34			3.80	12.54	N. 85TH
8536 38 40 42			3.84	12.50	E. BELLEVIEW
TP			5.66	10.68	
	5.24	15.92			
1336 38 40 42			3.53	12.39	N. 85TH
1344 46 48 50			3.53	12.39	N. 85TH
8528 30 32 34			3.53	12.39	E. BELLEVIEW
8520 22 24 26			3.47	12.45	E. BELLEVIEW
B-86 1317 19 21 23			3.50	12.42	N. 84TH
B-85 1309 11 13 15			3.42	12.50	N. 84TH

STREET ADDRESS	+	HI	−	EL.			DESC.		
		15.92							
TP			5.74	10.18					
	5.30	15.48							
B-87 {1315 29 / 27 31}			3.02	12.46			N. 84TH		
TP			5.68	980					
	3.90	13.70							
B-84 {1301 05 / 03 07}			1.64	12.06			N 84TH		
TBM (14)			7.04	06.66		TBM (14) SEE P.J		BC@ N 84TH	BELLEVIEW ST
				120.67					
				0.01					
	(28.15)		(24.67)						

9-11-96

STREET ADDRESS	+	HI	-	EL.			
TBM (14)				120667	TBM (14) SEE P. 3	BC @ 85TH & BELLEVUE ST	
	7.04	13.71					
TP			5.80	07.91			
	6.16	14.07					
1274 78 / 76 80			2.62	11.45		N 85TH	
1266 70 / 68 72			2.58	11.49		"	
8521 25 / 23 27			2.48	11.59		E. BELLEVIEW	
8529 33 / 31 35			2.40	11.67		"	
TP			4.86	9.21			
	6.36	15.57					
1258 62 / 60 64			3.80	11.77		N 85TH	
1250 54 / 52 56			3.27	12.30		"	
1242 46 / 44 48			3.04	12.53		"	
8545 49 / 47 51			3.18	12.39		E BELLEVIEW	
8537 41 / 39 43			3.70	11.87		"	
TP			4.30	11.27			
	3.81	15.08					
TBM (13)			4.89	10.19	TBM (13) SEE P 3	BC @ 85TH & BELLEVIEW	
				1210.18			
				+ 0.01			
	23.37		(19.85)				(143)

R DRY
C ZWICKEL

9-12-96

STREET ADDRESS	+	HI	-	EL.	DESC.
TBM (14)				1206.67	TBM (14) SEE P 3 BCC 84TH & GELLEVIEW
	7.58	14.25			
1264 68 / 66 70			2.60	11.65	N 84 TH
1272 76 / 74 78			2.68	11.57	"
1287 71 / 69 73			2.64	11.61	GR. REEF
1259 63 / 61 65			2.57	11.68	
TP			2.76	11.49	
	3.16	14.65			
1251 55 / 53 57			3.43	11.22	
1243 47 / 45 49			3.62	11.03	
1235 39 / 37 41			3.65	11.00	
1227 31 / 29 33			3.77	10.88	
1219 23 / 21 25			3.91	10.74	
TP			5.60	9.05	
	4.02	13.07			
1211 15 / 13 17			3.05	10.02	
1201 05 / 03 07			3.02	10.05	
1141 45 / 43 47			2.98	10.09	

9-12-96

STREET ADDRESS	+	HI	−	EL.		DESC.
		13.07				
1121 25 / 23 27			3.52	9.55		GR. REEF
1101 05 / 03 07			4.80	8.27		
1111 15 / 13 17			4.80	8.27		
1131 35 / 33 37			4.02	9.05		
1049 53 / 51 55			5.70	7.37		
1041 45 / 43 47			5.70	7.37		
1033 37 / 35 39			5.85	7.22		
TP			5.03	8.04		
	2.76	10.80				
1132 36 / 34 38			2.26	8.54		
1112 16 / 14 18			2.81	7.99		
TBM (15)			5.17	05.63	TBM (15)	
				1205.61		
				0.02		
	(17.52)		18.56			

9-12-96

STREET ADDRESS	+	HI	-	EL.				DESC			
TBM 15				1205.61		TBM 15	SEE P. 3	BC @ 84TH & PORTLAND			
	9.30	12.91									
TP			4.64	8.27							
	5.21	13.48									
1234 38 / 36 40			2.29	11.19				85TH			
1226 30 / 28 32			2.21	11.27				"			
8500 24 / 22 26			4.22	9.26				PORTLAND			
8528 32 / 30 34			3.78	9.70				"			
TP			2.67	10.81				"			
	4.13	14.94									
8536 40 / 38 42			4.37	10.57				"			
8544 48 / 46 50			3.85	11.09				"			
1218 22 / 20 24			3.37	11.57				85TH			
1210 14 / 12 16			2.98	11.96				"			
8582 56 / 54 58			3.35	11.59				PORTLAND			
1202 06 / 04 08			2.52	12.42				85TH			
TP			5.97	8.97							
	5.86	14.83									

9-12-96

STREET ADDRESS	+	HI	−	EL.				
		14.83						
8537 41 / 39 43			4.33	10.50			PORTLAND	
1135 39 / 37 41			4.39	10.44			84TH	
1127 31 / 29 33			4.42	10.41			"	
8529 33 / 31 35			4.36	10.47			PORTLAND	
TP			5.07	9.76				
	3.22	12.98						
1119 23 / 21 25			3.61	9.37			84TH	
8521 25 / 23 27			3.77	9.21			PORTLAND	
1111 15 / 13 17			4.45	8.53			84TH	
TP			6.87	6.11				
	5.39	11.50						
TBM (15)			5.90	5.60	TBM (15)		SAME AS BEGINNING	
				120561				
				Δ 0.01				
	31.11		31.12					

9-12-96

STREET ADDRESS	+	HI	-	EL			DESC		
TBM (15)				1205.61	TBM (15) SEE P.3		BC @	84TH &	PORTLAND
	5.90	11.51							
TP			5.96	5.55					
	6.97	12.52							
1061 65 / 63 67			4.56	7.96			84TH		
1069 73 / 71 75			3.93	8.59					
1021 25 / 23 27			4.75	7.77					
1029 33 / 31 35			5.01	7.51					
1037 41 / 39 43			4.14	8.38					
1045 49 / 47 51			3.46	9.06					
1085 89 / 87 91			2.94	9.58					
1077 81 / 79 83			3.35	9.17					
TP			5.58	6.94					
	5.04	11.98							
8542 46 / 44 48			4.68	7.30			ROOSEVELT		
8550 54 / 52 56			4.53	7.45					
8538 62 / 60 64			3.74	8.24					
8526 30 / 28 32			4.23	7.75					

9-12-96

STREET ADDRESS	+	HI	-	EL.	DESC.
		11.98			
8518 22 / 20 24			4.61	7.37	ROOSEVELT
8510 14 / 12 16			4.92	7.06	
8502 06 / 04 08			4.37	7.61	
8534 38 / 36 40			4.78	7.20	
8446 50 / 48 52			5.12	6.86	
8430 34 / 32 36			5.47	6.51	
TP			5.42	6.56	
	4.03	10.59			
8414 18 / 16 20			4.45	6.14	
TP			4.64	5.95	
	4.04	09.99			
8406 10 / 08 12			3.88	6.11	
8432 26 / 24 28			3.60	6.39	
[illegible] 13 / 11 15			3.61	6.38	GR. REEF
[illegible] 05 / 03 09			3.95	6.04	"
BM			7.26	02.73	BM BC @ GRANITE REEF & ROOSEVELT
				=1202.70	
	(25.98)		28 56		

9-12-96

FF STREET ADDRESS	+	HI	-	EL	DESC
BM				1202.70	BM BC @ GRANITE REEF & ROOSEVELT
	6.99	09.69			
985			3.95	5.74	GRANITE REEF (NORTHERN BLDG)
TP			3.24	6.45	
	5.98	1243			
967			2.96	9.47	N 85TH ST
980			3.16	9.27	"
974			2.34	10.09	"
TP			6.58	5.85	
	3.34	9.19			
TP			7.37	1.82	
	3.75	5.57			
985			1.39	4.18	GRANITE REEF (SOUTHERN BLDG)
935			2.38	3.19	"
TP			6.18	(-)0.61	
	4.43	1203.82			
885			1.46	02.36	

9-12-96

STREET ADDRESS	+	HI	-	EL.				DESC.			
		1203.82									
835 N			4.25	11,99.57			GRANITE	REEF -	N.	BLDG	
835 S			4.45	1199.37			"	"	S	"	
TBM (18)			6.71	97.11		TBM (18)	SEE P. 4	PK & SHINER			
				=1197.12							
			Δ=	0.01							

FLOOD PLANE STUDY
84th Street

NEAR

ROOSEVELT & GRANULITE REEF

Vertical Control
And Finish Floor Elevations 1 of 7

1-17-95
⊼ B. Lenhart, & E. Egerre

+	HI	-	NAGVD'29 ELEV.	ADJ. NAVD'88 ELEV.	DESC. LOT #
			1200.785		C.O.S. BC HH. @ Roosevelt & Granite Reef
6.652	07.437				
		3.27	04.17	1206.12	10 FF
		3.78	03.66	1205.66	10 - GRND
		3.05	04.39	1206.39	9 FF
		3.73	03.71	1205.71	9 GRND
		5.180	02.257		T/C PCR S. Granite Reef 2 of 5
5.820	08.077				
		4.534	03.543		SET 60d NAIL TYP #3
6.028	09.571				
		4.80	04.77	1206.77	8 FF
		5.20	04.37	1206.37	8 GRND
		4.81	04.76	1206.76	13 FF
		5.19	04.47	1206.47	13 GRND
		5.12	04.45	1206.45	12 FF
		5.45	04.12	1206.12	12 GRND
		5.39	04.18	1206.18	11 FF
		5.59	03.98	1205.98	11 GRND
		5.12	04.45	1206.45	16 FF
		5.48	04.09	1206.09	16 GRND
		4.76	04.81	1206.81	15 FF
		5.16	04.41	1206.41	15 GRND

+	HI	−	NAGVD '29 ELEV.	Adj.	NAVD '88 ELEV.	DESC
	9.571					Lot #
		4.40	05.17		1207.17	1A FF
		4.83	04.74		1206.74	1A GRND
		5.237	04.334		1206.33	SET 60d NAIL TYP #4
5.724	10.118					
		4.73	05.39		1207.39	32 FF
		5.10	05.02		1207.02	32 GRND
		4.41	05.71		1207.71	56 FF
		4.79	05.33		1207.33	56 GRND
		3.86	06.26		1208.26	55 FF
		4.25	05.87		1207.87	55 GRND
		3.54	06.58		1208.58	54 GRND
		3.88	06.24		1208.24	54 GRND
		4.75	05.37		1207.37	2 FF
		5.00	05.12		1207.12	2 GRND
		4.64	05.48		1207.48	3 FF
		5.07	05.05		1207.05	3 GRND
		4.63	05.49		1207.49	4 FF
		5.08	05.04		1207.04	4 GRND
		3.91	06.21		1208.21	37 FF
		4.28	05.84		1207.84	37 GRND
		4.02	06.10		1208.10	38 FF
		4.29	05.83		1207.83	38 GRND
		4.23	05.89		1207.89	39 FF
		4.63	05.49		1207.49	39 GRND

+	HI	−	NAGVD '29 ELEV.	ADJ NAVD '88 ELEV.	DESC
	10.118				Lot #
		4.20	05.92	1207.92	40 FF
		4.62	05.50	1207.50	40 GRND
		3.80	06.32	1208.32	41 FF
		4.21	05.91	1207.91	41 GRND
		6.445	03.673	1205.67	Fd GAS BC FLUSH 84 ST & PORTLAND TVP 5
6.412	10.085				
		2.85	07.24	1209.24	69 FF
		3.32	06.77	1208.77	69 GRND
		2.84	07.25	1209.25	68 FF
		3.44	06.65	1208.65	68 GRND
		3.41	06.68	1208.68	52 FF
		3.92	06.17	1208.17	52 GRND
		3.63	06.46	1208.46	51 FF
		4.03	06.06	1208.06	51 GRND
		1.[illegible]	08.79	1210.79	78 FF
		1.94	08.15	1210.15	78 GRND
		1.20	08.89	1210.89	79 FF
		2.04	08.05	1210.05	79 GRND
		1.01	09.08	1211.08	80 FF
		1.56	08.53	1210.53	80 GRND
		1.08	09.01	1211.01	100 FF
		1.62	08.47	1210.47	100 GRND
		1.17	08.92	1210.92	99 FF
		1.67	08.42	1210.42	99 GRND

+	HI	−	NAGVD'29 ELEV.	Adj.	NAVD'88 ELEV.	DESC.
	16.085					LOT #
		1.21	08.88		1210.88	98 FF
		1.70	08.39		1210.39	98 GRND
		2.01	08.08		1210.08	48 FF
		2.34	07.75		1209.75	48 GRND
		2.49	07.60		1209.60	49 FF
		3.15	06.94		1208.94	49 GRND
		3.03	07.06		1209.06	50 FF
		3.42	06.67		1208.67	50 GRND
		2.10	07.99		1209.99	45 FF
		2.44	07.65		1209.65	45 GRND
		2.59	07.50		1209.50	44 FF
		3.06	07.03		1209.03	44 GRND
		3.13	06.91		1208.91	43 FF
		3.55	06.54		1208.54	43 GRND
		3.59	06.50		1208.50	42 FF
		4.06	06.03		1208.03	42 GRND
		5.390	04.695			T/C W. SIDE 94 St
5.886	10.581					
		1.41	09.17		1211.17	103 FF
		2.10	08.48		1210.48	103 GRND
		1.12	09.46		1211.46	112 FF
		1.91	08.67		1210.67	112 GRND
		5.852	04.729		1206.73	Fd C.O.S. at [illegible] 3rd St & Bellerview TYP 6
8.150	12.879					

+	HI	−	NAGVD'29 ELEV.	ADJ	NAVD'88 ELEV.	DESC.
	12.879					Cot #
		2.43	10.45		1212.45	123 FF
		3.09	09.79		1211.79	123 GRND
		2.43	10.45		1212.45	87 FF
		3.10	09.78		1211.79	87 GRND
		2.40	10.48		1212.48	86 FF
		3.01	09.87		1211.87	86 GRND
		2.46	10.42		1212.42	85 FF
		3.22	09.66		1211.66	85 GRND
		2.82	10.06		1212.06	84 FF
		3.56	09.32		1211.32	84 GRND.
		7.880	04.999		1207.00	Fd. COS. B.C. ∡Pt Cul-de-sac 84 ST
5.659	10.658					
		1.29	09.37		1211.37	83 FF
		1.88	08.78		1210.78	83 GRND
		1.42	09.24		1211.24	82 FF
		1.87	08.79		1210.79	82 GRND
		1.56	09.10		1211.10	81 FF
		2.08	08.58		1210.58	81 GRND
		1.55	09.11		1211.11	101 FF
		2.00	08.66		1210.66	101 GRND
		1.60	09.06		1211.06	102 FF
		2.14	08.52		1210.52	102 GRND
		1.03	09.63		1211.63	89 FF
		1.67	08.99		1210.99	89 GRND

+	HI	-	NAGVD '29 ELEV.	Adj	NAVD '88 ELEV.	DESC
	10.658					LOT #
		2.308	08.35			T/C Bulkhose behind Lots 89-90
5.433	13.783					
		4.19	09.59		1211.59	90 FF
		4.76	09.02		1211.02	90 GRND
		4.20	09.58		1211.58	91 FF
		4.77	09.01		1211.01	91 GRND
		4.22	09.56		1211.56	92 FF
		4.74	09.04		1211.04	92 GRND
		4.48	09.30		1211.30	93 FF
		4.99	08.79		1210.79	93 GRND
		4.71	09.07		1211.07	94 FF
		5.12	08.66		1210.66	94 GRND
		4.74	09.04		1211.04	95 FF
		5.25	08.53		1210.53	95 GRND
		4.87	08.91		1210.91	96 FF
		5.27	08.51		1210.51	96 GRND
		4.95	08.83		1210.83	97 FF
		5.47	08.31		1210.31	97 GRND
		6.305	07.478			T/C E SIDE GRANNITE ROOF
4.258	11.736					
		3.75	07.99		1209.99	47 FF
		4.03	07.71		1209.71	47 GRND
		3.64	08.10		1210.10	46 FF
		4.14	07.60		1209.60	46 GRND

+	HI	−	NAGVD '29 ELEV.	ADJ	NAVD '88 ELEV.
	11.736				
		6.870	04.866		
4.100	08.966				
		3.52	05.45		1207.45
		3.86	05.11		1207.11
		3.63	05.34		1207.34
		3.89	05.08		1207.08
		3.68	05.29		1207.29
		4.04	04.93		1206.93
		4.11	04.86		1206.86
		4.93	04.04		1206.04
		6.730	02.236		
4.622	06.858				
		6.090	1200.768		

Closure = -0.017'

DESC

LOT #

T/C E S.W.C. Granulite Roof

4 FF

4 GRND

5 FF

5 GRND

6 FF

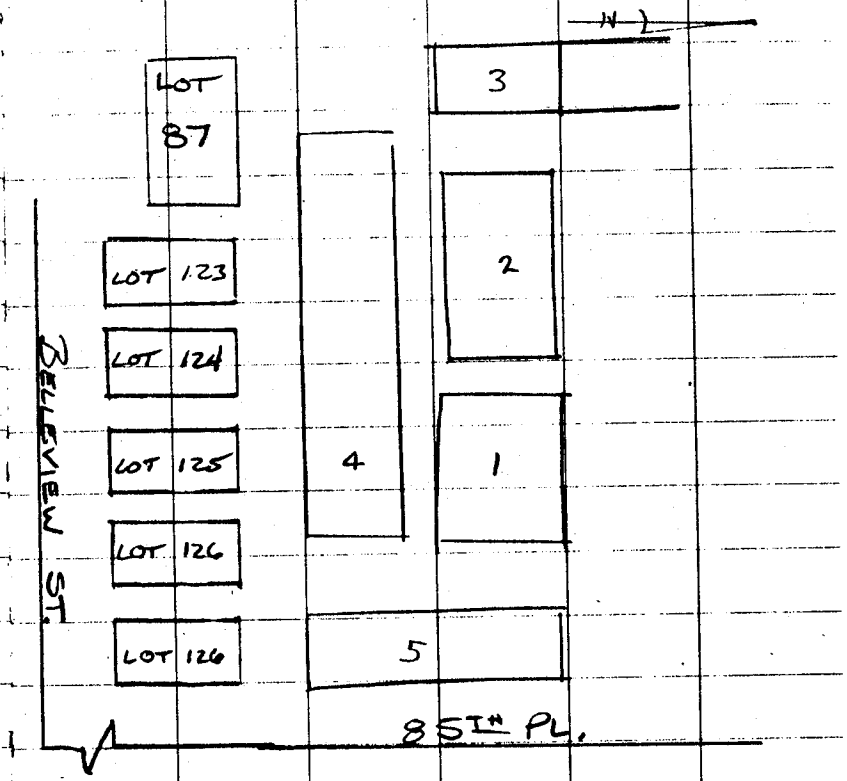
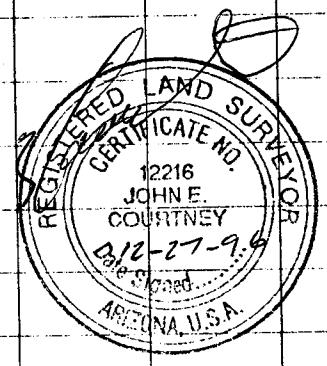
6 GRND

7 FF

7 GRND

T/C S. Ret. Granulite Curb @ 84 St.

C.O.S. B.C. HH. Roosevelt @ Granulite Roof

SUPPLEMENT TO GRANITE REEF WASH F.F. ELEVATIONS 9/9 - 9/12/96

STA	+	HI	−	ELEV.
~~TBM 11~~				~~1206.67~~
	~~7.37~~			
TBM 12				1211.83
	5.27	1217.10		
1406 N 85TH PL.				
BLDG 5			3.33	1213.77
BLDG 4			3.36	1213.74
BLDG 1			3.44	1213.66
TP			5.52	1211.58
	4.56	1216.14		
BLDG 2			2.49	1213.65
BLDG 3			2.45	1213.69
TP			3.87	1212.27
	4.70	1216.97		
TBM 12			5.13	1211.84
				1211.83
				Δ=+0.01