RECORD OF SURVEY

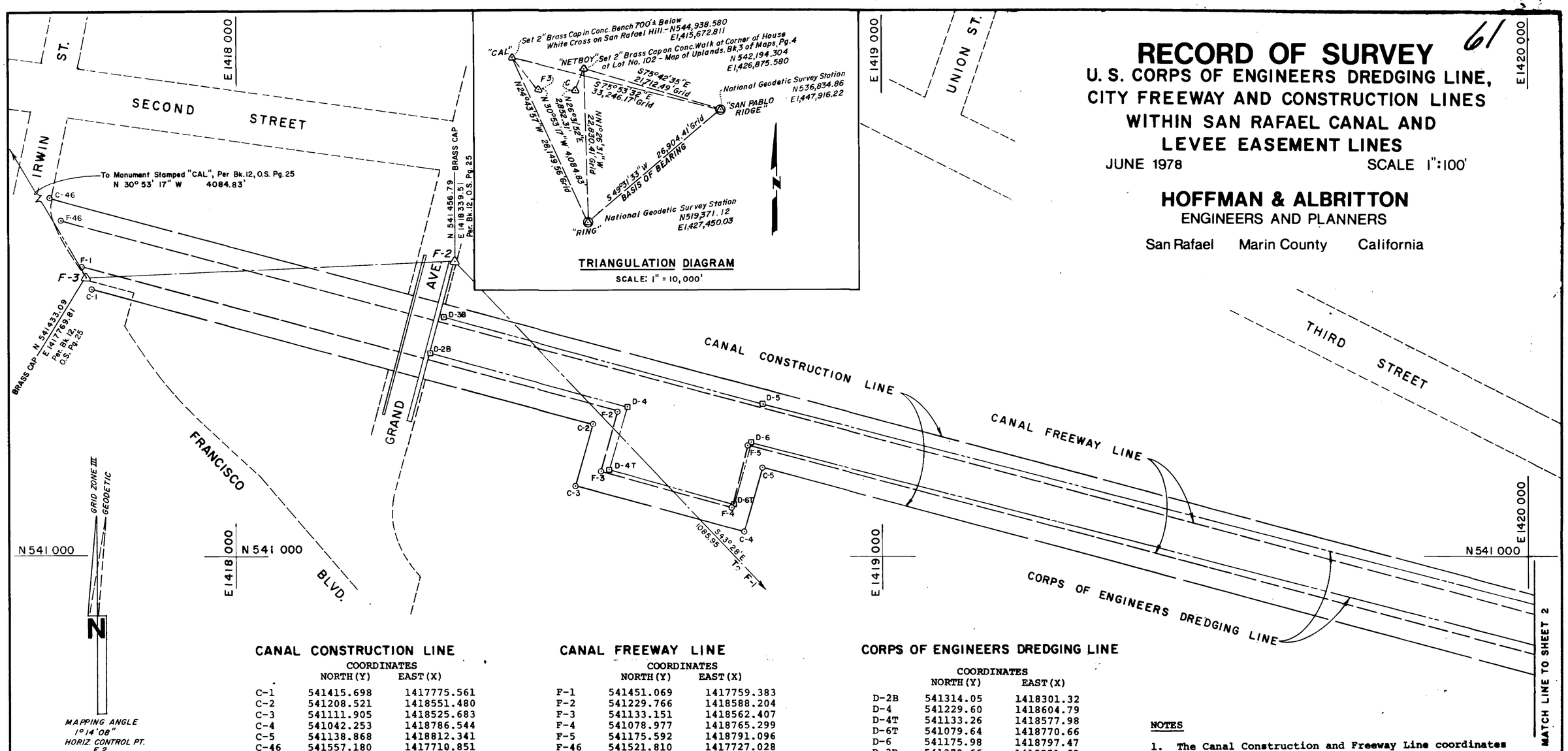
61

U. S. CORPS OF ENGINEERS DREDGING LINE, CITY FREEWAY AND CONSTRUCTION LINES WITHIN SAN RAFAEL CANAL AND LEVEE EASEMENT LINES

JUNE 1978 SCALE 1":100'

HOFFMAN & ALBRITTON
ENGINEERS AND PLANNERS

San Rafael Marin County California



CANAL CONSTRUCTION LINE

	COORDINATES NORTH (Y)	EAST (X)
C-1	541415.698	1417775.561
C-2	541208.521	1418551.480
C-3	541111.905	1418525.683
C-4	541042.253	1418786.544
C-5	541138.868	1418812.341
C-46	541557.180	1417710.851

CANAL FREEWAY LINE

	COORDINATES NORTH (Y)	EAST (X)
F-1	541451.069	1417759.383
F-2	541229.766	1418588.204
F-3	541133.151	1418562.407
F-4	541078.977	1418765.299
F-5	541175.592	1418791.096
F-46	541521.810	1417727.028

CORPS OF ENGINEERS DREDGING LINE

	COORDINATES NORTH (Y)	EAST (X)
D-2B	541314.05	1418301.32
D-4	541229.60	1418604.79
D-4T	541133.26	1418577.98
D-6T	541079.64	1418770.66
D-6	541175.98	1418797.47
D-3B	541370.66	1418321.68
D-5	541233.94	1418813.01

NOTES

1. The Canal Construction and Freeway Line coordinates as shown on that certain map entitled "Freeway And Construction Lines For The San Rafael Canal", dated June 15, 1959 and approved and adopted by the Council of the City of San Rafael by Charter Ordinance No. 692 have been adjusted (Northly +1.790 and Estrly -0.843) to agree more closely to the common control points shown on Record of Survey, recorded in Book 12 of Surveys, Page 25, Marin County Records.
2. The Corps of Engineers Dredging Lines are as shown on Sheets No. 1 thru No. 4 of the San Rafael Creek Maintenance Dredging Plans, prepared by the Corps of Engineers, Sheets 1 through 4, dated 1977, Dwg. No. 55-1-24. The control monuments for the dredging lines are the same as shown on Record of Survey, recorded in Book 12 of Surveys, Page 25, Marin County Records.
3. The record levee easement parcels have been rotated 1°18'38" clockwise to agree with California Coordinate System Zone III grid. The corresponding geodetic distances may be obtained by multiplying the grid distances by 1.0000637. The monuments along Canal Street, as shown on this map and in Book 12 of Surveys, Page 25, were used to position the levee easements.

SURVEYOR'S CERTIFICATE

This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Land Surveyor's Act at the request of the City of San Rafael

Dated: Feb. 16, 1979

John L. Riley, L.S. No. 3221

LICENSED LAND SURVEYOR JOHN L. RILEY No. 3221 STATE OF CALIFORNIA

COUNTY SURVEYOR'S CERTIFICATE

This map has been examined for conformance with the requirements of the Land Surveyor's Act, this 20th day of February, 1979.

Roy W. Foreacker Jr. County Surveyor

REGISTERED PROFESSIONAL ENGINEER RAYMONDEY FORE CIVIL STATE OF CALIFORNIA

COUNTY RECORDER'S CERTIFICATE

Filed this 12th day of Mar, 1979, at 11:30 A.M., in Book 15 of Surveys at Page 61.

Serial No. 11598 Fee $ No Fee

at the request of Dept of Publics Works

Noel T. Giacomini County Recorder

Alice Lake Deputy Recorder

BASIS OF BEARINGS

Bearings are based on the bearing of the line between National Geodetic Survey (formerly USC&GS) stations "RING" and "SAN PABLO RIDGE" as derived from coordinates published in N.G.S. Horizontal Control Data, Quad 271221 NW, dated July 1965, and as shown on Record of Survey, recorded in Book 12 of Surveys, Page 25, Marin County Records.

SHEET 1 OF 4

BOOK 15 PAGE 61 SER.

Can 4359

61

RECORD OF SURVEY

U. S. CORPS OF ENGINEERS DREDGING LINE, CITY FREEWAY AND CONSTRUCTION LINES WITHIN SAN RAFAEL CANAL AND LEVEE EASEMENT LINES

JUNE 1978 SCALE 1":100'

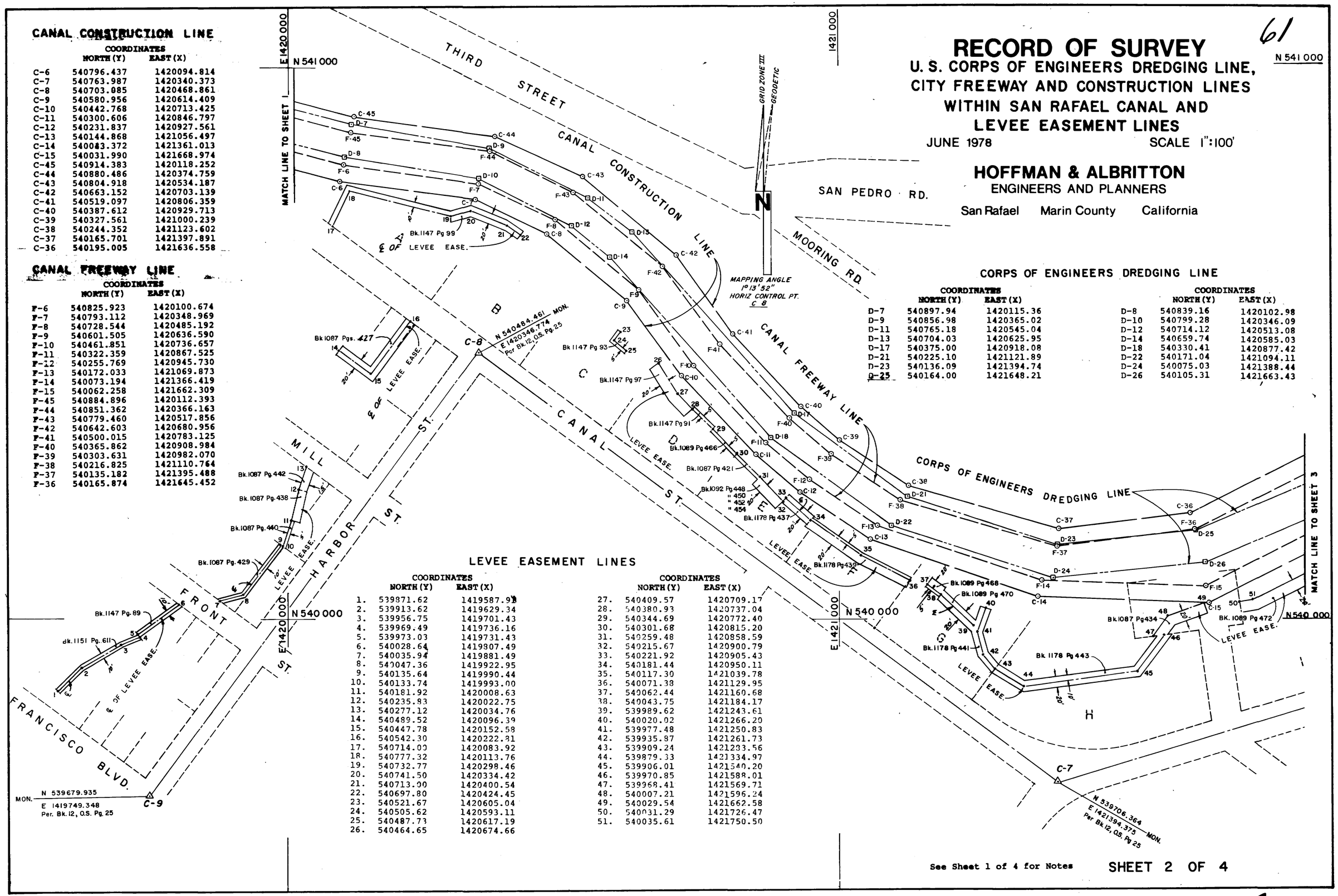
HOFFMAN & ALBRITTON
ENGINEERS AND PLANNERS
San Rafael Marin County California

CANAL CONSTRUCTION LINE

	COORDINATES NORTH (Y)	EAST (X)
C-6	540796.437	1420094.814
C-7	540763.987	1420340.373
C-8	540703.085	1420468.861
C-9	540580.956	1420614.409
C-10	540442.768	1420713.425
C-11	540300.606	1420846.797
C-12	540231.837	1420927.561
C-13	540144.868	1421056.497
C-14	540083.372	1421361.013
C-15	540031.990	1421668.974
C-45	540914.383	1420118.252
C-44	540880.486	1420374.759
C-43	540804.918	1420534.187
C-42	540663.152	1420703.139
C-41	540519.097	1420806.359
C-40	540387.612	1420929.713
C-39	540327.561	1421000.239
C-38	540244.352	1421123.602
C-37	540165.701	1421397.891
C-36	540195.005	1421636.558

CANAL FREEWAY LINE

	COORDINATES NORTH (Y)	EAST (X)
F-6	540825.923	1420100.674
F-7	540793.112	1420348.969
F-8	540728.544	1420485.192
F-9	540601.505	1420636.590
F-10	540461.851	1420736.657
F-11	540322.359	1420867.525
F-12	540255.769	1420945.730
F-13	540172.033	1421069.873
F-14	540073.194	1421366.419
F-15	540062.258	1421662.309
F-45	540884.896	1420112.393
F-44	540851.362	1420366.163
F-43	540779.460	1420517.856
F-42	540642.603	1420680.956
F-41	540500.015	1420783.125
F-40	540365.862	1420908.984
F-39	540303.631	1420982.070
F-38	540216.825	1421110.764
F-37	540135.182	1421395.488
F-36	540165.874	1421645.452



CORPS OF ENGINEERS DREDGING LINE

	COORDINATES NORTH (Y)	EAST (X)		COORDINATES NORTH (Y)	EAST (X)
D-7	540897.94	1420115.36	D-8	540839.16	1420102.98
D-9	540856.98	1420365.02	D-10	540799.28	1420346.09
D-11	540765.18	1420545.04	D-12	540714.12	1420513.08
D-13	540704.03	1420625.95	D-14	540659.74	1420585.03
D-17	540375.00	1420918.08	D-18	540330.41	1420877.42
D-21	540225.10	1421121.89	D-22	540171.04	1421388.44
D-23	540136.09	1421394.74	D-24	540075.03	1421388.44
D-25	540164.00	1421648.21	D-26	540105.31	1421663.43

LEVEE EASEMENT LINES

	COORDINATES NORTH (Y)	EAST (X)		COORDINATES NORTH (Y)	EAST (X)
1.	539871.62	1419587.91	27.	540409.57	1420709.17
2.	539913.62	1419629.34	28.	540380.93	1420737.04
3.	539956.75	1419701.43	29.	540344.69	1420772.40
4.	539969.49	1419736.16	30.	540301.68	1420815.20
5.	539973.03	1419731.43	31.	540259.48	1420858.59
6.	540028.64	1419807.49	32.	540215.67	1420900.79
7.	540035.94	1419881.49	33.	540221.92	1420905.43
8.	540047.36	1419922.95	34.	540181.44	1420950.11
9.	540135.64	1419990.44	35.	540117.30	1421039.78
10.	540133.74	1419993.00	36.	540071.38	1421129.95
11.	540181.92	1420008.63	37.	540062.44	1421160.68
12.	540235.83	1420022.75	38.	540043.75	1421184.17
13.	540277.12	1420034.76	39.	539989.62	1421243.61
14.	540489.52	1420096.39	40.	540020.02	1421266.20
15.	540447.78	1420152.58	41.	539977.48	1421250.83
16.	540542.30	1420222.81	42.	539935.87	1421261.73
17.	540714.00	1420083.92	43.	539909.24	1421233.56
18.	540777.32	1420113.76	44.	539879.33	1421334.97
19.	540732.77	1420298.46	45.	539906.01	1421540.20
20.	540741.50	1420334.42	46.	539970.85	1421588.01
21.	540713.00	1420400.54	47.	539968.41	1421569.71
22.	540697.80	1420424.45	48.	540007.21	1421596.24
23.	540521.67	1420605.04	49.	540029.54	1421662.58
24.	540505.62	1420593.11	50.	540031.29	1421726.47
25.	540487.73	1420617.19	51.	540035.61	1421750.50
26.	540464.65	1420674.66			

See Sheet 1 of 4 for Notes

SHEET 2 OF 4

Can 4359

61

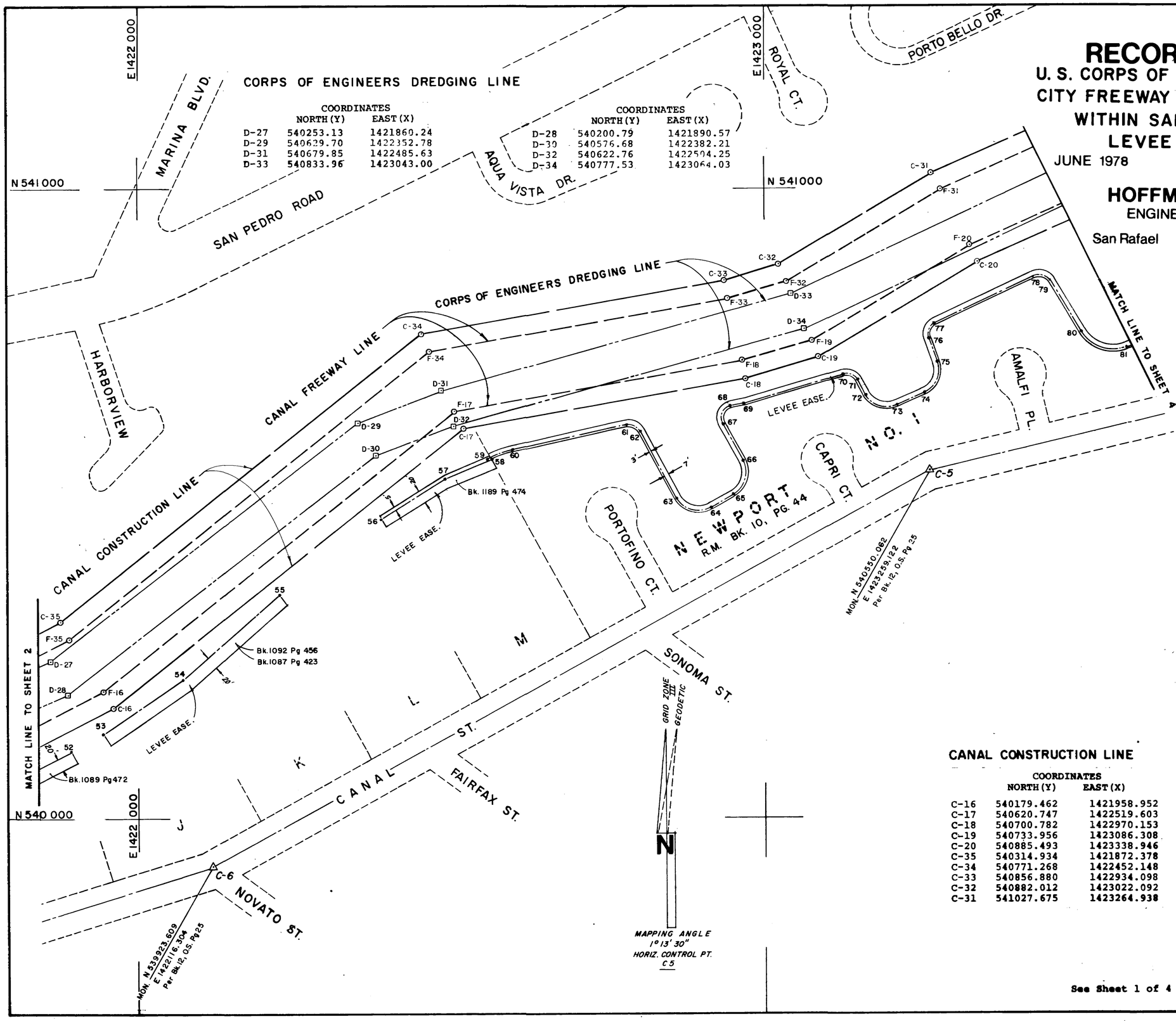
RECORD OF SURVEY

U. S. CORPS OF ENGINEERS DREDGING LINE, CITY FREEWAY AND CONSTRUCTION LINES WITHIN SAN RAFAEL CANAL AND LEVEE EASEMENT LINES

JUNE 1978 SCALE 1":100'

HOFFMAN & ALBRITTON
ENGINEERS AND PLANNERS

San Rafael Marin County California



CORPS OF ENGINEERS DREDGING LINE

	COORDINATES NORTH (Y)	EAST (X)
D-27	540253.13	1421860.24
D-29	540629.70	1422352.78
D-31	540679.85	1422485.63
D-33	540833.96	1423043.00

	COORDINATES NORTH (Y)	EAST (X)
D-28	540200.79	1421890.57
D-30	540576.68	1422382.21
D-32	540622.76	1422504.25
D-34	540777.53	1423064.03

LEVEE EASEMENT LINES

	COORDINATES NORTH (Y)	EAST (X)
52.	540108.86	1421894.41
53.	540134.43	1421944.65
54.	540220.60	1422071.97
55.	540353.40	1422227.40
56.	540476.10	1422388.21
57.	540540.94	1422490.63
58.	540569.22	1422565.25
59.	540571.78	1422557.17
60.	540587.19	1422599.14
61.	540624.37	1422730.26
62.	540614.40	1422801.82
63.	540509.80	1422859.18
64.	540493.96	1422913.48
65.	540511.72	1422949.51
66.	540568.03	1422965.35
67.	540625.77	1422933.13
68.	540656.08	1422947.17
69.	540659.64	1422967.22
70.	540705.09	1423126.35
71.	540695.32	1423149.47
72.	540673.29	1423161.29
73.	540655.28	1423211.92
74.	540673.54	1423255.77
75.	540725.85	1423277.31
76.	540760.93	1423262.70
77.	540786.76	1423272.73
78.	540859.66	1423429.66
79.	540852.02	1423455.11
80.	540771.78	1423504.61
81.	540747.89	1423578.75

CANAL CONSTRUCTION LINE

	COORDINATES NORTH (Y)	EAST (X)
C-16	540179.462	1421958.952
C-17	540620.747	1422519.603
C-18	540700.782	1422970.153
C-19	540733.956	1423086.308
C-20	540885.493	1423338.946
C-35	540314.934	1421872.378
C-34	540771.268	1422452.148
C-33	540856.880	1422934.098
C-32	540882.012	1423022.092
C-31	541027.675	1423264.938

CANAL FREEWAY LINE

	COORDINATES NORTH (Y)	EAST (X)
F-16	540204.863	1421942.719
F-17	540648.971	1422506.955
F-18	540730.051	1422963.392
F-19	540761.717	1423074.268
F-20	540912.152	1423325.070
F-35	540289.534	1421888.610
F-34	540743.047	1422464.795
F-33	540827.613	1422940.857
F-32	540854.252	1423034.131
F-31	541001.017	1423278.813

See Sheet 1 of 4 for Notes

Can 4359

RECORD OF SURVEY

61

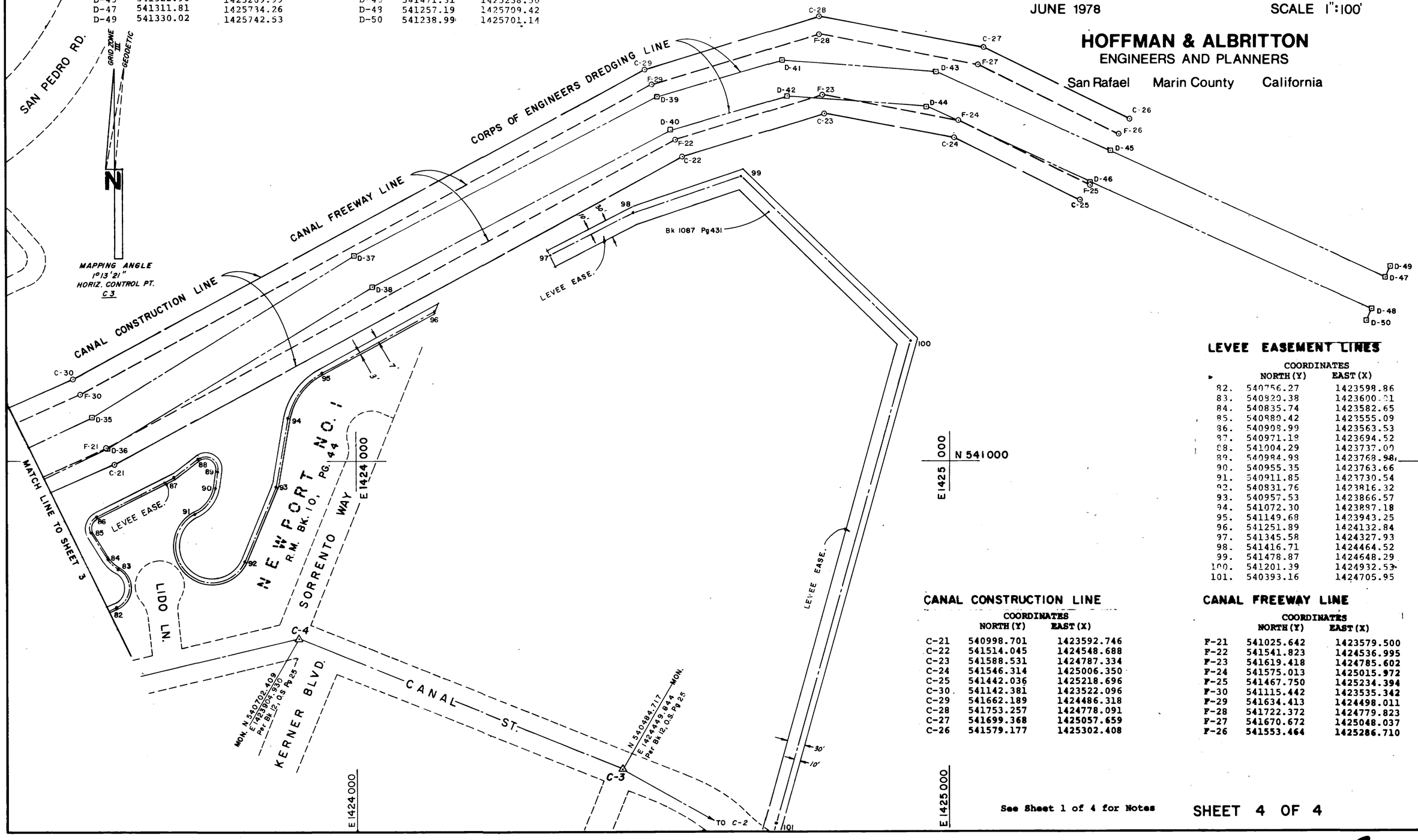
U. S. CORPS OF ENGINEERS DREDGING LINE, CITY FREEWAY AND CONSTRUCTION LINES WITHIN SAN RAFAEL CANAL AND LEVEE EASEMENT LINES

JUNE 1978 SCALE 1":100'

HOFFMAN & ALBRITTON
ENGINEERS AND PLANNERS
San Rafael Marin County California

CORPS OF ENGINEERS DREDGING LINE

	COORDINATES NORTH (Y)	EAST (X)		COORDINATES NORTH (Y)	EAST (X)
D-35	541077.03	1423554.15	D-36	541024.19	1423582.73
D-37	541348.23	1423998.43	D-38	541295.99	1424027.99
D-39	541614.11	1424506.65	D-40	541558.23	1424529.35
D-41	541677.15	1424717.43	D-42	541616.47	1424723.93
D-43	541657.42	1424974.13	D-44	541598.41	1424958.95
D-45	541522.90	1425269.99	D-46	541471.31	1425238.50
D-47	541311.81	1425734.26	D-48	541257.19	1425709.42
D-49	541330.02	1425742.53	D-50	541238.99	1425701.14



LEVEE EASEMENT LINES

	COORDINATES NORTH (Y)	EAST (X)
82.	540756.27	1423598.86
83.	540820.38	1423600.01
84.	540835.74	1423582.65
85.	540880.42	1423555.09
86.	540908.99	1423563.53
87.	540971.18	1423694.52
88.	541004.29	1423737.00
89.	540984.98	1423768.98
90.	540955.35	1423763.66
91.	540911.85	1423730.54
92.	540831.76	1423816.32
93.	540957.53	1423866.57
94.	541072.30	1423887.18
95.	541149.68	1423943.25
96.	541251.89	1424132.84
97.	541345.58	1424327.93
98.	541416.71	1424464.52
99.	541478.87	1424648.29
100.	541201.39	1424932.53
101.	540393.16	1424705.95

CANAL CONSTRUCTION LINE

	COORDINATES NORTH (Y)	EAST (X)
C-21	540998.701	1423592.746
C-22	541514.045	1424548.688
C-23	541588.531	1424787.334
C-24	541546.314	1425006.350
C-25	541442.036	1425218.696
C-30	541142.381	1423522.096
C-29	541662.189	1424486.318
C-28	541753.257	1424778.091
C-27	541699.368	1425057.659
C-26	541579.177	1425302.408

CANAL FREEWAY LINE

	COORDINATES NORTH (Y)	EAST (X)
F-21	541025.642	1423579.500
F-22	541541.823	1424536.995
F-23	541619.418	1424785.602
F-24	541575.013	1425015.972
F-25	541467.750	1425234.394
F-30	541115.442	1423535.342
F-29	541634.413	1424498.011
F-28	541722.372	1424779.823
F-27	541670.672	1425048.037
F-26	541553.464	1425286.710

See Sheet 1 of 4 for Notes

SHEET 4 OF 4

Can 435