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HUNT** ENGINEERS
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ORIGINAL

December 1, 2003

Magalie Roman Salas
Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

FILED
OFFICE OF THE
SECRETARY
2003 DEC -2 A 9 52
FEDERAL ENERGY
REGULATORY COMMISSION

Subject: Camp Far West Project, FERC No. 2997—027
License exhibit amendment to add three auxiliary dams to project
Contains Critical Energy Infrastructure Information – Do Not Release

Dear Secretary Salas:

On October 3, 2003, the Federal Energy Regulatory Commission issued a letter to the South Sutter Water District stating that the three auxiliary dams located around the rim of the Camp Far West Reservoir are not shown or mentioned in the approved project exhibits. The Commission requested that the South Sutter Water District file with the Commission revised license exhibits A, F, and G showing the three auxiliary dams. In response to the Commission's October 3, 2003 request, and on behalf of the South Sutter Water District, please find one original plus two copies of the revised license exhibits for the Camp Far West Project, FERC No. 2997 as follows:

- ▶ Revised Exhibit G, Sheet 1 Drawing showing the location of the south and north wing dams and the dike;
- ▶ Revised Exhibit F, Sheet 1 Drawing showing the south wing dam in plan view;
- ▶ New Exhibit F, Sheet 1A Drawing showing the plan views of north wing dam and dike and cross-section information for the south and north wing dams and the dike; and
- ▶ Addendum to Exhibit A Project Description to include narratives for the south and north wing dams and the dike.

Magalie Roman Salas, Secretary


December 1, 2003

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As requested, the abovementioned exhibits have also been provided to the Commission's San Francisco Regional Office. Please contact me if you have any questions or comments.

Sincerely,

MEAD & HUNT, Inc.

A handwritten signature in black ink, reading "Marieke Armstrong". The signature is written in a cursive, flowing style.

Marieke Armstrong

Enclosure

cc: Federal Energy Regulatory Commission, San Francisco Regional Office w/encl
Brad Arnold, South Sutter Water District w/o encl

**Addendum to Exhibit A
Camp Far West Project
FERC No. 2997
Project Description for North Wing Dam, South Wing Dam, and Dike**

EXISTING FACILITIES

AUXILLIARY DAMS

Adjacent to the left abutment of the main embankment is the south wing dam constructed of earthfill with a maximum height of 45 feet, a crest width of 20 feet and length of 1,060 feet. Constructed to the north of the main embankment opposite the spillway is a second earthfill wing dam which is 25 feet in height, 20 feet in width at the crest, and 1,460 feet in length. The upstream slopes of the south and north wing dams are 2.5 to 1 and 3 to 1, respectively. The downstream slopes of both wing dams are 2.5 to 1.

The north and south wing dams are constructed of compacted clays and silts. The upstream outside slope of the two wing dams is covered with 3 feet of riprap underlain by an 18" layer of gravel bedding. The downstream slope of the south wing dam is protected by a layer of riprap with a minimum thickness of 3 feet.

An earthfill dike was also constructed to the north of the north wing dam at a height of 12 feet, a crest length of 1,450 feet and a crest width of 20 feet. The elevation at the top of the dike is 320 msl.

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LARGE-FORMAT IMAGES

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File Date:

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Docket No.:

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Parent Accession No.:

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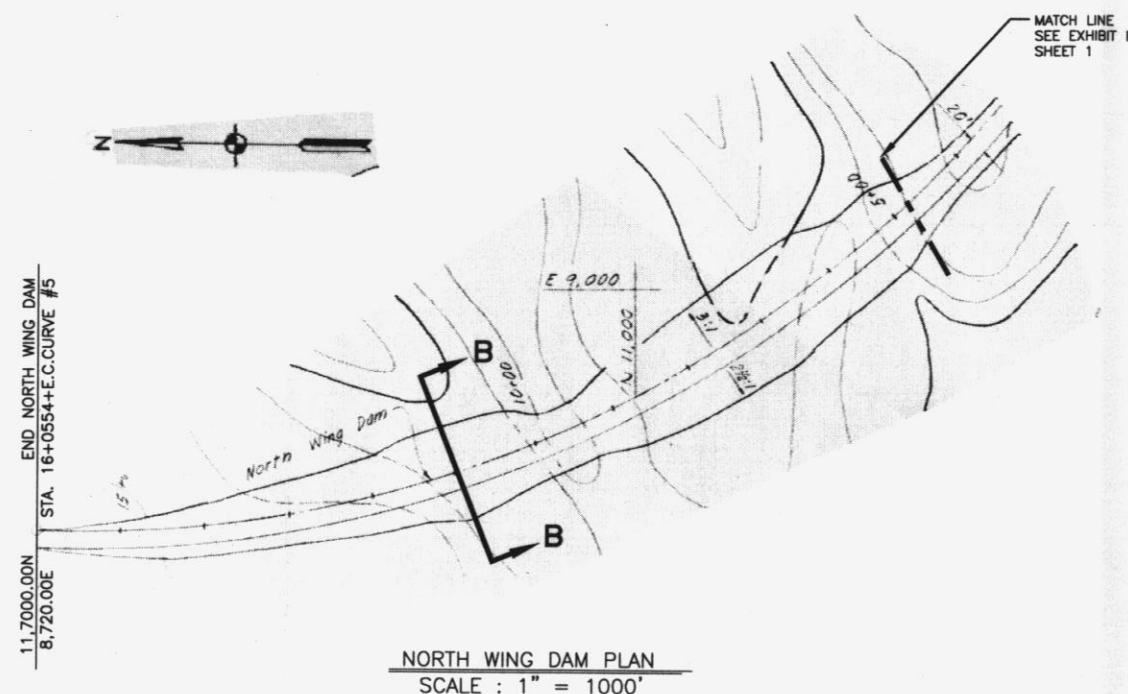
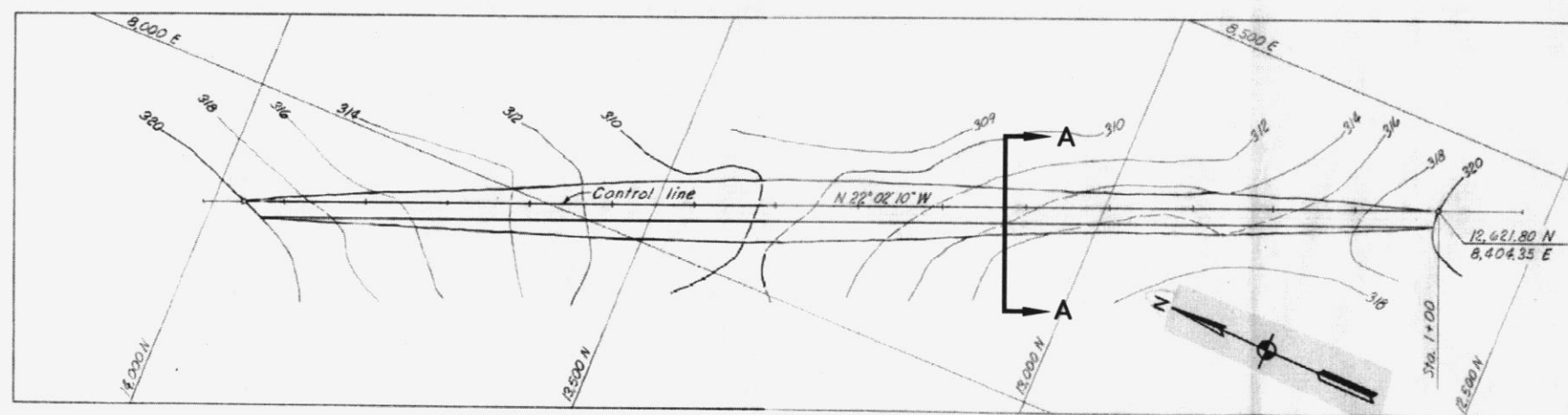
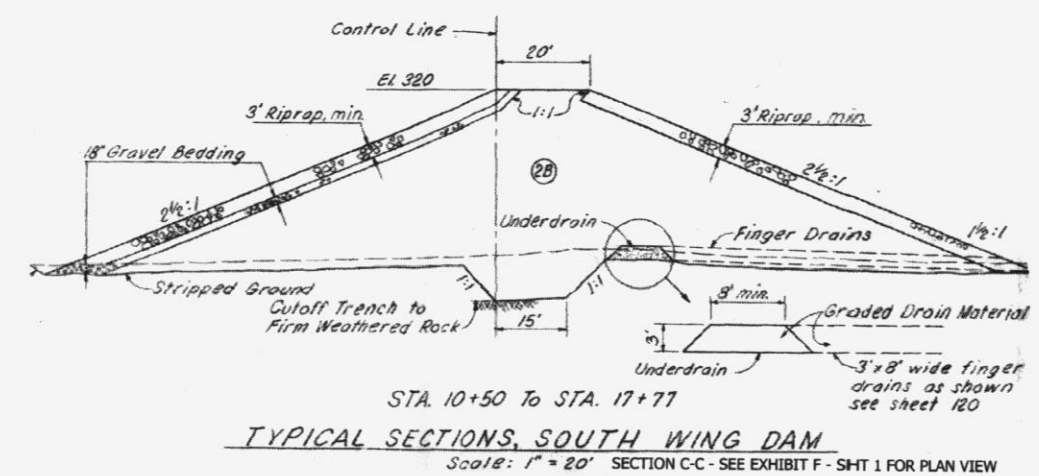
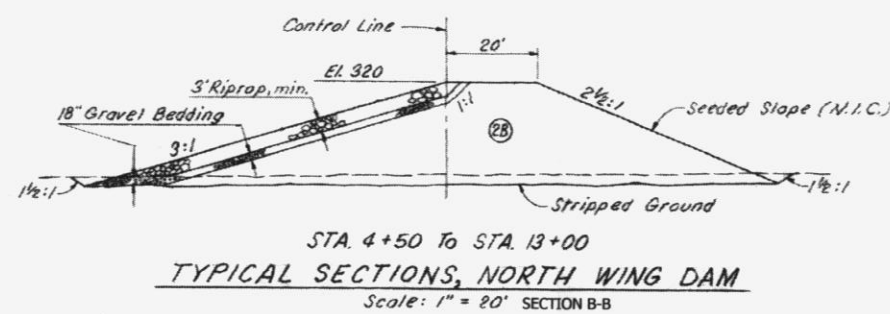
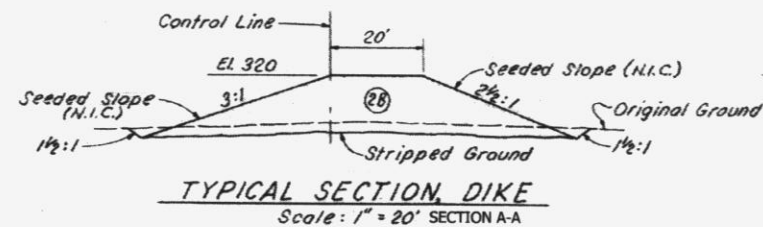
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NOTE
THIS PLAN WAS PREPARED USING INFORMATION FROM MCCREARY-KORETSKY & MCGUIRE, SOUTH SUTTER WATER DISTRICT, CAMP FAR WEST PROJECT - SPILLWAY & NORTH WING DAM PLAN, DAM PROFILES AND DIKE PLAN & PROFILE AND ALSO DAM SECTIONS. DATED 7-18-61 & 3-31-62.

EXHIBIT F SHEET 1A
EXISTING & PROPOSED FACILITIES
CAMP FAR WEST DAM & RESERVOIR
WATER POWER PROJECT
Owner: SOUTH SUTTER WATER DISTRICT
CONTAINS CRITICAL ENERGY INFRASTRUCTURE INFORMATION - DO NOT RELEASE
MEAD HUNT ENGINEERS ARCHITECTS SCIENTISTS PLANNERS 3327 Longview Drive North Highlands, California 95660 Phone: (916) 971-3961 Fax: (916) 971-4578
Public 11-25-03

03/203-0206-01-002

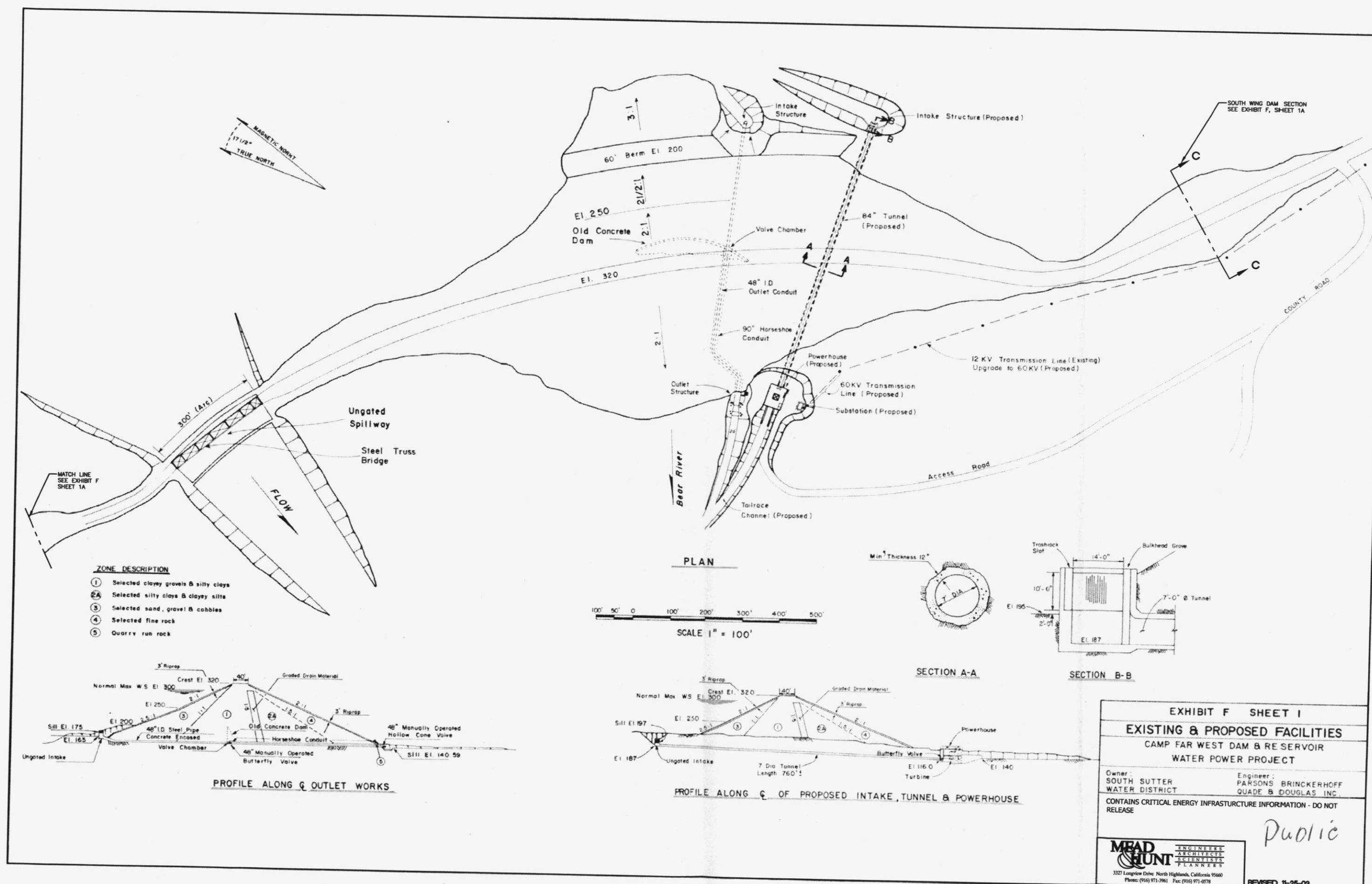
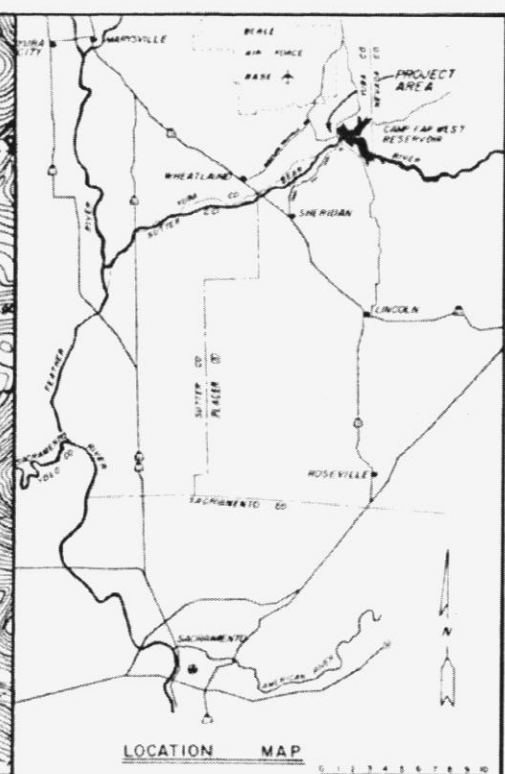
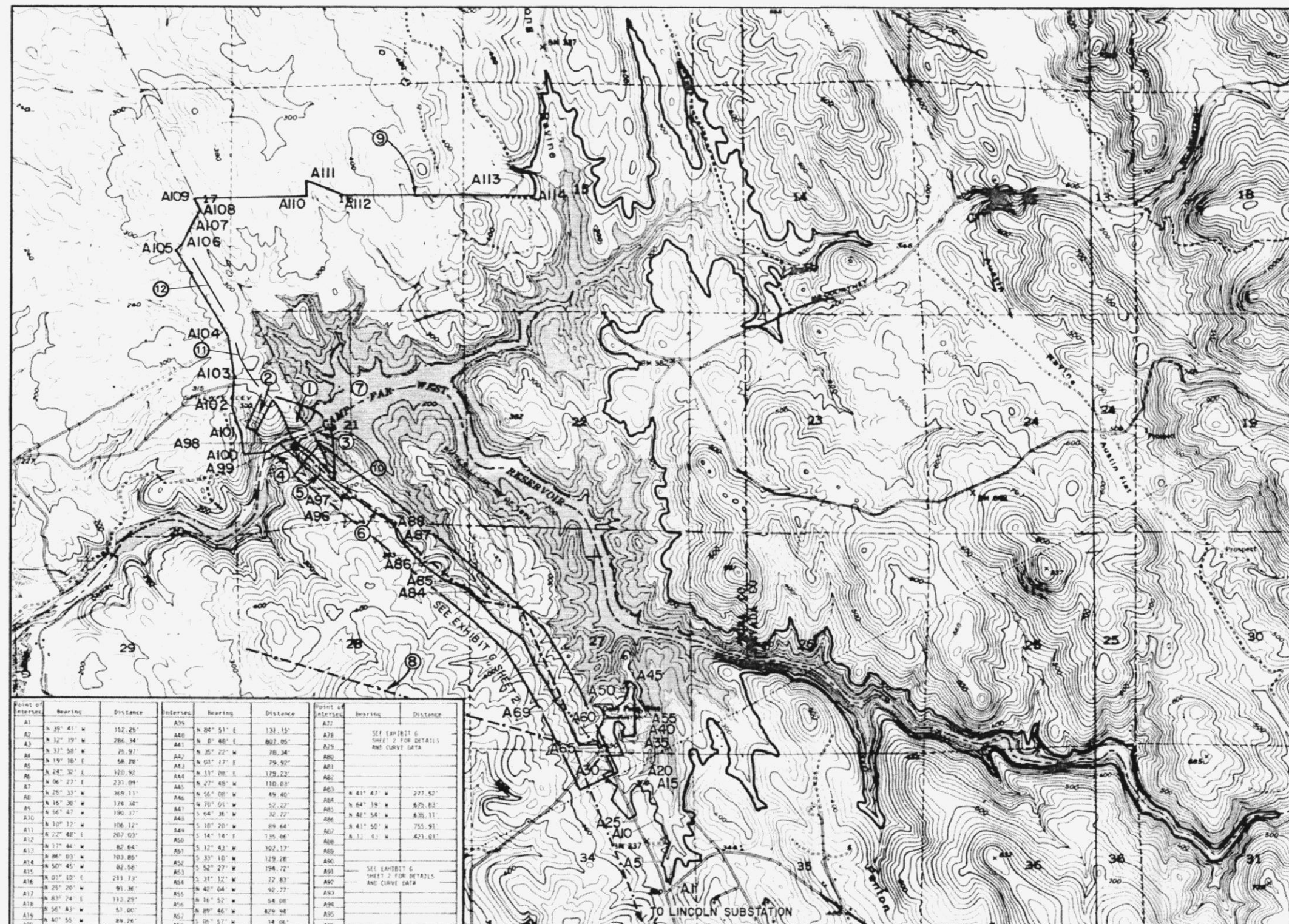


EXHIBIT F SHEET 1	
EXISTING & PROPOSED FACILITIES	
CAMP FAR WEST DAM & RESERVOIR	
WATER POWER PROJECT	
Owner: SOUTH SUTTER WATER DISTRICT	Engineer: PARSONS BRINCKERHOFF QUADE & DOUGLAS INC.
CONTAINS CRITICAL ENERGY INFRASTRUCTURE INFORMATION - DO NOT RELEASE	
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- LEGEND**
- ① Camp Far West Dam
 - ② Spillway
 - ③ Outlet Works
 - ④ Discharge Channel
 - ⑤ Access Road to Outlet Works
 - ⑥ 12 KV Transmission Line
 - ⑦ Camp Far West Reservoir
 - ⑧ 60 KV Transmission Line
 - ⑨ Project Boundary
 - ⑩ SOUTH WING DAM
 - ⑪ NORTH WING DAM
 - ⑫ DIKE
- NOTE:
TOPOGRAPHY SHOWN ON THIS DRAWING WAS
REPRODUCED FROM U.S.G.S. QUADRANGLE MAPS.

Point of Interest	Bearing	Distance	Point of Interest	Bearing	Distance	Point of Interest	Bearing	Distance
A1	N 35° 41' W	152.25'	A36	N 84° 51' E	131.15'	A77	SEE EXHIBIT G SHEET 2 FOR DETAILS AND CURVE DATA	
A2	N 32° 19' W	286.34'	A40	N 8° 48' E	802.05'	A78		
A3	N 32° 58' W	75.97'	A41	N 35° 22' W	76.34'	A79		
A4	N 19° 10' E	58.28'	A42	N 01° 17' E	79.52'	A80		
A5	N 24° 30' E	120.92'	A43	N 11° 08' E	175.22'	A81		
A6	N 06° 27' E	231.09'	A44	N 27° 45' W	110.03'	A82		
A7	N 25° 33' W	369.11'	A45	N 56° 00' W	49.40'	A83	N 41° 47' W	277.50'
A8	N 16° 30' W	174.38'	A46	N 70° 01' W	52.22'	A84	N 64° 19' W	970.82'
A9	N 16° 47' W	190.37'	A47	N 64° 30' W	32.22'	A85	N 62° 54' W	839.11'
A10	N 10° 32' W	106.12'	A48	N 10° 20' W	89.44'	A86	N 41° 50' W	755.91'
A11	N 22° 40' E	707.03'	A49	N 14° 14' E	175.06'	A87	N 32° 52' W	421.01'
A12	N 17° 04' W	82.64'	A50	N 12° 42' W	102.17'	A88		
A13	N 08° 03' W	103.85'	A51	N 33° 10' W	129.28'	A89		
A14	N 50° 45' W	82.58'	A52	N 52° 27' W	194.72'	A90	SEE EXHIBIT G SHEET 2 FOR DETAILS AND CURVE DATA	
A15	N 01° 10' E	211.73'	A53	N 33° 12' W	22.83'	A91		
A16	N 25° 20' W	91.36'	A54	N 40° 04' W	52.77'	A92		
A17	N 83° 24' E	112.29'	A55	N 16° 52' W	54.08'	A93		
A18	N 56° 43' W	57.00'	A56	N 89° 46' W	429.94'	A94		
A19	N 40° 55' W	89.26'	A57	N 06° 57' W	14.06'	A95		
A20	N 03° 02' W	85.66'	A58	N 78° 48' E	170.89'	A96		
A21	N 30° 57' W	178.83'	A59	N 28° 46' E	700.33'	A97	N 64° 22' W	69.29'
A22	N 43° 42' W	72.32'	A60	N 04° 38' E	86.28'	A98	N 47° 39' W	1938.60'
A23	N 01° 38' E	276.79'	A61	N 22° 32' W	476.70'	A99	N 53° 07' W	385.29'
A24	N 24° 40' E	280.44'	A62	N 63° 03' E	85.17'	A100	N 08° 10' W	643.80'
A25	N 56° 30' W	218.72'	A63	N 27° 53' W	769.90'	A101	N 17° 18' W	599.10'
A26	N 17° 25' W	608.42'	A64	N 62° 35' E	52.05'	A102	N 04° 59' E	840.61'
A27	N 20° 14' E	90.74'	A65	N 27° 53' W	95.50'	A103	N 07° 45' W	873.86'
A28	N 27° 36' W	429.99'	A66	N 07° 25' W	471.97'	A104	N 27° 55' W	2334.82'
A29	N 43° 20' E	134.40'	A67	N 24° 27' W	964.63'	A105	N 44° 55' E	338.56'
A30	N 24° 40' W	385.06'	A68	N 41° 44' W	300.73'	A106	N 28° 50' E	536.27'
A31	N 09° 41' E	400.15'	A69	N 09° 40' W	60.00'	A107	N 29° 22' E	210.54'
A32	N 22° 28' W	450.87'	A70			A108	N 25° 53' W	373.24'
A33	N 07° 32' E	279.52'	A71			A109	N 89° 51' W	2610.57'
A34	N 66° 09' E	86.18'	A72			A110	N 02° 37' W	368.00'
A35	N 44° 30' E	194.67'	A73			A111	N 69° 20' W	1018.40'
A36	N 19° 00' W	138.00'	A74			A112	N 89° 51' W	2732.03'
A37	N 24° 59' E	119.23'	A75			A113	N 88° 06' W	1622.70'
A38	N 06° 50' E	122.18'	A76			A114		
A39			A77					

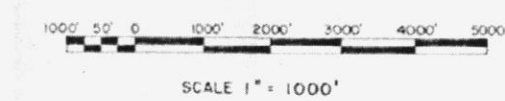


EXHIBIT G SHEET 1

GENERAL MAP OF PROJECT AREA

CAMP FAR WEST DAM & RESERVOIR

WATER POWER PROJECT

Owner: SOUTH SUTTER WATER DISTRICT

Engineer: PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.

CONTAINS CRITICAL ENERGY INFRASTRUCTURE INFORMATION - DO NOT RELEASE

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