

TABLE K1.1

**KIEWIT INFRASTRUCTURE WEST CO.
 KLAMATH RIVER RENEWAL PROJECT**

100% DESIGN REPORT

HISTORIC DRAWING REGISTER - J.C. BOYLE

Dwg No.	Dwg Title	Date
78090	Diversion Dam - Intake - Sheet 2	6/5/1957
78094	Diversion Dam - Intake Wheel Gate	2/4/1957
78088	Diversion Dam - Spillway Blocks No. 1 & No. 2	3/1/1957
78089	Diversion Dam - Intake - Sheet 1	6/12/1957
78085	Diversion Dam - Intake & Spillway - General Arrangement	11/21/1956
78095	Diversion Dam - Intake Gate Hoist Frame	1/20/1957
78096	Diversion Dam - Intake; Spillway & N. Abutment - Misc. & Embedded Structural Steel	5/31/1957
78087	Diversion Dam - Diversion Culvert - Forms, Reinforcement & Embedded Steel	10/17/1956
78092	Diversion Dam - Intake - Sheet 4	12/3/1956
78091	Diversion Dam - Intake - Sheet 3	12/3/1956
78097	Diversion Dam - Intake; Spillway & N. Abutment - Misc. & Embedded Structural Steel	10/26/1956
78093	Diversion Dam - Intake Wheel Gate Guides	1/9/1957
53856H03	JCB Canal Headgate Stop Logs	7/22/1991
53856H04	JCB Canal Headgate Stop Log Lifting Device	7/22/1991
78098	Diversion Dam - Intake; Spillway & N. Abutment - Misc. & Embedded Structural Steel	11/5/1956
73318-0005-E-1	Generator Building Layout	3/31/1989
73318-0005-E-2	Generator Building Views	4/8/1989
73318-0005-E-3	Generator Building Electrical Schematic	4/17/1989
73318-0005-E-4	Generator Building Wall Detail (Front/Back)	4/21/1989
73318-0005-E-5	Generator Building Wall Detail (Right Side)	4/21/1989
73318-0005-E-6	Generator Building Wall Detail (Left Side)	4/21/1989
73318-0005-E-7	Generator Building Floor Detail	4/21/1989
73318-0005-E-8	Generator Building Ceiling Detail	4/21/1989
78084	Diversion Dam - General Arrangement	8/26/1957
78086	Intake, Spillway & N. Abutment - Excavation, Drainage & Grouting	12/4/1956
PD-53856H01	JCB Canal Headgate - Storage Frame	7/30/1991
PD-53856H02	JCB Canal Headgate - Storage Frame Details	7/31/1991
41961	9' Butterfly Valve - Elevation & Plan	11/13/1957
78099	Diversion Dam - Intake; Spillway & N. Abutment - Misc. & Embedded Structural Steel	11/27/1956
29353-01	JCB - Spillway Steel - Stop Log & Lifting Bracket	5/9/1973
29353-02	JCB - Spillway Steel - Stop Log & Lifting Bracket	5/9/1973
29354-01	JCB - Spillway Stop Log - Monorail Layout	5/1/1973
29354-02	JCB - Spillway Stop Log - Monorail Details	5/2/1973
29354-03	JCB - Spillway Stop Log - Monorail Details	5/4/1973
30663	JCB - Canal Wall Repair	5/23/1974
31278	Topography Canyon and Big Bend Damsites - Grant Development No. 1	9/5/1929
31399	Test Pits and Trenches for Tunnel Line	12/10/1930
36317	Topography Downstream from Canyon Damsite	8/19/1932
36318	Topography Downstream from Big Bend Damsite	8/19/1932
36319	Topography Along Tunnel Alignment & at Power House	8/19/1932
36320	Topography at Tunnel Intake & Dam	8/19/1932
36321	Topography Along Penstock Alignment & at Power House Site	8/19/1932
36980	JCB H.E. Plant - Communications Cable Plan	2/17/1982
38076-1	JCB - H.E. Plant Substation Oil Containment System - Plan & Detail	10/7/1985
38076-2	JCB - H.E. Plant Substation Oil Containment System - Sections	10/7/1985
38076-3	JCB - H.E. Plant Substation Oil Containment System - Sections	10/7/1985
38076-4	JCB - H.E. Plant Substation Oil Containment System - Section & Details	10/7/1985
38175	JCB H.E. Plant - Elevations	10/16/1985
38874	JCB Flume Wall Repairs - Shotcrete Application	4/27/1989
39548	JCB Forebay Spillway	12/22/1989
39613	JCB Fish Bypass Port Hole Plug	6/1/1989
39896	Fish Screen Building - Plan, Elevations, Sections	7/7/1989
39897	Fish Screen Building - Details	n/d
39898	Fish Screen Building - Inlet Wind Curtain	8/29/1988
39901	Topographic Mapping - JCB	n/d
39902	Topographic Mapping - JCB	n/d
39903	Topographic Mapping - JCB	n/d
39904	Forebay Spillway Repair - Overflow Spillway	11/1/1986
39905	Forebay Spillway Repair - Modified Channel, New Chute Glory-Hole Spillway	11/1/1986
39906	Forebay Spillway Repair - Modified Channel, Existing Plunge Pool	11/1/1986
39907	JCB - Forebay Spillway Repair - General Plan & Vicinity Map	2/1/1988
4037	Gantry Leg Details - 150 Ton Gantry Crane	8/29/1957
5594	FMP Manchex Cells	n/d
7004	3 Step Battery Racks - Steel Frames & Rails	n/d
7590	Profile - Steel Pipe Conduit Crossing Big Bend Dam	10/25/1956
7954	Warehouse and Stockpile Area on Klamath Falls Substation Property	n/d
8214-4	Operator's Cottage	5/11/1905
8214-5	Operator's Cottage	5/11/1905
8214-6	Operator's Cottage	5/11/1905
8244	Area Study Near Big Bend Powerhouse	9/26/1958
9239	Outline of Spillway	6/16/1964

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Dwg No.	Dwg Title	Date
9408	Outline of Spillway	7/19/1985
12089	Big Bend - Fish Screens - General Arrangement	6/25/1957
18966	Diversion Dam - Modifications to Intake Wheel Gate	5/2/1963
18967-1	JCB Plant Diversion - Dam Intake Gate New Hoist	5/3/1963
18967-2	JCB Plant Diversion - Dam Intake Gate New Hoist	5/3/1964
18967-3	JCB Plant Diversion - Dam Intake Gate New Hoist	5/3/1964
18967-4	JCB Plant Diversion - Dam Intake Gate New Hoist	5/3/1964
21568	JCB Operator's Cottages - Sewerage System	10/25/1965
22074	JCB Spillway Protection - General Plan	2/11/1966
22086	JCB - Spillway Protection - Concrete Detail	5/27/1966
26648-1	JCB Timber Bridge - Details	6/25/1971
26648-2	JCB Timber Bridge - Details	6/25/1971
26828	JCB - Grounding Plan - 1970 Addition	12/8/1970
27001	JCB - Elevations of Switchyard	8/26/1971
27042	JCB - Spillway Repair Details	3/25/1971
27128-1	JCB Substation - 22' Truss Arm for "A" Strain Bus Tower	4/28/1971
27128-2	JCB Substation - 22' Truss Arm for "A" Strain Bus Tower	4/28/1971
27129-1	JCB Substation - 230 KV 14' "C" Tower	4/28/1971
27129-2	JCB Substation - 230 KV 14' "C" Tower	4/28/1971
27130	JCB Substation - Operating Gear Pedestal - Steel Details & Assembly	4/28/1971
28631-1	JCB Diversion Dam - Wheel Gate Modifications - Erection & Steel Details	2/16/1973
28631-2	JCB Diversion Dam - Wheel Gate Modifications - Erection & Steel Details	2/16/1973
29191	JCB Powerhouse - Sidewater Drainage Control	5/16/1973
29353-1	JCB Dam Spillway Steel Stop Log Details	4/15/1974
271B271	Installation Details	10/13/1953
557D877	Platform (Outdoor)	8/12/1957
813B877	Flowrator	11/13/1957
Sketch No. 3	Big Bend - General Plan & Sections	11/7/1956
135-1	15' "G" H.S. Tunnel Form Beardsly Dam Diversion Tri-Dam Project	6/28/1955
9408	Outline of Spillway JCB Plant	7/19/1965
8244	Housing Site Topography	5/5/1958
8401-1	Big Bend No. 3 Development Topography	n/d
9239	Outline of Spillway JCB Plant	6/16/1964
9515-2	JCB Powerhouse Tailrace Rein	5/14/1958
8598	Big Bend Forebay	10/3/1960
8401-2	Big Bend No. 3 Development Topography	n/d
9515-1	JCB Powerhouse Tailrace Design	4/26/1958
8334	Topographic Map of Reservoir Area	3/30/1959
8335	Topographic Map of Reservoir Area and Reservoir Area Capacity Curve	3/30/1959
7920	Big Bend Dam Site	n/d
9441	Dam Crests	3/13/1965
7569	Topographic Map of Reservoir Area	n/d
7570	Topographic Map of Reservoir Area, Dam & Conduit Location	n/d
7571	Topographic Map of Conduit Location	n/d
7582-1	Topographic Map of Reservoir Area	6/14/1956
7582-3	Topographic Map of Reservoir Area	6/14/1956
7572	Tunnel Penstock & Powerhouse Site - Logs of Copco Drill Holes for Tunnel	n/d
7582	Topographic Map of Reservoir Area	6/14/1956
7584	Topographic Map of Conduit, Forebay, Tunnel, Penstock & Powerhouse Location	6/14/1956
7583	Topographic Map of Dam and Conduit Location	6/14/1956
7568	General Map of Project	n/d
3666-1	Spillway X-Sections	10/15/1965
3666-2	Spillway X-Sections	10/15/1965
3666-3	Spillway X-Sections	10/15/1965
3666-4	Spillway X-Sections	10/15/1965
3666-5	Spillway X-Sections	10/15/1965
3666-6	Spillway X-Sections	10/15/1965
3666-7	Spillway X-Sections	10/15/1965
3666-8	Spillway X-Sections	10/15/1965
5215	Map to Accompany Application to State Engineer for Permit to Appropriate Water	9/6/1930
78100	Diversion Dam Spillway Deck	12/17/2956
78101	Diversion Dam 35' 11" x 12' 1" Spillway Tainter Gate	11/13/1956
78102	Diversion Dam 35' 11" x 12' 1" Spillway Tainter Gate	12/6/1956
78103	Diversion Dam - Trash Racks Screen Wash Water Pump & Piping	7/17/1957
78104	Diversion Dam Gate Hoists General Arrangement	12/18/1956
78106	Diversion Dam North Abutment	5/17/1957
78107	Diversion Dam North Abutment	5/17/1957
78108	Diversion Dam North Abutment	5/17/1957
78109	Diversion Dam North Abutment	5/17/1957
78110	Diversion Dam Fish Ladder Automatic Weirs - Sh. 2	7/15/1957
78112	Diversion Dam Fish Ladder & Diffusion Box - Sh. 1	5/15/1957

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Dwg No.	Dwg Title	Date
78113	Diversion Dam Fish Ladder & Diffusion Box - Sh. 2	6/27/1957
78114	Diversion Dam - Earth Fill	6/1/1957
78117	14' dia. Pipe Line Plan - Profile & Details	3/29/1957
78118	14' dia. Pipe Line Plan - Sections & Details	3/19/1957
78119	14' dia. Pipe Line Plan - Anchors Forms and Reinforcing	3/4/1957
78120	14' dia. Pipe Line Plan - Piers - Forms and Reinforcing	2/10/1957
78121	14' dia. Pipe Line Outlet & Spillway - General Plan & Sections	3/5/1957
78122	14' dia. Pipe Line Outlet & Spillway - Reinforcing	3/30/1957
78123	14' dia. Pipe Line Outlet & Spillway - Reinforcing	3/30/1957
78124	14' dia. Pipe Line Outlet & Spillway - Reinforcing	3/30/1957
78125	14' dia. Pipe Line Outlet & Spillway - Miscellaneous Details	3/10/1957
78127	Project Stop Logs	4/3/1957
78130	Concrete Flumes	2/26/1957
78131	Concrete Flumes	2/26/1957
78133	Flume Transitions	5/16/1957
78134	Forebay - Plan and Sections - Sh.1	4/13/1957
78135	Forebay - Plan and Sections - Sh.2	4/13/1957
78136	Forebay - Plan and Sections - Sh.3	4/13/1957
78137	Forebay - Plan and Sections - Sh.4	4/13/1957
78138	Forebay - Plan and Sections - Sh.5	4/13/1957
78139	Forebay - Plan and Sections - Sh.6	4/13/1957
78140	Forebay - Plan and Sections - Sh.7	4/13/1957
78141	Forebay - Plan and Sections - Sh.8	4/13/1957
78142	Forebay Drainage	4/13/1957
78144	Forebay Spillway - Plan and Sections Sh. 1	4/13/1957
78145	Forebay Spillway - Plan and Sections Sh. 2	4/13/1957
78146	Forebay Spillway - Plan and Sections Sh. 3	4/13/1957
78147	Forebay Spillway - Plan and Sections Sh. 4	4/13/1957
78148	Forebay Spillway - Plan and Sections Sh. 5	4/13/1957
78149	Forebay Spillway - Plan and Sections Sh. 6	4/13/1957
78151	Forebay Trash Racks	2/13/1957
78152	Forebay Automatic Gate Guides and Misc. & Embedded Steel	3/17/1957
78153	Project Gauge Wells & Housing	7/10/1957
78154	Forebay 12'-4" x 8' Automatic Tainter Gate	3/17/1957
78155	Forebay - Automatic Gate Hoist	3/7/1957
78159	Tunnel - Plan, Sections, and Details -Sh.1	9/20/1956
78160	Tunnel - Plan, Sections, and Details -Sh.2	11/9/1956
78161	Proposed Location of Penstock	1/10/1957
78162	Penstock and Surge Tank - Plan and Profile Welded Line	3/18/1957
78163	Penstock and Surge Tank - Plan and Profile Coupled Line	3/28/1957
78164	Penstock & Surge Tank Details	3/27/1957
78165	Penstock Anchor & Surge Tank Foundation Forms and Reinforcing - Sh.1	10/14/1957
78166	Penstock Anchor & Surge Tank Foundation Forms and Reinforcing - Sh.2	10/14/1957
78170	Penstock Anchor at P.I. No. 2	11/27/1957
78171	Penstock Anchors at Powerhouse	12/10/1957
78173	Penstock Ring Girder Supports - Sh. 1	10/15/1957
78174	Penstock Ring Girder Supports - Sh. 2	9/26/1957
78176	Powerhouse Site Plan	4/19/1957
78177	Powerhouse General Arrangement	9/13/1957
78178	Powerhouse Contraction Joints - Construction Joints, Waterstops and Roofing Details	10/5/1957
78180	Powerhouse Excavation	5/1/1957
78181	Powerhouse Draft Tube Forms	5/11/1957
78182	Tailrace - Retaining Walls & Conc. Facing	9/12/1957
78183	Powerhouse Concrete Pour No. 1	4/15/1957
78185	Powerhouse Concrete Pour No. 2	5/15/1957
78188	Powerhouse Concrete Pour No. 3	9/17/1957
78189	Powerhouse Concrete Pour No. 3	9/17/1957
78191	Powerhouse Concrete Pour No. 4	9/23/1957
78192	Powerhouse Concrete Pour No. 4	9/12/1957
78194	Powerhouse Concrete Pour No. 5	8/19/1957
78197	Powerhouse Concrete Pour No. 6	11/7/1957
78198	Powerhouse Concrete Pour No. 6	12/28/1957
78199	Powerhouse Concrete Pour No. 6	12/20/1957
78201	Powerhouse Concrete Pour No. 7	1/10/1958
78202	Powerhouse Concrete Pour No. 7	1/10/1958
78205	Powerhouse Concrete Pour No. 8	1/13/1958
78206	Powerhouse Concrete Pour No. 8	1/20/1958
78207	Powerhouse Concrete Pour No. 9	12/31/1957
78208	Powerhouse Concrete Pour No. 9	1/7/1958
78211	Powerhouse East Loading Platform & Storage Room	8/28/1957
78212	Powerhouse East Loading Platform & Storage Room	9/30/1957



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Dwg No.	Dwg Title	Date
78213	Powerhouse West Loading Platform & Control Room	11/13/1957
78214	Powerhouse West Loading Platform & Control Room	11/13/1957
78221	Powerhouse Draft Tube Gate	1/30/1957
78222	150 Ton Powerhouse gantry Crane - Crane Clearances	2/11/1957
78223	Powerhouse - Door and Window Schedules	7/8/1957
78224	Powerhouse - Lifting Devices for Turbine & Generator Rotor	11/15/1957
78225	Powerhouse - Handrail Details	3/30/1957
78227	Power House Misc. & Embedded Struct. Steel	3/20/1957
78228	Power House Misc. & Embedded Struct. Steel	8/1/1957
78229	Power House Misc. & Embedded Struct. Steel	10/15/1957
78230	Power House Misc. & Embedded Struct. Steel	10/10/1957
80806	Diversion Dam Conduit Layout - Plans, Sections & Details	8/7/1957
80959	Foundation Details 230 KV Substation	n/d
80960	Sections of Cable Trench 230 KV Substation	10/28/1957
81015	Details and Assembly - Butterfly & By-Pass Valve Control Panel	9/26/1957
81043	Plumbing System - Plans, Sections & Details	10/23/1957
81107	General arrangement of Substation, Powerhouse & List of Electrical Reference Drawings	9/17/1957
81127	Powerhouse Heating & Ventilating	11/4/1957
81286	Lighting Substation	10/23/1957
81905	Connection Diagrams for Lone Pine Line OCB	n/d
42122-A1-TF-024	Provisional Map - Chicken Hills, Oreg. - Calif.	6/8/1905
n/a	Spencer Creek Quadrangle, Oregon - Klamath Co. - 7.5 Minute Series (Topographic)	n/d
108412	JCB Forebay - Layout PLC Panel F1	2/1/2006
103927.002	JCB H.P. - Layout Drawing Index, Abbreviations, Legend, and General Notes	5/6/2003
103297.003	JCB H.P. - Layout Headgate - General Site Plan	5/6/2003
103297.004	JCB H.P. - Layout Headgate - Site Arrangement	5/6/2003
103297.005	JCB H.P. - Layout Headgate & Vault Arrangement - Plan & Sections	5/6/2003
103297.006	JCB H.P. - Layout Headgate Structure - Concrete Plans and Sections	5/6/2003
103297.007	JCB H.P. - Layout Headgate Structure - Sections and Details	5/6/2003
103297.008	JCB H.P. - Layout Headgate Miscellaneous Metals - Plans, Sections and Details	5/6/2003
103297.009	JCB H.P. - Layout Vault Sections Assembly - Plan and Sections	5/6/2003
103297.01	JCB H.P. - Layout Upstream Vault Section - Plan, Details, and Sections	5/6/2003
103297.011	JCB H.P. - Layout Vault - Sections and Details	5/6/2003
103297.012	JCB H.P. - Layout Gate Vault Section - Elevation, Sections and Details	5/6/2003
103297.013	JCB H.P. - Layout Downstream Vault Section - Plan, Details, and Sections	5/6/2003
103297.014	JCB H.P. - Layout Headgate - Plans, Sections and Details	5/6/2003
103297.016	JCB H.P. - Layout Headgate Control Building - Sections and Details	5/6/2003
53943	JCB H.P. - Intake Structure - Floating Platform - Plan, Sections & Details	5/6/2003
PD-SK-234	Spillway Glue-LAM Stop Log Details	4/19/1973
571312	9' 8" & 10' 7.5" O.D. Pipe Assys for Penstocks	8/2/1957
571310	Penstock & Surge Tank Plan and Profile (Coupled Line)	7/30/1957

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NOTES:

1. n/d - DATE NOT LISTED OR ILLEGIBLE
2. n/a - NO DRAWING NUMBER OR IDENTIFIER

0	27MAY22	ISSUED WITH REPORT VA103-640/1-9	BC	NB
REV	DATE	DESCRIPTION	PREP'D	RW'D

ATTACHMENT A

100% FINAL Design Report Appendix K1.2May28(Part1)

REDACTED: 100% FINAL Design Report Appendix K1.2May28(Part1) consists in its entirety of information about the location, character, or ownership of historic resources that, if disclosed, may cause a significant invasion of privacy; cause a risk of harm to the historic resource; or impede the use of a traditional religious site by practitioners. The file is marked confidential in accordance with 18 C.F.R. § 388.112, 18 C.F.R. § 388.107 and 36 C.F.R. § 800.11(c).

ATTACHMENT A

100% FINAL Design Report Appendix K1.2May28(Part2)

REDACTED: 100% FINAL Design Report Appendix K1.2May28(Part2) consists in its entirety of information about the location, character, or ownership of historic resources that, if disclosed, may cause a significant invasion of privacy; cause a risk of harm to the historic resource; or impede the use of a traditional religious site by practitioners. The file is marked confidential in accordance with 18 C.F.R. § 388.112, 18 C.F.R. § 388.107 and 36 C.F.R. § 800.11(c).

TABLE K2.1

**KIEWIT INFRASTRUCTURE WEST CO.
 KLAMATH RIVER RENEWAL PROJECT**
**100% DESIGN REPORT
 HISTORIC DRAWING REGISTER - COPCO NO. 1**

Dwg No.	Dwg Title	Date
F-1019	Stress Diagram for Roof Truss for Power House	5/1/1916
Sheet H - 93a	Reinforcement - Lower Toe Wall - Plan @ EL 0', 3.5', 7.3'	9/10/1915
Sheet H - 93b	Reinforcement - Lower Toe Wall - Plan @ EL 0', 3.5', 3.8' 7.3'	9/17/1915
Sheet H - 93c	Reinforcement - Lower Toe Wall - Plan @ EL 7.3', 9.7', 11.8', 15.35	9/3/1915
Sheet H - 93d	Reinforcement - Lower Toe Wall - Plan @ EL 18.6', 21.9'	9/3/1915
Sheet H - 93e	Reinforcement - Lower Toe Wall - Plan @ EL 18.6', 21.9', 25.65', 29.6'	9/10/1915
Sheet H - 93f	Reinforcement - Lower Toe Wall - Plan @ EL 32.7', 36.5', 40.6'	9/10/1915
Sheet H - 93g	Reinforcement - Lower Toe Wall - Plan @ EL 32.7', 36.5', 40.6', 44'	9/17/1915
Sheet H - 93h	Reinforcement - Lower Toe Wall - Plan @ EL 48.24', 52.1', 55.9', 59.2'	9/17/1915
Sheet H - 93i	Reinforcement - Lower Toe Wall - Plan @ EL 63.8', 66.63'	9/17/1915
Sheet H - 93j	Reinforcement - Lower Toe Wall - Plan @ EL 63.8', 66.63', 70.5', 75'	9/24/1915
Sheet H - 93	Reinforcement - Lower Toe Wall - Plan @ EL 21', 17', 13', 10.8'	8/27/1915
Sheet H - 93	Reinforcement - Lower Toe Wall - Plan @ EL 21', 17'	8/20/1915
Sheet H - 90	Dam Foundation	4/2/1915
F-1032	Foundation Plan for West End of Power House	4/3/1917
F-1035	Details of Temporary End	3/15/1917
F-1041	Reinforcement of Gate Chamber - Copco Rock Tunnel	4/21/1921
F-1050	Forms for Draft Tubes	12/14/1916
F-1051	Forms for Draft Tubes	12/14/1916
E-1053	Foundation for Penstock Pipes	2/1/1918
F-1061	Foundation Plan for West End of Power House	4/2/1917
F-1062	Foundation Plan for West End of Power House	4/2/1917
F-1063	Tail Races & Stop Log Piers for Power House	3/29/1917
F-1064	Tunnels under Powerhouse Floor	4/15/1917
F-1065	Power House Sections	2/17/1919
F-1066	Reinforcement for East Wall	7/12/1917
F-1067	Reinforcement for North Wall	6/1/1917
F-1068	Reinforcement for Main Front Wall	7/21/1917
F-1074	Doors for Power House	4/1/1918
F-1078	Reinforcement for Power House Floor	6/22/1917
F-1081	Details of Tunnel Openings	6/16/1917
F-1106	Reinforcement of Layer V	1/1/1918
F-1108	Proportions and Quantities of Concrete as Placed in the Dam to Present Elevation	1/1/1918
F-1109	Diamond Drill Borings	2/8/1913
F-1110	CRIBS 1-8	7/25/1913
F-1111	Plan of Front CutOff Wall	6/1/1915
F-1112	Cross Section of Front CutOff Wall at Deepest Point	2/16/1915
F-1113	Profile of K.R. Dam at Deepest Point in Upper CutOff Wall	6/1/1915
F-1114	Detail of Timbering of Lower Toe CutOff Wall	8/7/1915
F-1115	Strain Sheet of Klamath River Dam No 1	11/1/1913
F-1116	Plan of Timbering of Shaft No 1	12/1/1915
F-1117	Contours of Bedrock in Shaft No 1	12/24/1915
F-1118	Correct Location of Shaft No 1	2/15/1916
F-1119	Details of Front Face of Lower CutOff Wall	5/7/1916
F-1120	Plan & Cross-sections of Shaft No 1	n/d
F-1121	Details of Bottom of Shaft No 1	3/5/1916
F-1122	Details of North Face of Section 1	n/d
F-1123	South Face of Section 1 and North Face of Section 2	8/17/1916
F-1124	Details of Lower Face of Upper CutOff Wall	n/d
F-1125	Shafts at Ends of Upper Wall	8/21/1916
F-1126	Plan & Cross Sections of Shaft No. 2	5/7/1916
F-1127	Details of Bottom of Shaft No 2	6/23/1916
F-1128	Plan & Cross Sections of Shaft No 3	7/9/1916
F-1129	Details of Bottom of Shaft No 3	6/16/1916
F-1130	Plan of Dam Reinforcement	6/11/1916
F-1131	Plan of Dam Reinforcement	6/11/1916
F-1132	Plan & Cross Sections of Section 4 & 5	8/8/1916
F-1133	Details of Bottom of Sections 4 & 5	8/3/1916
F-1135	Sketch of Central Section of Dam & Reinforcement	6/1/1916
F-1136	Sketch for Forms for Double Waste Tunnel	9/28/1916
F-1137	New Location of Double Waste Tunnel	9/25/1916
F-1138	Reinforcing of Blocks from EL 60 to EL 71	9/13/1916
F-1143	Diagram of Rail of Reinforcement	10/12/1916
F-1147	Present Location of Concrete Blocks and Contours on West Side of Dam	10/28/1916
F-1148	Rail Diagram Used for Layers E, F	n/d
F-1149	Reinforcement of Layer E	11/3/1916
F-1150	Reinforcement of West Flume Tunnel	11/6/1916
F-1191	Temporary Waste Weirs - Sheet 1	10/1/1917
F-1192	Temporary Piers and Waste Weirs - Sheet 2	10/1/1917
F-1193	Outline Plan of Gatehouse No 1	1/15/1918
F-1194	Outline Plan of Bulkhead for Unit No 2	1/14/1918
D-1216	Spillway in East Side of Upper CutOff Wall	7/27/1916
D-1220	Elevations of Bed Rock on Forebay Area	7/20/1917



TABLE K2.1

KIEWIT INFRASTRUCTURE WEST CO.
KLAMATH RIVER RENEWAL PROJECT

100% DESIGN REPORT
HISTORIC DRAWING REGISTER - COPCO NO. 1

Dwg No.	Dwg Title	Date
D-1221	Progress in Prospecting Tunnels at Copco	2/2/1920
G-1228	Outline Tracing 18' DIA Steel Plate Casing	6/26/1916
Sheet H-59-2	Dam Foundations	1/15/1915
D-1239	Plan of Copco Dam	8/29/1916
D-1240	Plan and Section of Copco Dam	5/11/1917
F-1255	Plan and Profile of West & East Pipe Lines	10/27/1916
F-1256	Relating to Trenching and Notching Bedrock on West Side of River	n/d
F-1257	Plan of Pipe Line for First Unit	12/2/1916
F-1258	Longitudinal Sections of Intake	12/3/1916
F-1259	Outline of Benches	12/3/1916
F-1260	Cross Sections "e" & "f" of First Unit Pipe Line	12/2/1916
D-1322	Location of Line of Bedrock West End of Proposed Dam	10/28/1916
F-1391	Map Showing Location of Prospecting Shaft	12/6/1916
F-1393	Piers on Penstock Line	2/1/1918
F-1401	Power House Roof Truss	12/1/1921
F-1402	14 Ft. Penstock - Plan No 1	12/28/1921
F-1409	Addition to Dam - Showing Radial Gates	12/23/1921
F-1410	14 Ft. Penstock	12/29/1921
F-1411	Changes from Unit No 1 Headgates	1/16/1922
F-1413	Headgates	1/1/1917
F-1414	Main Headgates	1/1/1917
F-1415	Headgates	1/1/1917
F-1416	Headgates	1/1/1917
F-1417	Mechanism for Headgates	4/10/1917
F-1420	Foundation Plan Power House	2/28/1922
G-1425	Concrete Pours in Headworks EL 197 to 201	8/14/1923
G-1426	Concrete Pours in Headworks EL 185 to 204	8/14/1923
F-1427	Wingwall CutOff Tunnel	8/14/1923
G-1428	Concrete Pours in Headworks	8/14/1923
G-1429	Reinforcement in Headworks EL 190 to 196	8/14/1923
G-1430	Concrete Pours in Headworks	8/14/1923
G-1431	Concrete Pours in Mattress Under Headworks	8/14/1923
G-1432	Concrete Pours in Headworks EL 195	8/14/1923
F-1433	Concrete Around 14 Ft. Steel Penstock - Tunnel Section	8/14/1923
F-1434	Vertical Section of Concrete Around 14 Ft. Steel Penstock Along Developed Center Line	8/14/1923
F-1435	Reinforcing Around 14 Ft Steel Penstock	8/14/1923
G-1437	Piers Under 10 Ft. Penstocks for Unit No 1	8/14/1923
G-1438	Contours-Upper Portal Tunnel for Penstock	10/25/1922
F-1439	Elevation & Sections of By-Pass Tunnel Plug	8/14/1923
F-1440	Details of Foundation P.H.	2/25/1922
F-1442	Reinforcing in Power House Foundation	8/14/1923
F-1445	Concrete Pours in Power House EL 49 to 73.75	8/14/1923
G-1448	Reinforcing in East Abutment Above EL 180	8/14/1923
G-1449	Concrete Pours in Wier Piers and Deck	8/14/1923
E-1451	East Abutment of Dam	9/26/1922
F-1465	Coordinates & Elev. For 14 Ft. Penstock	3/1/1922
C-1468-01	Tests on Cement - Sheet 1	4/4/1922
C-1468-02	Tests on Cement - Sheet 2	4/4/1922
F-1475	Location of Rock Tunnel	11/19/1917
G-2449	Mattress Under Headworks	4/11/1922
G-2450	Section at EL 160 and 169 on Headworks	4/10/1922
G-2451	Vertical Section of Headworks Unit No. 2	5/22/1922
G-2456	Cross Sections-Concrete Section of 14' & 10' Penstocks Units 2 & 3	8/10/1923
G-2518	Plan at EL 170 Showing Reinforcing Ahead and to Rear of Gate Wells	5/5/1922
G-2520	Reinforcement Around Gate Openings Unit No 2	5/10/1922
G-2521	Reinforcement of Concrete Section of Penstocks	7/17/1923
G-2524	Plan at EL 177 Showing Reinforcing Ahead and to Rear of Gate Wells - Unit No 2	8/14/1923
G-2533	Exciter Penstock Extension to Connect to No 2 Unit Penstock	5/20/1922
FB-25516	Regulator Found Det.	4/3/1969
G-2554	Plan at EL 204 for Headworks	6/7/1922
C-2568	Penstock Manhole	6/20/1922
G-2569	Detail of Crest and Piers Raising Dam from EL 169 to EL 202	7/27/1922
26061	Tunnel Forms - Erection Diagram	n/d
F-2607	Screens for Unit No 1	8/21/1922
PD-26237	Copco 1 HE Plant South Basement Plan & Elevation	3/23/1970
F-2635	Vertical Section at Screens-Unit No 1 and at Gates and Screens - Unit No 2	8/29/1922
G-2640	Details Gatehouses No 1 & No 2	5/16/1923
F-4058	Discharge Capacity of One Gate of Copco No 1 Dam	8/20/1925
F-4130	Tailrace Excavation for Unit No 2	11/25/1925
F-443	Cross Sections of Concrete Filling and Pipe Trench for 2-10' Penstock Pipes of First Unit	7/17/1917
F-445	Horizontal Projection and Longitudinal Profiles of 2-10' Penstock Pipes for First Unit	1/28/1917
F-448	Plan and Details of Temporary Waste-Weir	8/14/1917
D-450	Diagram Showing Approximate Contours in Lower Half of 2-10' Pipes in Pipe Well at Intake First Unit	8/14/1917



TABLE K2.1

**KIEWIT INFRASTRUCTURE WEST CO.
KLAMATH RIVER RENEWAL PROJECT**

**100% DESIGN REPORT
HISTORIC DRAWING REGISTER - COPCO NO. 1**

Dwg No.	Dwg Title	Date
D-452	Block System from Bench 112' to 142'	5/8/1917
F-463	Plan of Easterly Waste Tunnel	8/30/1916
D-464	Contours of Bedrock in Shaft No 1	1/19/1916
D-465	Top Finish of Section 3	7/18/1916
D-467	General Outline of Reinforcing System for the Combined Sections 4 & 5 of Foundation for Copco Dam	7/20/1916
D-468	Section 3 Copco Dam	6/9/1916
D-469	Top of Section 3	5/15/1916
D-471	Top Finish of Sections 4-5	8/7/1916
E-4748	Additional Sta. Service Bus for Cottage Circuit on Copco No. 1	6/17/1927
F-5754	Temporary - West Elevation of Power House Copco No 1	6/29/1916
F-5760	Front Elevation of Power House	5/22/1916
F-5766	Exciter Piping	2/15/1999
F-5903	Plan and Profile of 17 Foot Force Pipe	8/23/1916
6043-CD-3	Geologic Plan	n/d
6043-CD-4	Geologic Section	n/d
73312-0013-C1	Spillway Stop Logs	11/26/1991
73312-0013-C2	Spillway Stop Logs	11/26/1991
73312-0013-C3	Spillway Stop Logs	11/26/1991
73312-0013-C4	Stop Log Lifting Device	11/26/1991
844046	Copco Bridge Running Plank	10/26/1984
F-9011	Preliminary Salt Caves Profile	11/28/1962
90117	Foundation Details for CA OR Power Co. Siskiyou Reconstruction	1/23/1922
90131	Foundation Plan for Siskiyou Electric Power Light Co	n/d
91086-1	Copco 1-A Penstock Profile	2/16/1999
91086-2	Copco 1-A Penstock Profile	2/16/1999
D-9439	Copco No 1 Tainter Gate	11/1/1965
F-970	10' Penstock for CA OR Power Co	1/1/1917
A-1990	24" x 48" Manway for 16'-0" I.D. Wood Stave Pipe	2/10/2005
HS-Sheet A	The Watershed of Klamath River Above Copco Dam	6/1/1918
HS-Sheet D	Cross Section of Copco Dam and its Sub-River Foundation	6/1/1918
HS-Sheet E	Plan and Section of Dam and Sub River Chasm/Foundation	6/1/1918
HS-Sheet F	Longitudinal Section of Copco Dam Gatehouse 1 and Bulkhead	6/1/1918
HS-Sheet G	Six Cross Sections of Sub River Chasm Under Copco Dam	6/1/1918
HS-Sheet H	Four Typical Examples of Varying Forms and Dimensions of Interlocking Concrete Blocks Built in place in Copco Dam	6/1/1918
HS-Sheet I	Bluff	6/1/1918
HS-Sheet J	Longitudinal Sections through Gatehouse No 1 and through East 10' Pipeline	6/1/1918
n/a	Section 3 Copco Dam	6/9/1916
5586-C	Excavation Plan - Showing Excavations into Sound Andesite Bedrock throughout for Foundations of Main Dam, Gatehouse, for Unit No 1 and Bulkhead for Unit 2	6/1/1918
5586-B	Progress Report - Copco Dam and Appurtenances Erected in 1915-1917	6/1/1918
5586-A/B	Diagram A & B - Showing General Outline of Reinforcing System	10/1/1916
D-1144	Key to Reinforcing Rails for Double Waste Tunnel	10/4/1916
F-1137	New Location of Double Waste Tunnel	9/25/1916
F-1370	Hedgates to Tunnel	3/5/1913
E-1451	East Abutment of Dam	9/26/1922
n/a	Reinforcing Rails in Section No 2	5/16/1916

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NOTES:

1. n/d - DATE NOT LISTED OR ILLEGIBLE
2. n/a - NO DRAWING NUMBER OR IDENTIFIER

REV	DATE	DESCRIPTION	BC PREP'D	NB RVW'D
0	27MAY22	ISSUED WITH REPORT VA103-640/1-9		

ATTACHMENT A

100% FINAL Design Report_Appendix K2.2_May 28

REDACTED: 100% FINAL Design Report_Appendix K2.2_May 28 consists in its entirety of information about the location, character, or ownership of historic resources that, if disclosed, may cause a significant invasion of privacy; cause a risk of harm to the historic resource; or impede the use of a traditional religious site by practitioners. The file is marked confidential in accordance with 18 C.F.R. § 388.112, 18 C.F.R. § 388.107 and 36 C.F.R. § 800.11(c).

TABLE K3.1

**KIEWIT INFRASTRUCTURE WEST CO.
 KLAMATH RIVER RENEWAL PROJECT**
**100% DESIGN REPORT
 HISTORIC DRAWING REGISTER - COPCO NO. 2**

Dwg No.	Dwg Title	Date
126-01	Topog Residence Area Copco No. Two	3/29/1967
126-02	Floor Plan & Framing Plan	4/16/1968
126-03	Elevations- Permanent Housing and Associated Utilities	3/29/1967
126-04	Sections & Details - Permanent Housing and Associated Utilities	3/29/1967
126-05	Interior Elevations Fireplace & Details - Permanent Housing and Associated Utilities	4/16/1968
1392	Prospect Shaft No. 2	1/10/1917
3288	General Map - Copco No. 2 Development	7/23/1924
3289	General Map - Copco No. 2 Development	7/23/1924
3290	By-Pass Flume - Copco Development No. 2	5/27/1924
3353	Steel Supports for Bridge Across Klamath River	7/3/1924
3359	Tunnel Section	7/8/1924
3360	Bridge Across Klamath River	7/9/1924
3412	Lining for Adit to Tunnel	7/12/1924
3483	Timbering for Heading No. 3 - Tunnel No. 1	12/10/1924
3487	Power House and Tail Race Location	8/16/1924
3494	Bench for 16 Ft. Woodstave Pipe	9/4/1924
3495	Strata Diagram at Air Shaft	9/8/1924
3498	Data on Penstock & Surge Tank	9/9/1924
3503	General Arrangement of Power House	4/19/1925
3528	Cast Iron Column for Hydraucone	9/25/1924
3538	Details of reinforcing Bars - Draft Tube Floor Slab	10/7/1924
3547	White Hydraucone Regainer	10/8/1924
3548	Sections - White Hydraucone Regainer	10/9/1924
3593	Muck Car One Cub YD - Dump	10/14/1924
3643	Penstocks	12/8/1924
3649	Bending Schedule - Reinforcing Bars - Hydraucone & Draft Tube Walls	11/14/1924
3650	Diversion Dam	11/17/1924
3653	Outside Elevations of Power House	11/17/1924
3656	Roof Truss - Power House	11/20/1924
3657	Plan-Cross Section & Roof Bracing - Steel Framing	10/20/1924
3658	Side Framing - Power House	2/7/1925
3659	Girt Framing to Columns Sections	11/20/1924
3660	Girts and Framing - Power House	11/20/1924
3661	End Framing Power House	2/7/1925
3663	Bending Schedule - Reinforcing Bars - Draft Tube Roof	12/9/1924
3664	Bending Schedule - Reinforcing Bars - Draft Tube Roof	12/10/1924
3665	Bending Schedule - Reinforcing Bars - Draft Tube Roof	12/11/1924
3676	Hydraucone and Draft Tube Walls	12/2/1924
3677	Hydraucone and Draft Tube Walls	11/24/1924
3678	Method of Driving - Heading No. 4	11/12/1924
3683	Draft Tube Roof	12/11/1924
3684	Sections - Draft Tube Roof	12/11/1924
3685	Details of Beams - Draft Tube Roof	12/6/1924
3691	Tramway at Dam	8/27/1925
3693	Concrete Wall Sections - Power House	1/30/1925
3694	Plan of Generator Room Floor - Power House	2/7/1925
3718	Steel Nipples and Vent Pipes Between Tunnels and 16 ft Wood Stave Pipe	12/2/1924
3719	Steel Cradle for 16 ft Wood Stave Pipe	1/1/1925
3721	Plan of Diversion Dam Site and Intake	12/30/1924
3722	Cross Section of Bed of Klamath River at Diversion Dam	12/29/1924
3725	Excavation for Intake and Diversion Dam	1/2/1925
3726	Intake Structure Floor Slab and Section Along Bell Mouth	1/6/1925
3727	Intake Structure - Plan of Top Slab	1/6/1925
3728	Intake Structure - Section Along Tunnel Axis	1/5/1925
3729	Intake Structure Sections of Upstream & Downstream Walls & Buttress	1/5/1925
3730	Intake Structure Front Elevation Looking Southwest	1/5/1925
3731	Intake Structure Transition Section of Tunnel at Station 0+20	1/6/1925
3733	Intake Structure Elevation of Downstream Wall	1/21/1925
3735	Bending Schedule Reinforcing Bars - Intake Structure	1/20/1925
3739	Plan Below Elev. 137' Power House	1/10/1925
3740	Section, S & W Elevations Below Elevation 135 Power House	1/27/1925
3741	Sections Below 138' Power House	2/6/1925
3742	Structural Steel for Intake	1/10/1925
3746	Reinforcing Cross Section & Upstream Elevation - Diversion Dam	1/8/1925
3747	Templet for Dam Crest	1/21/1925
3748	Upstream Elev. & Cross Sections Diversion Dam	6/18/1925
3749	Plan of Diversion Dam	6/18/1925
3753	Detail of Cradle Footings	1/14/1925
3754	Retaining Walls of tailrace	1/19/1925
3755	Foundation for Butterfly Valve Operating Mechanisms	2/4/1925
3756	Foundation for Governors	1/19/1925
3767	Bending Schedule - Reinforcing Bars Intake Structure	1/28/1925
3768	Bending Schedule - Reinforcing Bars Intake Structure	1/27/1925
3775	Plan of Power House Walls at EL 138'	2/3/1925
3776	Plan of Power House Walls at EL. 130'	2/6/1925

TABLE K3.1

**KIEWIT INFRASTRUCTURE WEST CO.
 KLAMATH RIVER RENEWAL PROJECT**
**100% DESIGN REPORT
 HISTORIC DRAWING REGISTER - COPCO NO. 2**

Dwg No.	Dwg Title	Date
3777	East & West Walls of Power House from EL. 119' to 138'	2/2/1925
3778	N & S Walls E Wall of Rear Passageway EL. 119' to 138' & Crosswall Below EL. 130'	2/3/1925
3779	Foundation for Transformers	1/17/1925
3788	Pole Location & Foundations - Switching Station	2/10/1925
3789	Power House Floor Reinforcing Plan	2/13/1925
3790	Floor Sections Power House	2/13/1925
3791	Bending Schedule for Reinforcing Bars in Power House Floor	2/12/1925
3792	Floor Sections Power House	2/16/1925
3793	Forms & Steel for Invert - Tunnel No. 1	2/17/1925
3794	Support and Cover for Headgate Hoist	1/22/1925
3795	Walls and Columns at EL. 138' - Power House	1/28/1925
3799	Transformer Transfer Truck	2/18/1925
3800	Control Conduit Generator Floor - Power House	4/24/1925
3801	Duct Line Arrangement for Generator Leads	2/10/1925
3802	Reinforcing Between EL 119' & 130' - Power House	2/20/1925
3803	Detail of Barriers at End of Ducts - Generators No. 1 & No. 2	2/21/1925
3804	Stress Diagram of Tunnel Section at Intake	11/26/1924
3805	Connection Between Lower Portal, Tunnel No. 1 and 16 ft. Wood Stave Pipe	2/20/1925
3806	Bending Schedule for Reinforcing Bars Between EL. 119' & 130' - Power House	2/18/1925
3811	Sections Switching Station	2/27/1925
3815	Assembly of Wooden Forms for Tunnel #1	2/27/1925
3817	Stair Details - Power House	1/13/1925
3819	Reinforcing for Gallery Floor Machine Shop and Office Walls - Power House	3/5/1925
3820	Bending Schedule for Reinforcing in Gallery Floor - Power House	3/11/1925
3821	Support for Blaw-Knox Form in Rock Section of Tunnels	3/7/1925
3822	Transition Between Intake & Tunnel No. 1 Sta. 0+08 to 0+20	3/13/1925
3823	Bending Schedule Reinforcing Bars Transition Section Between Intake & Tunnel No. 1	2/25/1925
3824	Bending Schedule Reinforcing Bars Transition Section Between Intake & Tunnel No. 1	2/27/1925
3831	Roof and Cornice Details Power House	3/8/1925
3832	Ladder & Air Inlet Gratings Power House	3/17/1925
3835	Reinforcing in End Walls - Power House	3/24/1925
3836	Reinforcing in Side Walls and bending Schedule - Power House	3/23/1925
3840	Details of East Elevation Low-Tension Bus Structure	3/5/1925
3841	Detail of West Elevation Low-Tension Bus Structure	3/20/1925
3847	Penstock Ancor No. 1A	3/28/1925
3848	Penstock Ancor No. 2	4/6/1925
3853	Racks for Intake	3/27/1925
3854	Gratings for Intake	3/31/1925
3855	Bending Schedule Reinforcing Bars Connection Between Lower Portal, Tunnel No. 1 and 16 ft Wood St	3/27/1925
3859	Battery Room Arrangement - Power House	3/30/1925
3862	Penstock Anchor No. 1B	3/21/1925
3863	Reinforcing for Cell Structure - Power House	4/1/1925
3868	Penstock Anchor No. 3	4/8/1925
3879	Assembly of Concrete Slab Low-Tension Bus Structure	4/10/1925
3882	Cross Section of Power House	4/18/1925
3883	Location of Operating Platforms and Fence at Switching Station	4/21/1925
3885	Detail of Cell Doors Low-Tension Bus Structure	4/21/1925
3889	Bill of Material Switching Station	4/21/1925
3890	Water Supply Piping for Transformers	4/23/1925
3893	Assembly of Auxiliary Oiling System Power House	4/16/1925
3895	Details of Auxiliary Oiling System Power House	4/27/1925
3896	Plan of Upper Part of Surge Chamber, Spillweir and Spill Tunnel	4/28/1925
3897	Profile of Surge Tank on Center Line of Spillway Tunnel	4/29/1925
3904	Ventilator & Damper Details - Power House	5/2/1925
3927	Sheet Metal Doors in Basement - Power House	5/22/1925
3928	General Arrangement of Diversion Dam and intake	5/25/1925
3930	Upstream & Downstream Elevations of Diversion Dam	5/25/1925
3931	Cross Sections of Diversion Dam	5/25/1925
3933	Steps Over Spiral Casing to Turbines No. 1 and 2	6/19/1925
3943	Perspective of Powerhouse	5/21/1925
3944	Reinforcing of 21" Concrete Invert Tunnels No. 1 and No. 2	4/20/1925
3945	Details of Retaining Walls of Tailrace	7/9/1925
3947	Arrangement of Screens Around Generator Leads	6/4/1925
3949	Transition Section Tunnel to Penstocks Sections	6/4/1925
3950	Transition Section Tunnel to Penstocks Sections	6/5/1925
3951	Transition Section Tunnel to Penstocks Plan and Vertical Section	6/3/1925
3952	Transition Section Tunnel to Penstocks Delineation for Forms	6/6/1925
3954	General Arrangement Surge Chamber, Storage Gallery and Transition Section Tunnel to Penstocks	6/8/1925
3955	Sections Surge Chamber, Storage Gallery and Transition Section Tunnel to Penstocks	6/10/1925
3960	Needle Beam for Stop Logs Diversion Dam	6/16/1925
3962	Reinforcing of Deck of Diversion Dam	6/12/1925
3968	Longitudinal Section of Power House Looking East	6/18/1925
3969	Longitudinal Section of Power House Looking West	6/18/1925
3987	General Arrangement and Details of Water Level Indicator at Diversion Dam	6/29/1925
4001	Wingwalls and Apron Below Diversion Dam	7/13/1925



TABLE K3.1
KIEWIT INFRASTRUCTURE WEST CO.
KLAMATH RIVER RENEWAL PROJECT

100% DESIGN REPORT
HISTORIC DRAWING REGISTER - COPCO NO. 2

Dwg No.	Dwg Title	Date
4004	Profile Along Conduit Center Line	7/22/1925
4006	Concrete Wall at Upper Expansion Joint of Penstock	7/21/1925
4007	Bending Schedule Reinforcing Bars Intake Structure	6/30/1925
4008	Bending Schedule Reinforcing Bars Penstock Anchor No. 1A	6/23/1925
4009	Bending Schedule Reinforcing Bars Penstock Anchor No. 1B	6/24/1925
4010	Bending Schedule Reinforcing Bars Penstock Anchor No. 2	6/27/1925
4011	Bending Schedule Reinforcing Bars Penstock Anchor No. 3	6/29/1925
4012	Bending Schedule Reinforcing Bars Diversion Dam	7/2/1925
4013	Bending Schedule Reinforcing Bars Diversion Dam	7/3/1925
4014	Bending Schedule Reinforcing Bars Connection Between 16 ft Wood Stave Pipe and Upper Portal, Tun	7/1/1925
4015	Grout Holes at Intake	7/27/1925
4016	Grout Holes Diversion Dam	7/27/1925
4017	Cross Sections and Earth Formation of Cradle Foundations for 16 ft Wood Stave Pipe	5/15/1925
4018	Plan of Tailrace Power House & Bus Structure	7/28/1925
4019	Plan of Penstocks, Surge Chamber and Spillway Tunnel	7/23/1925
4020	Longitudinal and Cross Sections of penstocks, Surge Chamber and Spillway Tunnel	7/22/1925
4052	Location of Elevation Points on Penstocks No. 1 and No. 2 for Checking Settling	6/15/1925
4053	Dam Closure at Bypass Flume	6/9/1925
4054	Concrete Gun Carraige	8/19/1925
4055	Wood Slat Mats for Gallery in Power House	8/18/1925
4057	Concrete Gun Platform	8/19/1925
4059	Discharge Capacity of One Gate	8/20/1925
4060	Bending Schedule Reinforcing Bars Tunnel No. 2 Penstock Anchor No. 4	6/20/1925
4061	Bending Schedule Reinforcing Bars Tunnel No. 2 Penstock Anchor No. 4	6/19/1925
4062	Bending Schedule Reinforcing Bars Tunnel No. 2 Penstock Anchor No. 4	6/18/1925
4063	Reinforcing Steel Tunnel No. 1 Sta. 0+20 to Sta. 24+18 Tunnel No. 2 Sta 37+35 to Sta. 46+76	8/20/1925
4064	Reinforcing Steel in Cradle Footings	8/11/1925
4065	Reinforcing Steel North Retaining Wall in Tailrace (I)	8/1/1925
4066	Bending Schedule Reinforcing Steel Retaining Wall in Tailrace South Side	8/21/1925
4067	Bending Schedule Reinforcing Steel Retaining Wall in Tailrace North Side	8/11/1925
4068	Mounting of Governor Belt Tightener	9/18/1925
4106	Assembly and Details of Governor Belt Tightener	10/8/1925
4113	Profile of River Channel Below Pool at End of Tailrace	6/24/1925
4114	Power House Back Fill EL 97' to 129'	1/11/1925
4158	Pitting of Original Runners Which Failed Units 1 & 2	2/4/1926
4159	Original Runner that Failed	1/14/1926
4160	Runner for Unit No. 1 to Replace Runner that Failed	1/12/1926
4205	Copco Access Bridge - Western Wood Structures Inc.	n/d
4205-1	Copco Access Bridge - Western Wood Structures Inc.	n/d
4205-2	Copco Access Bridge - Western Wood Structures Inc.	n/d
4261	Cross Sections of Klamath River Above, Below and at Dam Axis	n/d
4262	Traverse and Contours Klamath River Below Diversion Dam	12/2/1925
4263	Cross Sections of Tail Race Sta. 1+00 to Sta. 8+60	11/25/1925
4264-01	Cross Sections of Spill Tunnel	6/11/1925
4264-02	Cross Sections of Spill Tunnel	6/11/1925
4265	Cross Sections of Klamath River Below Diversion Dam	n/d
4266	Cross Sections of Excavation for penstocks	1/9/1925
4267	Cross Sections of Surge Chamber	n/d
4268	Contact Plane Between Rock and Soft Ground in Tunnel No. 2	1/9/1926
4269	Tunnel Timbering	12/10/1924
4339	Concrete Parapets for Intakes to Drains on 16 ft Pipe Bench	6/26/1925
4747	Tunnel No. 1 Tunnel Timbers for Heading No. 3	6/25/1926
4748	Additional Sta. Service Bus for Cottage Circuit on Copco No. 1	6/17/1927
5395	Insurance Map	4/5/1933
6516	15,000 KVA W.E.M CO. Generator	4/10/1947
7950-16	Concrete Foundation & Footing Details	5/9/1958
7950-17	Duct System for Copco 2 125 KV Yard	5/9/1958
8341-1	Transformer Bank Sections Steel Structure	3/24/1958
8341-2	Steel Details Copco 2 Transformer Bank Structure	2/16/1959
9015	Copco No. 2 Mess Hall and Bunk House	11/20/1962
9458	Proposed Landing Moorage Facilities	1/13/1960
19720-1	12 Man Bunkhouse Plans, Elevations and Details (1 of 5)	n/d
19720-2	12 Man Bunkhouse Plans, Elevations and Details (2 of 5)	n/d
19720-3	12 Man Bunkhouse Plans, Elevations and Details (3 of 5)	n/d
19720-4	12 Man Bunkhouse Plans, Elevations and Details (4 of 5)	n/d
20234-02	46' x 34' Control House Foundation Detail	7/23/1964
20234-03	46' x 34' Control House Foundation Steel Detail	7/23/1964
20234-04	46' x 34' Control House Foundation Steel Detail	7/23/1964
20235	48' x 34' Control House Foundation Anchor Bolt Pln	6/26/1964
20237	Septic System Water Pipe Layout	n/d
20392	34' x 48' Control House Floor Plan & Elevations	3/20/1964
22770	12 Man Bunkhouse Location & Grading Plan	3/18/1964
24424	General Elevations 12 KV Yard	12/10/1975
24645	Foundation Plan	7/11/1968
25617	Boat Ramp - Misc. Details	1/3/1966



TABLE K3.1
KIEWIT INFRASTRUCTURE WEST CO.
KLAMATH RIVER RENEWAL PROJECT

100% DESIGN REPORT
HISTORIC DRAWING REGISTER - COPCO NO. 2

Dwg No.	Dwg Title	Date
30635-01	Bank Protection @ Tailrace Plan & Profile	n/d
30635-02	Bank Protection @ Tailrace Cross Sections	n/d
33818	Topography Profile and Cross Sections in Tail Race for Copco No. 2	5/26/1931
33838	Fluctuation in River Level Caused by Load Factor Operation	8/14/1931
36302	Copco 2 Access Bridge Plans	n/d
36545-01	Copco 2 Access Bridge Location	n/d
36545-02	Copco 2 Access Bridge Steel Details	4/8/1981
36545-03	Copco 2 Access Bridge Details	4/8/1981
36545-04	Copco 2 Access Bridge Pier & Mud Sill Details	2/7/1981
37233	Intake Structure Trash Rack Steel Details	11/17/1982
38065-01	Oil Spill Containment System Plan	8/14/1985
38065-02	Oil Spill Containment System Section & Details	8/14/1985
45619H01	SPCC Plan Exhibit C - Dam Plan	8/12/1994
45620H01	SPCC Plan Exhibit D - Powerhouse Site Plans	8/12/1994
45621H01	SPCC Plan Exhibit E - Shop Facilities and Site Plan	8/12/1994
46094H01	SPCC Modifications - Powerhouse Oil Containment - General Arrangement	12/9/1994
46094H02	SPCC Modifications - Oil Containment Tank - Sections & Details	12/9/1994
46094H03	SPCC Modifications - Powerhouse Sump - Sections & Details	12/9/1994
46094H04	SPCC Modifications - Transformer Oil Containment - Plan & Sections	12/9/1994
46094H05	SPCC Modifications - Transformer Oil Containment - Sections & Details	12/9/1994
46094H06	SPCC Modifications - Cable Schedule	12/9/1994
46094H07	SPCC Modifications - Details	12/9/1994
49005H01	Water System - Base Map	9/11/1995
49005H02	Water System - Details	12/26/1995
49546H01	Assembly of Caterpillar - Gate & Hoist	7/16/1997
49546H02	Caterpillar Gate - Frame Details	7/16/1997
49546H03	New Riser Frame & New Roller Chain	7/16/1997
50371H01	Position Encoder Assembly	1/6/1997
50371H02	Position Encoder Support	1/6/1997
73313-0004-C1	Access Road Paving Site Plan	n/d
73313-0004-C2	Access Road Paving Sections	n/d
73313-0005-C1	Shop/Storage Building Conceptual Plan	n/d
90639	Radial Gate - Main Trigger	12/10/1925
90662	Arrangement of Governor Piping Unit No. 2	n/d
90819	Details of Kinnear Steel Rolling Doors for Copco 2 Stairs to Oil Room	n/d
9235000920	Outline 48x30	3/3/1989
A 1990	24"x48" Manway for 16' I.D. Wood Stave Pipe	2/10/2005
A1D4103A	Floor Plan	11/30/2006
G-4018	Plan of Tailrace Power House & Bus Structure	7/28/1925
PD-S20	20'x40' Control House Addition Concrete Block	5/16/1905
Sheet 1	Computation Sheet	n/d
Sheet 71	Tunnel & Penstock Anchor No. 4	5/5/1925
Sheet No. 38	Tunnel	4/27/1925
Sheet No. 39	Tunnel	4/27/1925
Sheet No. 40	Tunnel	4/27/1925
Sheet No. 72	Tunnel & Penstock Anchor No. 4	5/7/1925
Sheet No. 73	Tunnel & Penstock Anchor No. 4	5/7/1925
Sheet No. 76	Tunnel & Penstock Anchor No. 4	5/8/1925

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NOTES:

1. n/d - DATE NOT LISTED OR ILLEGIBLE
2. n/a - NO DRAWING NUMBER OR IDENTIFIER

0	27MAY22	ISSUED WITH REPORT VA103-6401-9	BC	NB
REV	DATE	DESCRIPTION	PREP'D	RVW'D

ATTACHMENT A

100% FINAL Design Report_Appendix K3.2_May 28

REDACTED: 100% FINAL Design Report_Appendix K3.2_May 28 consists in its entirety of information about the location, character, or ownership of historic resources that, if disclosed, may cause a significant invasion of privacy; cause a risk of harm to the historic resource; or impede the use of a traditional religious site by practitioners. The file is marked confidential in accordance with 18 C.F.R. § 388.112, 18 C.F.R. § 388.107 and 36 C.F.R. § 800.11(c).

TABLE K4.1

**KIEWIT INFRASTRUCTURE WEST CO.
 KLAMATH RIVER RENEWAL PROJECT**
**100% DESIGN REPORT
 HISTORIC DRAWING REGISTER - IRON GATE**

Dwg No.	Dwg Title	Date
05-136A-01	Iron Gate Dam Tunnel Rehabilitation Cofferdam Plan View & Details	7/28/2005
192	Fishway Regulating Slots	5/17/1974
233-01	Radial Gate Layout in Spillway	7/20/1973
233-02	Radial Gate Section in Spillway	5/15/1973
1111-7055	Gate & Lift Specifications	n/d
1458-1	Klamath River Bridge Structural	4/13/1965
1458-2	Klamath River Bridge Structural	4/13/1965
2579-D1	Iron Gate Tunnel Rehabilitation - Pipe Hanger	n/d
2579-D2	Iron Gate Tunnel Rehabilitation - Walkway Over Fish Ladder	n/d
2579-D3	Iron Gate Tunnel Rehabilitation - Walkway Over Fish Ladder	n/d
2579-D4	Iron Gate Tunnel Rehabilitation - Walkway Over Fish Ladder	n/d
2579-D5	Iron Gate Tunnel Rehabilitation - Walkway Over Fish Ladder	n/d
2579-D6	Iron Gate Tunnel Rehabilitation - Walkway Over Fish Ladder	n/d
2579-D7	Iron Gate Tunnel Rehabilitation - Walkway Over Fish Ladder	n/d
2579-D8	Iron Gate Tunnel Rehabilitation - Transition Structure	n/d
2579-D9	Iron Gate Tunnel Rehabilitation - Transition Structure	n/d
2579-D10	Iron Gate Tunnel Rehabilitation - Transition Structure	n/d
2579-D11	Iron Gate Tunnel Rehabilitation - Transition Structure	n/d
2579-D12	Iron Gate Tunnel Rehabilitation - Pipe Hanger	n/d
4147H01	12' - Penstock - Iron Gate Proj. Schedule 1	3/7/1961
4149H01	12' - Penstock - Iron Gate Proj. Schedule 1	5/16/1961
4168H01	12' - Penstock - Iron Gate Proj. Schedule 1	6/20/1961
5407-A-111	Iron Gate Dam Crest Modification	1/25/1966
5407-A-112	Iron Gate Spillway Chute Excavation	1/25/1966
5407-A-113	Iron Gate Spillway Terminal Structure Excavation	1/25/1966
5407-A-114	Iron Gate Excavation Sections - Sheet 1	1/25/1966
5407-A-115	Iron Gate Excavation Sections - Sheet 2	1/25/1966
5407-A-116	Iron Gate Spillway Floor Slabs in Side Channel	1/25/1966
5407-A-117	Iron Gate Spillway Extension of Concrete Walls at the Control Structure	1/25/1966
5407-A-118	Iron Gate Spillway Chute - Plan & Profile	1/25/1966
5407-A-119	Iron Gate Spillway Terminal Structure - Plan & Profile	1/25/1966
5407-A-120	Iron Gate Spillway - Terminal Structure - Sections	1/25/1966
5407-A-123	Iron Gate Spillway Chute - Reinforcement - Sheet 1	1/25/1966
5407-A-125	Iron Gate Spillway Chute - Reinforcement - Sheet 3	1/25/1966
5407-A-126	Iron Gate Spillway Chute - Reinforcement - Sheet 4	1/25/1966
5407-A-127	Iron Gate Spillway - Terminal Structure Reinforcement Sheet 1	1/25/1966
5407-A-128	Iron Gate Spillway - Terminal Structure Reinforcement Sheet 2	1/25/1966
5407-A-129	Iron Gate Spillway - Terminal Structure Reinforcement Sheet 3	1/25/1966
6734	Iron Gate Reservoir Area and Capacity Curve	5/4/1949
7974	9' Howell Bungler Valve - Maximum Theoretical Discharge vs. Reservoir Elevation	1/10/1957
7975	Iron Gate Plant Capability vs. Head	1/10/1957
8214	Iron Gate Development Operators Cottage Site	5/25/1962
8463	General Plan and Sections	n/d
8523	Power Output vs. Head at 100% Gate Opening	n/d
8548H01	Iron Gate Test Holes	7/1/1960
8558	Iron Gate Test Hole Location	2/26/1960
8560	Permeability Test Method	7/20/1960
8566	Log of Powerhouse Test	n/d
8580-A	Location of Gaging Stations	11/19/1960
8581H01	Iron Gate Project - Spillway - Plan Profile & Sections	n/d
8618H01	Iron Gate Dam - Plan Sections & Details	10/18/1960
8643H01	Iron Gate Dam - Downstream Toe Drain	11/29/1960
8676H01	Grout Holes - Iron Gate Dam	3/21/1961
8676H02	Additional Grout Holes - Iron Gate Dam	3/21/1961
8678	Grouting - Curtain at Diversion Tunnel	1/19/1961
8695H01	Spillway - Plan, Profile & Sections	4/17/1961
8695H02	Spillway - Plan, Profile & Sections	4/17/1961
8717	Jenny Creek Bridge for Reservoir Road Relocation	12/8/1960
8720	Proposed Filter and Drain	5/12/1961
8859H01	Spillway - Plan, Profile & Sections	3/23/1965
8865	IGD Tunnel Gate Discharge Curve	1/1/1962
8881	Iron Gate MW vs. CFS	3/15/1962
8882	Iron Gate Gross and Net Head and Tailwater Elevation for 2127 Forebay	Mar-16
8883	Iron Gate Efficiency Turbine and Plant	Mar-62
8892	Iron Gate Head Loss	11/2/1961
8947	Iron Gate Flow 1961 CFS vs CFS Below Fall Cr.	3/9/1962
8953	Iron Gate CFS Increase	3/9/1962
8957	Outline of Iron Gate Development	n/d
9044	Klamath River Flow - CFS at gage Below IG vs. CFS at Gage Below Fall Cr.	12/7/1962
9068	Iron Gate Plant Head and Tailwater	2/9/1963
9188H01	Spillway Discharge Structure	12/12/1963

TABLE K4.1

**KIEWIT INFRASTRUCTURE WEST CO.
 KLAMATH RIVER RENEWAL PROJECT**
**100% DESIGN REPORT
 HISTORIC DRAWING REGISTER - IRON GATE**

Dwg No.	Dwg Title	Date
9360H01	Iron Gate Spillway - Retaining Wall Location and Elevation	4/5/1965
9374H01	Iron Gate Spillway - Profile of Nappe	4/28/1965
9375H01	Iron Gate Spillway - Cross-Section	4/23/1965
9375H02	Iron Gate Spillway - Cross-Section	4/21/1965
9375H03	Iron Gate Spillway - Cross-Section	4/21/1965
9375H04	Iron Gate Spillway - Cross-Section	4/21/1965
9376H1	Iron Gate Spillway - Plan and Profile	4/28/1965
9376H2	Iron Gate Spillway - Plan and Profile	4/29/1965
9376H3	Iron Gate Spillway - Plan and Profile	4/22/1965
9376H4	Iron Gate Spillway - Plan and Profile	4/22/1965
9377H1	Iron Gate Spillway - Topography of Hole	5/1/1965
9500H00	Iron Gate Spillway - Cross-Section	5/12/1965
9501-1	Iron Gate Development - Plan & Cross-Section	5/3/1965
9501-2	Iron Gate Development - Plan & Cross-Section	5/2/1965
9501-3	Iron Gate Development - Plan & Cross-Section	5/2/1965
9501-4	Iron Gate Development - Plan & Cross-Section	5/3/1964
9501-5	Iron Gate Development - Plan & Cross-Section	5/3/1965
9501-6	Iron Gate Development - Plan & Cross-Section	5/3/1965
9502	Iron Gate Spillway Center Line Profile	4/26/1965
29763-01	Iron Gate Dam - Radial Gate Layout in Spillway	7/20/1973
29763-02	Iron Gate Dam - Radial Gate Section in Spillway	5/15/1973
30665	Iron Gate Spillway & Chute Repair - Plan & Details	6/20/1974
33833	Geologic Sections at Damsite	5/12/1931
33834	Bedrock Contours and Geologic Map of Damsite	7/21/1931
33835	Log of Diamond Drill Holes at Damsite	5/7/1931
73311-0003	150-Ton Gantry Crane - Radio Control Schematic	8/4/1992
73311-003E	150-Ton Gantry Crane System - Interconnection Diagram	8/3/1992
87050H01	Data Sheet and Reference List of Drawings	4/21/1961
87051	General Arrangement of Development and Logs of Borings	3/10/1961
87053A	Power Dam Earth Fill	3/10/1961
87053B	Power Dam - Spillway - Plan, Profile and Sections	12/10/1960
87057H01	Power Dam - Spillway - Trash Sluice Gate & Misc. & Embedded Structural Steel	1/27/1961
87058B-01	Power Dam - Spillway - Plan, Profile and Sections	12/10/1960
87059H01	Power Dam - Spillway - Trash Sluice Abutments & Details	1/15/1961
87063H01	Project Footbridges Abutments	7/10/1961
87064H01	Power Dam Project Footbridges	6/5/1961
87065H01	Sluice and Diversion Tunnel - Alignment, Sections & Details	6/7/1960
87066-01	Reinforcing Steel Schedule	10/12/1960
87066-02	Reinforcing Steel Schedule	10/12/1960
87066-03	Reinforcing Steel Schedule	10/12/1960
87066-04	Reinforcing Steel Schedule	10/12/1960
87066H01	Sluice and Diversion Tunnel Outlet Structure	10/12/1960
87067-02	Reinforcing Steel Schedule	10/12/1960
87067-03	Reinforcing Steel Schedule	10/12/1960
87067-04	Reinforcing Steel Schedule	10/12/1960
87067-05	Reinforcing Steel Schedule	10/12/1960
87067-06	Reinforcing Steel Schedule	10/12/1960
87070-01	Reinforcing Steel Schedule	12/16/1962
87070-02	Reinforcing Steel Schedule	12/16/1962
87070H01	Sluice and Diversion Tunnel - Gate Structure - Structure in Rock	8/18/1960
87071H01	Sluice and Diversion Tunnel - Gate Structure - Closure Gates	12/18/1960
87072H03	Sluice and Diversion Tunnel - Gate Structure - Structure Above Rock	2/21/1961
87074H01	Sluice and Diversion Tunnel - Gate Structure & Closure Gates - Misc. and Embedded Structural Steel	9/22/1960
87076A01	Sluice and Diversion Tunnel - Gate Structure - Gate Hoist Frame & Hoisting Details	2/24/1961
87077H01	Power Dam - Power Intake & Diversion Tunnel Gate Structures - Hydraulic Gate Hoists - General Arrangements	12/13/1960
87078H02	Sluice and Diversion Tunnel - Gate Structure - Gate Hoist Frame & Hoisting Details	4/28/1961
87092H01	12 Ft. DIA- Penstock - Alignment, Profile, & Details	11/1/1960
87093H01	Power Dam Toe & Penstock Alignment - Trench Drainage Piping	4/3/1961
87094H01	Penstock Ring Girder Supports	6/12/1961
87096H01	Penstock Anchor No. 1 and Earthfill Dam Protection Retaining Wall	5/12/1961
87097H01	Penstock Anchor No. 2	4/17/1961
87098H01	Penstock Anchor No. 3	6/16/1961
87112	Powerhouse Draft Tube & By-pass Gates	5/3/1961
87114	Project Door and Window Schedule	5/12/1961
87116	Project Misc. Structures for Sanitary & Fish Facilities	3/10/1961
87124	Powerhouse Draft Tube Form	1/18/1960
87125	Powerhouse - Pour 1 - Concrete Forms and Reinforcement	1/31/1961
87127	Powerhouse - Pour 2 - Concrete Forms and Reinforcement	3/17/1961
87128	Powerhouse - Pour 2 - Concrete Forms and Reinforcement	3/14/1961
87129	Powerhouse - Pour 3 - Concrete Forms and Reinforcement	4/7/1961

TABLE K4.1

**KIEWIT INFRASTRUCTURE WEST CO.
 KLAMATH RIVER RENEWAL PROJECT**
**100% DESIGN REPORT
 HISTORIC DRAWING REGISTER - IRON GATE**

Dwg No.	Dwg Title	Date
87130	Powerhouse - Pour 3 - Concrete Forms and Reinforcement	4/10/1961
87131	Powerhouse - Pour 4 - Concrete Forms and Reinforcement	4/8/1961
87132	Powerhouse - Pour 4 - Concrete Forms and Reinforcement	4/20/1961
87134	Powerhouse - Pour 5 - Concrete Forms and Reinforcement	6/26/1961
87136	Powerhouse - Pour 6 - Concrete Forms and Reinforcement	7/29/1961
87137	Powerhouse - Pour 6 - Concrete Forms and Reinforcement	7/28/1961
87138	Powerhouse - Pour 7 - Concrete Forms and Reinforcement	7/28/1961
87139	Powerhouse - Pour 7 - Concrete Forms and Reinforcement	8/7/1961
87140	Powerhouse - Pour 8 - Concrete Forms and Reinforcement	7/1/1961
87141	Powerhouse - Pour 8 - Concrete Forms and Reinforcement	7/7/1961
87142	Powerhouse - Pour 8 - Concrete Forms and Reinforcement	7/17/1961
87145	Project Stop Logs and Jacking Down Device	5/16/1961
87146	Powerhouse Loading Platform	5/27/1961
87167H01	Sluice & Diversion Tunnel Gate Structure - Housing for Gate Hoist	7/21/1961
87168H01	Power Conduit Intake Structure - Housing for Gate Hoist	7/21/1961
87937-01	Sluice & Diversion Tunnel Gate Structure Method of Pouring & Lowering Closure Gates	8/1/1961
87937-02	Sluice & Diversion Tunnel Gate Structure Method of Pouring & Lowering Closure Gates	8/1/1961
87937-03	Sluice & Diversion Tunnel Gate Structure Method of Pouring & Lowering Closure Gates	8/1/1961
87937-04	Sluice & Diversion Tunnel Gate Structure Method of Pouring & Lowering Closure Gates	8/1/1961
87937-05	Sluice & Diversion Tunnel Gate Structure Method of Pouring & Lowering Closure Gates	8/1/1961
PD-46626-2	Intake Structure Trash Rack	6/30/1995
PD-46626-4	Dam & Turbine Generator Area - Site Plan	6/30/1995
8814	Parking Lot	n/d
9187	Cross-Section Spawning Beds	5/7/1963
9245	Cross-Section Spawning Beds	6/23/1964
9395	Fish Hatchery Site	12/16/1964
2127	Location and Plot Plans	8/1/1965
21278	Hatchery Water Supply Line & Rearing Pond Accessories	8/1/1965
22180	Fish Food Dispenser Support	6/16/1966
32680	Waste Discharge Facility - General Details	3/29/1977
32688	Waste Discharge Facility - Settling Pond Details	10/5/1976
32689	Waste Discharge Facility - General Plan	10/21/1976
32696-1	Waste Discharge Facility - 6" Waste Effluent from Rearing Ponds	4/7/1977
32696-2	Waste Discharge Facility - 6" Waste Effluent from Rearing Ponds	4/6/1977
33851	Iron Gate Fish Hatchery - Solid Waste Disposal Site - General Location	3/15/1978
33852	Iron Gate Fish Hatchery - Solid Waste Disposal Site - Auger Holes	3/15/1978
34109	Headworks Basin - Channel G - Gate Series	6/27/1980
39882	Iron Gate Hatchery - Stainless Steel Slide Gate	6/27/1980
39833	Iron Gate Hatchery - Assembly : Floor Mtd. Stem Guide	1/20/1987
39834	Iron Gate Hatchery - Assy Type S-2600 Hoist	10/26/1988
39835	Iron Gate Hatchery - Inst. & Assy: 12" x 12" S.S. Slide	6/27/1989
39836	Plan of Improvements and Precast Panel Details	5/1/1989
39837	Inlet Diffuser and Channel Supply Gate Details	5/1/1989
PD-45734-1	Iron Gate Fish Hatchery - Modifications - Phase 1 - Cover Sheet	7/22/1994
PD-45734-2	Iron Gate Fish Hatchery - Modifications - Phase 1 - Site Plan	7/22/1994
PD-45734-3	Iron Gate Fish Hatchery - Modifications - Phase 1 - Covered Storage Building Plan, Sections and Details	7/22/1994
PD-45734-4	Iron Gate Fish Hatchery - Modifications - Phase 1 - Ventilation Details	7/22/1994
PD-46625-8	Iron Gate Hydro Plant - Diversion Structure - Control PNL CP-3	6/30/1995
PD-46626-1	Iron Gate Hydro Plant - Penstock & Hatchery Flow Lines	6/30/1995
PD-46626-4	Iron Gate Hydro Plant - Dam & Turbine Generator Area Site Plan	6/30/1995
PD-46626-5	Iron Gate Hydro Plant - Fish Hatchery Site Plan	6/30/1995
73311	Iron Gate Fish Hatchery - Waste Discharge Facility - Collection Header Details	6/23/1976
RFH-102-C1	Iron Gate Fish Hatchery - Site Plan	5/13/1992
RFH-102-C2	Iron Gate Fish Hatchery - Misc. Details	5/13/1992
RFH-102-C3	Iron Gate Fish Hatchery - Pipe Layout, X-Sections, & Profile	5/13/1992
RFH-102-C4	Iron Gate Fish Hatchery - Dis. Pipe Layout, X-Sections, & Profiles	5/13/1992
RFH-102-C5	Iron Gate Fish Hatchery - Dis. Pipe Layout, X-Sections, & Profiles	5/13/1992
RFH-102-T1	Iron Gate Fish Hatchery - Settling Ponds	n/d
6043	Dam Safety Investigations - IGD - Location Drawing	n/d
26983	Topographic Map - IG Project	8/25/1964
n/a	Profile and Sections of Tunnel and Lining	n/d
104818.002	Iron Gate Hydro Project - Dam Crest Raise - Site Plan	10/22/2002
104818.003	Iron Gate Hydro Project - Dam Crest Raise - Typical Dam Section and Abutment Tie-ins	10/26/2002
104818.004	Iron Gate Hydro Project - Dam Crest Raise - Vehicle and Pedestrian Access Sections and Elevations	10/20/2002
104818.005	Iron Gate Hydro Project - Dam Crest Raise - Typical Tiedown Anchor Detail	11/20/2002
104818.006	Iron Gate Hydro Project - Spillway Modification - Site Plan	11/14/2002
104818.007	Iron Gate Hydro Project - Spillway Modification - Left Side Spillway Elevation View	11/14/2002
104818.008	Iron Gate Hydro Project - Spillway Modification - Right Side Spillway Elevation View	11/14/2002
104818.009	Iron Gate Hydro Project - Dam Crest Raise - Spillway Lining - Typical Lining Sections	11/15/2002



TABLE K4.1

**KIEWIT INFRASTRUCTURE WEST CO.
KLAMATH RIVER RENEWAL PROJECT**

**100% DESIGN REPORT
HISTORIC DRAWING REGISTER - IRON GATE**

Dwg No.	Dwg Title	Date
IG-weir.dwg	Flow Measurement Weir - Bypass Tunnel Outlet	3/2/2012
IG-gauge.dwg	Weir Staff Gauge - Bypass Tunnel Outlet	3/2/2012
20331	Iron Gate Fish Water Aerator - Location & Piping	8/1/1965
21276	Iron Gate Fish Hatchery Aerator - Plans, Sections, and Details	8/1/1965
21277	Iron Gate Fish Hatchery Aerator Piping and Details	8/1/1965
PD-48849-1	Iron Gate Fish Hatchery - Aeration Tower Access	11/7/1996
PD-48849-2	Iron Gate Fish Hatchery - Aeration Tower Access	11/7/1996
PD-48849-3	Iron Gate Fish Hatchery - Aeration Tower Access	11/7/1996
87115-B	Misc. Structures for Sanitary & Fish Facilities	3/7/1961
87150-J	Fish Facilities - General Arrangement	8/23/1960
87151-C	Fish Facilities Holding Tank Arrangement	9/30/1960
87152-B	Fish Facilities - Misc. Embedded Structural Steel	1/15/1961
87154-A	Fish Facilities - Fish Ladder - Plan, Sections, & Details	1/30/1961
87155-A	Fish Facilities - Diffusion Pools @ Powerhouse - Plan, Sections & Details	2/15/1961
87156-A	Fish Facilities - Diffusion Pools @ Powerhouse - Sections & Details	2/28/1961
87162	Fish Facilities - Misc. Embedded Structural Steel	3/10/1961
87163-A	Fish Facilities - Ponds, Flumes, & Gate Basins - Plans & Sections	4/26/1961
87164	Fish Facilities - Ponds, Flumes - Sections & Misc. Details	4/26/1961

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NOTES:

1. n/d - DATE NOT LISTED OR ILLEGIBLE
2. n/a - NO DRAWING NUMBER OR IDENTIFIER

0	27MAY22	ISSUED WITH REPORT VA103-640\1-9	BC	NB
REV	DATE	DESCRIPTION	PREP'D	RW'D

ATTACHMENT A

100% FINAL Design Report Appendix K4.2May28(Part1)

REDACTED: 100% FINAL Design Report Appendix K4.2May28(Part1) consists in its entirety of information about the location, character, or ownership of historic resources that, if disclosed, may cause a significant invasion of privacy; cause a risk of harm to the historic resource; or impede the use of a traditional religious site by practitioners. The file is marked confidential in accordance with 18 C.F.R. § 388.112, 18 C.F.R. § 388.107 and 36 C.F.R. § 800.11(c).

ATTACHMENT A

100% FINAL Design Report Appendix K4.2May28(Part2)

REDACTED: 100% FINAL Design Report Appendix K4.2May28(Part2) consists in its entirety of information about the location, character, or ownership of historic resources that, if disclosed, may cause a significant invasion of privacy; cause a risk of harm to the historic resource; or impede the use of a traditional religious site by practitioners. The file is marked confidential in accordance with 18 C.F.R. § 388.112, 18 C.F.R. § 388.107 and 36 C.F.R. § 800.11(c).