

Thompson Falls Hydroelectric Project FERC Project No. 1869
Final License Application
Volume I of IV (Public)
Exhibit G: Project Boundary



Prepared by:

NorthWestern Energy

Butte, MT 59701

With Support From: **GEI Consultants, Inc.** Portland, OR 97239

American Public Land Exchange

Missoula, MT 59802

DJ & A

Missoula, MT 59808

May 2024

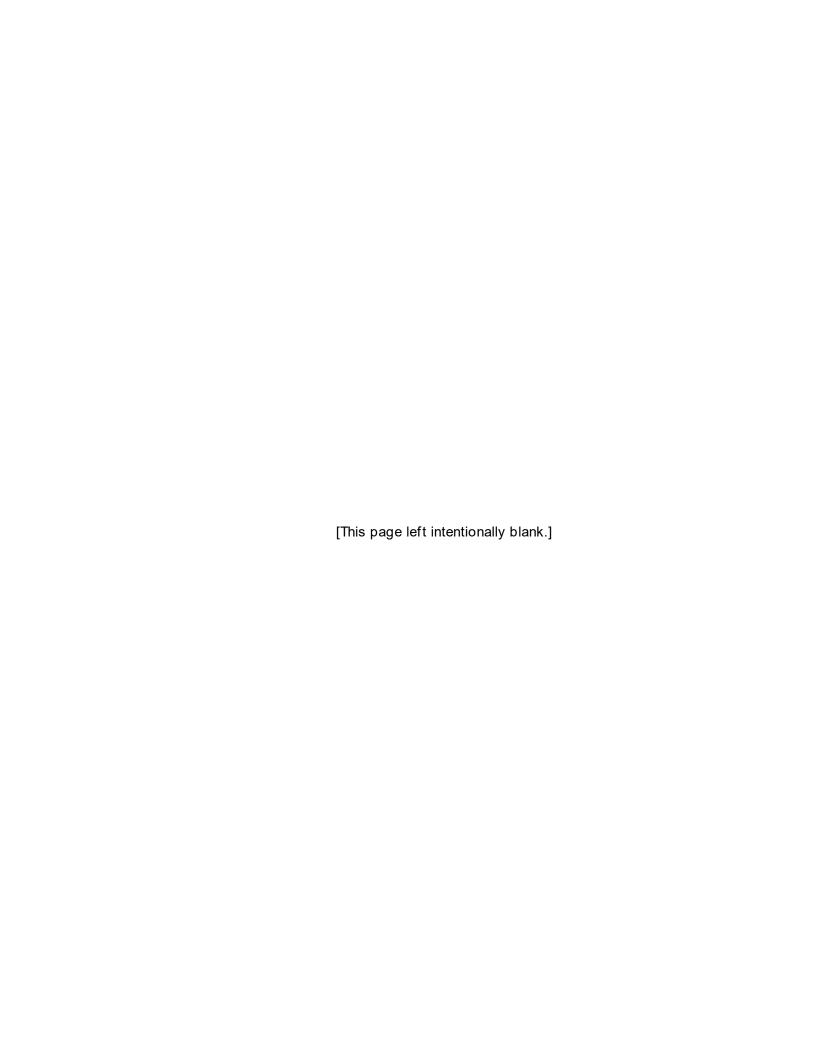


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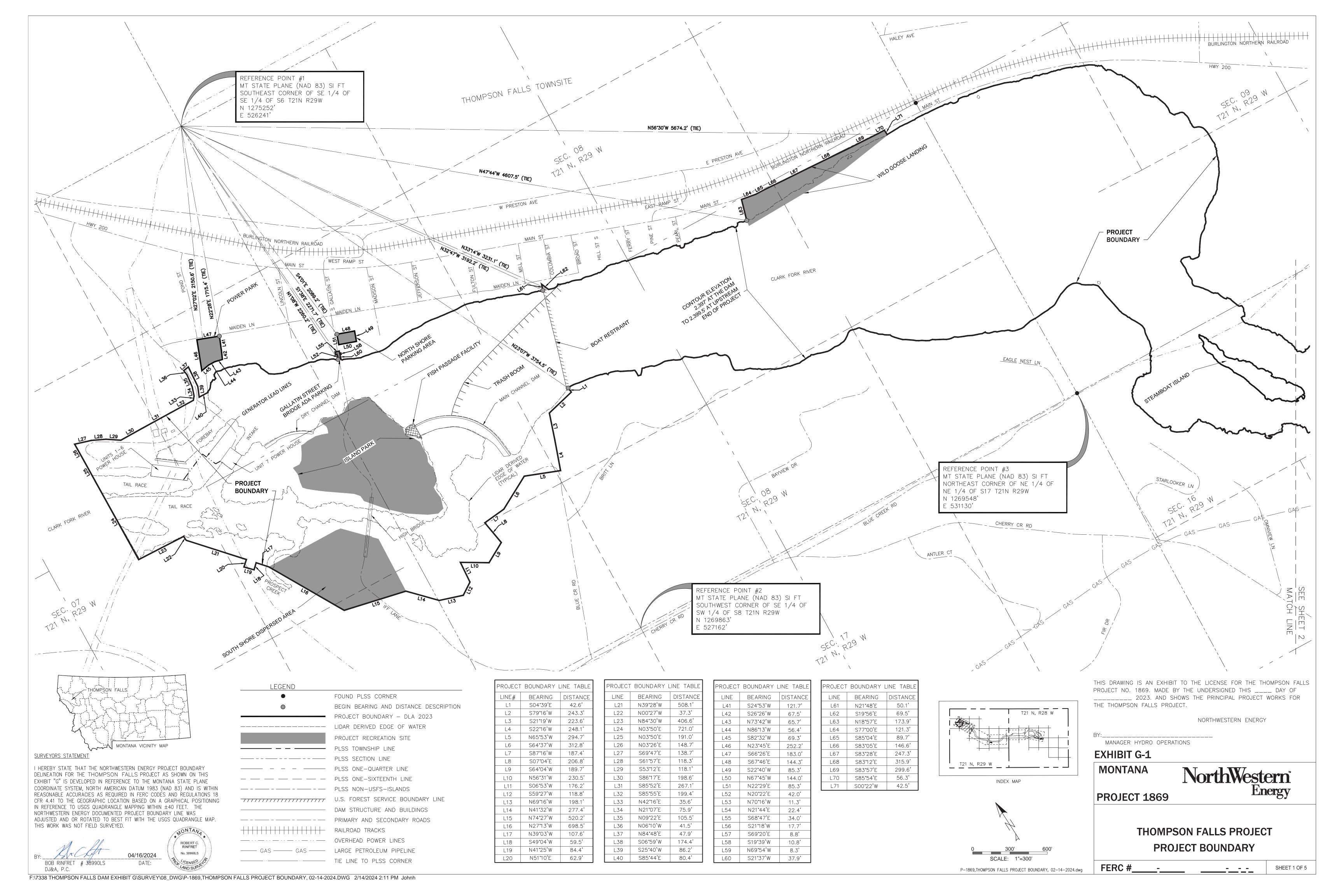
1. Project Boundary Maps

Exhibits G-1 through G-5 denote the proposed Thompson Falls Hydroelectric Project (Project) boundary. The Project boundary maps show the Project vicinity, location, and boundary in sufficient detail to provide a full understanding of the Project. The Exhibit G maps were prepared in accordance with the requirements of 18 C.F.R. § 4.41(h).

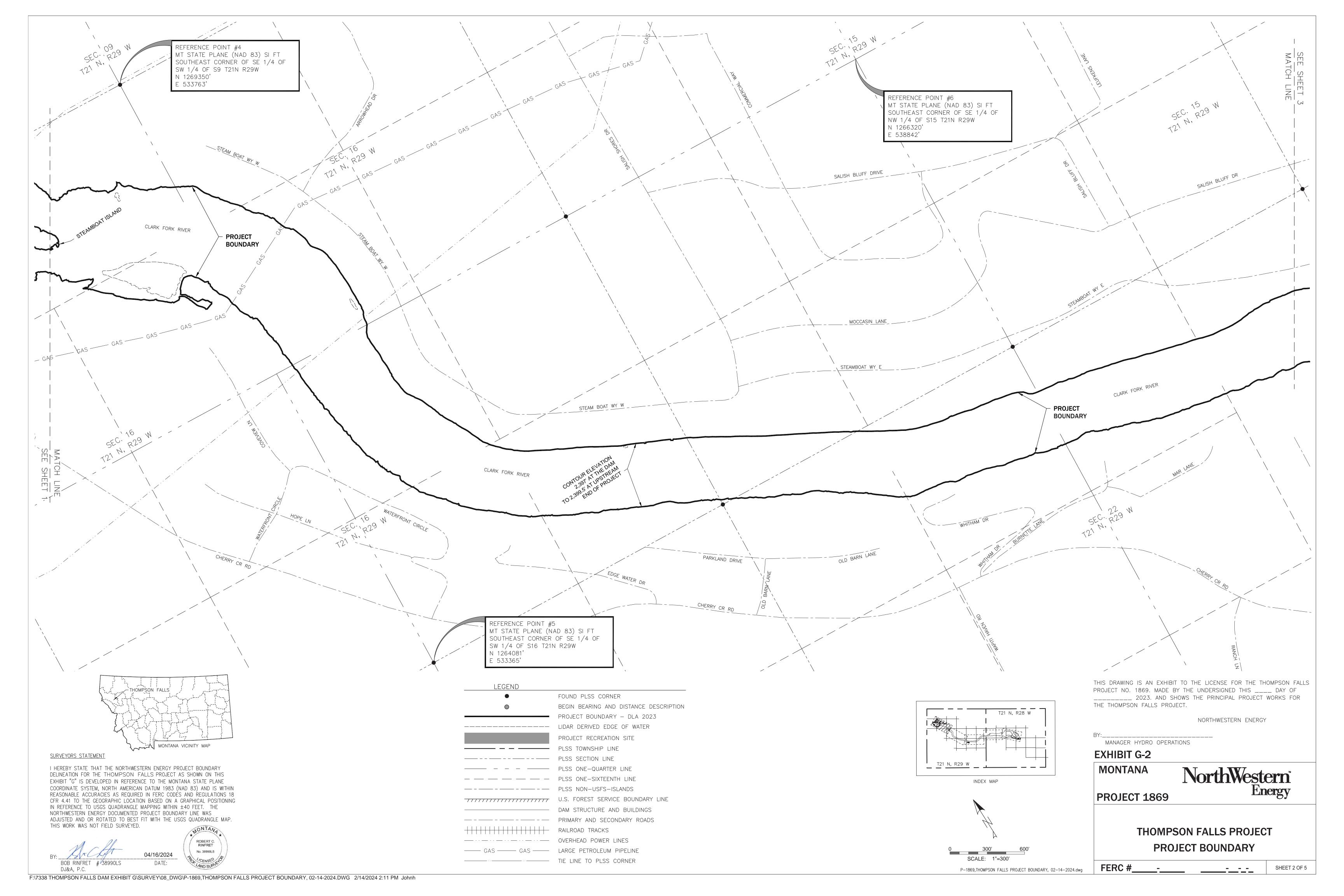
The current Project boundary does not accurately encompass the lands and waters that are needed for Project purposes. Thus, the Project boundary maps contain several refinements proposed to the Project boundary. The proposed Project boundary extends approximately 0.3 mile downstream and 10 miles upstream of the Project's dams. The proposed Project boundary encompasses a total of 1,526 acres, consisting of 1,094 acres of reservoir and 432 acres of non- reservoir. The Thompson River, a major tributary to the Clark Fork River, enters the reservoir about 6.2 miles upstream of the dam. Its lower 0.2 miles is included within the proposed Project boundary. The proposed Project boundary is a combination of a contour elevation of 2,397 feet elevation at the dam (elevation of contour increase proceeding upstream) for most of the reservoir, and a metes and bounds description that incorporates areas above the contour elevation to encompass Project facilities, recreation sites, and most elements of the Thompson Falls Hydroelectric Dam Historic District. Exhibit E- Section 2.2.3 – Proposed Project Boundary includes a detailed description of the proposed modifications to the Project boundary.

This Project boundary was developed in reference to the Montana State Plane Coordinate system, North American Datum 1983 (NAD 83) meters, and is within reasonable accuracies as required by 18 CFR 4.41 to the geographic location based on a graphical positioning in reference to United State Geological Survey quadrangle mapping within ± 40 feet. The associated electronic file (e.g., ESRI shapefile) is provided with this filing.

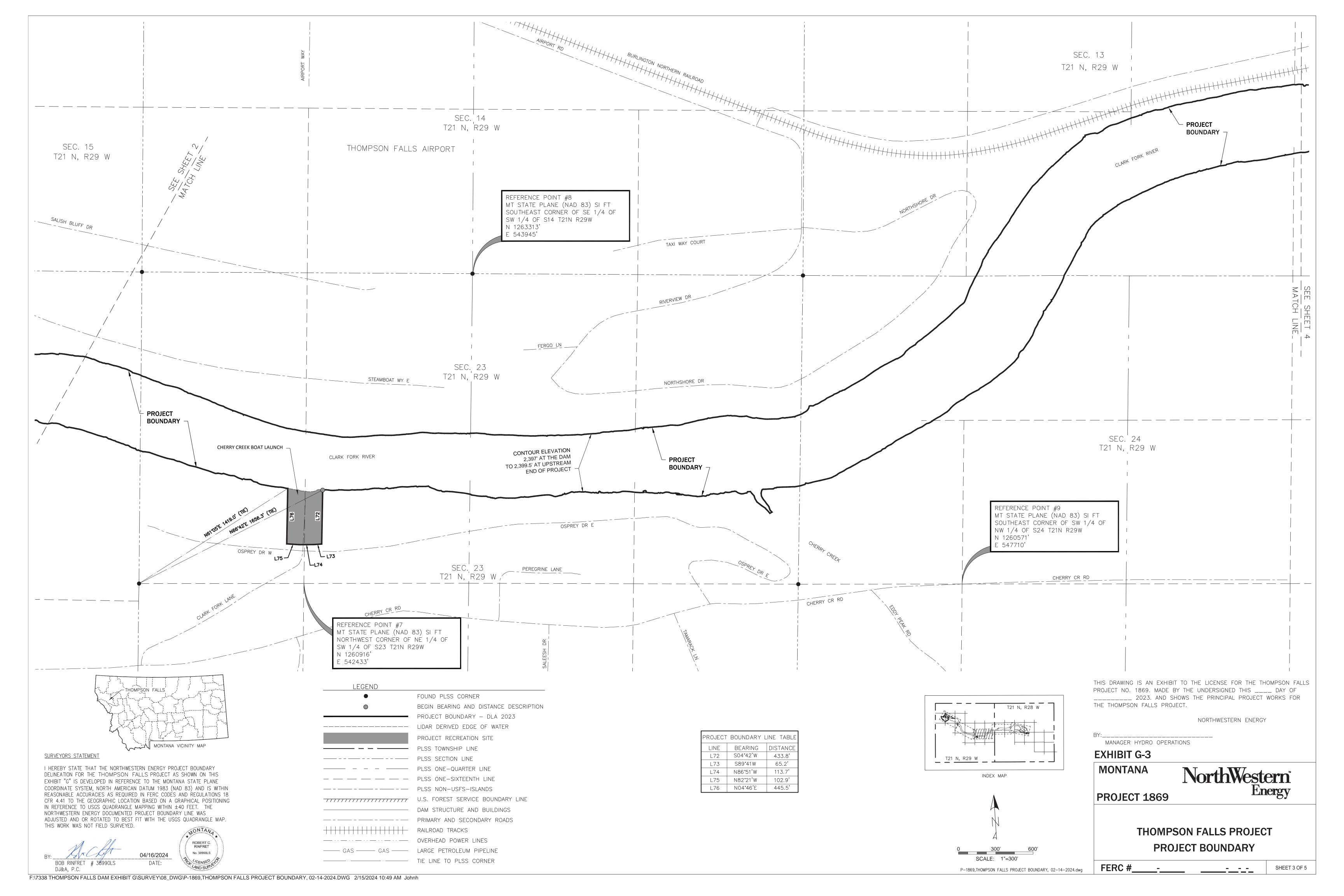




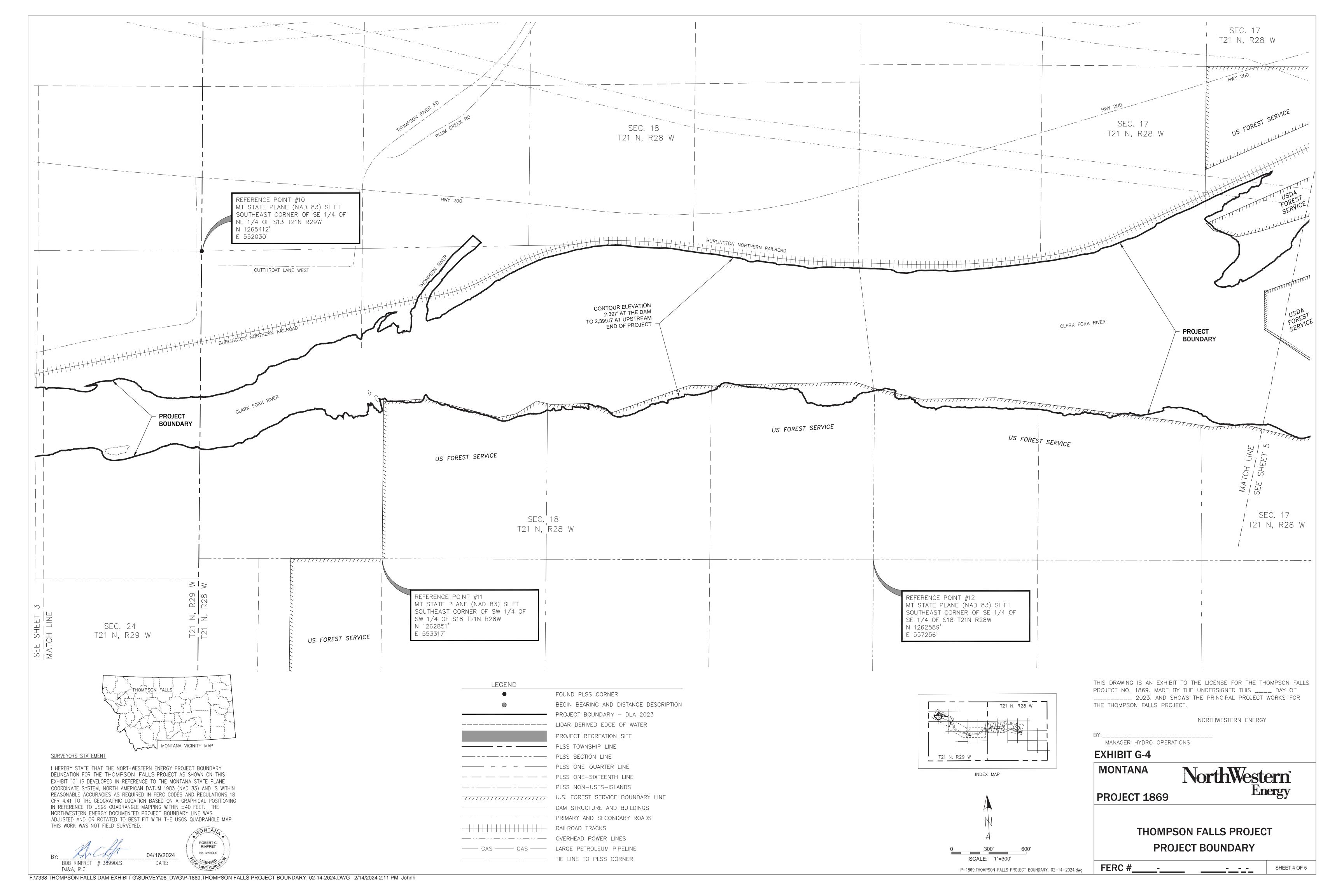




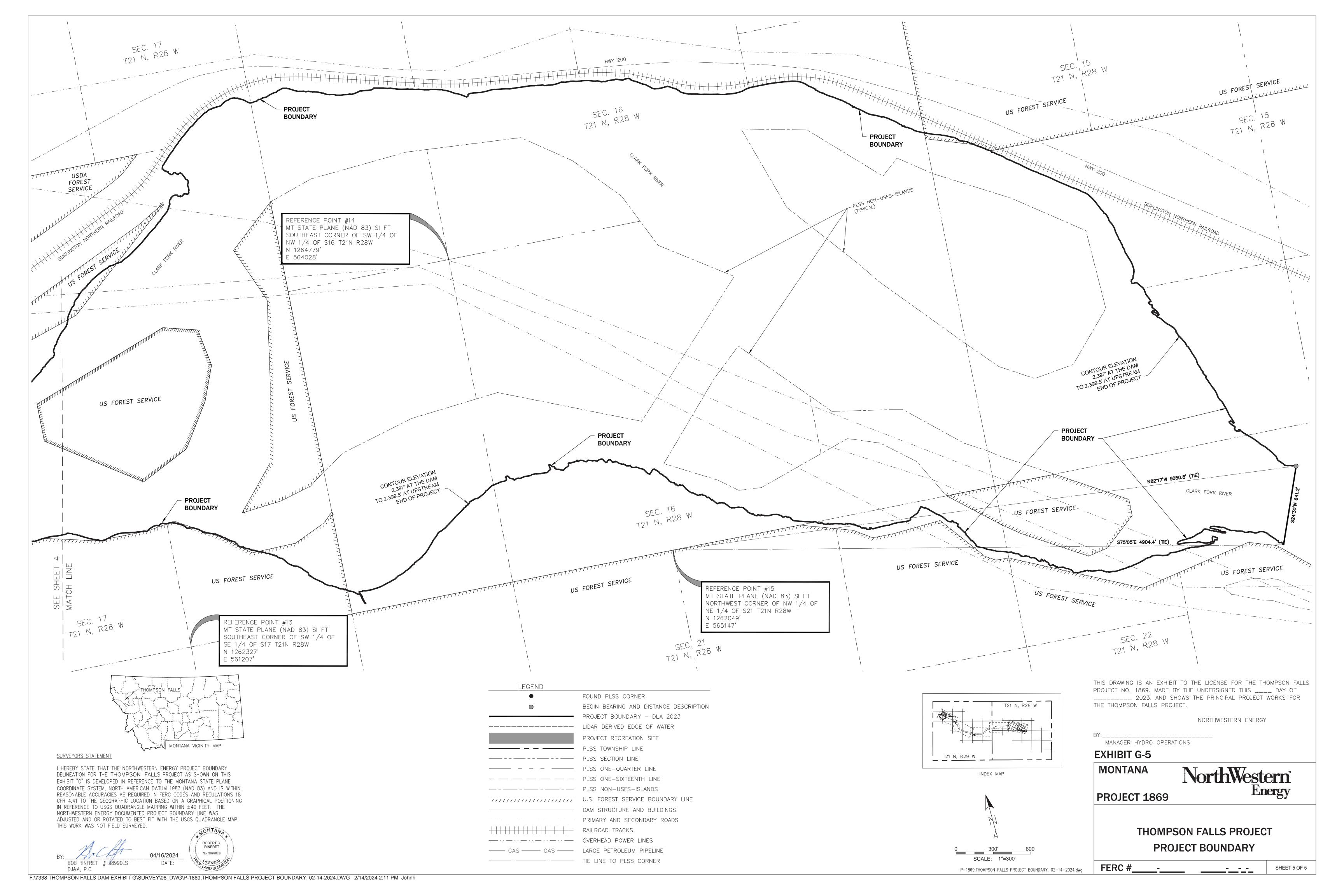












2. Federal Lands

The proposed Project boundary includes 66.9 acres of Federal land managed by the USFS (National Forest System Lands), which are largely open space forest lands (**Table 2-1**).

Table 2-1: Thompson Falls Project – Federal Lands Within Proposed Project Boundary.

Township	Range	Section	Subdivision	Acres	Agency
21N	28W	15	Government Lot 1	0.3	USFS
21N	28W	17	Government Lots 5-11	49.6	USFS
21N	28W	18	Government Lots 8-10	4.3	USFS
21N	28W	21	Government Lot 1	1.45	USFS
21N	28W	22	Government Lots 3-4	11.25	USFS
Total				66.9	

FERC Form 587 is attached (Figure 2-1).

Figure 2-1. FERC Form 587

Form FERC-587 OMB No. 1902-0145 (Expires 07/30/2012)

LAND DESCRIPTION

Public Land States (Rectangular Survey System Lands)

1. STATE	ntana		2. FERC PROJECT NO.		P-1869		
3. TOWNSHIP _	21 N	RANGE_	28 W	28 W MERIDIAN		Montana Principa Meridian	
4. Checl				Check one:			
X Pro	ense eliminary Permit			X Pending Issued			
If preliminary per	mit is issued, giv	e expiration date	:		_		
	5. E	XHIBIT SHEET I	NUMBERS OR	LETTERS			
Section 6	5	4	3	2	1		
7	8	9	10	11	12		
		9253	910040	110000	1,550		
18	17	16	15	14	13		
G-4	G-4 G-5		G-5				
19	20	21	22	23	24		
	G-5	G-5	G-5				
	28 93	Natio 3000	25-80 KES				
30	29	28	27	26	25		
31	32	33	34	35	36		
6. contact's nar	me Mary Ga	il Sullivar	n, NorthWe	stern Energ	У		
telephone no	. (406-497-	3382					
Date submitt	ed December	29, 2023					
This information is	necessary for the F			n to discharge its res	ponsibilities und	der	
Section 24 of the Fe	deral Power Act.						