

Outdoor Heritage Fund Grant Application

PROJECT NAME:

Tree Planting & Accessibility Improvements at Sheep Creek Dam and Raleigh Dam

Name of Organization: Grant County Water Resource District

Type of organization: Political Subdivision

Federal Tax ID#: 45-0360039

Contact Person/Title: Julie Levorsen, Secretary/Treasurer or Jerald Christensen, Chairman

Address: 211 N Main St, PO Box 161, Elgin, ND 58533

E-mail Address: jltax@westriv.com

Phone: 701-584-2354

Major Directive:

Directive D. Conserve natural areas for recreation through the establishment and development of parks and other recreation areas.

Additional Directives:

Directive A. Provide access to private and public lands for sportsmen, including projects that create fish and wildlife habitat and provide access for sportsmen;

Directive C. Develop, enhance, conserve, and restore wildlife and fish habitat on private and public lands;

Abstract/Executive Summary:

The goal of this project is for the Grant County Water Resource District to provide access to fishing, camping and other outdoor opportunities at the recreational dams in Grant County for all ages and abilities. The proposed addition of two handicap accessible campsites at Sheep Creek Dam and one handicap accessible campsite at Raleigh Dam would help address a serious limitation to that goal. Currently there are no accessible campsites or picnic shelters at Sheep Creek or Raleigh Dam Recreation Areas for those with limited physical abilities.

The ND Outdoor Heritage Fund awarded the Grant Co. Water Resource District a grant in 2015 for the construction and installation of an accessible fishing pier at Sheep Creek Dam which has now been completed. The addition of accessible campsites would complement the recreational enjoyment of the accessible fishing pier and start to address the lack of accessibility at these two recreational areas.

The region around Sheep Creek Dam and Raleigh Dam including the towns of St. Gertrudes, Raleigh, Elgin, Carson and New Leipzig, has a high population of senior citizens and others with physical limitations. According to federal statistics, half the population of Grant County is over 55 years of age.

The proposed handicap accessible campsites would be located next to existing picnic shelters allowing accessibility for individuals, families and residents of assisted living centers & nursing homes for picnics, wildlife viewing, camping, fishing and other outdoor activities.

One accessible campsite at Sheep Creek Dam and one at Raleigh Dam would have accessible electrical and water service. The second accessible campsite at Sheep Creek Dam would be classified as a 'primitive' without additional services. All three accessible campsites would connect to existing picnic shelters and will have accessible charcoal grills, accessible fire rings and accessible picnic tables. In addition, we'd like to add an accessible charcoal grill and handrail to the accessible fishing pier picnic area completed with OHF assistance in 2015.

Due to increased camping, fishing and hunting at these two manmade lakes, we'd also like to add seven additional primitive campsites to Sheep Creek Dam and two additional primitive campsites & one additional electric campsite to Raleigh Dam. Many existing campsites lack picnic tables and fire rings. We hope to address this limitation.

In addition, this project would include planting of 30 1 ¼ inch 'Siouxland' cottonwood trees in the camping and picnic areas and 550 seedling trees from the Grant Co. Soil Conservation District along the edges of the recreation areas and shorelines of the two dams. These tree plantings would provide wind protection and shade for the recreational users as well as bank stabilization and erosion control which would help to maintain and restore the water quality and wildlife habitat at Sheep Creek and Raleigh Dams.

Project Duration:	April through November, 2016
Amount of Grant request;	\$44,631.00
Total Project Costs:	\$62,508.00
Amount of Matching Funds	\$17,877.00

Source(s) of Matching Funds:

Grant County Water Resource District will provide \$7,272 from their operating funds budget and \$1,200 of in-kind labor for this project. They will also pay for any additional costs not covered in this grant application.

The Elgin Lions Club will donate \$4000 towards the accessibility and improvement projects at Sheep Creek Dam Recreation Area. Elgin Lions Club will also provide \$5405 in kind labor and equipment use for the dirt work, finish grading, park equipment assembly & installation and other things needed to complete these projects at both the Sheep Creek and Raleigh Dam Recreation Areas. The Elgin Lions Club will also help plant, mulch and water the cottonwood trees and soil conservation trees, install tree guards, tree fencing and install the beaver barriers.

Narrative:

Organization Information:

The Grant County Water Resource District is the water managing entity of Grant County. The mission of the water board is to support and help achieve wise and effective water resource management and development in Grant County.

In addition to water management & development, the Grant County Water board also manages two dams in the county, Sheep Creek & Raleigh Dams. Funding for operations comes from the taxpayers in form of a mill levy. The Sheep Creek and Raleigh Dams offer land and water resources for a variety of hunting, fishing, camping, picnicking, kayaking, canoeing, hiking, birdwatching and other outdoor recreational activities. These recreation areas are open to the general public without regard to race, religion, creed or ethnicity.

The Grant Co. Water Resource District contracts with caretakers for Sheep Creek and Raleigh Dams from the months of April through November of each year. These two caretakers provide for the mowing, tree care and facilities cleaning and maintenance throughout the season. The caretakers would oversee the construction and installation of the handicap accessible campsites, additional campsites and tree plantings as well as coordinate the volunteers needed for these projects. Oversight would be provided by the Grant Co. Water Resource District board of directors.

The Elgin Lions Club with about 60 members has been an active supporter of Sheep Creek Dam for many years. The Elgin Lions Club has actively helped the local community with numerous public service projects including tree planting, city cleanup, sponsoring other youth activities and much more. In addition to pledging \$4000 towards these projects, the members and their families will also volunteer their time to help with the tree planting and accessibility construction projects.

The Prairie Learning Center located at St. Gertrudes will also provide volunteer assistance through their disadvantaged and at risk youth programs.

Purpose of Grant

Major Directive:

Directive D. Conserve natural areas for recreation through the establishment and development of parks and other recreation areas.

Additional Directives:

Directive A. Provide access to private and public lands for sportsmen, including projects that create fish and wildlife habitat and provide access for sportsmen;

Directive C. Develop, enhance, conserve, and restore wildlife and fish habitat on private and public lands;

The goal of the Grant County Water Resource District in relation to its management of the Sheep Creek & Raleigh Dam Recreation Areas is to continue to provide outdoor opportunities to the surrounding region. Usage of these recreation areas has been excellent, with sportsmen & women finding bluegill, bass, walleye, rainbow trout & crappie for their fishing pleasure. The camping facilities are used from April into November. These recreational users include guests from surrounding states. The population of Grant County is around 2400 with a median age of 55. With an aging population, the use of handicap accessible recreational facilities is even more desirable for those who enjoy the outdoors.

There is some degree of urgency for the development of handicap accessible facilities at the Sheep Creek & Raleigh Dam Recreational Areas. The water board members and the caretakers have received numerous requests from people with physical limitations for improvements to the recreational areas. Sheep Creek & Raleigh Dams do not have any handicap accessible facilities as required by federal ADA standards except for the accessible fishing pier at Sheep Creek Dam that was installed in 2015 thanks to major funding by the ND Outdoor Heritage Fund.

Both recreation areas have very limited tree populations. Therefore, the recreation areas have very little shade and are subject to the strong North Dakota winds. Tree plantings for shade, wind protection, beauty and wildlife enhancement are urgently needed to improve the recreational features of these areas.

Management of Project:

The Grant Co. Water Resource District has been in operation for over 50 years. The water board, consisting of 3 members, is appointed by the county commissioners. The water board would oversee this project with daily supervision by the caretakers during the construction phase.

The caretaker for Sheep Creek Dam has over 30 years of experience in the recreation industry in North Dakota including 3 years as Recreation Manager for Lake Tschida. He would be on site to direct the volunteers and manage the overall construction of these projects both at Sheep Creek and at Raleigh Dams with the assistance of the Raleigh Dam caretaker.

If all goes well, the entire project will be completed before the start of winter, 2016.

Evaluation:

The caretakers at both recreation areas provide oral or written reports to the Grant Co. Water Resource Board during their monthly meetings. The caretakers would include a monthly progress report for these tree planting and accessibility projects. User counts would also be provided in these monthly reports.

Julie Levorsen of Levorsen Accounting and Tax is the Secretary/Treasurer for the Grant Co. Water Resource District. She provides a monthly financial report to the board during their monthly meetings. Levorsen Accounting would provide all the accounting and documentation of costs for these projects

and will provide the final evaluation and financial report to the water board and the Heritage Fund Committee when these projects are completed.

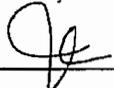
ATTACHMENT: Project Budget:

Attached is the proposed project budget for the tree planting and accessibility projects using project estimates and price quotes provided by local contractors.

ADDITIONAL ATTACHMENT: Three accessible campsite and picnic shelter drawings.

I certify that a final project budget and financial report will be sent to the Commission upon completion of this project.

Julie Levorsen, Secretary/Treasurer, Grant Co. Water Resource District

Initials: 

Sustainability:

The Grant Co. Water Resource District will maintain the tree plantings, the accessibility projects and supporting facilities as part of their overall management of Sheep Creek & Raleigh Dam Recreational Areas. The financial costs for the overall management of these recreational areas are paid by the taxpayers of Grant County through a yearly mill levy.

Partial Funding:

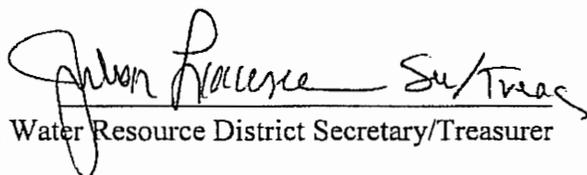
If the Grant Co. Water Recourse District receives partial funding from the Outdoor Heritage Fund for these tree planting and accessibility improvement projects, then they will downsize this proposal and attempt to complete it over the course of two or more years.

Partnership Recognition:

A sign recognizing the Outdoor Heritage Fund, the Grant Co. Water Resource District, the Elgin Lions Club and other supporting agencies for their contributions toward the development of these recreational areas would either be placed inside the main bulletin boards located near these project locations or a new sign would be installed at the entrance of each of these two recreation areas. It is hoped that these new entrance signs will be installed in 2016 or 2017.

Awarding of Grants:

The Grant Co. Water Resource District will be able to meet all the provisions of the sample contract that has been provided.

Signed:  Su/Treas
Grant Co. Water Resource District Secretary/Treasurer

Date: 9/30/15

GRANT CO. WATER RESOURCE DISTRICT
Tree Planting & Accessibility Improvements
2016 Proposed budget

Project Expense	OHF Request	Applicant's Match Share (Cash)	Applicant's Match Share (In-Kind)	Applicant's Match Share (Indirect)	Other Project Sponsor's Share (Cash)	Other Project Sponsor's Share (In-Kind)	Total Each Project Expense
SHEEP CREEK DAM							
I. Accessible Campsites & picnic shelters 1 with electrical service, 1 primitive (without electrical)	\$16,839.00	\$373.00			\$2,000.00	\$660.00	\$19,872.00
Upgrade substandard electrical service for 4 campsites							
II. West Campground, Sheep Creek Dam	\$4,233.75	\$366.25			\$1,000.00	\$45.00	\$5,645.00
III. Improvements to Accessible Fishing Pier	\$2,036.25	\$118.75			\$500.00	\$60.00	\$2,715.00
IV. Expand and upgrade primitive campsites	\$3,579.00	\$303.00			\$500.00	\$390.00	\$4,772.00
V. Tree Planting & Protection	\$2,670.00		\$900.00			\$2,570.00	\$6,140.00
VI. Cost overruns and Contingencies	\$0.00	\$2,000.00					\$2,000.00
	\$29,358.00	\$3,161.00	\$900.00	\$0.00	\$4,000.00	\$3,725.00	\$41,144.00

RALEIGH DAM							
VII. Accessible Campsite & picnic shelter with electrical service	\$8,382.50	\$1,482.50				\$390.00	\$10,255.00
Install electrical service for accessible campsite & picnic shelter and one additional campsite	\$3,633.75	\$1,166.25				\$45.00	\$4,845.00
VIII. Expand and upgrade primitive campsites	\$2,316.75	\$462.25				\$310.00	\$3,089.00
IX. Tree Planting & Protection	\$940.00		\$300.00			\$935.00	\$2,175.00
X. Cost overruns and Contingencies	\$0.00	\$1,000.00					\$1,000.00
XI.	\$15,273.00	\$4,111.00	\$300.00			\$1,680.00	\$21,364.00

Sheep Creek Dam Expenses	\$41,144.00
Raleigh Dam Expenses	\$21,364.00
Total Project Expenses	\$62,508.00
75%	\$46,881.00
25%	\$15,627.00

SUMMARY

OHF Request: Sheep Creek Dam	\$29,358.00	
OHF Request: Raleigh Dam	\$15,273.00	
Total OHF Project Request:	\$44,631.00	71.40%
Applicant's Match Share Cash	\$7,272.00	
Applicant's Match In-kind	\$1,200.00	
Other Project Sponsor's Share Cash	\$4,000.00	
Other Project Sponsor's In-Kind Share	\$5,405.00	
Total Applicant's Share:	\$17,877.00	28.60%
TOTAL PROJECT EXPENSES:	\$62,508.00	100%

BUDGET DETAILS AND PRICE QUOTES

SHEEP CREEK DAM RECREATION AREA

I.

Accessible Campsites & picnic shelters					
1 with electrical service, 1 primitive					
	quantity	price/unit		Contractor's Quote	
Contracted concrete work: 2 accessible campsites, 2 accessible firerings and 2 accessible charcoal grills	1	\$17,100.00		Jim's Service	\$17,100.00
Volunteer labor: site prep, dirt work, finish grading, seeding, 12 hr. equip. operation and 2 people x 3 hr. hand labor	18	\$15.00		Schadler Landscaping	\$270.00
Volunteer equip: bobcat use: total hours	12	\$20.00		Schadler Landscaping	\$240.00
Side Accessible Picnic Table-12' XT/G-12TP/SA	2	\$573.00		R.J. Thomas Mfg. Co.	\$1,146.00
Campfire Ring-no grill FX-30/7/TB	2	\$103.00		R.J. Thomas Mfg. Co.	\$206.00
Swivel Grate Campfire Ring FWS-26/18/AL	2	\$243.00		R.J. Thomas Mfg. Co.	\$486.00
Accessible Grill ASW-20 B2	2	\$137.00		R.J. Thomas Mfg. Co.	\$274.00
Volunteer labor: hauling, assembling & installing accessible equipment, 2 people x 5 hr. hand labor	10	\$15.00		Schadler Landscaping	\$150.00
				Total:	\$19,872.00

II.

Upgrade substandard electrical service for 4 campsites					
West Campground, Sheep Creek Dam					
	quantity	price/unit		Contractor's Quote	
Install 200A service, 2 50A/30A receptacles, service panel	1	\$5,600.00		Wutzke Electric	\$5,600.00
Volunteer Labor: finish grade and seed disturbed ground	3	\$15.00		Schadler Landscaping	\$45.00
				Total:	\$5,645.00

III.

Improvements to Accessible Fishing Pier					
	quantity	price/unit		Contractor's Quote	
8'x10' concrete pad for accessible grill	1	\$800.00		Jim's Service	\$800.00
Accessible Grill ASW-20 B2	1	\$140.00		R.J. Thomas Mfg. Co.	\$140.00
Accessible Handrail for sidewalk to fishing pier	1	\$1,715.00		Reliable Welding	\$1,715.00
Volunteer Labor: install grill, dirtwork and seeding	4	\$15.00		Schadler Landscaping	\$60.00
	Total:			Total:	\$2,715.00

IV.

Expand and upgrade primitive campsites					
	quantity	price/unit		Contractor's Quote	
Hvy. Duty Picnic Tables XT/G-8TP	6	\$387.00		R.J. Thomas Mfg. Co.	\$2,322.00
Adjustable Grate Campfire Ring FA-30/9/AL	10	\$206.00		R.J. Thomas Mfg. Co.	\$2,060.00
Volunteer labor: hauling, assembling & installing accessible equipment, 2 people x 10 hr. hand labor	20	\$15.00		Schadler Landscaping	\$300.00
Volunteer Equipment Hours: Pickup to haul material & install	6	\$15.00		Schadler Landscaping	\$90.00
				Total:	\$4,772.00

V.

Tree Planting & Protection					
	quantity	price/unit		Contractor's Quote	
1 1/4" diameter 'Siouxland' cottonwood trees	20	\$47.00		Prairie Rose Gardens	\$940.00
T steel posts	40	\$5.00		Milt's Lumber	\$200.00
tree ties & wire	40	\$2.00		Plant Perfect	\$80.00
tree guards (corrugated black drain tile)	20	\$3.00		Menard's	\$60.00
remesh wire fence tree barriers	20	\$12.00		Milt's Lumber	\$240.00
Volunteer labor: planting, staking, mulching, fencing, watering 1 1/4" 'Siouxland' Cottonwood trees, 1.5 hr./tree	30	\$15.00		Schadler Landscaping	\$450.00
Volunteer Equipment Hours: Bobcat & backhoe-dig holes for trees	5	\$20.00		Schadler Landscaping	\$100.00
Volunteer Equipment: Pickup for tree planting, mulching, watering	20	\$15.00		Schadler Landscaping	\$300.00
Beaver damage prevention barriers-330' hog fence rolls	2	\$210.00		Milt's Lumber	\$420.00
T steel posts for beaver prevention barriers	50	\$5.00		Milt's Lumber	\$250.00
Volunteer labor: install 660' beaver barrier fencing, people/8 hour	2				
Volunteer Equipment: Pickup for installing beaver barrier fencing	8	\$15.00		Schadler Landscaping	\$120.00
Bundles (25 trees/bundle) soil conservation trees	16	\$30.00		Grant Co. Soil Con. Dist.	\$480.00
Volunteer labor: planting, mulching, watering 400 soil conservation trees, 4 trees/hour	100	\$15.00		Schadler Landscaping	\$1,500.00
Volunteer Equipment Hours: Bobcat-dig holes for trees with auger	8	\$20.00		Schadler Landscaping	\$160.00
Volunteer Equipment Hours: Pickup for tree planting, mulching, watering	40	\$15.00		Schadler Landscaping	\$600.00
				Total:	\$6,140.00

RALEIGH DAM RECREATION AREA

VII. Accessible Campsite & picnic shelter w/ electrical service	quantity	price/unit	Contractor's Quote	
Contracted concrete work: accessible campsite, accessible sidewalk and accessible firering and an accessible charcoal grill	1	\$9,000.00	Jim's Service	\$9,000.00
Volunteer labor: site prep, dirt work, finish grading, seeding, 6 hr. equip. operation and 2 people x 3 hr. hand labor	12	\$15.00	Schadler Landscaping	\$180.00
Volunteer equipment hours: bobcat use	6	\$20.00	Schadler Landscaping	\$120.00
Side Accessible Picnic Table-8' XT/G-8TP/SA	1	\$382.00	R.J. Thomas Mfg. Co.	\$382.00
Campfire Ring-no grill FX-30/7/TB	1	\$103.00	R.J. Thomas Mfg. Co.	\$103.00
Swivel Grate Campfire Ring FWS-26/18/AL	1	\$243.00	R.J. Thomas Mfg. Co.	\$243.00
Accessible Grill ASW-20 B2	1	\$137.00	R.J. Thomas Mfg. Co.	\$137.00
Volunteer labor: hauling, assembling & installing accessible park equipment, 2 people x 3 hr. hand labor	6	\$15.00	Schadler Landscaping	\$90.00
				\$10,255.00

VIII. Install electrical service for accessible campsite & picnic shelter and one additional campsite	quantity	price/unit	Contractor's Quote	
Install 200A service, 2 50A/30A receptacles, service panel	1	\$4,800.00	Wutzke Electric	\$4,800.00
Volunteer Labor: finish grade and seed disturbed ground	3	\$15.00	Schadler Landscaping	\$45.00
			Total:	\$4,845.00

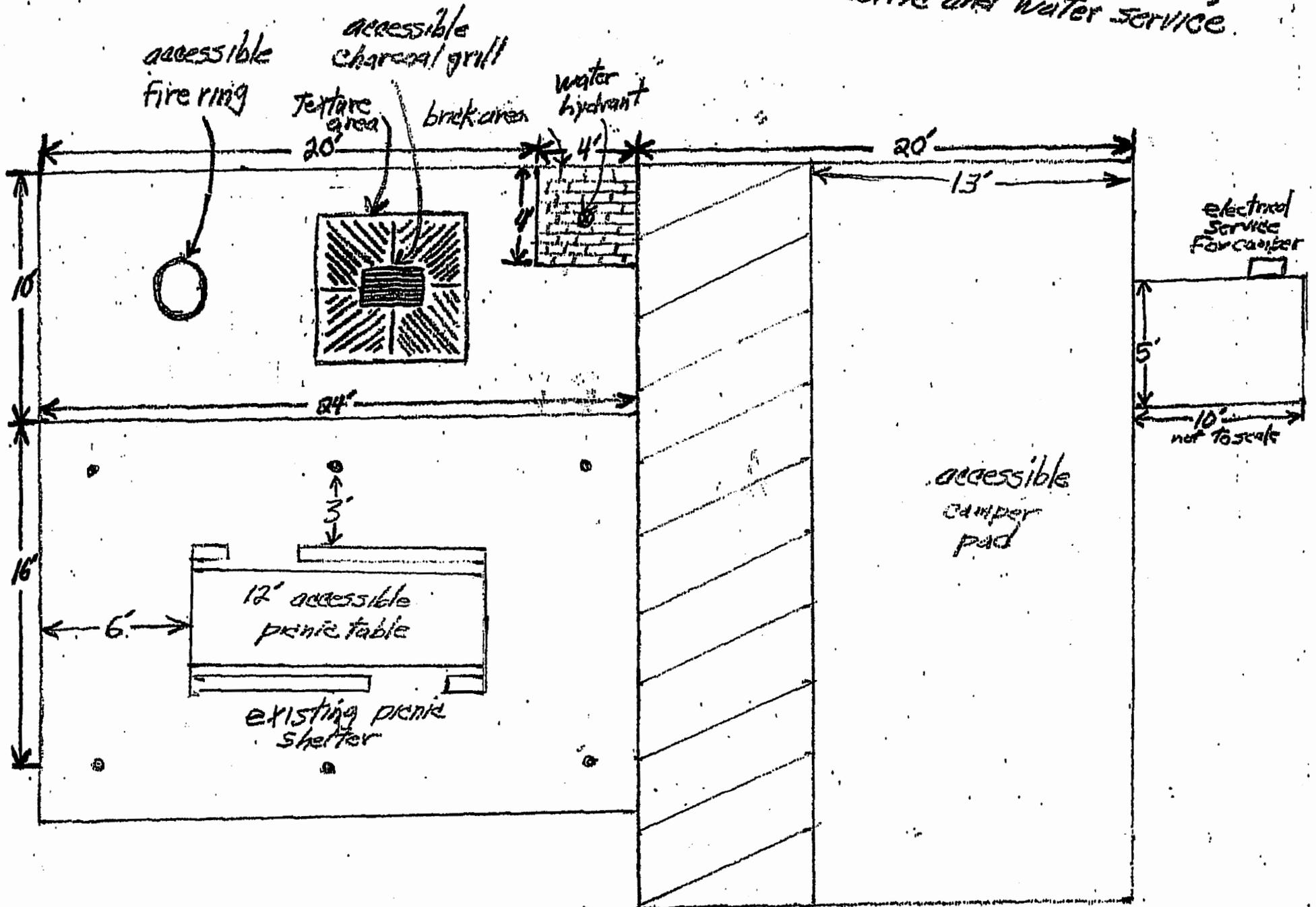
IX. Expand and upgrade primitive campsites	quantity	price/unit	Contractor's Quote	
Hvy. Duty Picnic Tables XT/G-8TP	5	\$387.00	R.J. Thomas Mfg. Co.	\$1,935.00
Adjustable Grate Campfire Ring FA-30/9/AL	4	\$206.00	R.J. Thomas Mfg. Co.	\$824.00
Volunteer labor: hauling, assembling & installing accessible equipment, 2 people x 8 hr. hand labor	16	\$15.00	Schadler Landscaping	\$240.00
Volunteer Equipment Hours: Pickup to haul material & install	6	\$15.00	Schadler Landscaping	\$90.00
			Total:	\$3,089.00

X. Tree Planting, staking and wildlife protection	Quantity	Price/each		
1 1/4" diameter 'Siouxland' cottonwood trees	10	\$47.00	Prairie Rose Gardens	\$470.00
"T" steel posts	20	\$5.00	Milt's Lumber	\$100.00
tree ties & wire	20	\$2.00	Plant Perfect	\$40.00
tree guards (corrugated black drain tile)	10	\$3.00	Menard's	\$30.00
remesh wire fence tree barriers	10	\$12.00	Milt's Lumber	\$120.00
Volunteer labor: planting, staking, mulching, fencing, watering 1 1/4" 'Siouxland Cottonwood trees, 1.5 hr./tree	10	\$15.00	Schadler Landscaping	\$150.00
Volunteer Equipment Hours: Bobcat & backhoe-dig holes for trees plus travel time	4	\$20.00	Schadler Landscaping	\$80.00
Volunteer Equipment Hours: Pickup for tree planting, mulching, watering	10	\$15.00	Schadler Landscaping	\$150.00
Bundles (25 trees/bundle) soil conservation trees	6	\$30.00	Grant Co. Soil Con. Dist.	\$180.00
Volunteer labor: planting, mulching, watering 150 soil conservation trees, 4 trees/hour	38	\$15.00	Schadler Landscaping	\$570.00
Volunteer Equipment Hours: Bobcat-dig holes for trees w/ auger	3	\$20.00	Schadler Landscaping	\$60.00
Volunteer Equipment Hours: Pickup for tree planting, mulching, watering	15	\$15.00	Schadler Landscaping	\$225.00
			Total:	\$2,175.00

Sheep Creek Dam - Accessible Camping Area

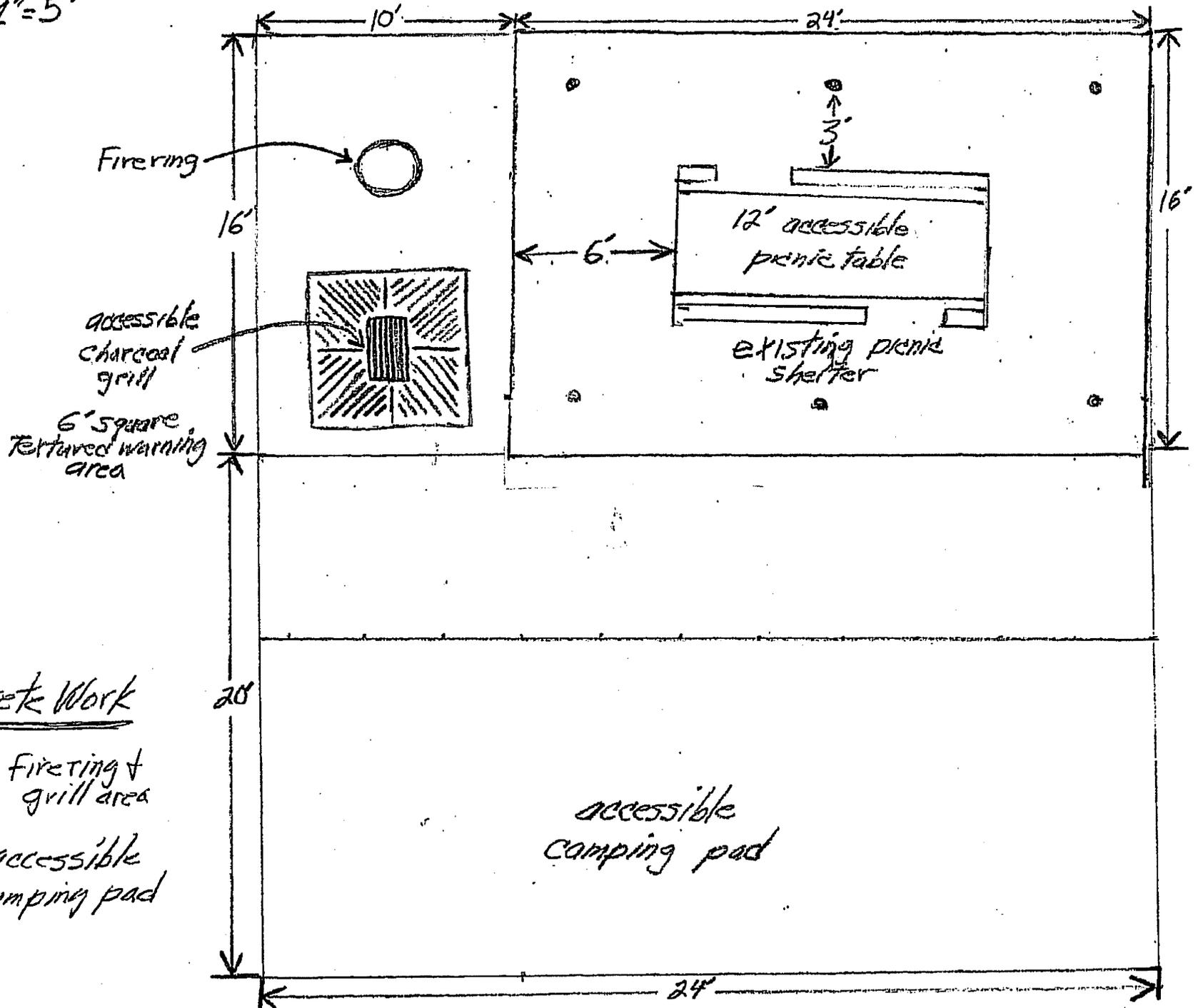
scale: 1" = 5'

Electric and water service



Sheep Creek Dam - No electric service

Scale: 1" = 5'
88



Fire ring

16'

10'

24'

16'

12' accessible picnic table

existing picnic shelter

6'

3'

accessible charcoal grill

6' square textured warning area

concrete work

10' x 16' fire ring & grill area

20 x 24' accessible camping pad

20'

accessible camping pad

24'

Raleigh Dam
 Accessible Camping
 and picnic Areas
 scale: 1" = 10'
 N
 ↑

