

Sandy Creek Irrigation Survey
Funding Report

Shareholders	Percentage of Land & Percentage of Water	Land (Acres)	Water (Ac-Ft)
C. Evans	11.11%	104	
V. Jones	16.67%	160	
E. McNee	16.67%	80	
C. Mock	11.11%	160	
D. Weston	11.11%	90	
R. Stewart	8.33%	70	
<u>W. Blomquist</u>	<u>16.67%</u>	<u>300</u>	
Totals	100.00	460	904 Ac

Acres based on source intake of 2,500 gallons/minute and 7 gallons/minute output per sprinkler head.

Materials:

a. <u>Pipe</u>	7,920 feet of 15inch plastic pipe (50 lb.)
	1,480 feet of 12inch plastic pipe (60 lb.)
	2,640 feet of 10inch plastic pipe (80 lb.)
	2,640 feet of 8inch plastic pipe (100 lb.)

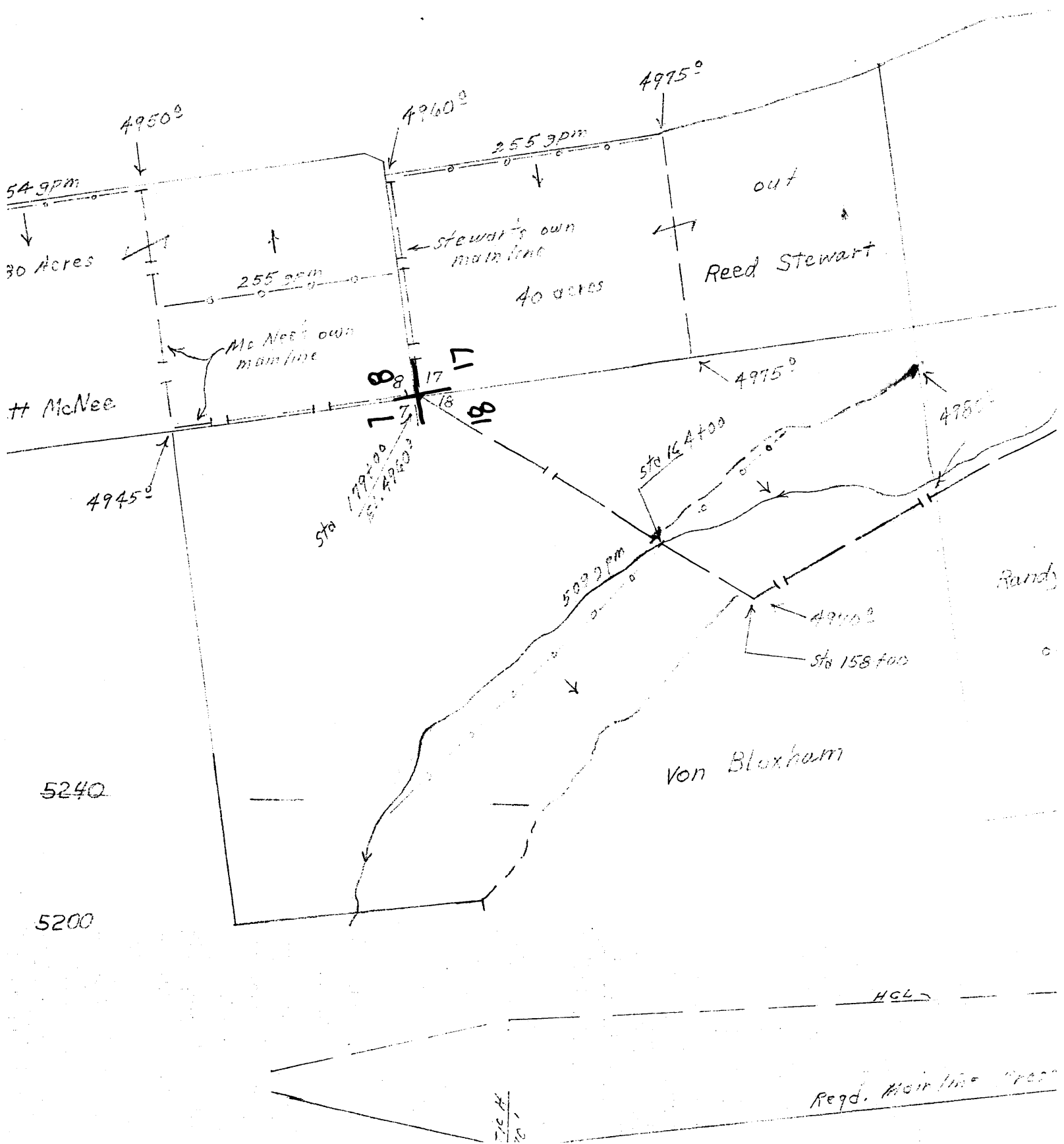
Total length of pipe 14,680 feet

- b. Flow Meters 7
- c. Settling Pond, cement intake and gravel duct.
- d. Joints, valves, and air release valves

<u>Costs:</u>	Pipe	\$57,000
	Flow Meters	7,000
	Valves, etc.	2,000
	Pond	2,000
	Installation	<u>13,000</u>
Total		\$80,000

Cost per Acre \$80,000 ÷ 460 acres = \$173 (figures based on land currently under irrigation)

R



Ralph

2. That the parties hereto are the successors in interest of the water rights and the lands to which said rights were appurtenant under the Decree, to wit:

	PARTY	PREDECESSOR	SHARE OF WATER	REAL PROPERTY
11	Carl R. Evans <i>STEPHANS</i>	Charles R. Evans	(U) 1/9 40	SW1/4NE1/4, Section 19, Township 12 South Range 37 E.B.M.
16.6	Geraldine McNee	Thomas Barnes	L 1/6	W1/2SW1/4, Section 8, Township 12 South, Range 37 E.B.M.
16.6	Randy Jones <i>LISH</i>	Joseph Bloxham	(U) 1/6	SE1/4, Section 18 Township 12 South, Range 37 E.B.M.
11	Dunford Weston <i>NIELSEN</i>	Charles R. Evans	(U) 1/9 40	SE1/4SE1/4, Section 20, Township 12 S., Range 37 E.B.M.
11	Jan B. Evans <i>PAULSON</i>	Charles R. Evans	(U) 1/9 160	Tract in NE1/4, Section 19 and Tract in Section 20, both in Township 12 South, Range 37 E.B.M.
16.6	Von G. Bloxham	Isaac Bloxham	L 1/6	E1/2NW1/4, Section 18, Township 12 South, Range 37 E.B.M.
8	Robert Baxter <i>VAUGHN</i>	Ralph Douglass	L 1/12	NE1/4NE1/4, Section 8, Township 12 South, Range 37 E.B.M.
8	(Carl Barnes)	John Barnes	L 1/12	SW1/4SW1/4, Section 4 and SE1/4SE1/4 of Section 5, Township 12 South, Range 37 E.B.M.

* 210
60AC
144AC
200AC
145AC
60AC
190AC
NONE
40AC

3. The parties represent and state that they and their predecessors have used their share of all the waters of Cherry Creek continuously during each irrigation season upon the lands owned by them, as above described in paragraph 2.

4. The parties represent and state that the entire flow of Cherry Creek is not adequate to satisfy all the irrigation needs of the respective parties and that there is no water in Cherry Creek available for further appropriation.

*1700 ft. 1954
1000 ft. 1954
1000 ft. 1954
1000 ft. 1954*

STATE	Idaho	PROJECT	Cherry Creek Irrigation Group		
BY	R.E.D.	DATE	5-24-71	CHECKED BY	PJN
		DATE	6-22-77	JOB NO.	Eng Class I 7 Adm units
SUBJECT	Gravity Sprinkler System				SHEET 1 OF 5

Date:

Shareholder	Groups water Irrigated Acs	Photo Measured Acres	GPM @ water meter @ 6.36 gpm/ac
D. Weston	60	110	381.6
C. Evans	60	86	381.6
C. Mock	60	70	381.6
V. Jones	80	80	508.8
V. Bloxham	80	52	508.8
R. Stewart	40	40	254.4
Everett McVie	80	80	508.8
	460	538	508.8

Acresage was based on 2800 gpm

$$= \frac{6.36 \text{ gpm}}{\text{acre}}$$

Id-40 = 2927 gpm required for 460 acres

Design for each to receive their allotted
water

Nozzle requirement: Peak daily use 0.211"

SEE ID-40

$$S_m = 40' \quad S_L = 40' \quad 23 \text{ hrs} = 4.0" \text{ Net} = 0.174'$$

Ref Spc 15
Chpt 11 SCS
WEHD

$$\text{Gpm} = \frac{(40') (6.36) (0.174' \text{ hr})}{24.3 (0.625 \text{ ft})} = 6.67 \text{ gpm}$$

Because of some irregular fields nozzle
capacity will vary somewhat to utilize
the proposed metered flow