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Parcel No. WCWEP-W-0533-2(P)

Contract No. 9-LA-40-L0480

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

00212640 BK 00419 Pg-00063-00073
WASATCH CO RECORDER-ELIZABETH M PARCELL
1999 APR 01 11:32 AM FEE \$30.00 BY MWC
REQUEST: FIRST AMERICAN TITLE COMPANY

WASATCH CANAL
WASATCH COUNTY WATER EFFICIENCY PROJECT
BONNEVILLE UNIT, CENTRAL UTAH PROJECT

CONTRACT AND GRANT OF EASEMENT

THIS CONTRACT AND GRANT OF EASEMENT, made this 3rd day of August, 1998, in pursuance of the Act of June 17, 1902 (32 STAT.388), and the Act of April 11, 1956 (70 Stat. 105), and Acts amendatory thereof or supplementary thereto, and pursuant to the provisions of the Reclamation Projects Authorization Act of 1992 (Public Law 102-575), between THE UNITED STATES OF AMERICA, hereinafter styled the United States, acting through such officer as is authorized therefor by the Secretary of the Interior, and

JAMES W. WINKLER, a married person

hereinafter styled Grantor,

WITNESSETH, That for and in consideration of the mutual agreements herein contained, the parties hereto do covenant and agree as follows:

1. The Grantor does hereby sell and by this Contract and Grant of Easement, with covenants of warranty, grant to the United States, free of lien or encumbrance, except as otherwise provided herein, the following described interests in real property situated in the County of Wasatch, State of Utah, to-wit:

A perpetual easement including the right of ingress and egress to construct, reconstruct, realign, enlarge, improve, relocate, repair, operate, and maintain the Wasatch Canal (hereinafter referred to as the "canal"), and appurtenant structures, on, over, under, or across the following-described property:

Parcel No. WCWEP-W-0533-2(P) (Perpetual Easement)

All that portion of the James W. Winkler property, situate in the Southeast Quarter of the Northeast Quarter (SE¼NE¼) of Section Nineteen (19), Township Three (3) South, Range Five (5) East, Salt Lake Base and Meridian, included within a strip of land Sixty-five (65.00) feet wide, Twenty-five (25.00) feet right or westerly and Forty (40.00) feet left or easterly from the center line of the Wasatch Canal, from Station 113+27 to 114+38:

Beginning at a point in the centerline of the Wasatch Canal (Station 113+27), as said centerline is depicted on the attached Exhibit A (attached hereto and by this reference made a part hereof), which point is Sixteen Hundred Thirty-three and Thirty-four Hundredths (1633.34) feet South and Seventy-five and Fourteen Hundredths (75.14) feet West from the Northeast corner of said Section Nineteen (19) (brass cap set 1976); thence Southeasterly Thirty-six and Forty-two Hundredths (36.42) feet along the arc of a Seventy (70.00) -foot radius curve to the right (chord bears South 43°25'13" East Thirty-six and One Hundredths (36.01) feet); thence South 28°31'00" East, Twenty-four and Seventeen Hundredths (24.17) feet to the point of tangency of a Forty and Thirty-seven Hundredths (40.37) -foot radius curve to the left; thence Southeasterly Fifty and Sixty-five Hundredths (50.65) feet along the arc of said curve to a point (Station 114+38) Three and Ninety-one Hundredths (3.91) feet East and Seventeen Hundred One and Sixteen Hundredths (1701.16) feet South from the Northeast corner of said Section Nineteen (19) (brass cap set 1976).

The sideline boundaries of said strip are to be shortened or extended so as to begin on said northerly boundary line and end on said southerly boundary line of said property boundary. Said strip of land contains Sixteen Hundredths (0.16) of an acre, more or less.

Parcel No. WCWEP-W-0533-2(P) contains a total of Sixteen Hundredths (0.16) of an acre more or less.

1a. The Grantor warrants that Grantor is the owner of the real property whereon the above-described easement lies.

1b. The Grantor, for himself, his successors and assigns, agrees that, within the perpetual easement area described herein: (i) no buildings or structures of a permanent nature will be constructed; (ii) removal of materials from or placement of materials upon the area shall be subject to written approval of the United States, its agents or assigns which approval will not be unreasonably withheld; (iii) future easements to third parties on, over, under, or across the area will be subject to the written approval of the United States, its agents or assigns; (iv) damage to the canal or appurtenant structures caused by the Grantor's negligent use of the easement shall be repaired at the sole cost of the Grantor.

1c. It is understood and agreed that the rights to be granted to the United States, as described in Article 1 hereof, shall be free from lien or encumbrance except: (i) coal, oil, gas, and other mineral rights reserved or outstanding as of the date of this contract; (ii) any exploration or exploitation of such coal, oil, gas, and other minerals shall be approved in writing, by the Secretary of the Interior or his duly-authorized representative. (iii) rights-of-way of record for roads, railroads, telephone lines, transmission lines, ditches, conduits, or pipelines, on, over, under, or across said lands in existence on such date; and (iv) court liens, judgments or financial encumbrances, such as Deeds of Trust, for which a formal consent has been obtained from the court or the lien holder.

1d. Grantor, for himself, his successors and assigns, understands and agrees that any alteration, modification, change, or placement of improvements, by Grantor or any third party, within the above-described easement area, subsequent to the date of execution of this Contract and Grant of Easement, shall be made at Grantor's own risk, and Grantor hereby releases the United States from liability for any and all loss or damage of every description or kind whatsoever which is caused by or as a direct result of such alteration, modification, change, or placement of improvements within said area; provided, however, that nothing in this Article shall be construed as releasing the United States from liability for its own negligence.

1e. The United States, at its sole cost and expense, within the easement herein described, will: (i) replace or repair with materials of like kind and equal quality any fences, ditches, pipelines, driveways, or roadways, including appurtenances thereto existing at the time of execution of this contract by the Grantor that are damaged or destroyed by construction of the canal, and appurtenant structures, (ii) grade to reasonably even and regular surfaces, all fills, cuts, and waste banks, and (iii) at its option, the United States will compensate the Grantor for damage or loss of the above items based on an appraisal mutually acceptable to the United States and the Grantor.

1f. The United States agrees that any crop loss or crop damages incurred as a result of the construction of the project on the above described parcel of land are not included in the consideration paid under Article 3 hereof. The construction contractor will be responsible for payment for such loss or damages. If they are not, the United States will compensate the Grantor for such loss or damages based on an appraisal mutually acceptable to the United States and the Grantor.

1g. The United States agrees that to be consistent with the Environmental Impact Statement for the Wasatch County Water Efficiency Project and Daniel Replacement Project dated November 1996, and the Wasatch County Water Efficiency Project and Daniel Replacement Project contract specifications dated December 23, 1997, only those trees, snags, stumps, brush, limbs, and other vegetative growth which are necessary to provide for construction will be removed.

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2. The Grantor hereby ratifies and affirms the right of the United States, its permittees, successors or assigns, to construct, reconstruct, realign, enlarge, improve, relocate, repair, operate and maintain said canal, and all other fixtures, devices and appurtenances related thereto, and to conduct all related activities in, on, under, and across the land described in paragraph 1 above, together with the right of access thereto for such purposes, at any time and from time to time, under the following conditions:

(a) The United States shall have the right to use the herein described easement for ingress and egress at any time without prior notice, as may be convenient and necessary for the purposes of exercising the rights herein mentioned.

(b) The rights granted to, and exercised by, the United States shall be subject to all fencing, canals, ditches, pipelines, roadways, and rights-of-way, including the right of the Grantor to use the lands within said parcel for open space or agricultural purposes, which do not or could not directly or indirectly interfere with or endanger the exercise of the rights of the United States.

3. The United States shall purchase said easement on the terms herein expressed, and on execution and delivery of this Contract and Grant of Easement, and approval by the proper officials of the United States, it shall cause to be paid to the Grantor as full purchase price the sum of Three Thousand Five Hundred Dollars (\$3,500.00) by United States Treasury warrant or fiscal officer's check.

4. The Grantor shall, at his own cost, procure and have recorded all assurances of title and affidavits which the Grantor may be advised by the United States are necessary and proper to show in the Grantor complete fee simple unencumbered title to the property whereon the above-described easement lies, subject only to the interests, liens, or encumbrances expressly provided herein. Abstracts or certificates of title or title insurance will be procured by the United States at its expense. The expense of recording this Contract and Grant of Easement shall be borne by the United States.

The United States shall reimburse the Grantor in an amount deemed by the United States to be fair and reasonable for the following expenses incurred by the Grantor:

(a) Recording fees, transfer taxes and similar expenses incidental to granting the easement described herein to the United States; and

(b) Penalty cost for prepayment of any pre-existing recorded mortgage entered into in good faith encumbering said real property.

The Grantor agrees to furnish the United States evidence that these items of expenses have been billed to and paid by him and further agrees that the United States alone shall determine the fairness and reasonableness of the expenses to be paid.

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5. In the event that liens or encumbrances other than those expressly provided herein, do exist, the United States may, at its option, remove any and all such outstanding liens and encumbrances by reserving from the purchase price herein set forth the necessary amount and discharge same with the money so reserved, but this provision shall not be construed to authorize the incurrence of any lien or encumbrance as against this Contract and Grant of Easement, nor as an assumption of any lien or encumbrance by the United States.

6. It is agreed that, at its election, the United States may draw its check in payment for granting the above-described easement to the order of the title contractor or closing agent, and the Grantor hereby authorizes the said contractor or agent to cash the check and make disbursements out of the proceeds to satisfy and pay any taxes, assessments, and encumbrances which are a lien against the real estate; to purchase any Federal or State documentary revenue stamps; to pay any State and local recording or transfer taxes where required, and any other expenses incident to the closing of title which are properly chargeable to the Grantor; and to remit the balance of the proceeds to Grantor; together with an itemized statement of the payments made on Grantor's behalf.

7. This Contract and Grant of Easement shall become effective to bind the United States to purchase said easement immediately on its execution by the contracting officer acting under the authority of the Secretary of the Interior and shall inure to the benefit of and be binding on the heirs, executors, administrators and assigns of the Grantor, and the assigns of the United States.

8. After execution of this contract by the United States, the proper officers and agents of the United States shall, at all times, have unrestricted access to said easements to survey, construct, reconstruct, realign, enlarge, improve, relocate, repair, operate and maintain the canal, free of any claim for damage or compensation on the part of the Grantor, except as otherwise provided for in this contract.

9. If the Secretary of the Interior determines that the title to the easement should be acquired by the United States by judicial procedures, either to procure a safe title or to obtain title more quickly or for any other reason, then the award to be made for the interest acquired in said lands in said proceedings shall be the same amount as the purchase price herein provided. This contract shall constitute full and complete satisfaction of all claims by the Grantor to compensation for the land described in paragraph 1 herein.

10. The Grantor warrants that the Grantor has not employed any person to solicit or secure this Contract and Grant of Easement upon any agreement for a commission, percentage, brokerage, or contingent fee. Breach of this warranty shall give the United States the right to annul the Contract and Grant of Easement, or, in its discretion, to deduct from the contract price or consideration the amount of such commission, percentage, brokerage, or contingent fees. This warranty shall not apply to commissions payable by contractors upon contracts or sales secured or made through bona fide established commercial or selling agencies maintained by the Grantor for the purpose of securing business with others than the United States.

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11. No Member of or Delegate to Congress or Resident Commissioner shall be admitted to any share or part of this Contract and Grant of Easement, or to any benefit that may arise therefrom, but this restriction shall not be construed to extend to this contract if made with a corporation or company for its general benefit.

12. The terms of this Contract and Grant of Easement will survive the grant provided for herein.

IN WITNESS WHEREOF, the parties hereto have signed their names the day and year first above-written.

THE UNITED STATES OF AMERICA

APPROVED

Christopher B. Rich
Field Solicitor's Office

By Richard C. Urbom
Act: Bruce E. Snyder
Realty Officer
Resources Management Division
Bureau of Reclamation,
Upper Colorado Region

James W. Winkler
James W. Winkler, Grantor

, Grantor

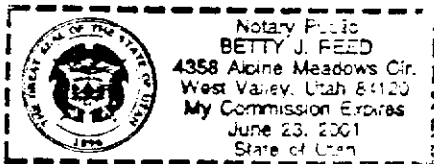
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ACKNOWLEDGMENT

State of Utah)
) ss.
County of Salt Lake

On this 3rd day of August, 1998, personally appeared before me James W. Winkler, to me known to be the individual or individuals, described in and who executed the within and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.

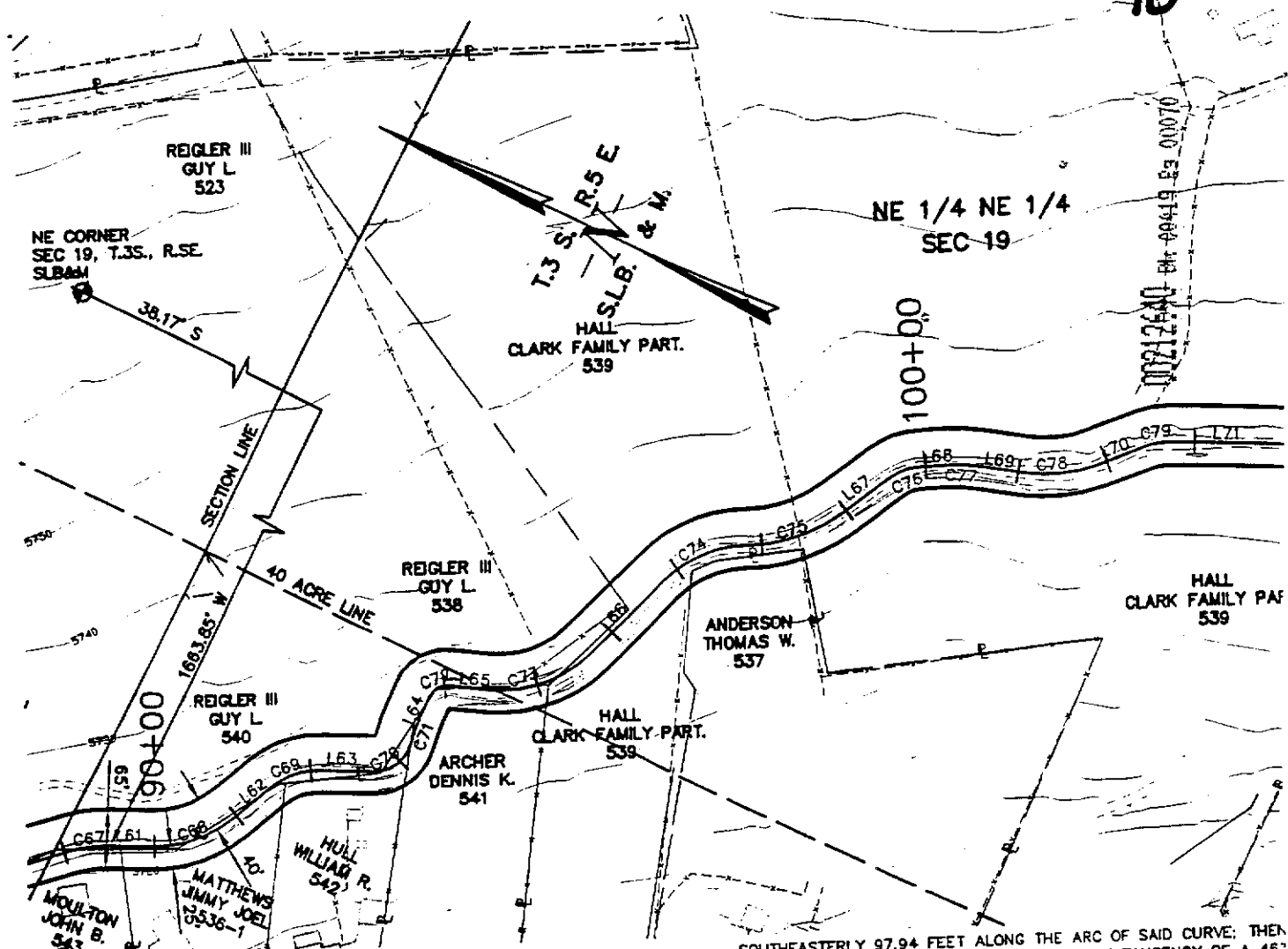
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.



Betty J. Reed
Notary Public in and for the
State of Utah
Residing at West Valley
My commission expires: June 23, 2001

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**WASATCH CANAL
CENTER LINE DESCRIPTION**
NW1/4NE1/4, E1/2NE1/4 SECTION 19 & SW1/4NW1/4 SECTION 20, T.3S., R.5E.
S.L.B.&M.

BEGINNING AT A POINT 1663.85 FEET WEST AND 38.17 FEET SOUTH FROM THE NORTHEAST CORNER OF SECTION 19, T.3S., R.5E. S.L.B.&M. (ORIGINAL STONE); THENCE S. 24°20'07" E. 43.01 FEET TO THE POINT OF TANGENCY OF A 147.70-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 104.79 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 64°39'05" E. 52.13 FEET TO THE POINT OF TANGENCY OF A 87.14-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 62.18 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 24°05'47" E. 53.94 FEET TO THE POINT OF TANGENCY OF A 42.11-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 57.41 FEET ALONG THE ARC OF SAID CURVE TO THE POINT OF REVERSE CURVATURE OF A 187.24-FOOT CURVE; THENCE EASTERLY 33.40 FEET ALONG THE ARC OF SAID CURVE; THENCE N. 88°01'33" E. 21.67 FEET TO THE POINT OF TANGENCY OF A 20.00-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 25.23 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 19°41'05" E. 41.06 FEET TO THE POINT OF TANGENCY OF A 136.59-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 121.09 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 70°28'48" E. 110.88 FEET TO THE POINT OF TANGENCY OF A 140.00-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 108.34 FEET ALONG THE ARC OF SAID CURVE TO THE POINT OF REVERSE CURVATURE OF A 172.55-FOOT RADIUS CURVE; THENCE SOUTHEASTERLY 108.55 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 62°11'09" E. 65.95 FEET TO THE POINT OF TANGENCY OF A 58.03-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 33.28 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 29°19'29" E. 26.71 FEET TO THE POINT OF TANGENCY OF A 164.51-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 36.19 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 16°43'19" E. 49.60 FEET TO THE POINT OF TANGENCY OF A 161.75-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 81.63 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 45°36'11" E. 62.27 FEET TO THE POINT OF TANGENCY OF A 59.28-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 21.63 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 24°44'05" E. 134.31 FEET TO THE POINT OF TANGENCY OF A 320.85-FOOT RADIUS CURVE TO THE LEFT; THENCE

SOUTHEASTERLY 97.94 FEET ALONG THE ARC OF SAID CURVE; THEN S. 42°13'30" E. 142.26 FEET TO THE POINT OF TANGENCY OF A 462 RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 66.76 FEET TO THE POINT OF TANGENCY OF A 226.74-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 97.65 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 25°47'35" E. 80.79 FEET TO THE POINT OF TANGENCY OF A 234 RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 109.51 FEET ALONG SAID CURVE; THENCE S. 52°31'24" E. 46.06 FEET TO THE POINT OF TANGENCY OF A 95.72-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 17.11 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 36°01'53" E. 17.11 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 36°01'53" E. 17.11 FEET TO THE POINT OF TANGENCY OF A 84.88-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 74.84 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 86°32'49" E. 55.03 FEET TO THE POINT OF TANGENCY OF A 70 RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 70.90 FEET ALONG SAID CURVE; THENCE S. 28°31'00" E. 24.17 FEET TO THE POINT OF TANGENCY OF A 40.37-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 76.91 FEET ALONG THE ARC OF SAID CURVE; THENCE N. 76°10'36" E. 76.91 FEET TO THE POINT OF TANGENCY OF A 90.24-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 25.96 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 23.69 FEET TO THE POINT OF TANGENCY OF A 25.00-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 38.64 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 17°3'04" W. 33.42 FEET TO THE POINT OF TANGENCY OF A 70 RADIUS CURVE TO THE LEFT; THENCE SOUTHERLY 46.04 FEET ALONG SAID CURVE; THENCE S. 8°42'23" E. 14.31 FEET TO THE POINT OF TANGENCY OF A 53.01-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHERLY 17.70 FEET ALONG THE ARC OF SAID CURVE TO THE POINT OF REVERSE CURVE; THENCE SOUTHERLY 68.69-FOOT RADIUS CURVE; THENCE SOUTHERLY 17.70 FEET ALONG SAID CURVE; THENCE S. 13°51'36" W. 20.83 FEET TO THE POINT OF TANGENCY OF A 326.10-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHERLY 89.55 FEET TO THE POINT OF TANGENCY OF A 80.21-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHERLY 48.46 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 27°05'54" E. 134.31 FEET TO A POINT 2475.85 FEET WEST AND 2995.35 FEET NORTH FROM QUARTER CORNER OF SAID SECTION 20 (ORIGINAL STONE).

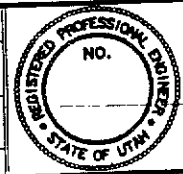
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REV	DATE	BY	DESCRIPTION
REVISIONS			

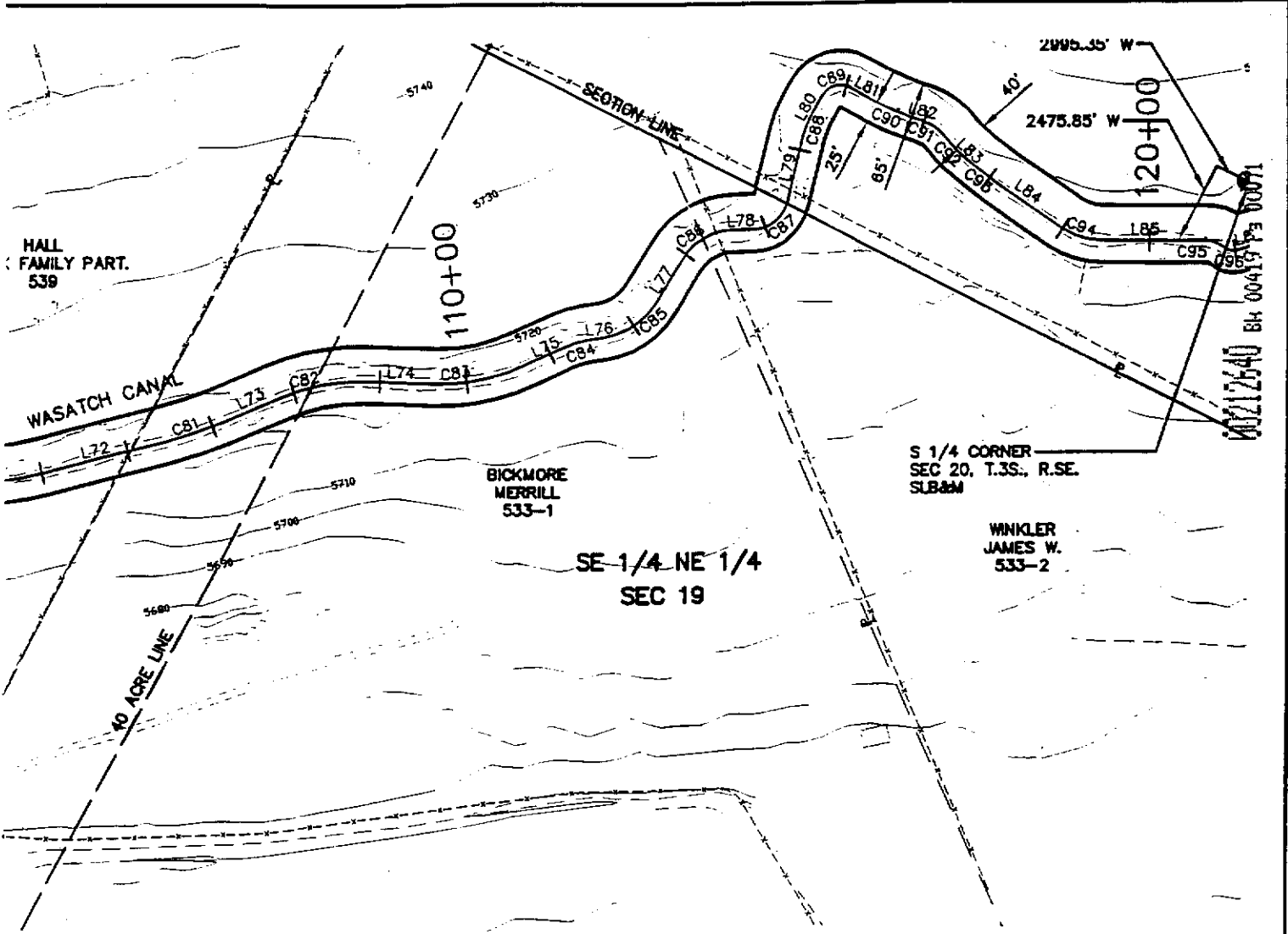
SCALE:
1" = 100' HORIZ.

WARNING
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IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

DESIGNED	RAJ	DATE	10/97
DRAWN	ADL	DATE	10/97
CHECKED	RAJ	DATE	10/97



**HC
EN**
IN ASSO



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C68	147.70'	104.79'	54.71'	102.60'	S 44°39'36" E	40°38'58"
C69	87.14'	62.18'	32.48'	60.87'	N 44°32'26" W	40°53'19"
C70	42.11'	57.41'	34.16'	53.06'	S 63°08'45" E	78°05'56"
C71	187.24'	33.40'	16.75'	33.36'	N 82°54'55" E	10°13'17"
C72	20.00'	25.23'	14.61'	23.59'	N 55°49'46" W	72°17'22"
C73	136.59'	121.09'	64.85'	117.17'	S 45°04'57" E	50°47'43"
C74	140.00'	108.34'	57.04'	105.65'	S 48°18'41" E	44°20'14"
C75	172.55'	108.55'	56.14'	108.77'	S 44°09'52" E	36°02'35"
C76	58.03'	33.28'	17.11'	32.83'	S 45°45'19" E	32°51'40"
C77	164.51'	36.19'	18.17'	36.11'	N 23°01'24" W	12°36'10"
C78	161.75'	81.63'	41.70'	80.76'	N 31°10'45" W	28°54'52"
C79	59.28'	21.63'	10.93'	21.51'	N 35°11'08" W	20°54'06"
C80	320.85'	97.94'	49.36'	97.56'	S 33°28'47" E	17°29'26"
C81	463.93'	66.76'	33.44'	66.70'	S 46°20'50" E	08°14'40"
C82	226.74'	97.65'	49.60'	96.90'	S 38°07'52" E	24°40'35"
C83	234.73'	109.51'	55.77'	108.52'	S 39°09'29" E	26°43'49"
C84	95.72'	27.55'	13.87'	27.46'	N 44°16'38" W	16°29'31"
C85	84.88'	74.84'	40.05'	72.44'	N 61°17'21" W	50°30'56"
C86	70.00'	70.90'	38.83'	67.91'	S 57°31'55" E	58°01'48"
C87	40.37'	53.06'	31.15'	49.33'	N 66°10'12" W	75°18'24"
C88	90.24'	25.96'	13.07'	25.87'	S 84°25'10" W	16°29'07"
C89	25.00'	38.64'	24.38'	34.91'	S 43°03'36" E	88°33'20"
C90	265.82'	46.04'	23.08'	45.99'	N 03°44'40" W	09°55'27"
C91	53.01'	34.54'	17.91'	33.93'	S 09°57'26" W	37°19'38"
C92	68.69'	17.70'	8.90'	17.65'	S 21°14'25" W	14°45'39"
C93	326.10'	36.09'	18.07'	36.08'	N 10°41'21" E	06°20'30"
C94	80.21'	48.46'	25.00'	47.73'	S 09°47'24" E	34°37'00"
C95	45.92'	30.73'	15.97'	30.16'	S 07°55'41" E	38°20'25"
C96	12.44'	11.89'	6.44'	11.44'	N 16°07'50" W	54°44'42"

LINE	DIRECTION	DISTANCE
L61	S 24°20'07" E	43.01'
L62	S 64°59'05" E	52.13'
L63	S 24°05'47" E	53.94'
L64	N 88°01'33" E	21.67'
L65	S 19°41'05" E	41.06'
L66	S 70°28'48" E	110.86'
L67	S 62°11'09" E	65.95'
L68	S 29°19'29" E	26.71'
L69	S 18°43'19" E	49.60'
L70	S 45°38'11" E	62.27'
L71	S 24°44'05" E	134.31'
L72	S 42°13'30" E	142.26'
L73	S 50°28'10" E	70.63'
L74	S 25°47'35" E	80.79'
L75	S 52°31'24" E	46.06'
L76	S 36°01'53" E	17.11'
L77	S 86°32'49" E	55.03'
L78	S 28°31'00" E	24.17'
L79	N 76°10'36" E	76.91'
L80	S 87°20'17" E	23.69'
L81	S 01°13'04" W	33.42'
L82	S 08°42'23" E	14.31'
L83	S 13°51'36" W	20.83'
L84	S 07°31'06" W	89.55'
L85	S 27°05'54" E	112.63'

CAFOLLO ENGINEERS
CH2M HILL



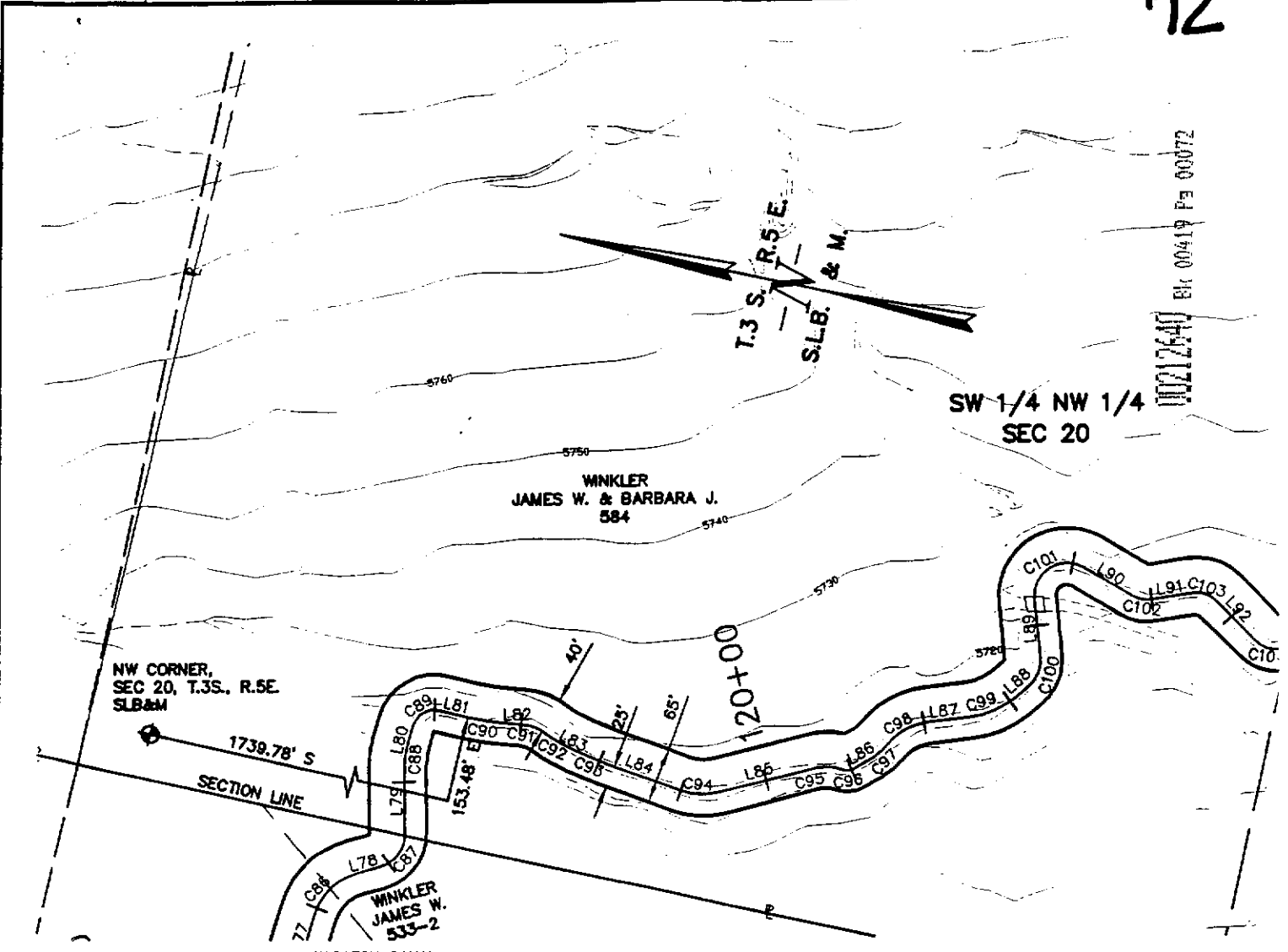
CENTRAL UTAH WATER CONSERVANCY DISTRICT
 Wasatch County Water Efficiency Project
WASATCH CANAL
 EXHIBIT "A"



PROJECT NO.	9701-95
DATE	NOV.-97
DRAWING NO.	G-32
SHEET NO.	x of x

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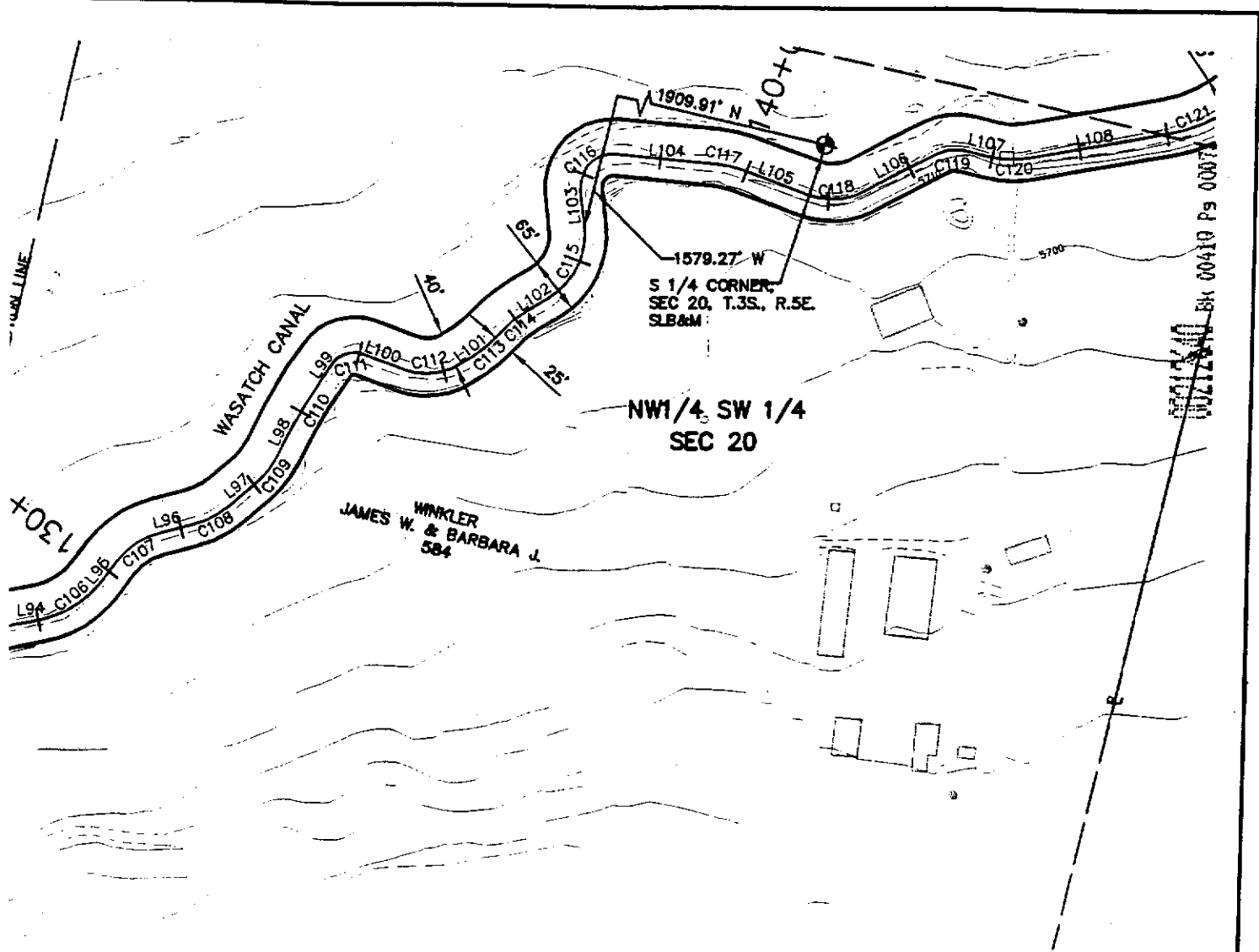
WASATCH CANAL
CENTER LINE DESCRIPTION
SW1/4NW1/4 & NW1/4SW1/4 SECTION 20, T.3S., R.5E. S.L.B.&M.

BEGINNING AT A POINT 153.48 FEET EAST AND 1739.78 FEET SOUTH FROM THE NORTHWEST CORNER OF SECTION 20, T.3S., R.5E. S.L.B.&M. (ORIGINAL STONE); THENCE SOUTHERLY 46.04 FEET ALONG THE ARC OF A 265.82-FOOT RADIUS CURVE TO THE RIGHT (CHORD BEARS S. 3°44'40" E. 45.99 FEET); THENCE S. 8°42'23" E. 14.31 FEET TO THE POINT OF TANGENCY OF A 53.01-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHERLY 34.54 FEET ALONG THE ARC OF SAID CURVE TO THE POINT OF REVERSE CURVATURE OF A 68.69-FOOT RADIUS CURVE; THENCE SOUTHERLY 17.70 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 13°51'36" W. 20.83 FEET TO THE POINT OF TANGENCY OF A 326.10-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHERLY 36.09 FEET ALONG THE ARC OF SAID; THENCE S. 7°31'06" W. 89.55 FEET TO THE POINT OF TANGENCY OF A 80.21-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHERLY 48.48 FEET ALONG THE ARC OF SAID; THENCE S. 27°05'54" E. 112.63 FEET TO THE POINT OF TANGENCY OF A 45.92-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHERLY 30.73 FEET ALONG THE ARC OF SAID CURVE TO THE POINT OF REVERSE CURVATURE OF A 12.44-FOOT RADIUS CURVE; THENCE SOUTHERLY 11.89 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 43°30'11" E. 27.08 FEET TO THE POINT OF TANGENCY OF A 59.27-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 21.69 FEET ALONG THE ARC OF SAID CURVE TO THE POINT OF REVERSE CURVATURE OF A 68.84-FOOT RADIUS CURVE; THENCE SOUTHEASTERLY 54.13 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 19°25'10" E. 45.11 FEET TO THE POINT OF TANGENCY OF A 98.94-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 57.84 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 52°54'56" E. 17.71 FEET TO THE POINT OF TANGENCY OF A 40.50-FOOT RADIUS CURVE TO THE LEFT; THENCE EASTERLY 39.78 FEET ALONG THE ARC OF SAID CURVE; THENCE N. 70°48'49" E. 66.16 FEET TO THE POINT OF TANGENCY OF A 37.00-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 82.08 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 17°54'48" W. 63.72 FEET TO THE POINT OF TANGENCY OF A 34.20-FOOT RADIUS CURVE TO THE LEFT; THENCE

SOUTHERLY 24.03 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 22° 44.62 FEET TO THE POINT OF TANGENCY OF A 29.35-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHERLY 28.13 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 32°34'51" W. 61.85 FEET TO THE POINT OF TANGENCY OF A 40 RADIUS CURVE TO THE LEFT; THENCE SOUTHERLY 49.40 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 37°28'33" E. 20.28 FEET TO THE POINT OF TANGENCY OF A 298.10-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 30.12 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 24°31'21" E. 30.12 FEET TO THE POINT OF TANGENCY OF A 108.72-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 80.99 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 67°12'14" E. 30.51 FEET TO THE POINT OF TANGENCY OF A 89.31-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 60.44 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 28°25'57" E. 39.08 FEET TO THE POINT OF TANGENCY OF A 113.66-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 50.02 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 53°38'47" E. 38.81 FEET TO THE POINT OF TANGENCY OF A 99.93-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 41.14 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 77°14'16" E. 41.08 FEET TO THE POINT OF TANGENCY OF A 365.23-FOOT RADIUS CURVE TO THE RIGHT; THENCE EASTERLY 53.99 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 68°46'04" E. 27.75 FEET TO THE POINT OF TANGENCY OF A 28.28-FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 37.23 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 6°39'30" W. 49.88 FEET TO THE POINT OF TANGENCY OF A 73.34-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHERLY 67.93 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 46° 16.21 FEET TO THE POINT OF TANGENCY OF A 137.73-FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 38.58 FEET ALONG THE ARC OF SAID CURVE TO THE POINT OF REVERSE CURVATURE OF A 124.98-FOOT RADIUS CURVE; THENCE SOUTHEASTERLY 40.70 FEET ALONG THE ARC OF SAID CURVE; THENCE S. 43°47'57" E. 25.44 FEET TO THE POINT OF TANGENCY OF A 84.54-FOOT RADIUS CURVE TO THE LEFT TO A POINT 1579.27 FEET WEST AND 1909.91 FEET NORTH FROM THE SOUTH QUARTER CORNER OF SAID SECTION 20 (ORIGINAL STONE).

D:\9701-95\ROW\WASATCH\ WAS05.dwg 10/27/97 15:04 (0\MSHP35, 007_100) adrian

SCALE: 1" = 100' HORIZ.		WARNING 0 1/2 1 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.		DESIGNED: RAJ DATE: 10/97		 IN ASSOCIATION
CONTOUR INTERVAL: 10' INTERMEDIATE: 2'				DRAWN: ADL DATE: 10/97		
REVISIONS				CHECKED: RAJ DATE: 10/97		



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C90	265.82'	46.04'	23.08'	45.99'	N 03°44'40" W	09°55'27"
C91	53.01'	34.54'	17.91'	33.93'	S 09°57'26" W	37°19'38"
C92	68.69'	17.70'	8.90'	17.65'	S 21°14'25" W	14°45'39"
C93	326.10'	36.09'	18.07'	36.08'	N 10°41'21" E	06°20'30"
C94	80.21'	48.46'	25.00'	47.73'	S 09°47'24" E	34°37'00"
C95	45.92'	30.73'	15.97'	30.16'	S 07°55'41" E	38°20'25"
C96	12.44'	11.89'	6.44'	11.44'	N 16°07'50" W	54°44'42"
C97	59.27'	21.69'	10.97'	21.57'	N 53°59'15" W	20°58'09"
C98	68.84'	54.13'	28.55'	52.74'	S 41°56'45" E	45°03'10"
C99	98.94'	57.84'	29.77'	57.02'	N 36°10'03" W	33°29'47"
C100	40.50'	39.78'	21.66'	38.20'	S 81°03'04" E	56°16'14"
C101	37.00'	82.08'	74.37'	66.25'	N 45°38'11" W	127°05'59"
C102	34.20'	24.03'	12.53'	23.54'	N 02°12'38" W	40°14'52"
C103	29.35'	28.13'	15.25'	27.07'	S 05°07'24" W	54°54'54"
C104	40.40'	49.40'	28.32'	46.38'	N 02°26'51" W	70°03'24"
C105	298.10'	67.39'	33.84'	67.25'	N 30°59'57" W	12°57'12"
C106	108.72'	80.99'	42.48'	79.13'	N 45°14'47" W	42°40'53"
C107	89.31'	60.44'	31.43'	59.29'	S 47°49'05" E	38°46'17"
C108	113.66'	50.02'	25.42'	49.62'	S 41°02'22" E	25°12'51"
C109	99.93'	41.14'	20.87'	40.85'	N 65°26'32" W	23°35'29"
C110	365.23'	53.99'	27.05'	53.94'	N 73°00'10" W	08°28'12"
C111	28.28'	37.23'	21.87'	34.60'	N 31°03'17" W	75°25'34"
C112	73.34'	67.93'	36.62'	65.53'	S 19°52'32" E	53°04'03"
C113	137.73'	38.58'	19.42'	38.45'	N 54°26'00" W	16°02'53"
C114	124.98'	40.70'	20.53'	40.52'	S 53°07'41" E	18°39'30"
C115	84.54'	97.95'	55.31'	92.56'	S 76°59'38" E	66°23'23"

LINE	DIRECTION	DISTANCE
L82	S 08°42'23" E	14.31'
L83	S 13°51'36" W	20.83'
L84	N 07°31'06" E	89.55'
L85	S 27°05'54" E	112.63'
L86	S 43°30'11" E	27.08'
L87	S 19°25'10" E	45.11'
L88	S 52°54'56" E	17.71'
L89	N 70°48'49" E	66.16'
L90	S 17°54'48" W	63.72'
L91	S 22°20'04" E	44.62'
L92	S 32°34'51" W	61.85'
L93	S 37°28'33" E	20.28'
L94	S 24°31'21" E	30.12'
L95	S 67°12'14" E	30.51'
L96	S 28°25'57" E	39.08'
L97	S 53°38'47" E	38.81'
L98	S 77°14'16" E	41.08'
L99	S 68°46'04" E	27.75'
L100	S 06°39'30" W	49.88'
L101	S 46°24'33" E	16.21'
L102	S 43°47'57" E	25.44'

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COFOLLO
ENGINEERS

CH2M HILL



CENTRAL UTAH WATER CONSERVANCY DISTRICT
Wasatch County Water Efficiency Project
WASATCH CANAL
EXHIBIT "A"



PROJECT NO.	9701-95
DATE	NOV.-97
DRAWING NO.	G-33
SHEET NO.	x of x