

CONVENTIONAL MAP SYMBOLS

- RIVERS OR PERPETUAL STREAMS.
- MAIN SUPPLY DITCHES OR CANALS.
- SECONDARY OR LATERAL DITCHES.
- DAMS, BRIDGES.
- INTERSECTING DITCHES OR CANALS.
- TRAVERSE LINES.
- TIE LINES.
- ROADS.
- FENCES.
- RAILROADS.
- BUILDINGS.

MONUMENTATION & RELATED MAP SYMBOLS

- FOUND SECTION CORNER
- FOUND 1/4 SECTION CORNER, OR AS NOTED
- SET LVVWD PLS 9677, OR AS NOTED
- WELL POSITION

REFERENCES

1. GUIDELINES AND RULES FOR THE PREPARATION OF WATER RIGHTS MAPS (REVISED 1994).
2. NRS 240.1675.

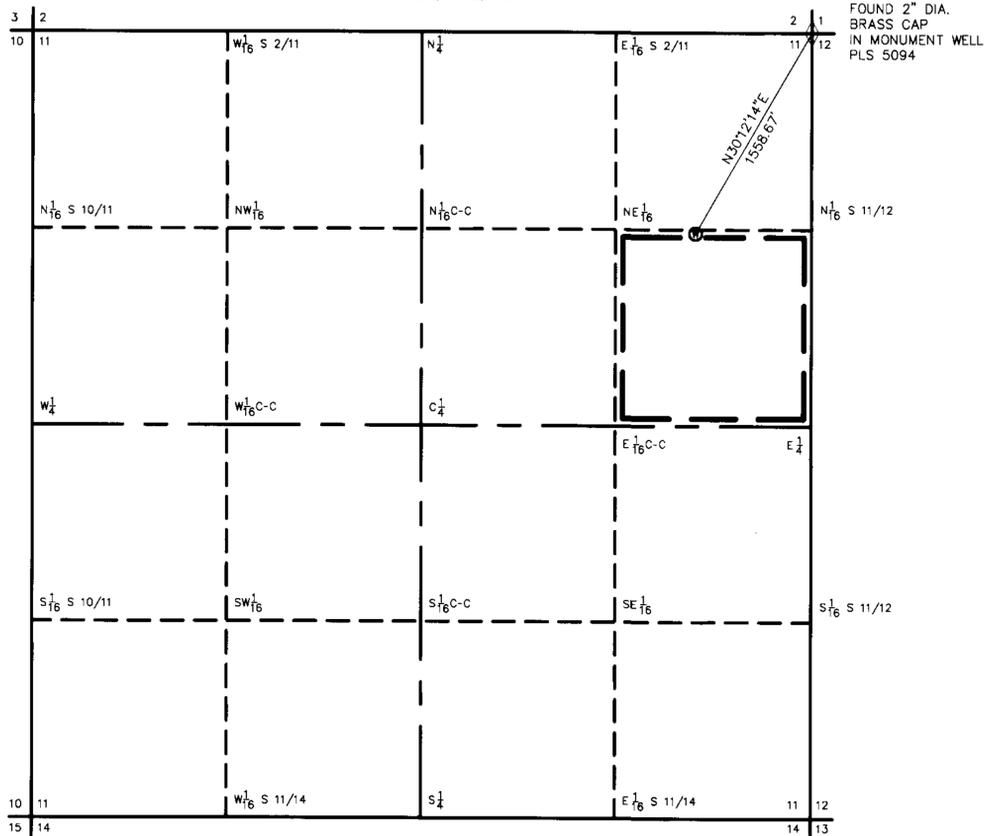
BASIS OF BEARING

THE BASIS OF BEARINGS WAS DETERMINED BY GLOBAL POSITIONING SYSTEM METHODS. EQUIPMENT USED WAS TRIMBLE 4000SSE RECEIVERS. FIELD PROCESSING WAS FACILITATED BY USE OF REAL TIME KINEMATIC TDC1 VERSION 4.00. OFFICE RE-POST PROCESSING WAS FACILITATED BY TRIMMAP SURVEY SUPPORT VERSION 6.00, RELEASED MARCH 1, 1996. THEREFORE THE BASIS OF BEARINGS IS GPS NORTH WHICH INFINITESIMALLY DECLINEATES FROM TRUE NORTH, SAID DEVIATION RESULTING FROM TDOP AND OTHER RELATED SOURCES OF ERROR. PUBLISHED HORIZONTAL ACCURACY USING THIS EQUIPMENT IS 1CM + 2PPM (LIT. ID#0226, 2/94, TRIMBLE NAVIGATION, LTD).

CALIBRATION INFORMATION

THE METHOD EMPLOYED TO CONVERGE THE ELLIPSID TO THE GROUND WAS TRIMBLE SURVEY CONTROLLER VERSION 4.00 WHICH ALLOWS A SEVEN PARAMETER CALIBRATION. THIS FACILITATED A TRUE AND PROPORTIONATE SCALE FACTOR FROM ELLIPSID TO GROUND. ALL DISTANCES SHOWN HEREON ARE GROUND MEASUREMENTS.

SECTION DIAGRAM
SECTION 11, T21S, R61E, M.D.M.



FOUND 2" DIA. BRASS CAP IN MONUMENT WELL PLS 5094

SCALE: 1 INCH = 600 FEET
T 21 S, R 61 E, M.D.M.

STATE WATER-RIGHT SURVEYOR'S CERTIFICATE

I, TIMOTHY J. WOLF, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE UNDER MY DIRECT SUPERVISION AND DIRECTION, BETWEEN THE 6TH DAY OF SEPTEMBER, 1996, AND THE 9TH DAY OF SEPTEMBER, 1996; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENTS OF THE WORKS USED TO DIVERT WATER FROM UNDERGROUND SOURCES TO ALLEVIATE A GEOLOGIC HAZARD IN CLARK COUNTY, STATE OF NEVADA, BY THE SOUTHERN NEVADA WATER AUTHORITY FOR IRRIGATION RESEARCH USE. THAT THE PROPOSED POINT OF DIVERSION, AND PLACE OF USE AND AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

TIMOTHY J. WOLF
STATE WATER RIGHT SURVEYOR
NEVADA CERTIFICATE NO. 954
LVVWD DISTRICT SURVEYOR



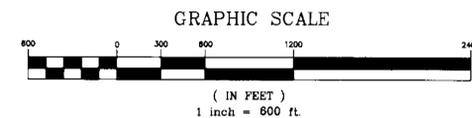
ATTEST:

STATE OF NEVADA }
COUNTY OF CLARK } S.S.

SIGNED OR ATTESTED BEFORE ME ON 16, OCTOBER, 1996 BY TIMOTHY J. WOLF.

PAUL MISKEY
Notary Public - Nevada
Clark County
My Appl. Exp. Apr. 4, 1998

Paul Miskey
PAUL MISKEY
RIGHT OF WAY AGENT
LAS VEGAS VALLEY WATER DISTRICT
MY COMMISSION EXPIRES APRIL 4, 1998



SOUTHERN NEVADA WATER AUTHORITY		CONTRACT: N/A GENERAL
1001 S. VALLEY VIEW BOULEVARD LAS VEGAS, NEVADA 89102 (702) 870-2011		LOCATION: LAS VEGAS
NAME: VLYHSWEL.DWG	REV. DATE: 10-7-96	SHEET
DRAWN: T. WOLF, PLS	REVIEWED: B. QUINN	1
H. SCALE: 1"=600'	V. SCALE: N/A	1
		SHEET 1

STATE ENGINEERS USE 62554

FILED
NOV 01 1996
STATE ENGINEERS OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATER TO ALLEVIATE GEOLOGIC HAZARDS.

FOR: IRRIGATION RESEARCH
BY: SOUTHERN NEVADA WATER AUTHORITY
FROM: UNDERGROUND SOURCE (SHALLOW SYSTEM)
LAS VEGAS BASIN (212)
IN: CLARK COUNTY, NEVADA