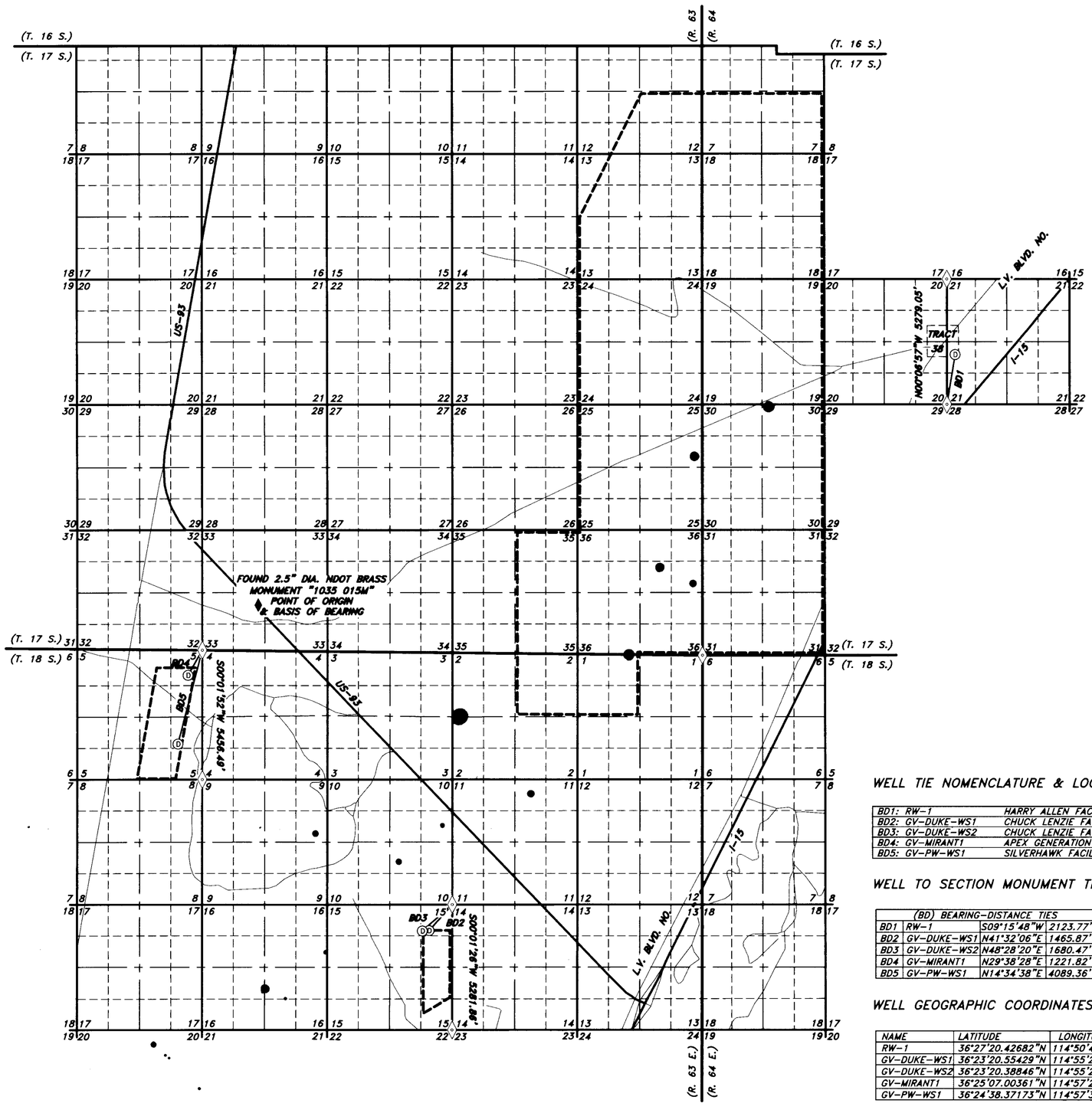

PORTIONS OF
T. 17 S., R. 63 E.
T. 17 S., R. 64 E.
T. 18 S., R. 63 E.
T. 18 S., R. 64 E.

GRAPHIC SCALE

1/2 0 1/4 1/2 1 2

(IN MILES)
1 INCH = 1/2 MI.

GEODETIC NORTH — ART "WHERE ART & MEASUREMENT SCIENCE CONVERGE"

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.
- EXISTING PLACE OF USE
- ROADS
- MAJOR HIGHWAYS
- FENCES
- RAILROADS
- BUILDINGS

WELL TIE NOMENCLATURE & LOCATION

BD1: RW-1	HARRY ALLEN FACILITY
BD2: GV-DUKE-WS1	CHUCK LENZIE FACILITY
BD3: GV-DUKE-WS2	CHUCK LENZIE FACILITY
BD4: GV-MIRANT1	APEX GENERATION FACILITY
BD5: GV-PW-WS1	SILVERHAWK FACILITY

WELL TO SECTION MONUMENT TIES

(BD) BEARING-DISTANCE TIES			
BD1	RW-1	S09°15'48"W	2123.77'
BD2	GV-DUKE-WS1	N41°32'06"E	1465.87'
BD3	GV-DUKE-WS2	N48°28'20"E	1680.47'
BD4	GV-MIRANT1	N29°38'28"E	1221.82'
BD5	GV-PW-WS1	N14°34'38"E	4089.36'

WELL GEOGRAPHIC COORDINATES

NAME	LATITUDE	LONGITUDE
RW-1	36°27'20.42682"N	114°50'49.52255"W
GV-DUKE-WS1	36°23'20.55429"N	114°55'22.69569"W
GV-DUKE-WS2	36°23'20.38846"N	114°55'26.19403"W
GV-MIRANT1	36°25'07.00361"N	114°57'27.12828"W
GV-PW-WS1	36°24'38.37173"N	114°57'32.32280"W

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, ON THE 16TH DAY OF MARCH, 2009; THAT IT TRULY AND CORRECTLY REPRESENTS THE EXISTING LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM UNDERGROUND SOURCES BY LAS VEGAS VALLEY WATER DISTRICT, THAT THE EXISTING POINTS OF DIVERSION AND PLACE OF USE ARE FULLY AND CORRECTLY DESIGNATED HEREON.

11/03/09

TIMOTHY J. WOLF
STATE WATER RIGHT SURVEYOR
NEVADA CERTIFICATE NO. 954
AGENT, ARTISAN SPATIAL TECHNOLOGY, LLC

PROFESSIONAL LAND SURVEYOR - STATE OF NEVADA
TIMOTHY J. WOLF
Exp. 06/30/10
No. 9671
11/03/09

ATTEST:

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

SIGNED OR ATTESTED BEFORE ME ON 11-3-09, 2009 BY TIMOTHY J. WOLF.

SIGNATURE:
PRINTED NAME: Gary M. Egelin
MY COMMISSION EXPIRES: March 13, 2012

NOTARY PUBLIC
STATE OF NEVADA
County of Clark
GARY M. EGELIN
No. 08-8434-1
My Appointment Expires March 13, 2012

REFERENCES

1. GUIDELINES AND RULES FOR THE PREPARATION OF WATER RIGHTS MAPS (REVISED 2003).
2. NRS 240.1675.
3. GEOGRAPHIC COORDINATE DATA BASE (GCDB) PREPARED BY THE BUREAU OF LAND MANAGEMENT, HTTP://WWW.BLM.GOV.
4. RECORD MAPS AND APPLICATIONS ACQUIRED FROM THE NEVADA DIVISION OF WATER RESROUCES DATABASE WEB SITE AT: HTTP://WWW.WATER.GOV.
5. CLARK COUNTY RECORDER PARCEL INFORMATION AND RESPECTIVE SURVEY MAPS AND RECORDS ACCESSED FROM THE CLARK COUNTY RECORDER AT: HTTP://WWW.ACCESSCLARKCOUNTY.COM

MONUMENTATION & RELATED MAP SYMBOLS

- FOUND GLO BRASS MONUMENT 1930'S ERA
- FOUND 1/4 SECTION CORNER, OR AS NOTED
- POINT OF DIVERSION

BASIS OF BEARING & DATUM

BASIS OF BEARING HEREON REPRESENTS A GEODETIC MERIDIAN PASSING THROUGH POINT "1035 015W" AT LATITUDE 36°25'36.17558"N, LONGITUDE114°56'50.89872"W. THE BEARINGS HEREON THEREFORE REFLECT GEODETIC (GPS) NORTH DEPLOYING SURVEY-GRADE EQUIPMENT FROM THE GEOGRAPHIC POINT, ABOVE. THE MEASUREMENTS CONFORM TO "GPS, 5-METERS OR LESS PRECISION". DATUM: NAD83, NGS OPUS (2002.00) http://www.ngs.noaa.gov/OPUS

FILED
NOV 04 2009
(S)

ARTISAN SPATIAL TECHNOLOGY, LLC
"WHERE ART & MEASUREMENT SCIENCE CONVERGE"
P.O. 33434, LAS VEGAS, NV. 89133
www.ArtisanGroupUSA.com
(702) 235-3451

CONTRACT: 07-0798-19606-X0036	
LOCATION: GARNET VALLEY, NV	
NAME: APEX POWER	SHEET
REV. DATE: 10/16/09	1
DRAWN: T.WOLF,PLS	OF
REVIEWED: TJW/CP/GF	1
H.SCALE: 1"=1/2 MI	
V.SCALE: N/A	SHEET(S)

MAP TO ACCOMPANY APPLICATION TO CHANGE POINT OF DIVERSION AND PLACE OF USE FROM UNDERGROUND SOURCES OF A PORTION OF PERMIT 68822; AND MAP TO ACCOMPANY APPLICATION TO CHANGE POINT OF DIVERSION AND PLACE OF USE FROM UNDERGROUND SOURCES OF PERMITS 72798, 73149, 73150, & 73151; AND MAP TO ACCOMPANY APPLICATIONS FOR PERMITS TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA FOR MUNICIPAL BY LAS VEGAS VALLEY WATER DISTRICT FROM AN UNDERGROUND SOURCE IN GARNET (DRY LAKE) VALLEY BASIN CLARK COUNTY, NEVADA

6970T 6969T 6968T 6967T 6966T 6965T 6964T 6963T 6962T 6961T 6960T 6959T 6463T 5863T 5862T 5861T 5860T 5859T
85858T 85857T 85856T 85855T 85854T 85853T 85852T 79010 79009 79008 79007 79006 79005 79004 79003 79002 79001