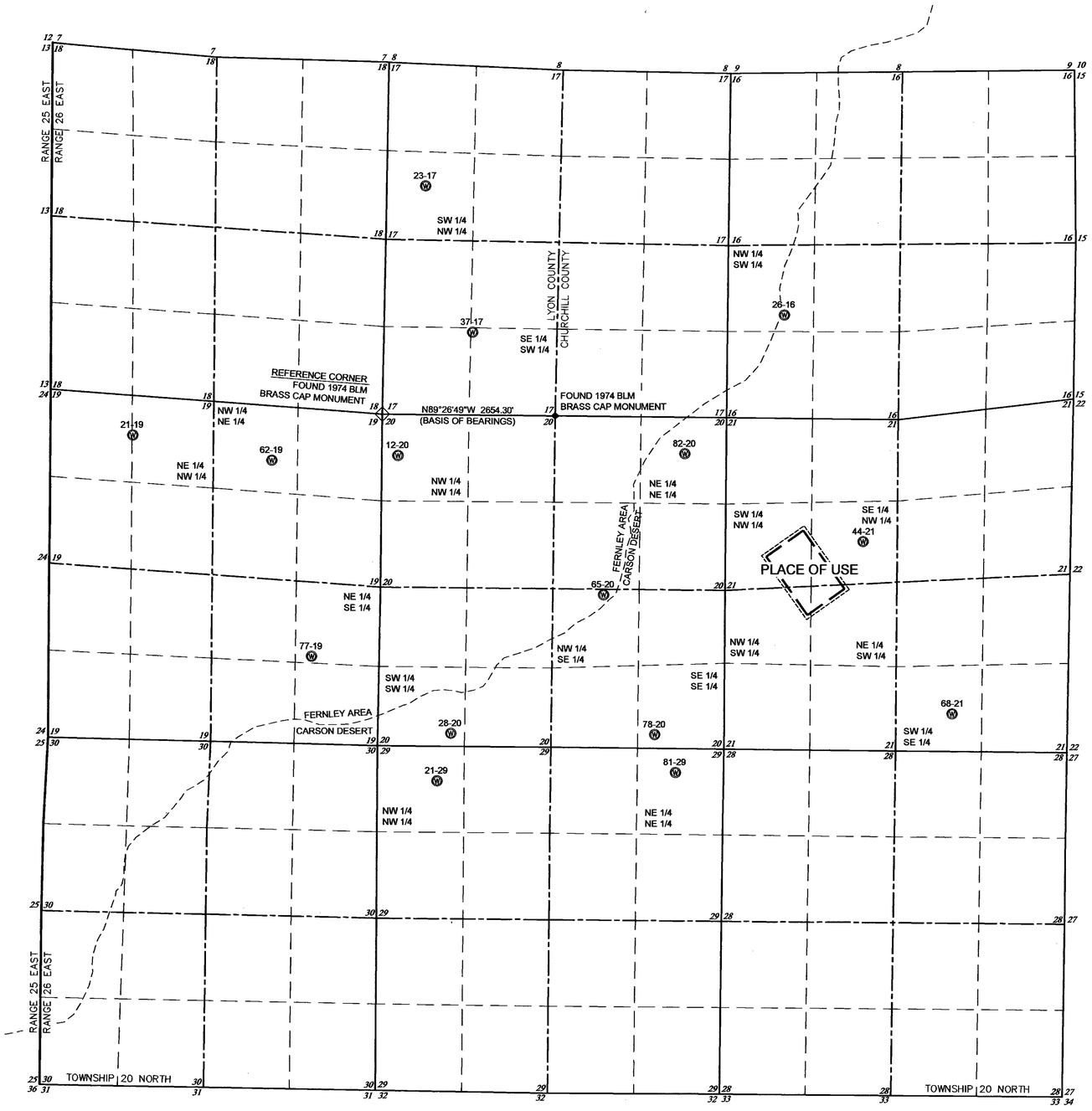

SURVEYOR'S CERTIFICATE

I, MICHAEL J. MILLER, 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 BY ME, OR UNDER MY SUPERVISION AND DIRECTION BETWEEN MARCH 2, 2010 AND JULY 14, 2010; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM A GEOTHERMAL RESERVOIR SOURCE, CHURCHILL AND LYON COUNTIES, NEVADA, BY PATUA PROJECT, L.L.C.

PROFESSIONAL LAND SURVEYOR – STATE OF NEVADA
MICHAEL J. MILLER
EXP: 12-31-11
No. 6636

STATE WATER RIGHT SURVEYOR #724

7-28-10

SUBSCRIBED AND SWORN TO BEFORE ME THIS 28th DAY OF July, 2010.

Heidi Nash
NOTARY PUBLIC IN AND FOR WASHOE COUNTY, NEVADA.

HEIDI NASH
Notary Public - State of Nevada
Appointment Recorded in Washoe County
No: 91-2645-2 - Expires January 1, 2012

MY COMMISSION EXPIRES Jan. 1, 2012

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS MAP IS NEVADA STATE PLANE COORDINATES, WEST ZONE, NAD83(94), BASED UPON STATIC GPS OBSERVATIONS TAKEN ON MARCH 4, 2010, AND PROCESSED THROUGH NGS "OPUS" SOFTWARE.

PROPOSED WELL LOCATIONS

WELL DESIGNATION	BEARING & DISTANCE TO REFERENCE CORNER
77-19	N16°18'11"E 3869.08'
23-17	S10°41'14"W 3562.06'
44-21	N75°10'09"W 7642.25'
68-21	N62°17'35"W 9889.55'
21-19	N85°18'06"E 3846.16'
37-17	S47°45'34"W 1867.43'
26-16	S76°10'03"W 6361.94'
12-20	N20°43'22"W 675.22'
82-20	N82°33'50"W 4685.55'
65-20	N50°47'47"W 4384.75'
81-29	N39°18'38"W 7107.24'
62-19	N67°25'45"E 1836.82'
21-29	N08°28'51"W 5688.13'
78-20	N40°23'35"W 6456.26'
28-20	N12°05'36"W 5008.06'

PLACE OF USE

PARCEL	AREA WITHIN PARCEL
SW 1/4, NW 1/4, SEC. 21	10.90 ACRES
SE 1/4, NW 1/4, SEC. 21	4.71 ACRES
NE 1/4, SW 1/4, SEC. 21	3.66 ACRES
NW 1/4, SW 1/4, SEC. 21	2.77 ACRES
TOTAL	22.04 ACRES

GRAPHIC SCALE

1000 0 500 1000 2000

1 inch = 1000 ft.

LEGEND

FOUND SECTION CORNER AS NOTED

FOUND 1/4 CORNER AS NOTED

PROPOSED WELL

STATE ENGINEER'S USE

80028-80042

FILED
JUL 28 2010
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR INDUSTRIAL (POWER PLANT COOLING) PURPOSES BY PATUA PROJECT, L.L.C. FROM A GEOTHERMAL RESERVOIR SOURCE CHURCHILL AND LYON COUNTIES, NEVADA

80042 80041 80040 80039 80038 80037 80036 80035 80034 80033 80032 80031 80030 80029 80028