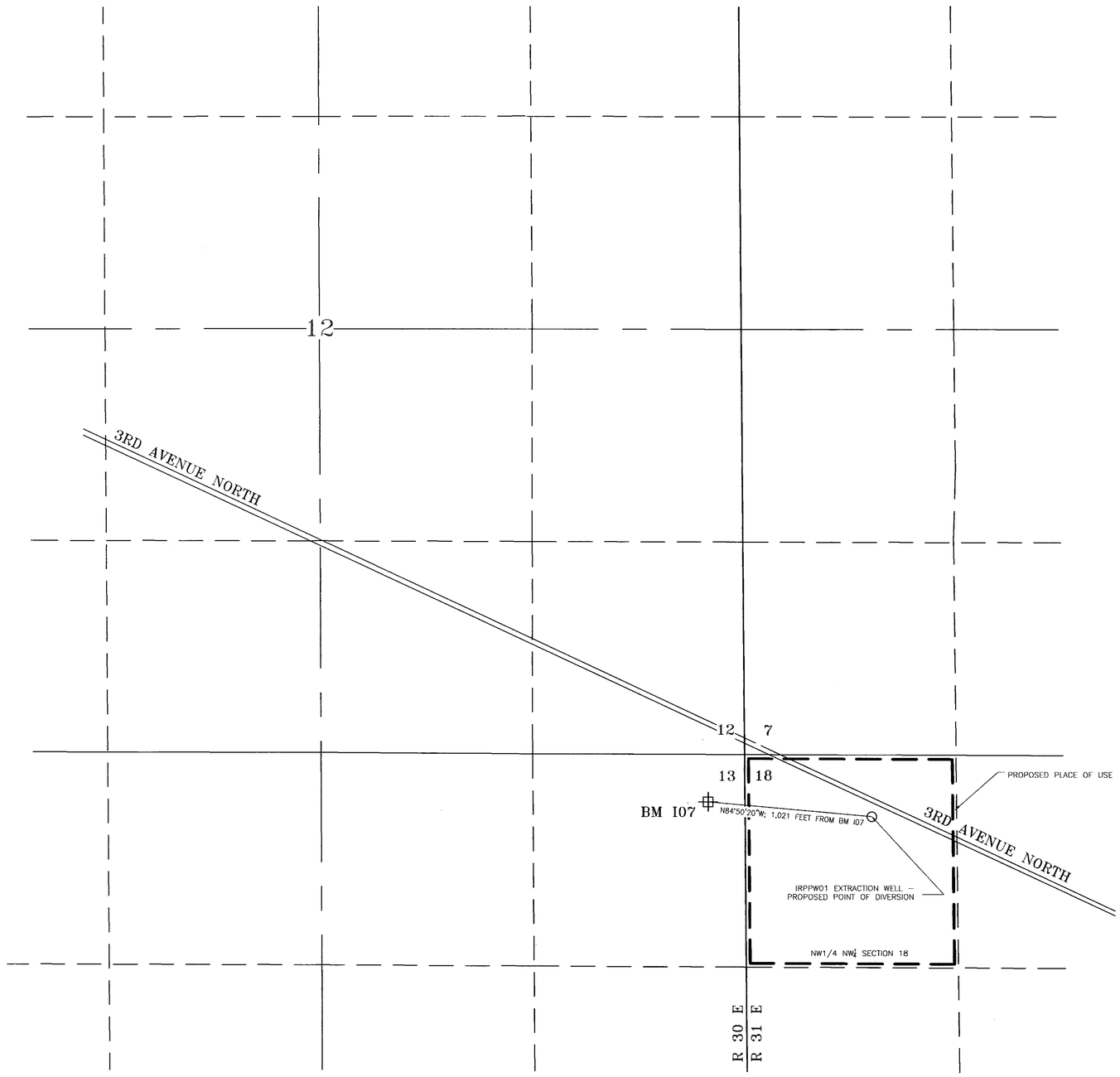

PROPOSED
POINT OF DIVERSION
AND PLACE OF USE
T.8N, R.31E, M.D.B.&M.

PROFESSIONAL ENGINEER STATE OF NEVADA
ROBERT F. LAUDER
Exp. 12-31-05
CIVIL
No. 6801
4-14-04

STATE OF NEVADA, }
CARSON CITY } SS

I, ROBERT F. LAUDER, 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, ON THE FIRST DAY OF APRIL, 2004, AND THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM UNDERGROUND, IN MINERAL COUNTY, NEVADA, BY HAWTHORNE ARMY DEPOT FOR ENVIRONMENTAL CONTROL PURPOSES. THAT THE PROPOSED POINT OF DIVERSION AND PLACE OF USE, ARE FULLY AND CORRECTLY DESIGNATED HEREON.

Robert F. Lauder
STATE WATER RIGHT SURVEYOR No. 789

SUBSCRIBED AND SWORN TO BEFORE ME THIS 14TH DAY OF APRIL, 2004.

Karen Lee Sarratea
SIGNATURE

KAREN LEE SARRATEA
NOTARY PUBLIC - NEVADA
Appt. Recorded in DOUGLAS CO.
No. 99-1046-6 My Appt. Exp. Sept. 26, 2005

NOTARY PUBLIC IN AND FOR CARSON CITY, NEVADA

MY COMMISSION EXPIRES Sept 26 2005

12 | 7
13 | 18 **LEGEND**
NOT FOUND SECTION CORNER

BM I07 BENCH MARK (SEE NOTE 3)

NOTES

1. BASIS OF BEARING IS 1927 NORTH AMERICAN DATUM.
2. REFERENCE MAP IS USGS PROVISIONAL 7.5–MINUTE QUADRANGLE MAP NO. 38118–E5–TF–024, TITLED " HAWTHORNE EAST, NEVADA", DATED 1987, BY UNITED STATES GEOLOGICAL SURVEY.
3. MONUMENT USED FOR ESTABLISHING LOCATION OF POINT OF DIVERSION IS BENCHMARK NO. I07 AS SHOWN ON REFERENCE MAP. THE PHYSICAL DESCRIPTION OF THE BENCH MARK IS: A CONCRETE POST MEASURING 4" X 4" EXTENDING 2' ABOVE GROUND SURFACE WITH METAL CAP: U.S. ARMY CORPS OF ENGINEERS MONUMENT HWAD–I07, SACRAMENTO DISTRICT. UTM COORDS: ZONE 11 362623E, 4269017N.
4. DUE TO DANGEROUS SITE CONDITIONS CREATED BY UNKNOWN LOCATION OF UNEXPLODED ORDINANCE, THE SURVEYOR WAS NOT ABLE TO LOCATE A SECTION CORNER.
5. BENCHMARK AND WELL LOCATIONS WERE DETERMINED BY FIELD SURVEY USING STANDARD THEODOLITE–TYPE OPTICAL SURVEYING EQUIPMENT, AND DOUBLE–CHECKED BY DIGITAL GPS EQUIPMENT.

RFL 4-21-04

NORTH

6. BASIS OF BEARING, BEARINGS TAKEN, POINT OF DIVERSION AND REFERENCE MONUMENT LOCATIONS ARE BASED ON GPS OBSERVATIONS WITH AN ACCURACY OF AT MOST 3 TO 5 METERS.

200 0 400 800 1200
SCALE 1" = 400'

RFL 4-27-04

STATE ENGINEER'S USE
KES 4-27-2004 use of BM I07 as tie to POD approved by RLT.

70992 E

FILED
APR 27 2004
STATE ENGINEER'S OFFICE

PALMER & LAUDER ENGINEERS, INC.
611 N. NEVADA STREET
CARSON CITY, NEVADA 89703
PHONE (775) 884–0479
FAX (775) 884–4226

JOB NUMBER: 040302
SHEET 1 OF 1
DATE: 4/14/04

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR ENVIRONMENTAL CONTROL PURPOSES BY THE HAWTHORNE ARMY DEPOT FROM UNDERGROUND SOURCE IN MINERAL COUNTY, NV

71730 E 70992 E