

# FIRE LINE PLAN NATIONAL WATER WORKS NORTH PHOENIX BRANCH

Parcel #209-03-104 A  
2140 W Williams Drive, Phoenix, Arizona  
SECTION 13, TOWNSHIP 4 NORTH, RANGE 2 EAST OF THE GSRBM, MARICOPA COUNTY, ARIZONA

**LEGAL DESCRIPTION:**

A PORTION OF LOT 5, OF FINAL PLAT OF 23RD AVENUE AND WILLIAMS DRIVE, ACCORDING TO THE PLAT OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF MARICOPA COUNTY, ARIZONA, RECORDED IN BOOK 377 OF MAPS, PAGE 41, LOCATED IN A PORTION OF SECTION 13, TOWNSHIP 4 NORTH, RANGE 2 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, DESCRIBED AS FOLLOWS:

COMMENCING AT THE CENTER OF SAID SECTION 13;

THENCE SOUTH 89 DEGREES 46 MINUTES 02 SECONDS EAST ALONG THE EAST-WEST MID-SECTION LINE OF SAID SECTION 13, FOR A DISTANCE OF 702.32 FEET;

THENCE NORTH 00 DEGREES 12 MINUTES 40 SECONDS WEST, FOR A DISTANCE OF 40.00 FEET, TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF WILLIAMS DRIVE, SAID POINT BEING THE POINT OF BEGINNING;

THENCE CONTINUING NORTH 00 DEGREES 12 MINUTES 40 SECONDS WEST, ALONG THE WEST PROPERTY LINE OF SAID LOT 5, FOR A DISTANCE OF 632.62 FEET TO THE NORTHWEST CORNER OF SAID LOT 5;

THENCE NORTH 75 DEGREES 27 MINUTES 04 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 5, FOR A DISTANCE OF 184.75 FEET;

THENCE SOUTH 00 DEGREES 12 MINUTES 40 SECONDS EAST, FOR A DISTANCE OF 679.76 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF SAID WILLIAMS DRIVE;

THENCE NORTH 89 DEGREES 46 MINUTES 02 SECONDS WEST, ALONG THE NORTH RIGHT-OF-WAY LINE OF SAID WILLIAMS DRIVE, FOR A DISTANCE OF 179.00 FEET TO THE POINT OF BEGINNING.

CONTAINS 2.696 ACRES

2.484 WITHOUT DRAINAGE  
EASEMENT

**FIRELINE NOTES:**

1. ALL CONSTRUCTION TO CONFORM TO MAG SPECIFICATIONS AND DETAILS, CITY OF PHOENIX SUPPLEMENT TO MAG SPECIFICATIONS AND DETAILS, UNLESS MODIFIED ON THE PLANS.

2. THE FOLLOWING MAG DETAILS ARE SPECIFICALLY NOT APPROVED:  
390 CURB STOP WITH FLUSHING PIPE  
391-1 VALVE BOX INSTALLATION

3. COMPACTION SHALL COMPLY WITH MAG SEC. 601, 95% MIN.

4. DEVELOPMENT SERVICES DEPARTMENT'S FIELD INSPECTION GROUP SHALL BE NOTIFIED 48 HOURS BEFORE ANY CONSTRUCTION BEGINS, TELEPHONE (602) 262-7811.

5. APPROVAL OF THESE PLANS SHALL NOT PREVENT THE CITY FROM REQUIRING CORRECTION OF ERRORS IN THE PLANS WHERE SUCH ERRORS ARE SUBSEQUENTLY FOUND TO BE IN VIOLATION OF ANY LAW, ORDINANCE OR OTHER HEALTH/SAFETY ISSUE.

6. A PAVEMENT CUT SURCHARGE MAY BE ASSESSED ON THIS PROJECT FOR TRENCHING OR POTHOLING IN NEW ASPHALT PAVEMENT THAT IS LESS THAN 30 MONTHS OLD. SURCHARGE FEES ASSESSED ARE IN ADDITION TO THE REGULAR PERMIT FEES AND ARE OVER AND ABOVE ANY SPECIAL BACKFILL, COMPACTION AND PAVEMENT REPLACEMENT STIPULATIONS THAT MAY BE IMPOSED AS A CONDITION OF PERMITTING. PAVEMENT CUT SURCHARGE FEES ARE ASSESSED IN ACCORDANCE WITH SECTION 31-38 OF THE PHOENIX CITY CODE.

7. IT IS REQUIRED THAT A FORMAL WRITTEN REQUEST FOR A FIRELINE TURN-ON BE RECEIVED BY CIVIL ENGINEERING OF THE DEVELOPMENT SERVICES DEPARTMENT FROM CITY OF PHOENIX FIRE PREVENTION UPON COMPLETION OF THE FIRELINE WORK. THIS JOB IS NOT COMPLETE UNTIL THIS HAS BEEN DONE AND THE LINE TURNED ON BY THE WATER SERVICES DEPARTMENT.

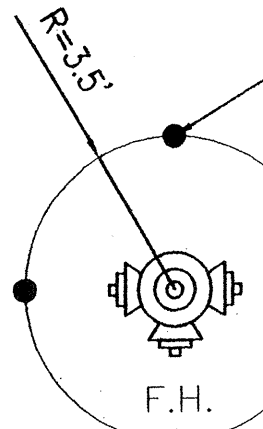
8. FIRELINE CONNECTION TO CITY MAINS SHALL BE USED FOR FIRE PROTECTION SYSTEM ONLY. NO METERED SERVICES CAN BE CONNECTED TO A FIRELINE.

9. ALL PLAN APPROVALS ARE VALID FOR ONE YEAR FROM THE DATE OF SIGNATURE.

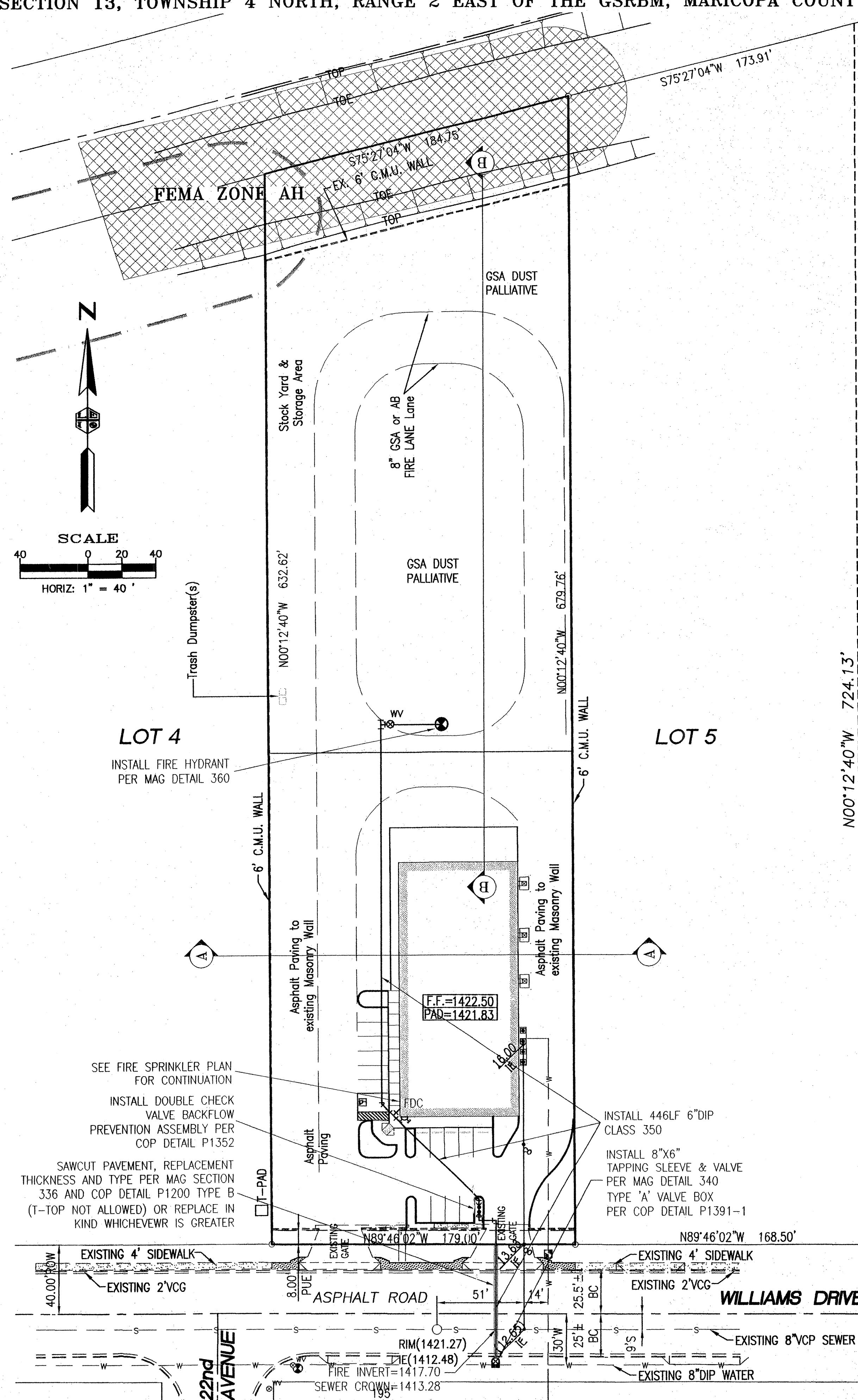
10. ALL WORK MUST COMPLY WITH REQUIREMENTS OF THE CURRENT CITY OF PHOENIX TRAFFIC BARRICADE MANUAL.

11. PAVEMENT REPLACEMENT THICKNESS AND TYPE PER MAG SEC 336, MAG DET 200 TYPE A,B. CURB AND GUTTER REPLACEMENT MINIMUM 1 FULL SECTION PER MAG DET 220. SIDEWALK REPLACEMENT MINIMUM 1 FULL PANEL PER COP. DETAIL P-1230

INSTALL SAFETY POST  
PER COP STD DTL P1359



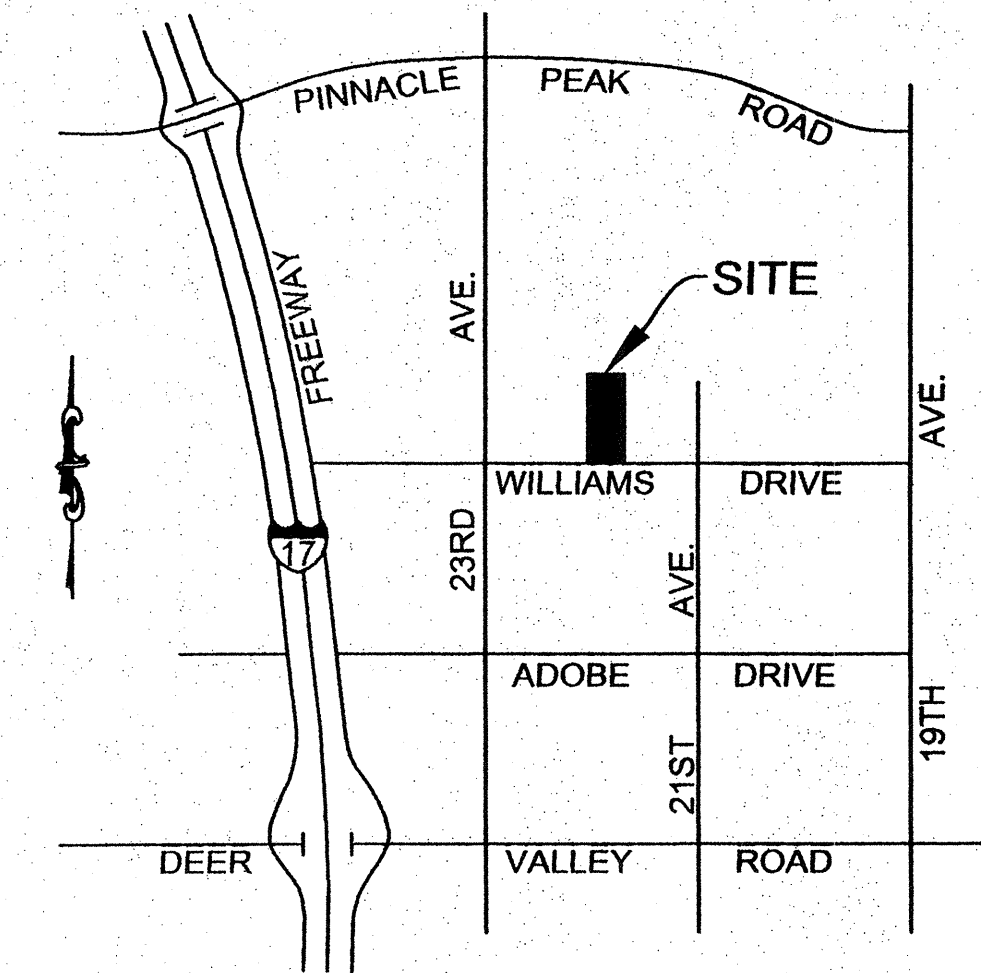
**SAFETY POST LOCATION DETAIL**



**OWNER/BUILDER:**  
YELLOWKNIFE BUILDING SYSTEMS  
TOM PORTER  
815 N. ALAMO CIRCLE  
MESA, ARIZONA 85213  
PH: 480-734-3457

**ENGINEER:**  
LEMME ENGINEERING  
DANIEL BERRYMAN  
3608 W. BETHANY HOME ROAD  
PHOENIX, AZ 85019  
TEL(602)841-6904  
FAX(602)841-6351

**INSTALLATION CONTRACTOR:**



**VICINITY MAP**  
NO SCALE

**LEGEND**

- ⊙ = FOUND BRASS CAP IN HAND HOLE
- ⊕ = FOUND BRASS CAP FLUSH
- ⊗ = FOUND CHISELED "X" ON WALK
- = SET 1/2" REBAR WITH CAP LS 28232
- ⊗ = SET CHISELED "X" ON WALK
- ⊕ = FIRE HYDRANT
- ⊕ = WATER VALVE
- ⊕ = GAS MARKER
- ⊕ = SANITARY SEWER MANHOLE
- ⊕ = SIGN
- ⊕ = TRAFFIC SIGNAL
- ⊕ = STREET LIGHT
- ⊕ = TRANSFORMER PAD
- ⊕ = ELECTRIC BOX
- ⊕ = TELEPHONE RISER
- ⊕ = TREE
- ⊕ = CHAIN LINK FENCE
- ⊕ = DIP WATER LINE
- ⊕ = 8" VCP SEWER LINE
- (M) = MEASURED
- (R) = RECORD MEASUREMENT

**LOT 1**  
OF  
"AHSISAHOALTEEH  
PROPERTIES"  
BOOK 341 OF MAPS,  
PAGE 35, M.C.R.

**FIRELINE QUANTITIES R/W**

- 8" x 8" x 6" TS&V ASSEMBLY.....1 EA
- 6"DIP CLASS 350.....70 LF
- PAVEMENT REPLACEMENT.....10 SY

**FIRELINE QUANTITIES ONSITE**

- 6"DIP CLASS 350.....376 LF
- BFP COP DET P1352.....1 EA
- FIRE HYDRANT ASSEMBLY.....1 EA

**UTILITY CONTACT CERTIFICATION**

I HEREBY CERTIFY THAT ALL UTILITY COMPANIES WITH FACILITIES IN THE AREA OF THIS PROJECT HAVE BEEN CONTACTED AND THE DATA PROVIDED IS SHOWN ON THIS PLAN. I AGREE TO INDEMNIFY, DEFEND, SAVE AND HOLD HARMLESS THE CITY OF PHOENIX, ITS OFFICERS, OFFICIALS, AGENTS, EMPLOYEES AND VOLUNTEERS FROM ANY AND ALL CLAIMS, DEMANDS, ACTIONS, LIABILITIES, DAMAGES, LOSSES, OR EXPENSES INCURRED FOR ANY UTILITY CONFLICTS THAT MAY ARISE.

REGISTERED ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_ REGISTRATION NUMBER \_\_\_\_\_

**APPROVED: FOR THE CITY OF PHOENIX-**  
FOR THAT PORTION IN THE PUBLIC RIGHT-OF-WAY OR PUBLIC  
UTILITY EASEMENT ONLY

COUNTY HEALTH DELEGATE \_\_\_\_\_ DATE \_\_\_\_\_  
DEVELOPMENT SERVICES DEPARTMENT

**KIVA #06-4203**  
**PRE-APP #0604020**  
**QS # 44-24**

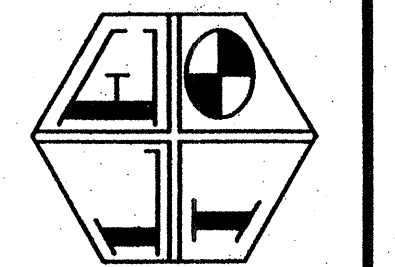
CALL TWO WORKING DAYS  
BEFORE YOU DIG  
**802-263-1100**  
**1-800-STAKE-IT**  
(OUTSIDE MARICOPA COUNTY)

NOTE: THIS MAP OR PLAN IS NOT TO BE USED, RELED UPON, OR CONSIDERED COMPLETE OR READY FOR CONSTRUCTION, UNLESS STAMPED BY A PROFESSIONAL FROM LEMME ENGINEERING.

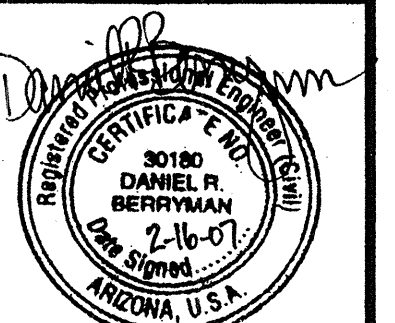
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- PRELIMINARY
- APPROVED

PLANNING - CIVIL ENGINEERING - SURVEYING  
**LEMME ENGINEERING INC.**  
3608 WEST BETHANY HOME ROAD  
PHOENIX, ARIZONA 85019  
PHONE (602) 841-6904 FAX (602) 841-6351



**FIRE LINE PLAN**  
**NATIONAL WATER WORKS**  
**2140 W Williams Drive, Phoenix, AZ**



DESIGNED BY: DB

DRAWN BY:

SCALE:  
HORIZONTAL=1"=40'  
VERTICAL= N/A

SHEET 1 OF 1

DATE 02-16-07

W.O. 06-735