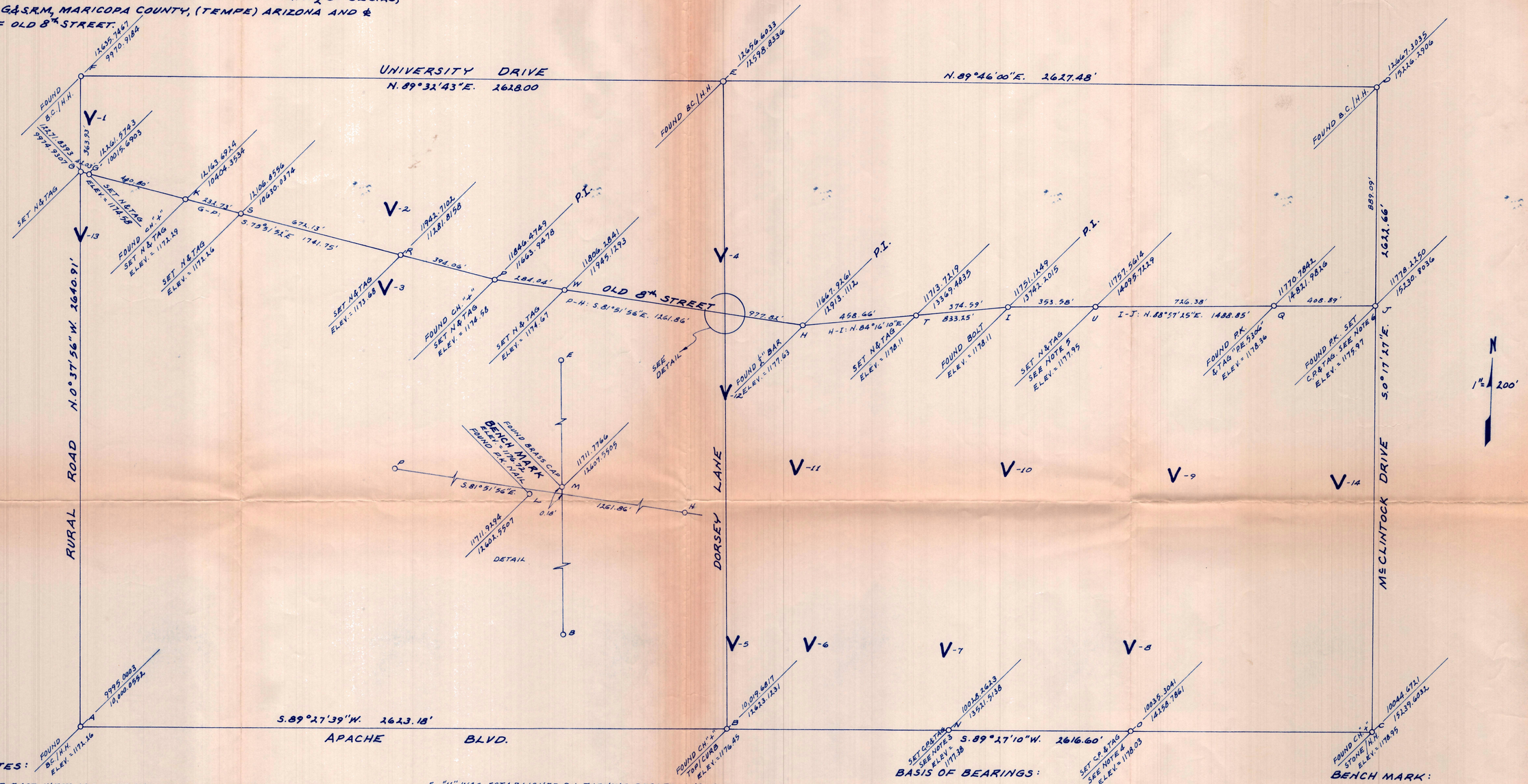
REPORT OF SURVEY

A REPORT OF THE RESULTS OF A SURVEY OF THE NORTH ½ OF SEC. 23, T.1N., R.4E., G&S.R.M., MARICOPA COUNTY, (TEMPE) ARIZONA AND ℄ SURVEY OF OLD 8th STREET.



NOTES:

1. THE EAST-WEST MID-SECTION LINE WAS TRAVERSED ON A LINE OFFSET 5' NORTH. (ALL OFFSET POINTS ARE NAIL & TAG P.E. 5306).

POINT	COORDINATE		
A'	10,000.0000	10,000.0000	
B'	10,024.6815	12,623.0770	
N'	10,033.2621	13521.4660	
O'	10,040.3040	14,258.7514	
C'	10,049.6720	15,239.5778	

2. ADDITIONAL ELEVATIONS:

V-1	1168.51	V-6	1173.77	V-11	1174.40
V-2	1168.70	V-7	1174.57	V-12	1174.81
V-3	1173.72	V-8	1175.23	V-13	1172.78
V-4	1170.43	V-9	1175.95	V-14	1176.46
V-5	1172.34	V-10	1175.23		

3. "N" WAS ESTABLISHED AT A PRO-RATED DISTANCE ALONG B-C, BASED ON RECORD INFORMATION (TOMLINSON ESTATES: 47-36, M.C.R.). NO SURVEY POINT FOUND.

4. "O" WAS ESTABLISHED BY TURNING A RECORD ANGLE FROM UNA-BUTTE BRASS CAP 375'± N/o APACHE BLVD, INTERSECTING LINE B-C. (BORDEN HOMES: 40-3, M.C.R.). NO SURVEY POINT FOUND.

5. "U" WAS ESTABLISHED BY TURNING RECORD ANGLE FROM BRASS CAP AT UNA AVENUE & ORANGE STREET & INTERSECTING LINE J-I. (B-H HOMES: 76-2, M.C.R.). NO SURVEY POINT FOUND.

6. ESTABLISHMENT OF ℄ OF OLD 8th STREET:
TANGENT #1 WAS ESTABLISHED ON THE BASIS OF FOUND CH. "+" AT K, ACCEPTING CH. "+" AT P AS P.I.
TANGENT #2 ACCEPTED A FOUND ½" BAR AT H AS P.I.
TANGENT #3 ACCEPTED A FOUND BOLT AT I AS P.I.
TANGENT #4 ACCEPTED A FOUND PK. AT J AS P.I. I SET THIS PK. IN OCT. 1972 AS PART OF A BOUNDARY SURVEY FOR TEMPE WELDING & CRANE. THIS PK. WAS PULLED, AND A C.P.&TAG WAS SET.

BASIS OF BEARINGS:

THE BEARING "S.89°46'W." SHOWN ON THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 23 AS SHOWN ON G.L.O. MAP OF T1N, R4E BY W.F. INGALLS DATED OCT. 1868 WAS USED AS THE BASIS OF BEARINGS FOR THIS MAP.

ENGINEER'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A FIELD SURVEY PERFORMED BY MYSELF IN JAN. 1983. THE EXISTING FIELD MONUMENTATION IS SUFFICIENT TO PERMIT THE SURVEY TO BE RETRACED.

William J. Norman 11 JAN. 83

REGISTERED PROFESSIONAL ENGINEER (CIVIL) CERTIFICATE NO. 9969 WILLIAM J. NORMAN ARIZONA, U.S.A. 8/30/85

BENCH MARK:

BRASS CAP AT DORSEY LANE & OLD 8th STREET.
ELEV. = 1176.72
THIS B.C. IS T.B.M. #4 ON CITY OF TEMPE PROJECT # 74042, REPRESENTING CITY OF TEMPE B.M. #69, NOW DESTROYED.

PREPARED FOR:

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T.M.A./G.W.E. N½ SEC. 23, T.1N., R.4E.