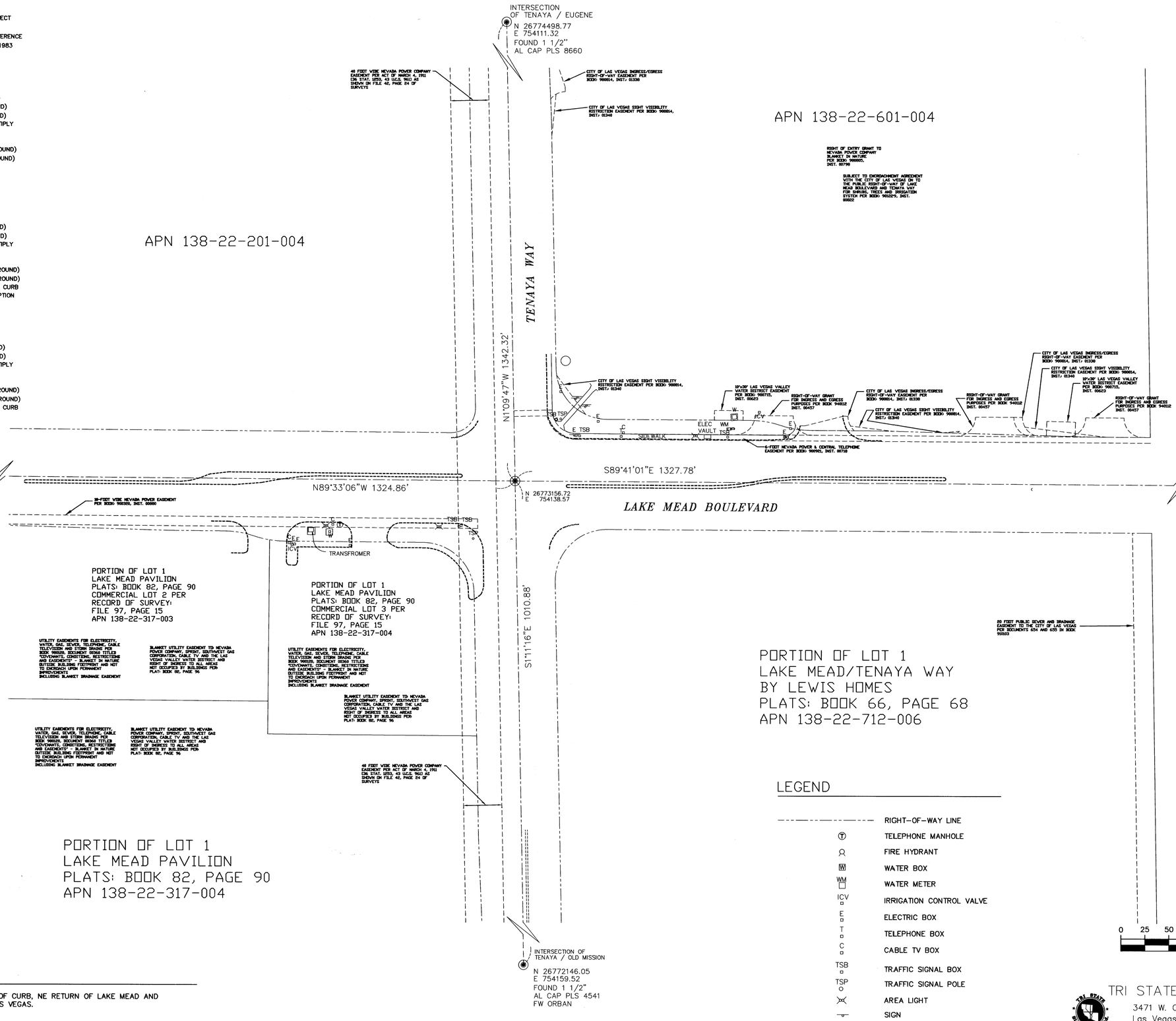
BASIS OF BEARING

THE BASIS OF BEARINGS, S. 86°08'57" W., FOR THIS PROJECT WAS DETERMINED BY STATIC GLOBAL POSITIONING SYSTEM OBSERVATIONS REFERENCED TO THE WORLD GEODETIC REFERENCE SYSTEM OF 1984 (WGS 84) NOTH AMRERICAN DATUM OF 1983 (NAD 83) BY THE FOLLOWING STATIONS:

GIS 818
- NORTHING 8,161,280.028 (METERS-GRID)
- EASTING 232,336.621 (METERS-GRID)
- AS SHOWN ON RECORD OF SURVEY: FILE 88, PAGE 53
- NORTHING 26,775,799.558 (U.S. SURVEY FEET-GRID)
- EASTING 762,257.731 (U.S. SURVEY FEET-GRID)
- TO PROJECT TO THE GROUND EQUIVALENT VAULE MULTIPLY BY THE PROJECT MEAN INVERSE CONBINE FACTOR OF 1.000202956
- NORTHING 26781233.866 (U.S. SURVEY FEET-GROUND)
- EASTING 762412.437 (U.S. SURVEY FEET-GROUND)
- DESCRIPTION: 2-INCH BRASS CAP SET IN THE TOP OF CURBISLAND ON JONES NORTH OF SMOKE RANCH

GIS 819
- NORTHING 8,161,613.437 (METERS-GRID)
- EASTING 227,383.228 (METERS-GRID)
- AS SHOWN ON RECORD OF SURVEY: FILE 88, PAGE 17
- NORTHING 26,776,893.418 (U.S. SURVEY FEET-GRID)
- EASTING 746,006.474 (U.S. SURVEY FEET-GRID)
- TO PROJECT TO THE GROUND EQUIVALENT VAULE MULTIPLY BY THE PROJECT MEAN INVERSE CONBINE FACTOR OF 1.000202956
- NOTHING 26,782,327.951 (U.S. SURVEY FEET-GROUND)
- EASTING 746,157.884 (U.S. SURVEY FEET-GROUND)
- DESCRIPTION: 2-INCH CAP SET IN TOP OF CONCRETE CURB NORTH EAST CORNER OF RAMPART AND POINT CONCEPTION

GIS 923
- NORTHING 8,156,377.022 (METERS-GRID)
- EASTING 227,813.427 (METERS-GRID)
- AS SHOWN ON RECORD OF SURVEY: FILE 88, PAGE 17
- NORTHING 26,759,713.613 (U.S. SURVEY FEET-GRID)
- EASTING 747,417.886 (U.S. SURVEY FEET-GRID)
- TO PROJECT TO THE GROUND EQUIVALENT VAULE MULTIPLY BY THE PROJECT MEAN INVERSE CONBINE FACTOR OF 1.000202956
- NOTHING 26,765,144.657 (U.S. SURVEY FEET-GROUND)
- EASTING 747,569.579 (U.S. SURVEY FEET-GROUND)
- DESCRIPTION: 2-INCH CAP SET IN TOP OF CONCRETE CURB NORTH OF CHARLESTON, .34 MILES EAST OF DURANGO



BENCH MARK

BENCH MARK IS A RIVET & PLATE IN TOP OF CURB, NE RETURN OF LAKE MEAD AND TENAYA. STAMPED OLV00 22C4 CITY OF LAS VEGAS.
NAVD88 DATUM METERS 725.709
NAVD88 DATUM FEET 2380.93

LEGEND

- RIGHT-OF-WAY LINE
- TELEPHONE MANHOLE
- FIRE HYDRANT
- WATER BOX
- WATER METER
- IRRIGATION CONTROL VALVE
- ELECTRIC BOX
- TELEPHONE BOX
- CABLE TV BOX
- TRAFFIC SIGNAL BOX
- TRAFFIC SIGNAL POLE
- AREA LIGHT
- SIGN
- CENTERLINE MONUMENT

TRI STATE SURVEYING, LTD
3471 W. Oquendo Road, Sutie 102
Las Vegas, Nevada 89115
(702) 222-0986 * FAX # 895-9652
Land Information Solutions

REVISIONS

NO.	DATE:	DESCRIPTION	APP'D

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION
CITY OF LAS VEGAS NEVADA

CITY ENGINEER: CHARLES KALKOWSKI JR, P.E.
PROJECT MANAGER: TOM HAYES, P.E.
DESIGNED BY:
DRAWN BY:
CHECKED BY:
HORIZONTAL SCALE: AS SHOWN
VERTICAL SCALE: NONE
DATE: 11/05/03

TITLE: MODIFICATION OF LAKE MEAD BLVD AND TENAYA WAY INTERSECTION
SHEET: CONTROL PLAN

PROFESSIONAL LAND SURVEYOR
BRETT K. JEFFERSON
Exp: 6-30-05
No. 8421
STATE OF NEVADA
11-13-03

Sheet 3
3 of 15

DRAWING NO. 107-V3794

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