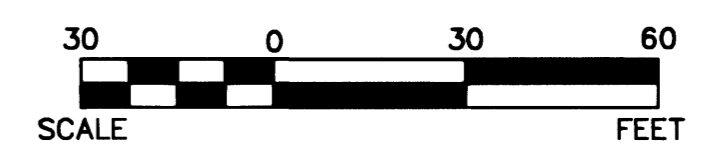


**GEOTECHNICAL EVALUATION**  
 PREPARED BY: NINYO & MOORE GEOTECHNICAL AND ENVIRONMENTAL SCIENCES CONSULTANTS 3155 EAST PATRICK LANE, SUITE 12 LAS VEGAS, NEVADA 89120 PROJECT NO.: 300731-01 DATED: JANUARY 29, 2001

**SOIL NOTE**  
 LAYERS OF DRY, MODERATELY HARD TO VERY HARD, MODERATELY TO STRONG CEMENTED SOILS (CALICHE) WERE ENCOUNTERED BY BORINGS DONE BY NINYO & MOORE GEOTECHNICAL AND ENVIRONMENTAL SCIENCES CONSULTANTS. SEE GEOTECHNICAL EVALUATION

FOR CONSTRUCTION WITHIN RIGHT-OF-WAY SEE SHEET C-8, PLAN AND PROFILE FOR WASHINGTON AVENUE.



SCALE: 1" = 30'

**NOTE**  
 [Hatched box symbol] SIGHT VISIBILITY RESTRICTION ZONE SEE SHEET C-5 FOR SVRZ INFORMATION  
 NO WALLS, FENCES, TREES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT, OTHER THAN TRAFFIC CONTROL DEVICES AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR INSTALLED WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24 INCHES IN HEIGHT MEASURED FROM TOP OF CURB, OR WHERE NO CURB EXIST, A HEIGHT OF 27 INCHES MEASURED FROM THE TOP OF ADJACENT ASPHALT, GRAVEL OR PAVEMENT STREET SURFACE.

**BENCHMARK**  
 CITY OF LAS VEGAS STATION: 0LV00 28SEE6, BEING A RIVET & PLATE, NEVADA POWER VAULT #TT-639, 7651 SUMMERLIN PARKWAY ELEV. 2489.56 FEET NAVD88

**DIMENSIONS NOTES**  
 ALL DIMENSIONS ARE TO THE BACK OF CURB UNLESS NOTED OTHERWISE.

**BASIS OF BEARING**  
 S 88°57'35" W BEING THE NORTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 28, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, NEVADA, AS PER RECORD OF SURVEY FILE 74, PAGE 28 OF CLARK COUNTY OFFICIAL RECORDS, SAID LINE ALSO BEING THE CENTERLINE OF WASHINGTON AVENUE.

Avoid cutting underground utility lines. It's costly.

**Call before you Dig.**  
 1-800-227-2600  
 UNDERGROUND SERVICE (USA)

Avoid hitting overhead power lines. It's costly.

**CALL BEFORE YOU DO OVERHEAD**

1-702-593-6111

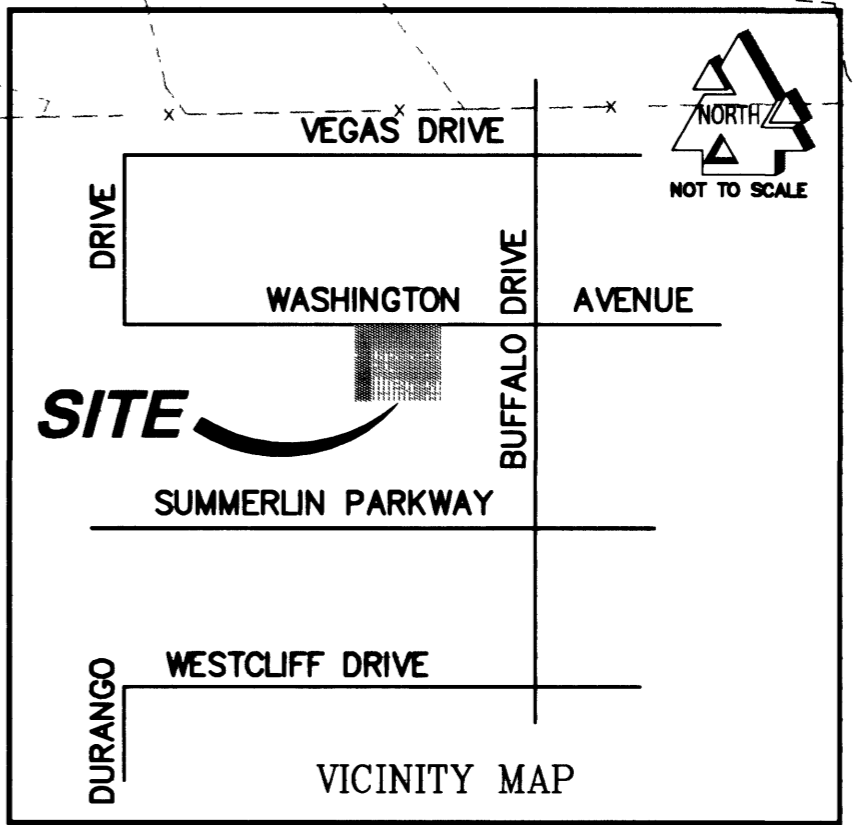
**DISCLAIMER NOTE**  
 UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

"I CERTIFY THAT THE GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS FOR THIS PROJECT."

*Allen E. Pavelka* 9-26-01  
 ALLEN E. PAVELKA, P.E. DATE  
 NO. 9029

**LEGEND & ABBREVIATIONS**

|                             |                             |
|-----------------------------|-----------------------------|
| Centerline                  | CENTERLINE                  |
| Property line               | PROPERTY LINE               |
| Existing contour            | EXISTING CONTOUR            |
| Design elevation            | DESIGN ELEVATION            |
| Existing elevation          | EXISTING ELEVATION          |
| Asphaltic concrete pavement | ASPHALTIC CONCRETE PAVEMENT |
| Angle point                 | ANGLE POINT                 |
| Edge of pavement            | EDGE OF PAVEMENT            |
| Finish floor                | FINISH FLOOR                |
| Finish grade                | FINISH GRADE                |
| Flow line                   | FLOW LINE                   |
| High point                  | HIGH POINT                  |
| Top of curb                 | TOP OF CURB                 |
| Toe of slope                | TOE OF SLOPE                |
| Top of sidewalk             | TOP OF SIDEWALK             |
| TC                          | TC                          |
| AC                          | AC                          |
| AP                          | AP                          |
| EOP                         | EOP                         |
| FF                          | FF                          |
| FG                          | FG                          |
| FL                          | FL                          |
| HP                          | HP                          |
| TC                          | TC                          |
| TOE                         | TOE                         |
| TOP                         | TOP                         |
| SW                          | SW                          |



- CONSTRUCTION NOTES**
- CONSTRUCT 24" "L" TYPE CURB & GUTTER PER USD NO. 216 (SEE SHEET C-14).
  - CONSTRUCT "A" TYPE CURB PER DETAIL 1 SHEET C-11.
  - CONSTRUCT CONCRETE PAVEMENT PER DETAIL 2 SHEET C-11.
  - CONSTRUCT VALLEY GUTTER PER DETAIL 3 SHEET C-11.
  - CONSTRUCT 4" CONCRETE SIDEWALK (5') PER USD NO. 234 (SEE SHEET C-14).
  - CONSTRUCT SIDEWALK RAMP PER USD NO. 235. (CASE 1, A=8', B=8' UNLESS OTHERWISE NOTED) (SEE SHEET C-14).
  - CONSTRUCT COMMERCIAL DRIVEWAY PER USD NO. 222A (SEE SHEET C-14).
  - CONSTRUCT BUS STOP LOADING PAD PER USD NO. 234.2 (SEE SHEET C-16).
  - BUS SHELTER PAD TO BE CONSTRUCTED BY OTHERS.
  - PROPOSED LANDSCAPING - SEE LANDSCAPE PLAN.

|          |          |
|----------|----------|
| PROJ NO: | AZ01002  |
| DESIGN:  | RAC/LG   |
| DATE:    | 09/26/01 |
| SCALE:   | AS SHOWN |
| FILE:    | FS44_07  |

PROFESSIONAL ENGINEER - STATE OF NEVADA  
 ALLEN E. PAVELKA  
 No. 9029  
 STAMP DATE: 9-26-01

**AZTEC ENGINEERING**  
 3320 N Buffalo Dr. # 106, Las Vegas, NV 89129  
 Tel (702) 396-3426 Fax (702) 396-3758  
 Email: aztec@azteceng.com

**CITY OF LAS VEGAS**  
 FIRE STATION NO. 44  
 GRADING PLAN

SHEET  
**C-7**  
 7 OF 20 SHEETS  
 CLV DRAWING NO.  
**630.97**