

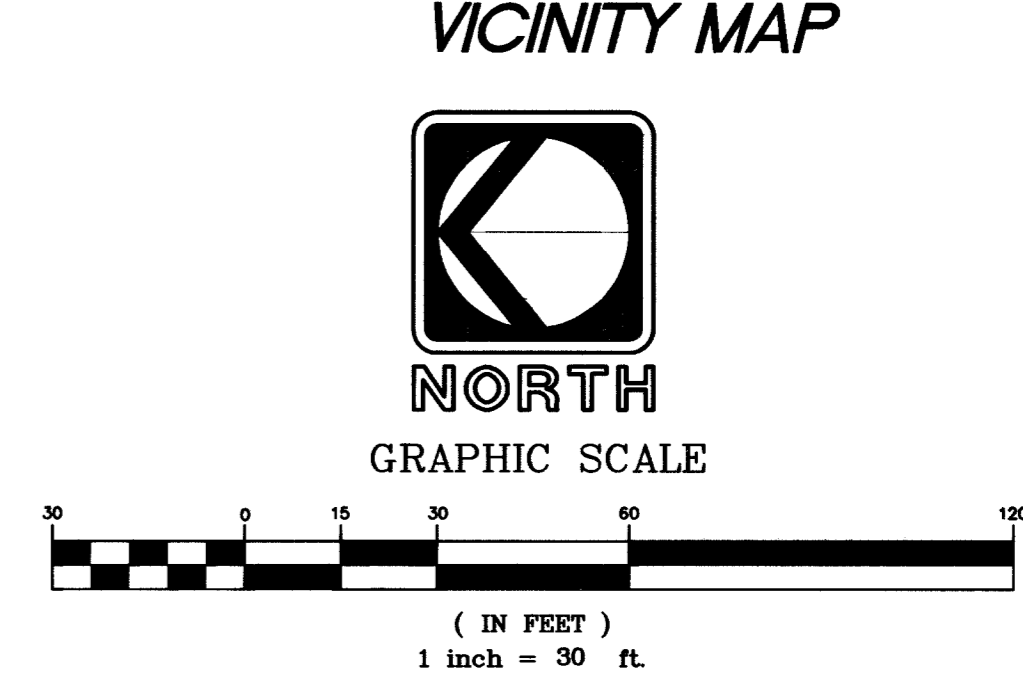
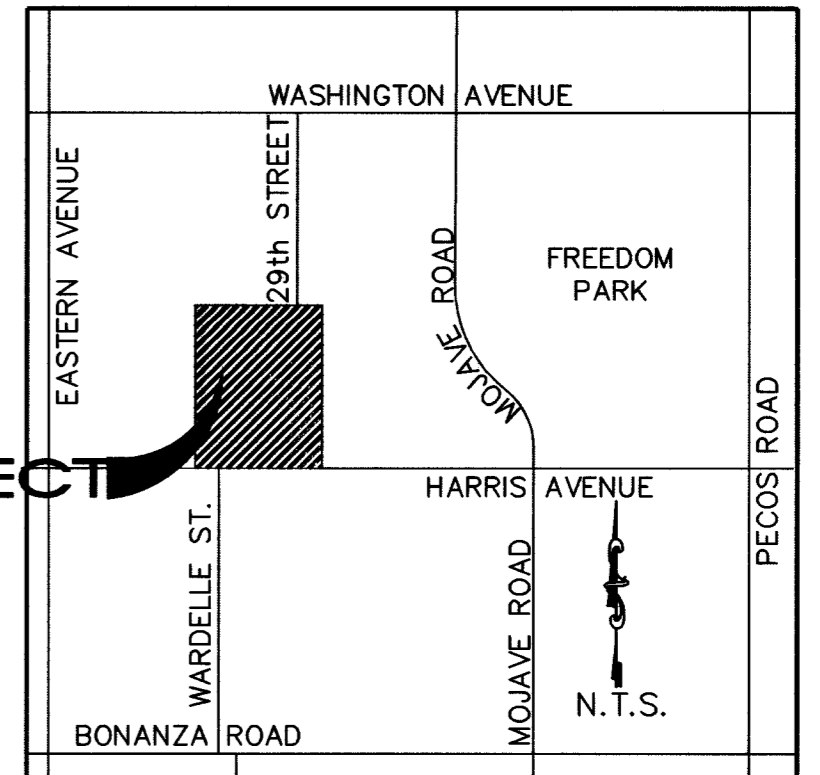
NO.	DATE	DESCRIPTION
1	3/18/04	SAVING REMAINS & REFERENCE TO EX. AC. PLAN/MAINT
2	3-23-04	DATE
3	1/08	APPROVAL

**TKC**  
The Keith Companies

444 East Warm Springs Road, Suite 110, Las Vegas, Nevada 89119  
Phone (702) 263-8206 Fax (702) 263-8229  
Web Resources: Land Planning Civil Engineering Land Surveying Mapping Environmental Services

**FRONTIER GIRL SCOUT COUNCIL HEADQUARTERS BUILDING**

SHEET DESCRIPTION:  
JOB # 51392.01  
SHEET NO.: **GP01**  
5 OF 6 SHEETS  
CLV# 10703727



- ENGINEERS NOTES:**
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THE CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD THE DESIGN PROFESSIONAL HARMLESS FROM ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
  - THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND DIMENSIONS, AND SHALL NOTIFY THE ENGINEER OF ALL DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORK.
  - USE NO.'S REFER TO THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST EDITION (UNLESS OTHERWISE NOTED).
  - EXISTING GROUND PROFILE AND TOPOGRAPHIC INFORMATION ON THESE DRAWINGS WAS OBTAINED FROM A TOPOGRAPHIC SURVEY PERFORMED ON 02/04/00 BY THE KEITH COMPANIES, INC.
  - ADD 1800 TO ALL ELEVATIONS ON THESE DRAWINGS TO GET ACTUAL ELEVATION.
  - FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE-HALF (1/2) INCH ABOVE THE TOP OF GUTTER.
  - SEE ARCHITECTURAL PLANS FOR COMPLETE INFORMATION AND LOCATIONS RELATING TO HANDICAP ACCESSIBILITY, RAMP DETAILS, TRANSFORMERS, AND TRASH ENCLOSURES. VERIFY BUILDING DIMENSIONS WITH ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.
  - THE CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
  - SEE LANDSCAPE PLANS FOR LANDSCAPING AND ONSITE IRRIGATION.

**GRADING LEGEND:**

	EXISTING	PROPOSED
RIGHT OF WAY/PROPERTY LINE	---	---
CENTERLINE	---	---
EASEMENT LINE	---	---
POWER LINE(OVERHEAD)	(P)	P
TELEPHONE LINE	(T)	T
POWER/TELEPHONE POLE	⊕	⊕
FIRE HYDRANT	⊕	⊕
RETAINING/SCREEN WALL	---	---
FENCE	X-X	X-X
TRASH ENCLOSURE	(T)	(T)
ELEVATION TAGS	(30.00)	(30.00)
ELEVATION TAGS (PROPOSED BY OTHERS)	FS	FS
SLOPE	(2.0%)	2.0%
SCARPS	YYYYYY	YYYYYY
FLOWLINE	---	---
CONTOUR (HIGH)	(1900)	1900
CONTOUR (LOW)	(1897)	1897
EASEMENT	---	---

**NOTE:**  
ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY TERRACON DATED MARCH 21, 2000 PROJECT NO. 64005077.

**LEGAL DESCRIPTION**  
A PORTION OF THE SOUTH HALF(S 1/2) OF THE NORTHEAST QUARTER(NE 1/4) OF THE SOUTHWEST(SW 1/4) OF SECTION 25, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA.

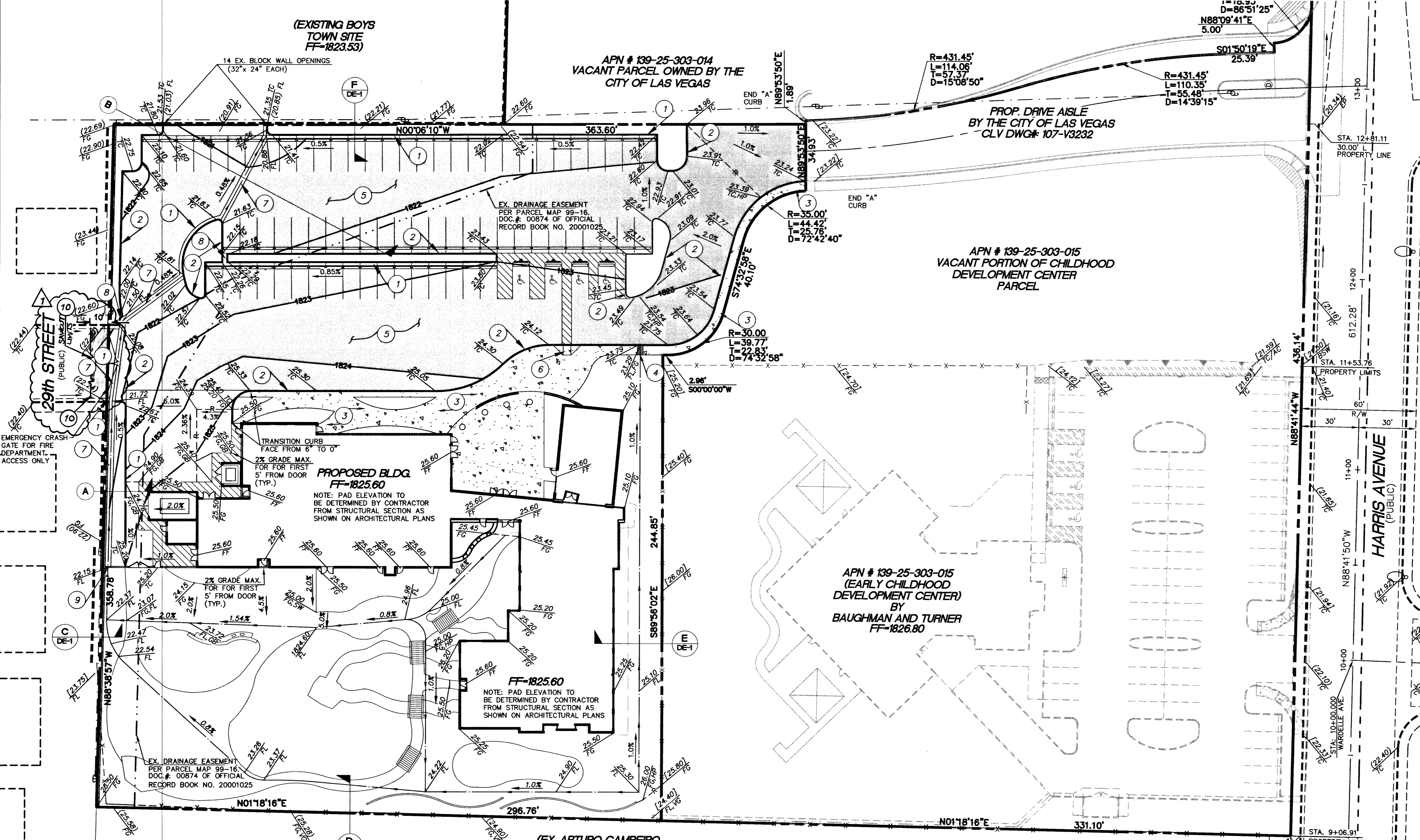
ALSO DESCRIBED AS A PORTION OF LOT 2 AS SHOWN BY MAP THERE ON FILE IN FILE 83, PAGE 38 OF PARCEL MAPS IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE.

**BASIS OF BEARINGS**  
THE SOUTH LINE OF THE NORTH HALF(N 1/2) OF THE SOUTHWEST QUARTER(SW 1/4) OF SECTION 25, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M. BEING N88°52'45"W AS SHOWN BY MAP THERE ON FILE IN FILE 83, PAGE 38 OF PARCEL MAPS IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE.

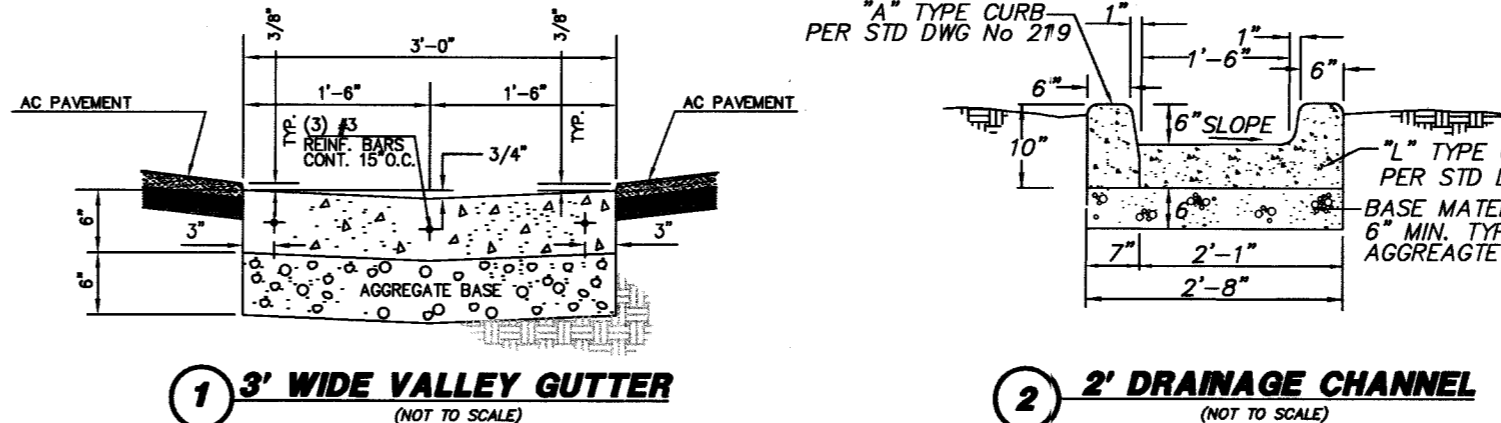
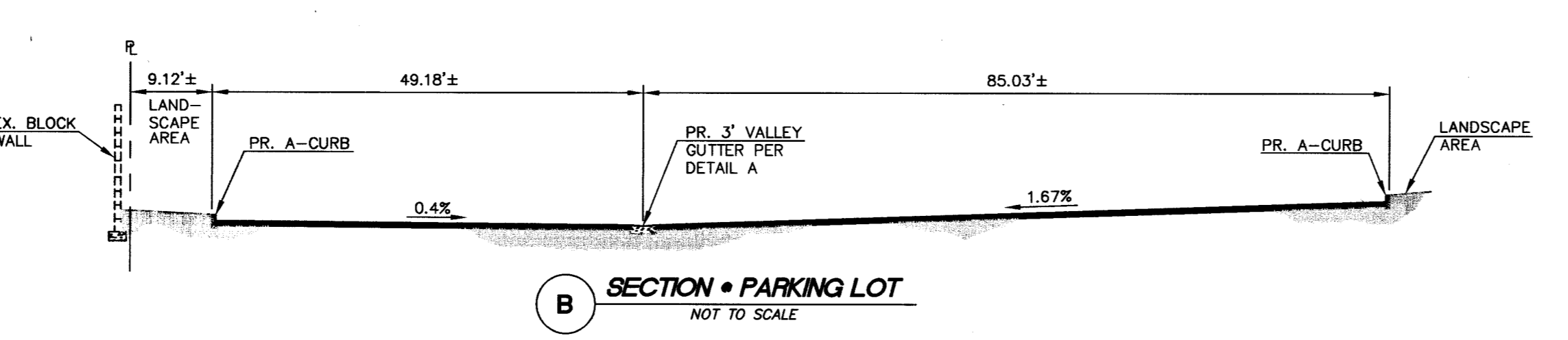
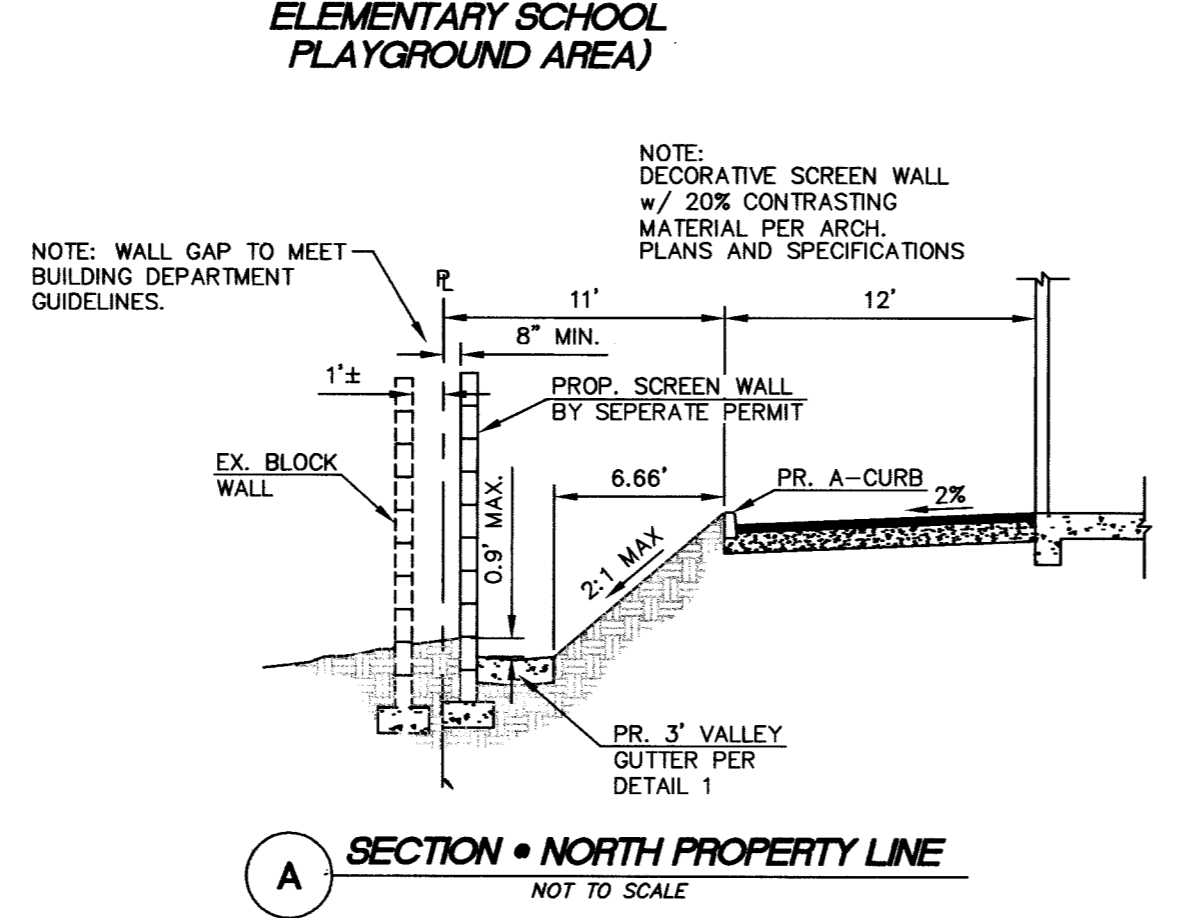
**BENCHMARK**  
A CITY OF LAS VEGAS BENCHMARK BEING A RIVET & PLATE IN TOP OF CURB, NE CORNER OF EASTERN AVENUE AND HARRIS AVENUE, T20S, R61E.

BENCHMARK: 2LV01, 25SW6  
ELEV.=1840.76 (NAVD88)  
= 561.0642 m (NAVD88)

CONVERSION FACTOR: METERS x (3937/1200) = US SURVEY FEET



- CONSTRUCTION NOTES**
- | No. | ITEM   |
|-----|--|
| 1   | INSTALL "L" TYPE CURB & GUTTER PER CC AREA STD. DWG. NO. 216                   |
| 2   | INSTALL "A" TYPE CURB PER CC AREA STD. DWG. NO. 219                            |
| 3   | INSTALL 4" SIDEWALK PER CC AREA STD. DWG. NO. 234                              |
| 4   | INSTALL 2" SIDEWALK UNDERDRAIN PER CC AREA STD. DWG. NO. 236                   |
| 5   | CONSTRUCT 3" MIN. A.C. OVER 6" TYPE II AGG. BASE                               |
| 6   | INSTALL SIDEWALK RAMP PER USD 235, CASE 1                                      |
| 7   | INSTALL 3" WIDE VALLEY GUTTER PER DETAIL 1 (THIS SHEET)                        |
| 8   | INSTALL 2" WIDE DRAINAGE CHANNEL PER DETAIL 2 (THIS SHEET)                     |
| 9   | PROVIDE 8" HIGH x 16" WIDE BLOCK WALL OPENING                                  |
| 10  | CONSTRUCT 2" MIN. A.C. PAVEMENT OVER 4" TYPE II, OVER 6" TYPE I AGGREGATE BASE |



**NOTE:**  
SEE DE-1 FOR SECTIONS C-F

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

MARK V. WEBER, P.E. NO. 15519  
DATE: 6/17/03

**EARTHWORK QUANTITIES**  
\*NOTE: THESE QUANTITIES ARE APPROXIMATE AND ARE RAW VOLUMES ONLY. OVEREXCAVATION, SUBSIDENCE, SHRINKAGE, AND BULKING FACTORS ARE NOT TAKEN INTO ACCOUNT.

CUT	= 6107 CY
FILL	= 396 CY
NET	= 5751 CY CUT

**Call before you Dig.**  
1-800-227-2600

**Call before you OVERHEAD**  
1-702-593-6111

NEVADA POWER OVERHEAD AND SAFETY SERVICES DEPARTMENT

34159 6/17