

**LEGEND**

---	PROPERTY LINE
---	STREET CENTERLINE
---	LEASE BOUNDARY LINE
---	EXISTING IMPROVEMENTS
---	EXISTING CONTOUR
[FF=98.63]	FUTURE FINISH FLOOR ELEV.
FF=98.63	PROPOSED FINISH FLOOR ELEV.
FL	FLOW LINE
FG	FINISHED GRADE
TC	TOP OF CURB
---	SWALE
GB	GRADE BREAK
---	EXISTING WATER LINE
---	PROPOSED WATER LINE
---	EXISTING SEWER LINE
---	PROPOSED SEWER LINE
---	EXISTING MANHOLE
---	PROPOSED MANHOLE
---	CONCRETE
---	ACCESS WALKWAY

**ABBREVIATIONS**

BC STA	BACK OF CURB STATION	H	NORTH
BOR	BACK OF CURB RETURN	OC	ON CURVE
BVC	BEGIN VERTICAL CURVE	PC	POINT OF CURVATURE
C	CENTERLINE	PI	POINT OF INTERSECTION
CI	CENTERLINE INTERSECTION	PT	POINT OF TANGENCY
E	EAST	S	SOUTH
ENC	END VERTICAL CURVE	TC	TOP OF CURB
FG	FINISH GRADE	VC	VERTICAL CURVE
FL	FLOW LINE	W	WEST
GB	GRADE BREAK	HC	HANDICAP
HP	HIGH POINT	AC	ASPHALTIC CONCRETE
INVERT	INVERT	CF	CURB FACE
MVC	MIDDLE OF VERTICAL CURVE	DRW	DRIVEWAY
EX	EXISTING		
SL	STREET LIGHT		

- CONSTRUCTION NOTES**
- CONSTRUCT "A" TYPE CURB PER U.S.D. STD. 219/DETAIL K-6
  - CONSTRUCT 24" "L" TYPE CURB AND GUTTER PER U.S.D. STD. 216/SEE DETAIL H-8
  - CONSTRUCT 2" WIDE CONCRETE CURB OPENING PER DETAIL D-8
  - CONSTRUCT CONCRETE PLANTER CURB PER DETAIL J-8
  - CONSTRUCT PAVEMENT PER TYPICAL PAVEMENT SECTION SHEET 6 OF 7
  - CONSTRUCT DRIVEWAY PER USD STD 225 WITH GEOMETRICS OF 222A
  - CONSTRUCT HANDICAP RAMP PER NDOT STA R-5.1.1.1 (613)
  - CONSTRUCT 8' VALLEY GUTTER PER USD No. 228
  - SIGNAGE PER ADA - SEE DETAILS, SHEET 7 OF 7 AND ADA ACCESS PLAN SHEET 3 OF 7
  - CONSTRUCT TRASH ENCLOSURE PER DETAIL M-8
  - CONSTRUCT HANDICAP RAMP PER USD No. 235 CASE II
  - CONSTRUCT BUS PAD PER C.C. AREA STD. DWG. 234.2
  - CONSTRUCT PCC MEDIUM ISLAND CURB PER USD STD. 218
  - SAW-CUT AND REMOVE EXIST AC PAVEMENT AND CURB (MIN. 12')

- ENGINEER'S NOTES**
- SEE ARCHITECT'S PLANS FOR ADDITIONAL HANDICAP ACCESSIBILITY INFORMATION AND DETAILS.
  - THE PROPOSED A.C. GRADES ARE 0.5' LOWER THAN TOP OF CURB GRADES UNLESS OTHERWISE NOTED.
  - CONTRACTOR TO VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION.
  - CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
  - SEE LANDSCAPE PLANS FOR LANDSCAPING AND ON-SITE IRRIGATION. CONTRACTOR TO PROTECT EXISTING LANDSCAPING.
  - SEE DETAIL SHEET FOR ON-SITE PAVEMENT SECTIONS. CONTRACTOR TO VERIFY WITH SOILS REPORT.
  - ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
  - THESE PLANS SHALL NOT BE PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES.

NO.	DESCRIPTION	DATE	APP'D

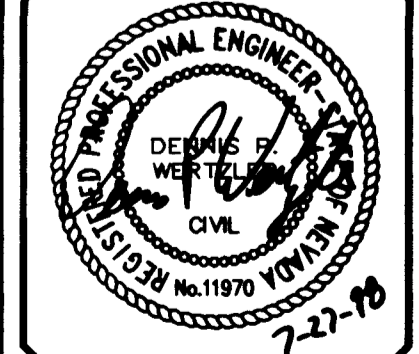
**MR. FRED SMITH**  
 1901 SKI SLOPE CIRCLE  
 LAS VEGAS, NEVADA 89117  
 (702) 255-5446

**PENTACORE**  
 CIVIL ENGINEERING - LAND SURVEYING - PLANNING  
 CONSULTING  
 2875 WEST CHARLESTON BOULEVARD  
 LAS VEGAS, NEVADA 89102 (702) 258-0115

**GRADING PLAN**

**PECCOLE CAR WASH**

DATE: 5/26/98  
 PM: C. SPITZ  
 DESIGNED BY: J. PECK  
 CHECKED BY: J. PECK  
 ADA CHECKED: J. PECK  
 JOB NO.: 0050.0222  
 SCALE: 1" = 30'



SHEET **5** OF 7  
 C.L.V. DWG.# 107-V2.863

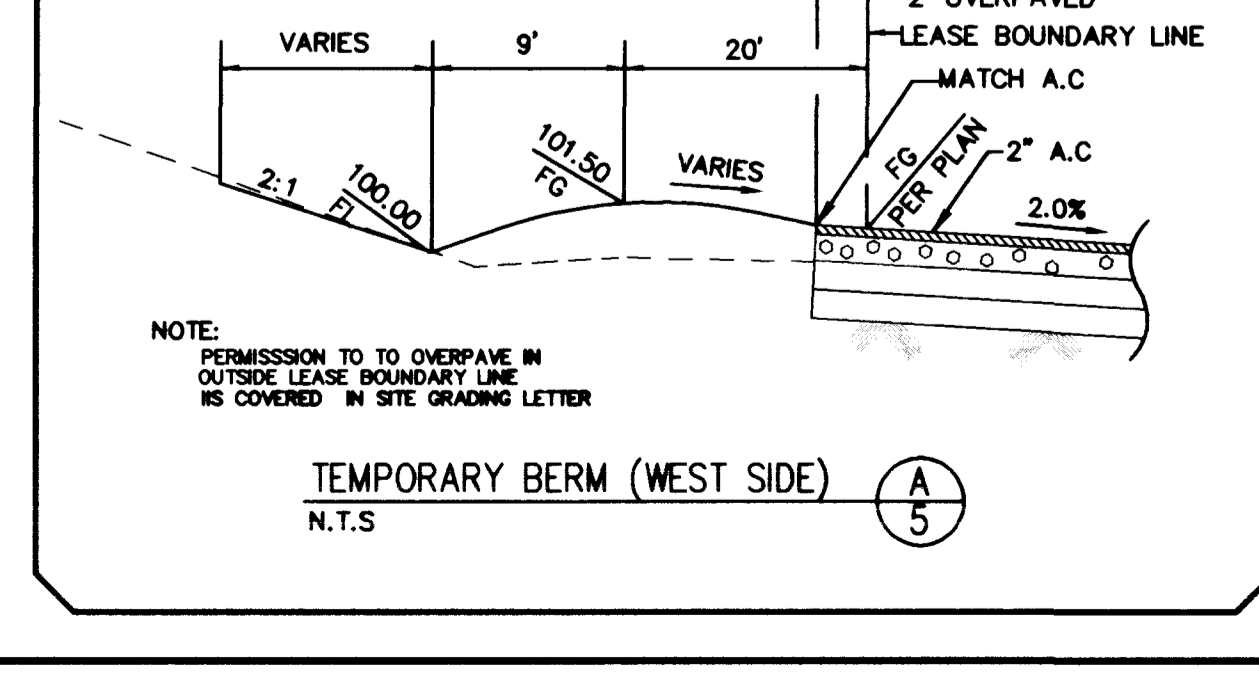
**BENCHMARK**  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929 (DATUM USED)  
 OLVO0315SW6, RIVET & PLATE IN TOP OF CURB ON CHARLESTON BLVD.  
 1500 WEST OF GRAND CANYON DRIVE, NORTH CURB LINE AT DROP INLET.  
 CITY OF LAS VEGAS DATUM  
 ELEVATION = 2865.191  
 (FOR CONVERSION TO 1988 DATUM, ADD 2.48')

**TEMPORARY BENCHMARK**  
 2" BRASS CAP STAMPED "PLS 5094", SET IN ASPHALT  
 AT THE INTERSECTION OF CHARLESTON BLVD. AND RAMPART AVE.  
 ELEVATION = 2744.34 (NGVD 29)

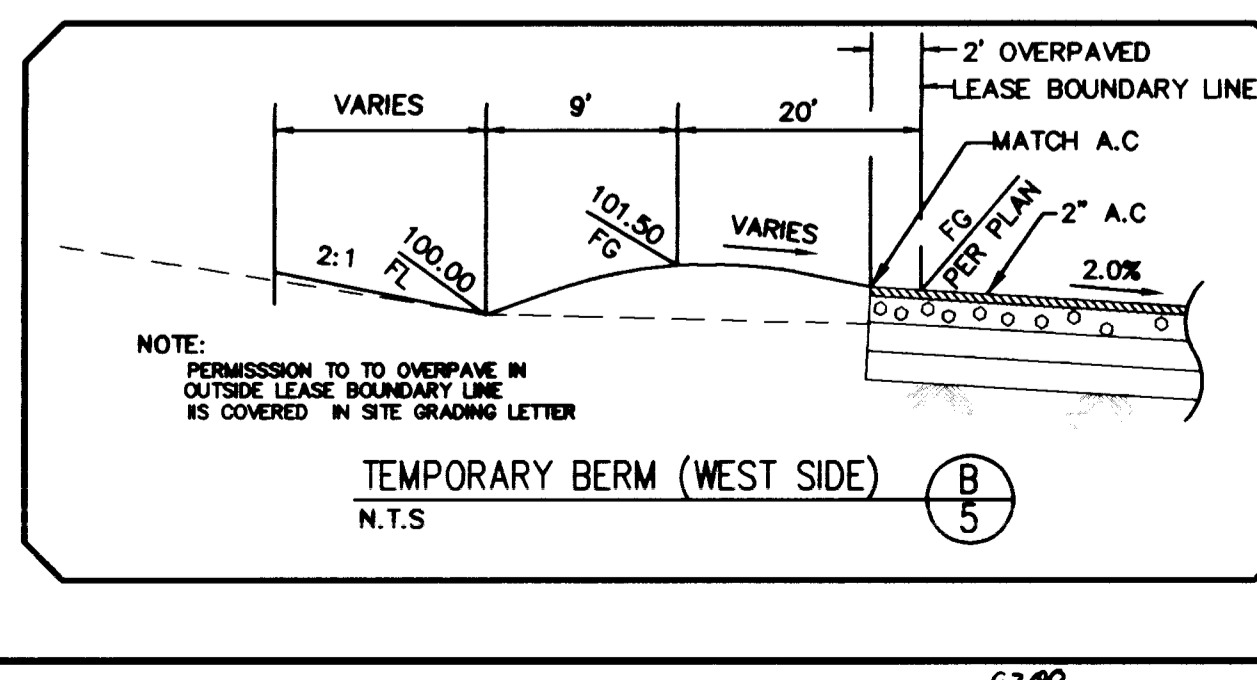
**HANDICAP ACCESS RAMP**  
 PER STD. DWG # 235 - CASE II

	A	B
H-1	4.50'	21.50'
H-2	21.50'	4.50'
H-3	4.50'	21.50'
H-4	8.00'	8.00'

**BASIS OF BEARINGS**  
 NORTH 09°26'21" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE  
 SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4)  
 OF SECTION 32, TOWNSHIP 20 SOUTH, RANGE 80 EAST, MOUNT Diablo  
 MERIDIAN AS SHOWN ON THAT CERTAIN PLAT ON FILE IN THE OFFICE OF  
 THE CLARK COUNTY RECORDER IN BOOK 45, PAGE 83 OF PLATS.



**NOTE:**  
 RELOCATE EXISTING LANDSCAPING  
 AS NECESSARY AT THE TWO PROPOSED  
 DRIVEWAYS.



**APPROVAL NOTE**  
 I CERTIFY THIS GRADING PLAN IS IN CONFORMANCE WITH  
 THE APPROVED DRAINAGE STUDY FOR THIS PROJECT ON  
 FILE AT THE CITY OF LAS VEGAS.  
 Dennis P. Wertzler 7-27-98  
 DENNIS P. WERTZLER, P.E. DATE

