

BENCHMARK
 CITY OF LAS VEGAS BENCHMARK 04V001254 RIVET & PLATE IN TOP OF CURB NW SIDE OF TOWN CENTER DRIVE & SOUTH CIRCLE ISLAND. ELEVATION = 2728.37 NAVD 1988 (831.6074 M)

NOTE:
 ALL ON SITE STREETS ARE PRIVATELY OWNED AND MAINTAINED

SIDEWALK RAMP TABLE:

RAMP	"A"	"B"
SW1	8.0	8.0
SW2	15	4.5

* INDICATES LOTS WITH 2% GARAGE SLOPE

- LEGEND:**
- [100.00] PROPOSED DESIGN ELEVATION
 - (100.00) EXISTING ELEVATION
 - AC ASPHALTIC CONCRETE
 - TC TOP OF CURB
 - FG FINISH GRADE
 - GB GRADE BREAK
 - HP HIGH POINT
 - PE PAD ELEVATION
 - FF FINISH FLOOR
 - FL FLOWLINE
 - SW/FL SWALE/FLOWLINE
 - SLOPE DIRECTION
 - GRADE BREAK
 - CURB & SIDEWALK REMOVAL
 - 2:1 SCARP (TYPICAL)
 - EXISTING CONTOUR (1' INTERVAL)
 - EXISTING CONTOUR (5' INTERVAL)
 - LOT NUMBER
 - PAD ELEVATION FINISH FLOOR ELEVATION
 - BLOCK NUMBER
 - 6" VILLAGE WALL
 - RETAINING WALL
 - DETAIL NUMBER
 - SHEET NUMBER FOR DETAIL
 - CALICHE WALL
 - BACKWATER VALVE

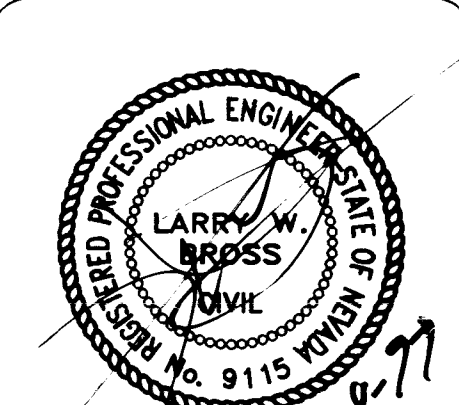
- NOTES:**
- HUNSEKER & ASSOCIATES SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES IN THE PLANS OR CONDITIONS IN THE FIELD.
 - ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAS BEEN OBTAINED FROM THE OFFSITE OWNER.
 - FOR AREAS THAT ARE FLATTER THAN 2:1 SLOPE, OR LESS THAN 1" ELEVATION DIFFERENCE, SCARPS ARE NOT SHOWN ON PLAN FOR CLARITY PURPOSES.
 - ADD 2800' TO ALL ELEVATIONS SHOWN.
 - GRADING AND STRUCTURAL SECTIONS SHALL CONFORM TO SOILS REPORT.
 - ALL SLOPE AREAS SHALL HAVE A MINIMUM ONE FOOT SHOULDER NEXT TO WALL PRIOR TO STARTING SLOPE.
 - REFER TO SHEET 14 AND 15 OF 15 FOR SECTIONS AND DETAILS.
 - PAD SECTION SHOWN ON PLANS IS FOR REFERENCE ONLY. FOR ACTUAL SECTION, REFER TO GEOTECHNICAL REPORT FOR SOILS ENGINEERS RECOMMENDATION.

- KEY NOTES:**
- CONSTRUCT 2" AC PAVING OVER 4" TYPE II BASE ON 6" TYPE I BASE PER SIS 5-14. SEE SHEET 15 FOR STREET SECTION.
 - CONSTRUCT 8" WIDE CROSS GUTTER PER SIS 5-84.
 - CONSTRUCT 30" ROLL CURB PER SIS 5-48.
 - CONSTRUCT SIDEWALK RAMP PER SIS 5-77, CASE I. REFER TO SIDEWALK RAMP TABLE FOR "A" AND "B" LENGTHS.
 - SIGHT VISIBILITY EASEMENT PER STD. DWG. 404.1600, B = 131 FT.
 - CONSTRUCT "A" CURB PER SIS 5-50.
 - CONSTRUCT "L" CURB PER SIS 5-47.
 - 10' TRANSITION FROM "L" CURB TO ROLL CURB.
 - 10' TRANSITION FROM ROLL CURB TO DROP INLET (8" FACE).
 - INSTALL (2) INVERTED "X" BLOCKS IN PRODUCT WALL TO FACILITATE YARD DRAINAGE.

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.
 LARRY M. GROSS, P.E. 9115 DATE 8-19-97

Avoid cutting underground utility lines. It's costly.
Call before you Dig
 1-800-227-2600
 UNDERGROUND SERVICE (USA)

Quality Control checked by: *[Signature]*



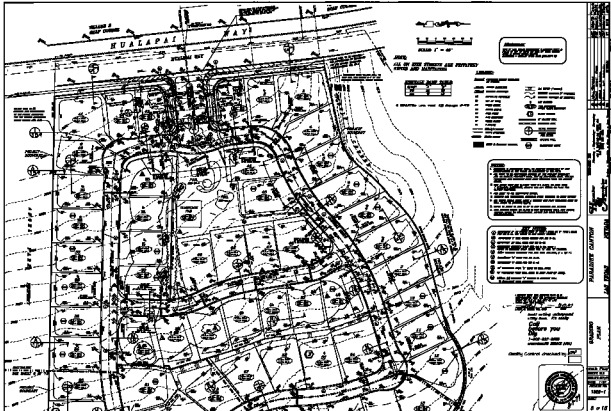
PREPARED BY: Hunseker & Associates, Inc. Planning & Engineering - Surveying
 4400 N. BURNING TREE BLVD. SUITE 100
 LAS VEGAS, NEVADA 89128
 (702) 842-4200

PROJECT NO. 1922-1
 SHEET 5 OF 15

SCALE: 1" = 40'
 DES. BY: GLR
 DWN. BY: GLR/PH
 DATE: 1-97

PARADISE CANYON NEVADA
 LAS VEGAS

DATE: 8/19/97
 BY: [Signature]
 REVISION: [Signature]
 CAD FILE NAME: [Signature]



NOTE:
ALL OF THE STREETS ARE PAVED
TRUCK AND AUTOMOBILES

LEGEND

Symbol	Description
Circle with cross	Water
Circle with dot	Well
Circle with horizontal lines	Gravel
Circle with vertical lines	Gravel
Circle with diagonal lines	Gravel
Circle with wavy lines	Gravel
Circle with cross-hatch	Gravel
Circle with dots	Gravel
Circle with horizontal lines	Gravel
Circle with vertical lines	Gravel
Circle with diagonal lines	Gravel
Circle with wavy lines	Gravel
Circle with cross-hatch	Gravel
Circle with dots	Gravel

1. DRAWING FOR THE 100000000

PROVIDED BY THE
U.S. ARMY
ENGINEERING CENTER
FORT BELLEVILLE, ILLINOIS

- LEGEND
- Circle with cross: Water
 - Circle with dot: Well
 - Circle with horizontal lines: Gravel
 - Circle with vertical lines: Gravel
 - Circle with diagonal lines: Gravel
 - Circle with wavy lines: Gravel
 - Circle with cross-hatch: Gravel
 - Circle with dots: Gravel
 - Circle with horizontal lines: Gravel
 - Circle with vertical lines: Gravel
 - Circle with diagonal lines: Gravel
 - Circle with wavy lines: Gravel
 - Circle with cross-hatch: Gravel
 - Circle with dots: Gravel

NOTE:
1. THIS DRAWING IS A PLAN OF THE
INSTALLATION AND DOES NOT SHOW
ELEVATIONS OR RELIEF.
2. ALL DISTANCES ARE IN FEET.
3. ALL DISTANCES ARE TO THE CENTER
OF THE ROAD OR PATH UNLESS
OTHERWISE SPECIFIED.
4. ALL DISTANCES ARE TO THE CENTER
OF THE ROAD OR PATH UNLESS
OTHERWISE SPECIFIED.

NOTE:
1. THIS DRAWING IS A PLAN OF THE
INSTALLATION AND DOES NOT SHOW
ELEVATIONS OR RELIEF.
2. ALL DISTANCES ARE IN FEET.
3. ALL DISTANCES ARE TO THE CENTER
OF THE ROAD OR PATH UNLESS
OTHERWISE SPECIFIED.
4. ALL DISTANCES ARE TO THE CENTER
OF THE ROAD OR PATH UNLESS
OTHERWISE SPECIFIED.

SCALE 1" = 400'
NOT TO BE USED FOR CONSTRUCTION
UNLESS AUTHORIZED BY THE
ENGINEERING CENTER
FORT BELLEVILLE, ILLINOIS
1-200-527-0000
FORM 1000-1
Daily Control Checked by [initials]



PARADISE CAMPUS
 1000-1
 8 of 12