

FLOOD CONTROL QUANTITIES

VIC-95

TORREY PINES

WASHBURN

WASHBURN

LONE MOUNTAIN

PROJECT SITE

RAINBOW

CRAIG

BUFFALO

TENYA

US-95

RAINBOW

ALEXANDER

VICINITY MAP

NTS

Key Map of Painted Desert area. The map shows a grid of streets including Rainbow Blvd, Lone Mountain Road, Rancho Drive, and Painted Desert. A north arrow and a scale bar are included.

LEGEND				
EXISTING		PROPOSED		DESCRIPTION
				RIGHT-OF-WAY
				CENTERLINE
				PROPERTY LINE
				EASEMENT
				CURB & GUTTER
				SCREEN WALL
				RETAINING WALL
				SWALE
				EDGE OF PAVEMENT
				SAWCUT & MATCH
				ADA ACCESS ROUTE
				2.1 SCARP
				SIDEWALK RAMP
				RATE & DIR. OF FLOW
				SIDEWALK UNDER DRAIN
				PAD ELEVATION
				FINISH FLOOR ELEV
				CONSTRUCTION NOTE
				SVRE
				MODEL UNIT
				DESIGNATED ADA UNIT
				CONTOUR

GRAPHIC SCALE

0 15 30 60

(IN FEET)

1 inch = 30 ft

I CERTIFY THAT THIS GRADING PLAN CONFORMS
TO THE APPROVED DRAINAGE STUDY FOR THIS S
ON FILE WITH CITY OF LAS VEGAS DS3567

[Signature]

PEYEAAS, PE #14444

4/27/05

DATE

	1
	10

SHEETS
NO
22

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND 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.

79 549 11 81507 81 8

AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.

**CALL BEFORE
YOU DO
OVERHEAD**



1-702-593-6111
NEVADA POWER ENVIRONMENT &
SAFETY SERVICES DEPARTMENT

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

CITY OF LAS VEGAS BENCH MARK 1LV00 3NEE6
CITY OF LAS VEGAS PIN AND PLATE IN THE TOP
SOUTHWEST CORNER OF RAINBOW BOULEVARD AND
AVENUE NEAR THE PT OF RED COACH AVENUE
NAVD '88 DATUM
ELEVATION = 2319.021 U.S. SURVEY FEET
ELEVATION = 706.839 METERS

THE BASIS OF BEARING FOR THIS SURVEY IS THE WESTERLY LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 2, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, COUNTY OF CLARK, STATE OF NEVADA, WHICH BEARS NORTH 00°31'01" EAST, AS PER MAP RECORDED IN BOOK 105, PAGE 58 OF PLATS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY

CUT = 9,898 CY
FILL = 15,672 CY

FILL = 5,774 CY

THIS INFORMATION SHOULD NOT BE USED FOR BIDDING PURPOSES. ALL CONTRACTORS ARE RESPONSIBLE FOR OWN QUANTITIES. THESE TOTALS ARE RAW AND DO NOT ACCOUNT FOR SHRINKAGE AND SUBSIDENCE.

CONSTRUCTION NOTES

1 CONST "L" TYPE CURB PER C C AREA STD DWG #216, SEE SHEET 40
2 CONST TACK ON CURB W/6" FACE
3
4 CONST 8" CROSS GUTTER PER C C AREA STD DWG #228, SEE SHEET 40
5 CONST 2" CONCRETE CROSS GUTTER PER DETAIL "H" SHEET DT1
6
7 CONST 1" TYPE ISLAND CURB PER C C STD DWG #219, SEE SHEET 40
8
9 CONST CASE 1 HANDICAP RAMP PER C C AREA STD DWG #235, SEE SHEET 40
10 CONST HANDICAP RAMP PER DETAIL "F" SHEET DT1
11
12 CONST HANDICAP LOADING ZONE PER DETAIL "G" SHEET DT1
13
14 CONST SIDEWALK UNDER DRAIN PER DETAIL "E" SHEET DT1
15
16 CONST STEP PER DETAIL "C" SHEET DT1
17
18 CONST TRASH ENCLOSURE PER DETAIL "A" SHEET DT1
19
20 CONST CURB CUT PER DETAIL "D" SHEET DT1
21
22 CONST 3.5' WIDE CONC SIDEWALK ON NATIVE
23
24 CONST 5' WIDE CONC SIDEWALK PER C C AREA STD DWG #234, SEE SHEET 40
25
26 CONST 10" CROSS GUTTER PER C C AREA STD DWG #228, SEE SHEET 40
27 CONST SIDEWALK UNDER DRAIN PER C C AREA STD DWG #236, SEE SHEET 40
28
29 CONST EARTH SWALE PER DETAIL "B" SHEET DT1
30
31 CONST "A" CURB W/ 6" FACE PER C C AREA STD DWG #219, SEE SHEET 40
32
33 CONST PRECAST BUMPER BLOCKS PER C C AREA STD DWG #238, SEE SHEET 40

GENERAL NOTES

- 1 SEE IMPROVEMENT PLANS FOR STREET SECTIONS AND DETAILS
SEE HORIZONTAL CONTROL FOR EXACT BEARINGS AND DISTANCES
- 2 THE QUANTITIES SHOWN HEREON ARE ESTIMATES ONLY AND ARE
NOT TO BE USED FOR BIDDING PURPOSES
- 3 CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS
AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER
PRIOR TO THE COMMENCEMENT OF WORK
- 4 ALL GRADING WORK TO CONFORM TO SOILS REPORT BY OWENS
GEOTECHNICAL DATED MARCH 22, 2004 JOB NO E-04-049
ADD 2300 TO ALL GRADES SHOWN HERE ON
- 5 FINISH GRADING AROUND EACH BUILDING SHALL BE GRADED 2%
MINIMUM AWAY FROM THE FINISHED FLOOR PER THE
GEOTECHNICAL REPORT AND THE DETAIL SHOWN ON SHEET 4
- 7 SEE SHEET C3 FOR C.L.V. GRADING NOTES
- 8 SEE HORIZONTAL CONTROL PLAN FOR CURVE DATA TABLE

Diagram illustrating a vertical curve (S.V.R.E. DETAIL) with dimensions and labels:

- STREETNAME** (top left and top right)
- NOTE** SEE PLAN VIEW, CURVE & LINE DATA TABLES FOR DIMENSIONS
- S.V.R.E. DETAIL** (center)
- NOTE** NOTHING OVER 24" ABOVE TOP OF CURB ALLOWED IN SHADED AREA EXCEPT TRAFFIC CONTROL DEVICES
- STREETNAME** (bottom left and bottom right)
- Table Dimensions:**

	RADIUS	DELTA	LENGTH	TANGENT
No	20.00'	42'52.51"	14.97'	7.85'
SC1	20.00'	42'44.28"	14.92'	7.83'

LEGEND

- NEW AC
- AC TO BE REMOVED AND REPLACED
- AC TO BE REMOVED
- OFFSITE IMPROVEMENTS

APN: 138-02-101-005
ZONING: C-2

FOR CONFINING

CONSTRUCTION NOTES

1. CONST "L" TYPE CURB PER C.C. AREA STD. DWG. #216, SEE SHEET 40

CONST 8' CROSS GUTTER PER C C AREA STD DWG #228, SEE SHEET 40
CONST 2' CONCRETE GUTTER PER DETAIL "H" SHEET DT1
CONST "L" TYPE ISLAND CURB PER C C STD DWG #219, SEE SHEET 40
CONST CASE 1 HANDICAP RAMP PER C C AREA STD DWG #235, SEE SHEET 40
CONST HANDICAP RAMP PER DETAIL "F" SHEET DT1
CONST HANDICAP LOADING ZONE PER DETAIL "G" SHEET DT1
CONST SIDEWALK UNDER DRAIN PER DETAIL "E" SHEET DT1
CONST STEP PER DETAIL "C" SHEET DT1
CONST FRANCH ENVELOPING GIB DETAIL "H" SHEET DT1

3 CONST CURB CUT PER DETAIL "D" SHEET D11
4 CONST 3.5' WIDE CONC SIDEWALK ON NATIVE
5 4.5' WIDE CONC SIDEWALK PER C.C. AREA STD DWG #234, SEE SHEET
6
7 CONST 10' CROSS CUTTER PER C.C. AREA STD DWG #228, SEE SHEET 40
8
9 CONST SIDEWALK UNDER DRAIN PER C.C. AREA STD DWG #236, SEE SHEET 4
10
11 CONST SIDEWALK PER DETAIL "B" SHEET D11
12
13 CONST "A" CURB W/ 6" FACE PER C.C. AREA STD DWG #219, SEE SHEET 40
14
15 CONST PRECAST BUMPER FLACES PER C.C. AREA STD DWG #238, SEE SHEET