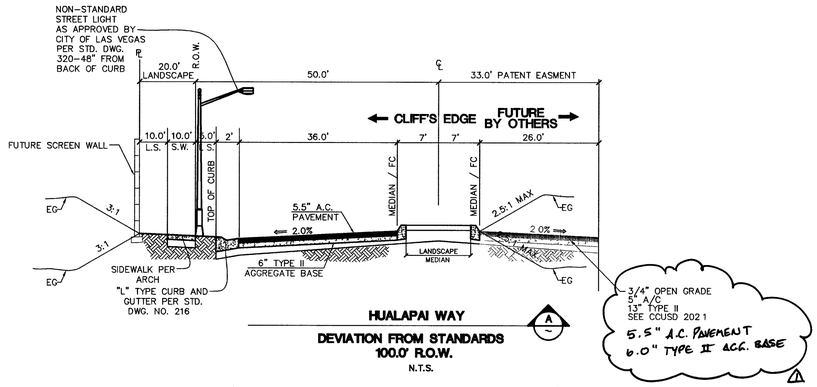
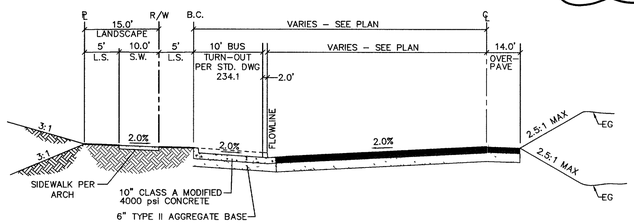


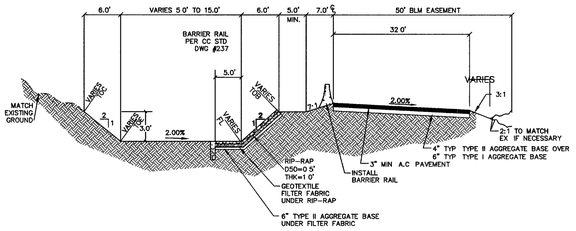

**HUALAPAI WAY**
**DEVIATION FROM STANDARDS**
**100.0' R.O.W.**
N.T.S.

A



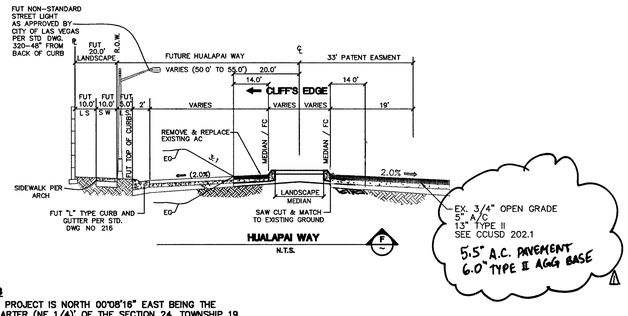

**BUS TURNOUT DETAIL**
N.T.S.

B




**HUALAPAI WAY EXISTING SECTION**

C




**HUALAPAI WAY**
N.T.S.

F

## BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS PROJECT IS NORTH 00°08'16" EAST BEING THE EAST LINE OF THE NORTHWEST QUARTER (NE 1/4)' OF THE SECTION 24, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE IN FILE 123 AT PAGE 32.

## PROJECT BENCHMARK

PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

CLARK COUNTY VERTICAL CONTROL: 1C00:6N6
NAVD88 ELEVATION: 787.794 METERS (2584.62 FEET)

RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE CYLINDER, LOCATED 25' SOUTH & 50' EAST OF GRAND CANYON DRIVE AND RED COACH AVENUE, 1' WEST OF ELECTRICAL VAULT.

## CITY OF LAS VEGAS BENCHMARK

DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

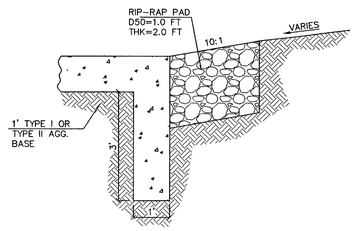
CITY OF LAS VEGAS BENCHMARK: 8LV99:13SES
NAVD88 ELEVATION: 869.606 METERS (2853.03 FEET)

RIVET AND PLATE IN CONCRETE CYLINDER NW CORNER OF HUALAPAI AND ELKHORN

NOTE: ADD 0.34' TO ABOVE CITY OF LAS VEGAS BENCHMARK 8LV99:13SES TO MATCH ORIGINAL PROJECT BENCHMARK, CLARK COUNTY BENCHMARK 1C00-6N6 (2584.62 FEET) AS SHOWN ON RECORD OF SURVEY FILE 124 PAGE 94.

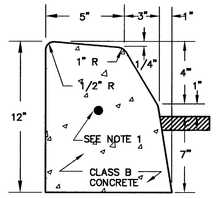
82695 SL 83842





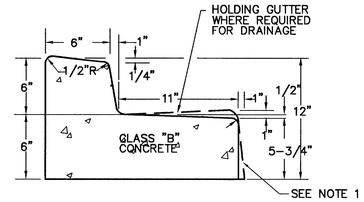

**TOE WALL DETAIL**

D




## "A" CURB SECTION

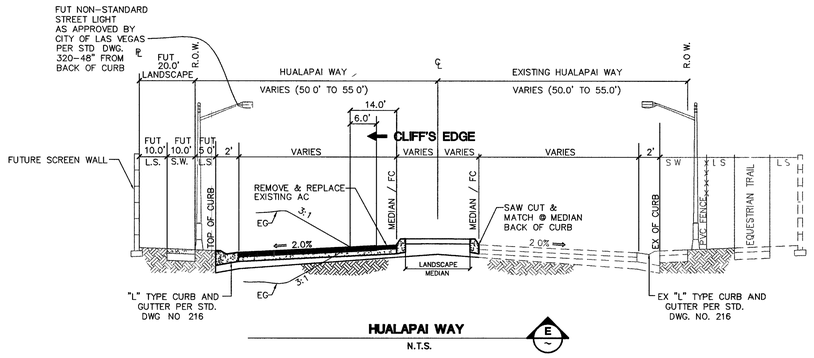
NOTES:
1. CONTINUOUS NO. 4 BAR REQUIRED IN NOSE OF MEDIAN ONLY




## "L" CURB SECTION

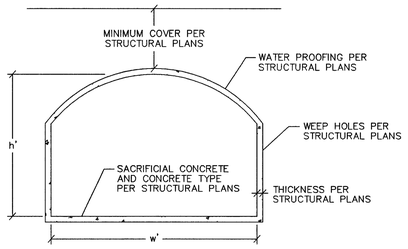
NOTES:

1. 1" BATTER ON GUTTER FACE OPTIONAL.

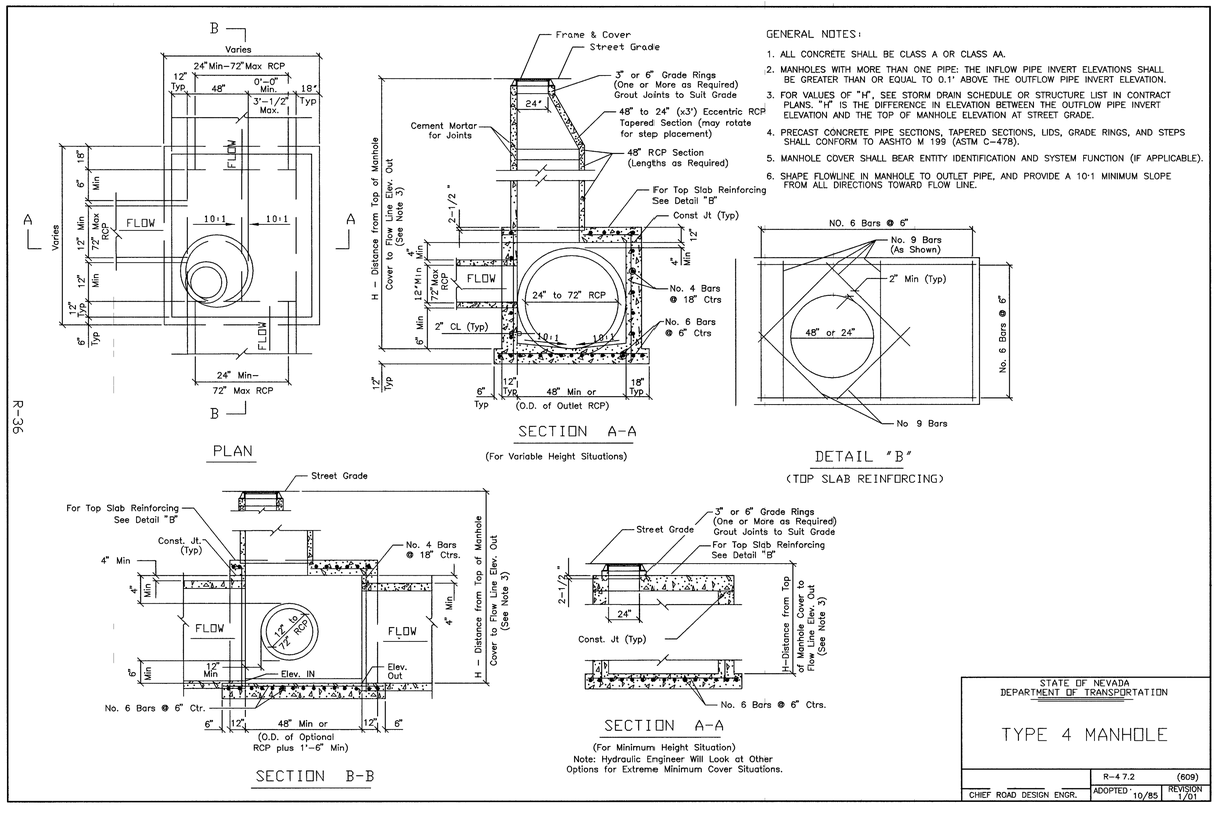



**HUALAPAI WAY**
N.T.S.

E




TYPICAL w' X h' ARCH CULVERT (RCA)




GENERAL NOTES:

1. ALL CONCRETE SHALL BE CLASS A OR CLASS AA.
2. MANHOLES WITH MORE THAN ONE PIPE: THE INFLOW PIPE INVERT ELEVATIONS SHALL BE GREATER THAN OR EQUAL TO 0.1' ABOVE THE OUTFLOW PIPE INVERT ELEVATION.
3. FOR VALUES OF "H", SEE STORM DRAIN SCHEDULE OR STRUCTURE LIST IN CONTRACT PLANS. "H" IS THE DIFFERENCE IN ELEVATION BETWEEN THE OUTFLOW PIPE INVERT ELEVATION AND THE TOP OF MANHOLE ELEVATION AT STREET GRADE.
4. PRECAST CONCRETE PIPE SECTIONS, TAPERED SECTIONS, LIDS, GRADE RINGS, AND STEPS SHALL CONFORM TO AASHTO M 199 (ASTM C-478).
5. MANHOLE COVER SHALL BEAR ENTITY IDENTIFICATION AND SYSTEM FUNCTION (IF APPLICABLE).
6. SHAPE FLOWLINE IN MANHOLE TO OUTLET PIPE, AND PROVIDE A 10:1 MINIMUM SLOPE FROM ALL DIRECTIONS TOWARD FLOW LINE.

R-36

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TYPE 4 MANHOLE

| CHIEF ROAD DESIGN ENGR. | R-47.2 | (609) |
|---|---|---|
| | ADOPTED: 10/85 | REVISION 1/01 |

HTE# 05-19169

| REV | DATE | BY | REVISION |
|---|---|---|---|
| 2 | 8.03.05 | LM | REVISED X-SECTION TO CLARK COUNTY STANDARDS |

CLIFF'S EDGE LLC
3455 CLIFF SHADOWS PARKWAY, SUITE 290
LAS VEGAS, NEVADA 89129
(702) 777-1221

CITY OF LAS VEGAS, NEVADA

2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148
PH. (702) 873-7500 FAX (702) 362-2597
nevada CONSULTING ENGINEERS ● PLANNERS ● LAND SURVEYORS

DETAIL SHEET
HUALAPAI WAY

CLIFFS EDGE / PROVIDENCE
HUALAPAI WAY
BELT WAY TO GRAND TETON

DRAWN BY: MG
DESIGNED BY: BF
CHECKED BY: LM
PROJECT NO: 5969
APRIL 04'
MAR. 04'
APRIL 04'
SCALE: N.T.S. HORIZ. N.T.S. VERT.

EXPIRES 06-30-07
PROFESSIONAL ENGINEER STATE OF NEVADA
DANIEL J. HOOD
No. 12811
CIVIL

SHEET
DT1
23 OF 29 SHEETS

DRAWING NO.
1074816 - HWY

I:\5969\HUALAPAI\5969DT-HUAL.DWG