# CITY OF LAS VEGAS, NEVADA

DEPARTMENT OF PUBLIC WORKS

# LAS VEGAS WASH TRAIL - PHASE 1

## OWENS AVENUE to STEWART AVENUE

### BASIS OF BEARINGS

SOUTH 43°19'38" EAST – TAKEN FOR THE LINE FROM CLARK COUNTY G.I.S. MONUMENT 827 TO CLARK COUNTY G.I.S. MONUMENT 834 PER STATE PLANE COORDINATE SYSTEM (US STATE PLANE 1983: NEVADA EAST 2701) LISTED BY RECORD OF SURVEY ON FILE, IN FILE 88, PAGE 53 OF SURVEYS, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

| 827 | 834 |
|---|---|
| GRID N: 26760024.251 | GRID N: 26744051.874 |
| GRID E: 810017.403 | GRID E: 825083.347 |
| LATITUDE: 36°09'33.517" | LATITUDE: 36°06'54.722" |
| LONGITUDE: –115°03'43.693" | LONGITUDE: –115°00'41.109" |
| CONVERGENCE: 0°18'27.102" | CONVERGENCE: 0°20'13.559" |
| SCALE FACTOR: 0.9999271 | SCALE FACTOR: 0.9999327 |
| DESCRIPTION – 2" BRASS CAP | DESCRIPTION – 2" BRASS CAP |

PER RECORD OF SURVEY FILE 88, PAGE 53

NOTE:
EXISTING PROPERTY LINES AND RIGHTS OF WAY SHOWN ON THESE PLANS WERE OBTAINED FROM CITY OF LAS VEGAS GIS DATA, AND ARE SHOWN FOR REFERENCE ONLY.

### NAVD88 BENCHMARK

CITY OF LAS VEGAS VERTICAL CONTROL
BENCHMARK No. 1LV02 32N6
Rivet & Plate in top of curb, northeast return, of Marion Drive and Montebello Avenue
NAVD88 ELEVATION 536.4402 METERS (1759.97 FEET)

CITY OF LAS VEGAS VERTICAL CONTROL
BENCHMARK No. 2LV0229W6
Rivet & Plate in top of curb @ SW corner of Washington & Stainglass
NAVD 88 ELEVATION 542.4051 METERS (1779.54 FEET)

CITY OF LAS VEGAS VERTICAL CONTROL
BENCHMARK No. 2LV0232C4
Rivet & Plate in top of curb @ SE corner of Stewart & Marion
NAVD88 ELEVATION 535.1411 METERS (1755.71FEET)

CLARK COUNTY VERTICAL CONTROL
BENCHMARK No. 8C12 4S4
Rivet & Round Plate in top of curb Northeast corner of Sahara Ave. and Winterwood Blvd. near the P.C. of Sahara Ave.
NAVD88 ELEVATION 524.767 METERS (1721.66 FEET)

CLARK COUNTY VERTICAL CONTROL
BENCHMARK No. 8C12 10W4
Rivet & Round Plate in top of curb North side of Vegas Valley Dr. near the Sloan Ln. alignment.
NAVD88 ELEVATION 520.474 METERS (1707.59 FEET)

CLARK COUNTY VERTICAL CONTROL
BENCHMARK No. 6c02 33w4
2" Brass Cap Reference Monument in the top of curb Northeast corner of Nellis Blvd. and Bonanza Road, near the P.C. of Nellis Blvd.
NAVD88 ELEVATION 533.682 METERS (1750.93 FEET)

### NOTES: FOR WORK ON OR BETWEEN BANKS OF LAS VEGAS WASH

1. ANY HEAVY EQUIPMENT TO BE USED IN OR ADJACENT TO THE LAS VEGAS WASH SHALL BE STEAM CLEANED AT LEAST ONCE BEFORE WORK IS BEGUN. THE EQUIPMENT SHALL BE INSPECTED FOR LEAKS DAILY PRIOR TO USE. ALL LEAKS SHALL BE REPAIRED PRIOR TO USE. CONTINUALLY LEAKING VEHICLES SHALL BE REMOVED PERMANENTLY FROM THE PROJECT.
2. A RECORD SHALL BE KEPT OF EACH DAY'S USE OF HEAVY EQUIPMENT IN OR ADJACENT TO THE WASH.
3. NO VEHICLE MAINTENANCE AND REFUELING SHALL OCCUR WITHIN THE WASH.
4. NO EXCESS SOIL MATERIAL SHALL BE STOCKPILED WITHIN THE WASH/TRAIL RIGHT-OF-WAY.
5. DEWATERING SHALL NOT BE PERMITTED.

VICINITY MAP
NOT TO SCALE

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District — 7/2/08 Date
PROJECT #114286

### SHEET INDEX

| SHT. NO. | DRAWING TITLE |
|---|---|
| G1 | COVER SHEET |
| G2 | TITLE SHEET |
| G3 | NOTES, LEGEND AND ABBREVIATIONS |
| G4 | SHEET INDEX PLAN |
| C1 | TRAIL PLAN – "TRL1" STA 10+00.00 to 18+97.38 |
| C2 | TRAIL PLAN – "TRL1" STA 18+97.38 to 29+53.43 |
| C3 | TRAIL PLAN – "TRL1" STA 29+53.43 to 40+02.46 |
| C4 | TRAIL PLAN – "TRL1" STA 40+02.46 to 50+11.18 |
| C5 | TRAIL PLAN – "TRL1" STA 50+11.18 to 54+00.00 |
| C6 | TRAIL PLAN – "LVW" STA 655+00.00 to 645+00.00 |
| C7 | TRAIL PLAN – "LVW" STA 645+00.00 to 635+00.00 |
| C8 | TRAIL PLAN – "TRL3" STA 10+00.00 to 15+79.86 |
| C9 | TRAIL PLAN – "TRL3" STA 15+79.86 to 20+88.23<br>"TRL4" STA 10+00.00 to 12+83.38 |
| C10 | TRAIL PLAN – "TRL4" STA 12+83.38 to 22+76.12 |
| C11 | TRAIL PLAN – "TRL4" STA 22+76.12 to 33+07.68 |
| C12 | TRAIL PLAN – "TRL4" STA 33+07.68 to 39+67.54 |
| C13 | ENLARGED TRAILHEAD PLAN |
| C14 | ENLARGED TRAILHEAD PLAN |
| C15 | ENLARGED TRAILHEAD PLAN |
| C16 | TYPICAL SECTIONS & DETAILS |
| C17 | TYPICAL SECTIONS & DETAILS |
| C18 | TYPICAL SECTIONS & DETAILS |
| C19 | CABLE BARRIER FENCE DETAILS |
| C20 | VEHICLE ACCESS GATE – SECTIONS & DETAILS |
| C21 | TRAIL SIGNS & DETAILS |
| C22 | TYPICAL SECTIONS & DETAILS |
| C23 | IRRIGATION DETAILS |
| C24 | PEDESTRIAN CROSSING DETAILS |
| C25 | PEDESTRIAN CROSSING DETAILS |
| ~~C26~~ | ~~PEDESTRIAN CROSSING DETAILS~~ OMITTED |
| C27 | CHANNEL CROSS SECTIONS |
| C28 | CHANNEL CROSS SECTIONS |
| C29 | CHANNEL CROSS SECTIONS |
| C30 | CHANNEL CROSS SECTIONS |
| C31 | STEWART AVE. – WATERMAIN EXTENSION |
| E1 | ELECTRICAL SERVICE POINT CONNECTION DETAILS |
| E2 | ELECTRICAL SERVICE POINT CONNECTION DETAILS |
| E3 | ELECTRICAL SERVICE POINT CONNECTION DETAILS |
| E4 | ELECTRICAL SERVICE POINT CONNECTION DETAILS |
| E5 | TRAIL LIGHTING DETAILS |
| E6 | SERVICE PANEL SCHEDULES |
| E7 | SERVICE PANEL SCHEDULES |
| 1–3 | NEVADA POWER PLANS |


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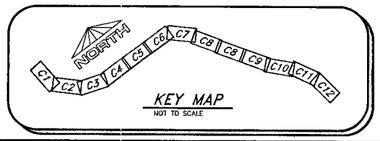
4840 W. University Ave, Suite A-1
Las Vegas, Nevada 89103
Tel: (702) 252-7866


KEY MAP
NOT TO SCALE

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2800
AND
CLARK COUNTY WASTE OPERATIONS
1-702-455-7544

CITY OF LAS VEGAS - DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION

REVISIONS

| NO. | DESCRIPTION | DATE | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |

SCALE: NA
DESIGN: DGR
DRAWN: DGR
CHECKED: DRA
APPROVED: DRA
DATE: 6-16-08

PROJECT NO:
FILE NAME: LVW-TRAIL-ts.dwg

PROFESSIONAL ENGINEER – STATE OF NEVADA
DONALD R. ALLISON
Exp: 12/31/08
CIVIL
No. 6109
6/23/08

(DRAWING TITLE) TITLE SHEET
(PROJECT TITLE) LAS VEGAS WASH TRAIL - PHASE 1
(LOCATION) OWENS AVE. to STEWART AVE.

SHEET NO.
G2
SHT. 2 OF 43
DWG No. 107V4396

122201

HANSEN #12956