



**CONSTRUCTION NOTES:**

- 1 CONSTRUCT "A" TYPE CURB PER C.C.A.U.S.D. No. 219.
- 2 CONSTRUCT "L" TYPE CURB AND GUTTER PER C.C.A.U.S.D. No. 216.
- 3 CONSTRUCT 8" CONCRETE CROSS GUTTER PER C.C.A.U.S.D. No. 228.
- 4 CONSTRUCT CONCRETE SIDEWALK PER C.C.A.U.S.D. No. 234.
- 5 CONSTRUCT CONCRETE SIDEWALK RAMP PER C.C.A.U.S.D. No. 235, CASE I.
- 6 INSTALL PRECAST BUMPER BLOCK PER C.C.A.U.S.D. No. 238.
- 7 CONSTRUCT 2" CONCRETE VALLEY GUTTER PER DETAIL 5 ON SHEET C8.00.
- 8 CONSTRUCT PAVEMENT PER DETAIL 2 ON SHEET C8.00.
- 9 LANDSCAPE AREA PER LANDSCAPE ARCHITECT PLANS.
- 10 CONSTRUCT HANDICAP RAMP PER DETAIL 1 ON SHEET C8.00.
- 11 CONSTRUCT COMMERCIAL/INDUSTRIAL DRIVEWAY PER C.C.A.U.S.D. No. 225 WITH GEOMETRICS OF 222A. CONSTRUCT 8" CROSS GUTTER PER C.C.A.U.S.D. No. 228.
- 12 INSTALL PRE-SLOPED 8" WIDE PRECAST TRENCH CHANNEL SYSTEM WITH PERFORATED GALVANIZED STEEL GRATINGS RATED CLASS B. THE CHANNEL SHALL HAVE A CONTINUOUS 0.6% SLOPE. THE SURFACE DRAINAGE SYSTEM SHALL BE ACO DRAIN U100 CHANNEL BY ACO POLYMER PRODUCTS INC. OR APPROVED EQUAL.
- 13 CONSTRUCT STORM DRAIN OUTLET PER DETAIL 8 ON SHEET C8.00.
- 14 CONSTRUCT FLOOD WALL PER DETAIL 22 ON SHEET C8.02.
- 15 CONSTRUCT 2" UNDER SIDEWALK DRAIN PER C.C.A.U.S.D. No. 236.
- 16 CONSTRUCT CAST IN PLACE CONCRETE DRAIN INLET WITH NEENAH R-6672 - 8-W FRAME AND GRATE (OR APPROVED EQUAL) PER DETAIL 3 ON SHEET C8.00.
- 17 PROVIDE 8"x16" WALL OPENING. THE BOTTOM OF OPENING SHALL BE LOCATED AT THE FINISH SURFACE OF CONCRETE PAVEMENT.
- 18 CONSTRUCT RETAINING WALL PER PROFILE AND SECTIONS 15 AND 16 ON SHEET C8.02.
- 19 CONSTRUCT 4" CONCRETE FLUME PER DETAIL 7 ON SHEET C8.00.
- 20 CONSTRUCT AREA LIGHTS PER ELECTRICAL PLANS.
- 21 CONSTRUCT BUS TURN-OUT PAVEMENT PER C.C.A.U.S.D. No. 234.10
- 22 TRENCH BACKFILL PER C.C.A.U.S.D. No. 504. MATCH EXISTING SURFACE ELEVATIONS.
- 23 CONSTRUCT CAST IN PLACE CONCRETE DRAIN INLET WITH NEENAH COVER & FRAME MODEL R-1878-AIL (OR APPROVED EQUAL), PER DETAIL 3 ON SHEET C8.00.
- 24 CONSTRUCT 2" CONCRETE FLUME PER DETAIL 7 ON SHEET C8.00.
- 25 PROVIDE 8"x24" OPENING IN CMU WALL. PROVIDE STEPPED FOOTING. SEE DETAIL 13 ON SHEET C8.01.
- 26 CONSTRUCT RETAINING WALL PER DETAIL 19 ON SHEET C8.02.
- 27 INSTALL NEW CHAINLINK FENCE, PER C.C.A.U.S.D. No. 252. THE HEIGHT SHALL MATCH EXISTING.
- 28 MAINTAIN TOP OF FOOTING SAME ELEVATION (ELEV. 41.0).
- 29 CONSTRUCT 6" CONC. SLAB W/6X6-WI.4XW1.4 W/F AT MID HEIGHT OVER 6" TYPE II AGGREGATE BASE. PROVIDE JOINTS PER C.C.A.U.S.D. No. 234.
- 30 INSTALL 3"x12"x10"-0" LONG "SUPERIOR PIPE" RECTANGULAR DRAIN PIPE MODEL RP-1210 (OR APPROVED EQUAL).
- 31 CONSTRUCT CMU SCREEN WALL PER DETAIL 4 ON SHEET C8.02.
- 32 CONSTRUCT CONCRETE SIDEWALK RAMP PER C.C.A.U.S.D. No. 235, CASE II.
- 33 REMOVE A.C. PAVEMENT. INSTALL 4" A.C. PAVEMENT OVER 13" TYPE II AGGREGATE.

**LEGEND:**

- PROPOSED ASPHALTIC CONCRETE.
- INUNDATION AREA
- STEP FOOTING

**GRADING PLAN CERTIFICATION:**

I, Clayton Nielsen, CERTIFY THAT THIS GRADING PLAN  
 Clayton Nielsen, P.E. No. 14132  
 IS IN CONFORMANCE WITH APPROVED DRAINAGE STUDY FOR THIS SITE  
 ON FILE WITH THE CITY OF LAS VEGAS.

**NOTE:**  
 FOR SIGHT VISIBILITY RESTRICTION ZONES, REFER TO HORIZONTAL CONTROL PLAN SHEET C3.00

**BENCHMARK**

CLV BM 2L0136W4: RIVET & PLATE IN TOP OF CURB, S.E. RETURN, STEWART AVENUE AND EASTERN AVENUE. ELEVATION: 1846.08', 562.69 m (NAVD88)

**BASIS OF BEARING**

S 44°48'20" E, BEING THE GRID BEARING BETWEEN CLARK COUNTY GIS CONTROL POINTS 816 AND 827, AS SHOWN ON A RECORD OF SURVEY IN FILE 88, PAGE 53 OF SURVEY, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

Avoid cutting underground utility lines. It's costly.  
**SAFETY ALERT**  
 Call before you Dig  
 1-800-227-2600

Call Before You Overhead  
 1-702-593-6111

REVISIONS:  
 A. RAMP LENGTH 7/17/14

CONSULTANT:  
**Nevada By Design**  
 ENGINEERING CONSULTANTS  
 2515 East Harmon Avenue  
 Las Vegas, NV 89119  
 Phone: (702) 938-1525  
 Fax: (702) 938-1530

**EAST LAS VEGAS NEIGHBORHOOD/SENIOR CENTER**

**GRADING PLAN**

STAMP:

DEPARTMENT OF PUBLIC WORKS  
 ARCHITECTURAL SERVICES  
 400 EAST STEWART AVENUE  
 LAS VEGAS, NEVADA 89101  
 PHONE: (702) 228-8888  
 FAX: (702) 228-8332  
 TDD: (702) 228-8108

SUBMITTAL: 100% CD

DRAWN: L.B.

DATE: 08/02/01

SCALE: 1"=30'

PROJECT:  
 E. Las Vegas Community Center  
 CLV Dwg. No. 521-268  
 SHT. NO.:

**C5.00**  
 SHEET 6 OF 11

NOTE: APPROVAL OF THESE PLANS INDICATES THE ACCEPTANCE OF THE DESIGN OF THE PROPOSED IMPROVEMENTS. EASTERN AVENUE IS UNDER THE JURISDICTION OF THE NEVADA DEPARTMENT OF TRANSPORTATION (NDOT). AN NDOT OCCUPANCY PERMIT IS REQUIRED PRIOR TO THE COMMENCEMENT OF ANY WORK IN EASTERN AVENUE. IN THE EVENT THAT THE WORK SHOWN ON THESE PLANS IS NOT ACCEPTABLE TO NDOT, THE DEVELOPER IS REQUIRED TO OBTAIN APPROVAL OF A PLAN REVISION TO CONFORM TO NDOT REQUIREMENTS.

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