



**LEGEND**

[Symbol]	RIGHT-OF-WAY
[Symbol]	PROPERTY LINE
[Symbol]	STREET CENTER LINE
[Symbol]	EXISTING BUILDING
[Symbol]	PROPOSED BUILDING
[Symbol]	EXISTING CURB & GUTTER
[Symbol]	PROPOSED CURB & GUTTER
[Symbol]	EXISTING EDGE OF A.C. PAVEMENT
[Symbol]	PROPOSED EDGE OF A.C. PAVEMENT
[Symbol]	RIGHT OF WAY ZONE
[Symbol]	NOTE: NOTHING OVER 24" IN HEIGHT ALLOWED IN SVZ EXCEPT TRAFFIC COURSE DEVICES
[Symbol]	RED PAINTED CURB - "NO PARKING"
[Symbol]	PROPOSED CMU WALL
[Symbol]	EXISTING CMU WALL
[Symbol]	EXISTING LOT NUMBER
[Symbol]	PROPOSED CONCRETE
[Symbol]	SAWOUT LINE
[Symbol]	EXISTING 1' CONTOUR
[Symbol]	EXISTING 5' CONTOUR
[Symbol]	SECTION / DETAIL SYMBOL
[Symbol]	HC ACCESS ROUTE
[Symbol]	GRADE BREAK
[Symbol]	SLOPE & DIRECTION OF SLOPE
[Symbol]	PROPOSED ELEVATION
[Symbol]	EXISTING ELEVATION
[Symbol]	FUTURE ELEVATION

**WRIGHT**  
engineers

7425 PEAK DRIVE LAS VEGAS, NEVADA 89128  
P 702.953.7000 F 702.933.7001 800.953.7611  
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REV	DATE	BY

**MURDOCK & ASSOCIATES, CHTD.**  
520 SOUTH 4TH STREET  
LAS VEGAS, NV 89101  
TEL (702) 398-5563 FAX (702) 398-4570

CHECK NO. 1 DATE: 10-21-09  
CHECK NO. 2 DATE: 10-21-09

**MURDOCK & ASSOCIATES, CHTD.**  
521 S. THIRD STREET OFFICE

DATE: 10-21-09  
DRAWN BY: RDC  
PROJECT MGR: RDC  
PROJECT NO.: 090681  
SCALE: AS SHOWN

**PROFESSIONAL ENGINEER STATE OF NEVADA**  
JEREMY S. McCAY  
Exp. 12/31/11  
CIVIL  
No. 15791

SHEET  
**C4**  
4 OF 9 SHEETS  
DRAWING NO.  
107U5639

- CONSTRUCTION NOTES:**
- INSTALL 2.5" AC PAVEMENT OVER 6.5" TYPE II AGG. BASE
  - INSTALL 3.5" AC PAVEMENT OVER 1.5" TYPE II AGG. BASE
  - SAWOUT & MATCH TO EXISTING CONDITION
  - INSTALL 4" SIDEWALK PER CCAUSD #234. SIDEWALK TREATMENT PER DETAIL ON SHEET CS
  - INSTALL "L" CURB PER CCAUSD #216
  - REMOVE EXISTING DEPRESSED CURB AND DRIVEWAY PROTECT EX. AG EDGE
  - INSTALL (2) 4" HIGH STEPS ON PRIVATE PROPERTY (NO STEPS WITHIN PUBLIC R/W)
  - PROTECT EXISTING WATER WEAVER IN PLACE
  - PROTECT EXISTING WATER VAULT IN PLACE
  - PLANTER WALL - SEE ARCHITECTURAL PLANS
  - FIRE RISER ROOM
  - ELECTRICAL SERVICE CABINET
  - CONCRETE SLAB - SEE ARCHITECTURAL PLANS
  - PROTECT EXISTING 2" HIGH CMU WALL IN PLACE
  - REMOVE EXISTING CHAINLINK FENCE
  - CONSTRUCT TRASH ENCLOSURE PER ARCHITECTURAL PLANS

**QUANTITIES**

	PUBLIC	PRIVATE
2.5" AC PAVING	9 CY	-
3.5" AC PAVING	1 CY	-
4" SIDEWALK	45 SF	-
"L" CURB	31 LF	-
TYPE II	7 CY	1 CY

**EARTHWORK QUANTITIES**

NOTE: THESE QUANTITIES ARE APPROXIMATE AND AREA RAW VOLUMES ONLY. OVER EXCAVATION, SUBSIDENCE, SHRINKAGE AND BULKING FACTORS, ARE NOT INCLUDED AS PART OF THESE EARTHWORK QUANTITIES.

CUT (NET)	45 CUBIC YARDS
FILL (NET)	111 CUBIC YARDS
NET	66 CUBIC YARDS (FILL)

\*COMPLETION OF SECTION II OF DRAINAGE COMPLIANCE REPORT REQUIRED.

NOTE: ALL HANDICAP ACCESS ROUTES ARE AT A MAXIMUM OF 5% DOWNSLOPE AND 2% CROSS SLOPE & 2% IN DIRECTION CHANGE.

**GEOTECHNICAL:**  
GEOTECHNICAL EVALUATION PREPARED BY OWENS GEOTECHNICAL, INC. 4850 WEST HACIENDA AVE. LAS VEGAS, NV 89118 PHONE # 873-3478  
DATED: JUNE 5, 2008  
PROJECT NUMBER E-08-058  
UPDATED: MARCH 1, 2011

**FLOOD ZONE NOTE:**  
ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBER 325278 02170 E, CITY OF LAS VEGAS, CLARK COUNTY NEVADA, DATED SEPTEMBER 27, 2002, THE SITE LIES WITHIN A FEMA DESIGNATED ZONE "X". A ZONE "X" IS DESCRIBED AS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

**BASIS OF BEARING**  
CENTERLINE OF THIRD STREET BETWEEN BONNEVILLE AVENUE AND CLARK AVENUE, SOUTH 27°45'00" WEST, AS PER SUBDIVISION MAP BOOK 1, PAGE 37, CLARK COUNTY NEVADA RECORDS.

**LEGAL DESCRIPTION**  
A.P. No. 139-34-311-092  
LOTS ELEVEN (11) AND TWELVE (12) IN BLOCK TWENTY SIX (26) OF CLARK'S LAS VEGAS TOWNSITE, AS SHOWN BY MAP THEREOF ON FILE IN BOOK 1 OF PLATS, PAGE 37, IN THE OFFICE OF THE COUNTY RECORDER OF CLARK COUNTY, NEVADA  
CONTAINING 7,000 SQ. FT. OR 0.16 AC., MORE OR LESS.

**BENCHMARK**  
MONUMENT ID - 1L134W4  
RIVET WITH PLATE IN CURB AT NORTHEAST CORNER OF MAIN STREET AND BONNEVILLE AVENUE  
ELEVATION 2028.66 (NAVD 88)  
METERS x (3937 / 1200) = U.S. SURVEY FEET  
1. THE ELEVATIONS SHOWN HEREON ARE BASED ON FEET.

**DISCLAIMER NOTE**  
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. ALL DISCREPANCIES MUST BE IMMEDIATELY REPORTED TO THE ENGINEER.  
CALL BEFORE YOU DIG: 1-800-227-2600.

Call before you Dig  
Call before you Overhead  
1-800-227-2600  
1-702-593-6111  
1-702-455-7544

Call before you Underground  
1-702-455-7511  
1-702-432-6300  
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

HANSEN #36655