

- LEGEND**
- PROP. UNDERGROUND STREET LIGHT CONDUIT.
 - - - PRIVATE STREET ESMT.
 - R.O.W
 - PROPOSED 100W HPS SINGLE STREETLIGHT ASSEMBLY PER USD 314 OR 316.
 - PROPOSED SERVICE PEDESTAL.
 - ▭ PROPOSED PULLBOX PER USD 326.
 - BLUE REFLECTOR
 - STREET NAME SIGN
 - R1-1 "STOP SIGN" WITH D3'S
 - TRAFFIC SIGN
 - MATCHLINE
 - SIGHT VISIBILITY ZONE
 - STOP R1-1 "STOP SIGN"
 - SPEED LIMIT 25 R2-1 "SPEED LIMIT SIGN"
 - NO PARKING R7-31A "NO PARKING ANY TIME SIGN"
- Street Name ^{BY} _{NO} D3 "STREET NAME SIGN"
PRIVATE STREET NAME STDS. CLV

- CONSTRUCTION NOTES**
1. INSTALL LED STREETLIGHT AND FOUNDATION PER CCAUSD #314, #320, AND #321.
 2. INSTALL P30 PULL BOX PER CCAUSD #761.
 3. PROPOSED FIRE HYDRANT.
 4. INSTALL BLUE REFLECTIVE MARKER PER FIRE DEPARTMENT GENERAL NOTES 11.
 5. INSTALL 1-1/4" PVC STREET LIGHT CONDUIT AND WIRE.
 6. INSTALL 200 AMP SERVICE PEDESTAL PER CCAUSD #330, #331, AND #332.
 7. STUB AND CAP STREETLIGHT CONDUIT FOR FUTURE USE.
 8. END CONDUIT AND CIRCUIT AT STREETLIGHT.
 9. INSTALL A3-1/2 PULL BOX.
 10. INSTALL 4" PVC FAST CONDUIT WITH #8 BARE TRACER WIRE.
 11. INSTALL 30"x30" R1-1 STOP SIGN.
 12. INSTALL 24"x18" R7-31APR NO PARKING SIGN.
 13. INSTALL 24"x18" R2-1 SPEED LIMIT SIGN.
 14. INSTALL (2) 12" D3 STREET SIGNS PER CCAUSD #250.
 15. INSTALL 4" WIDE WHITE EDGE STRIPING.
 16. INSTALL 8" WIDE WHITE EDGE STRIPING.
 17. INSTALL 0M-3R EVERY 35' O.C.
 18. INSTALL TYPE 4 LANE LINE PER CCAUSD #244.1.
 19. EXISTING STRIPING TO REMAIN.
 20. OBLITERATE EXISTING STRIPING.
 21. INSTALL TYPE IIIA BARRICADES PER CCAUSD #901.
 22. INSTALL LANE DELINEATION W/ 24" CHEKERON MARKINGS PER CCAUSD #245.
 23. INSTALL LANE DELINEATION W/ 24" YELLOW STRIPES PER CCAUSD #245.
 24. INSTALL YELLOW TYPE I CENTERLINE (RAISED BUTTONS) PER CCAUSD #244.
 25. INSTALL MEDIAN NOSE MARKINGS PER CCAUSD #248.
 26. INSTALL (2) 4" SCHEDULE 40 PVC IRRIGATION SLEEVES (VERIFY ALL IRRIGATION CROSSINGS WITH LANDSCAPE PLANS).

NOTE:
ADVANTAGE CIVIL DESIGN GROUP ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITIES SHOWN OR NOT SHOWN. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM RECORD INFORMATION AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY BOTH THE HORIZONTAL AND VERTICAL LOCATION OF ALL RELEVANT UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF A CONFLICT OR DISCREPANCY IS DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING IMMEDIATELY.

NOTE: CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEERING DIVISION (TRANSPORTATION SECTION) THROUGH THE PROJECT'S OFFSITE INSPECTOR PRIOR TO INITIATING PAVING TO RECEIVE DIRECTION FOR ANY PERMANENT OR TEMPORARY MODIFICATIONS TO THE APPROVED DRAWINGS REGARDING FINAL PAVEMENT TRANSITIONS, MARKINGS AND SIGNING THAT ARE REQUIRED TO MATCH ADJACENT ROADWAY SEGMENTS. THE CONTRACTOR SHALL PROVIDE A DRAWING FOR APPROVAL BY THE TRAFFIC ENGINEERING DIVISION DEPICTING ANY ADJUSTMENTS TO THE FINAL PAVEMENT MARKINGS AND SIGNAGE, WHICH MAY INCLUDE OMITTING, ADDING OR MODIFYING PAVEMENT MARKINGS AND TRAFFIC CONTROL SIGNS SUCH THAT ADEQUATE TRANSITIONS AND LANE TERMINATIONS BETWEEN ADJACENT ROADWAY SEGMENTS ARE CONSTRUCTED.

SIGHT VISIBILITY NOTE:
NO WALLS, FENCES, TREES, SHRUBS UTILITY APPURTENANCES OR ANY OTHER OBJECT OTHER THAN TRAFFIC CONTROL DEVICES AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR INSTALLED WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24 INCHES IN HEIGHT, MEASURED FROM TOP OF CURB, OR WHERE NO CURB EXISTING, A HEIGHT OF 22 INCHES MEASURED FROM THE TOP OF ADJACENT ASPHALT, GRAVEL OR PAVEMENT STREET SURFACE.

STREETLIGHT CIRCUIT CAPACITY VERIFICATION FOR CIRCUIT "A"

SERVICE PEDESTAL LOCATION: EAST SIDE OF TIOGA WAY AT STATION 16+50±

CITY OF LAS VEGAS (COMPLETE IF EXISTING SERVICE):

DATE OF CAPACITY VERIFICATION: N/A

ENGINEER OF THE OFFSITE PLANS:

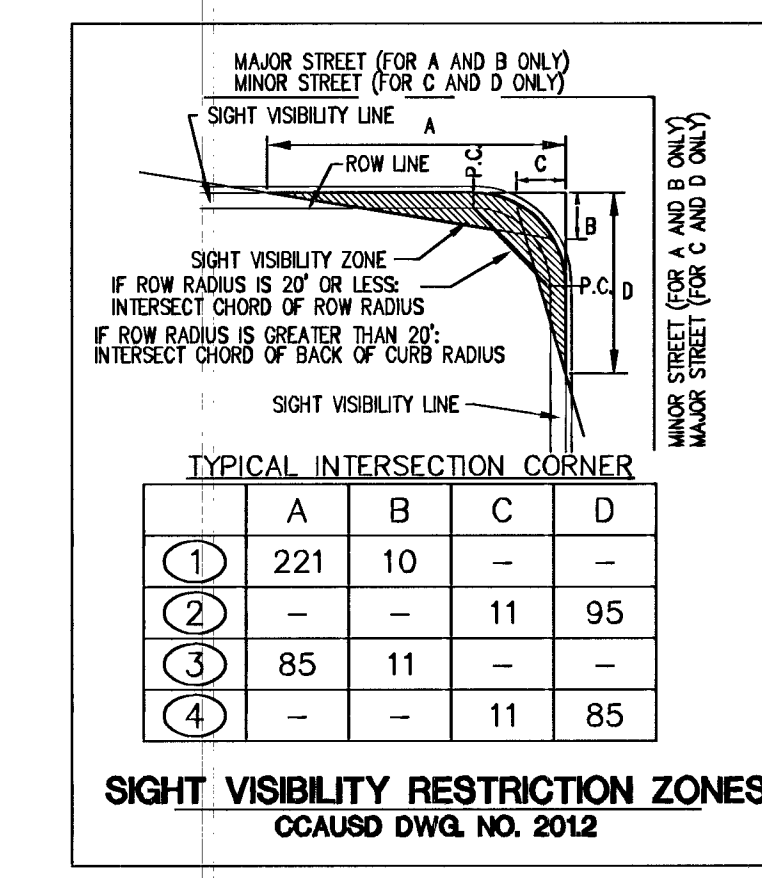
PERSON WHO DID THE CALCULATIONS: MIKAL KINTNER

CONSULTING ENGINEERING FIRM: ADVANTAGE CIVIL DESIGN GROUP

CAPACITY CALCULATIONS			
	CIRCUIT CAPACITY	60	AMPS
1.	NUMBER OF 100 WATT STILTS @ 1.0 AMPS/EA	10	AMPS
2.	MAXIMUM CONTINUOUS CURRENT DRAW (BOX)	48	AMPS
3.	EXISTING CIRCUIT LOAD (ENTER 0 IF NEW)	0	AMPS
4.	AVAILABLE (2 MINUS 3)	48	AMPS

PROPOSED LUMINAIRE LOAD TO CIRCUIT

5.	10	NUMBER OF 100 WATT STILTS @ 1.0 AMPS/EA	10	AMPS
6.	11	NUMBER OF 250 WATT STILTS @ 1.5 AMPS/EA	16.5	AMPS
7.		TOTAL PROPOSED ADDITIONAL LOAD (5+6)	26.5	AMPS
8.		REMAINING AVAILABLE LOAD (4 MINUS 7)	21.5	AMPS



FAST
Call before you Dig
Underground
1-702-227-2929

Call 811
Call before you Dig
Underground
1-800-227-2600

BASIS OF BEARINGS
NORTH 84°40'02" EAST BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 10, TOWNSHIP 13 SOUTH, RANGE 00 EAST, W.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK

BENCHMARK
BENCHMARK STATION: BLV90 10SSWB
CITY OF LAS VEGAS RIVET AND PLATE IN CONCRETE CYLINDER, AT THE NORTHWEST CORNER OF GRAND TETON DRIVE AND PIONEER WAY.
ELEVATION=730.741 METERS (NAVIG89)
ELEVATION=2397.44 U.S. SURVEY FEET (NAVIG-88)

ADVANTAGE CIVIL DESIGN GROUP, LLP
29700 N. GREEN VALLEY PKWY.,
SUITE 4 STE. #422
HENDERSON, NEVADA 89014
OFFICE: 702.492.2244
FAX: 702.496.2244
Email: MAIL@ADVANTAGECIVIL-AM.COM

VERONA ESTATES
RICHMOND AMERICAN HOMES OF NV

STREETLIGHT & SIGNAGE PLAN 1

REVISIONS

NO.	DATE	DESCRIPTION

JOB NUMBER: 63-001
DRAWN BY: MK
DESIGNED BY: BGD
CHECKED BY: JRM
DATE: 8/2014

SS1 19 20
CLV #54192 107Y5002