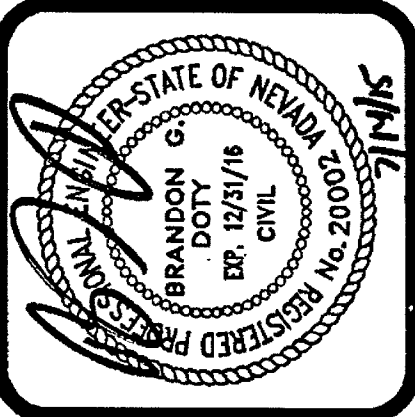


LEGEND

- 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
- R1-1 "STOP SIGN"
- R2-1 "SPEED LIMIT SIGN"
- R7-31A "NO PARKING ANY TIME SIGN"
- D3 "STREET NAME SIGN" PRIVATE STREET NAME STDS. CLV

ADVANTAGE CIVIL DESIGN GROUP, LLP
 2920 N. GREEN VALLEY PKWY.
 BLDG. 4 5TH FL. #422
 HENDERSON, NEVADA 89014
 OFFICE: 702.492.2794
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 EMAIL: MAL@ADVANTAGECIVIL-LLP.COM
 CIVIL ENGINEERING CONSULTING PLANNING



STREETLIGHT & SIGNAGE PLAN 2
VERONA ESTATES
RICHMOND AMERICAN HOMES OF NV
RP Wedde II & Sons

NO.	DATE	DESCRIPTION
1	08/17/15	ISSUED FOR PERMITTING AND RECORDING
2	12/10/15	ISSUED FOR PERMITTING AND RECORDING

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

SS2 20 25

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:
 SEE SHEETS N15H FOR TOTAL PROJECT QUANTITIES AND GENERAL NOTES.

FAST
 Call before you Dig
 Call before you UnderGround
 1-702-227-2929
 1-800-227-2600

Call before you Dig
Call 811
 Call before you 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 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK COUNTY RECORDS.

BENCHMARK
 BENCHMARK STATION: 8190 10SSM6
 CITY OF LAS VEGAS NINET AND PLATE IN CONCRETE CYLINDER, AT THE NORTHWEST CORNER OF GRAND TETON DRIVE AND PIONEER WAY.
 ELEVATION=730.741 METERS (NAVD'83)
 ELEVATION=2397.44 U.S. SURVEY FEET (NAVD-88)

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 EXISTS, A HEIGHT OF 27 INCHES MEASURED FROM THE TOP OF ADJACENT ASPHALT, GRAVEL OR PAVEMENT STREET SURFACE.

GENERAL NOTES
 1. SEE PARCEL MAP FOR EXACT BEARINGS AND DISTANCES.
 2. CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
 3. ALL GRADING WORK TO CONFORM TO SOILS REPORT AS PREPARED FOR THIS PROJECT.
 4. CONTRACTOR SHALL REMOVE EXCESS DEBRIS AND VERIFY WALL FOOTING ELEVATION PRIOR TO CONSTRUCTION, REPORT DISCREPANCIES TO ENGINEER IMMEDIATELY.

- CONSTRUCTION NOTES**
- INSTALL LED STREETLIGHT AND FOUNDATION PER CCAUSD #314, #320, AND #321.
 - INSTALL P30 PULL BOX PER CCAUSD #761.
 - PROPOSED FIRE HYDRANT.
 - INSTALL BLUE REFLECTIVE MARKER PER FIRE DEPARTMENT GENERAL NOTES 11.
 - INSTALL 1-1/4" PVC STREET LIGHT CONDUIT AND WIRE.
 - INSTALL 200 AMP SERVICE PEDESTAL PER CCAUSD #331, #331, AND #332.
 - STUB AND CAP STREETLIGHT CONDUIT FOR FUTURE USE.
 - END CONDUIT AND CIRCUIT AT STREETLIGHT.
 - INSTALL #3-1/2 PULL BOX.
 - INSTALL 4" PVC FAST CONDUIT WITH #8 BARE TRACER WIRE.
 - INSTALL 30"x30" R1-1 STOP SIGN.
 - INSTALL 24"x18" R7-31A NO PARKING SIGN.
 - INSTALL 24"x18" R2-1 SPEED LIMIT SIGN.
 - INSTALL (2) 12" D3 STREET SIGNS PER CCAUSD #250.
 - INSTALL 4" WIDE WHITE EDGE STRIPING.
 - INSTALL 8" WIDE WHITE EDGE STRIPING.
 - INSTALL 0M-3R EVERY 35' O.C.
 - INSTALL TYPE 4 LANE LINE PER CCAUSD #244.1.
 - EXISTING STRIPING TO REMAIN.
 - OBITERATE EXISTING STRIPING.
 - INSTALL TYPE IIIA BARRICADES PER CCAUSD #501.
 - INSTALL LANE DELINEATION W/ 24" CHEVRON MARKINGS PER CCAUSD #245.
 - INSTALL LANE DELINEATION W/ 24" YELLOW STRIPES PER CCAUSD #245.
 - INSTALL YELLOW TYPE I CENTERLINE (RAISED BUTTONS) PER CCAUSD #244.
 - INSTALL MEDIAN NOSE MARKINGS PER CCAUSD #245.
 - INSTALL 30"x30" R1-1 STOP SIGN.

STREETLIGHT CIRCUIT CAPACITY VERIFICATION SP-2
CIRCUIT "B" (PRIVATE SEWER)

SERVICE PEDESTAL LOCATION: SOUTHWEST OF THE INTERSECTION OF ZONAL & PIONEER

CITY OF LAS VEGAS (COMPLETE IF EXISTING SERVICE)

DATE OF CAPACITY VERIFICATION: N/A

ENGINEER OF THE OFFSITE PLANS:
 BRANDON DOTY
 ADVANTAGE CIVIL DESIGN GROUP

PERSON WHO DID THE CALCULATIONS:
 ADVANTAGE CIVIL DESIGN GROUP

CAPACITY CALCULATIONS		
NO.	DESCRIPTION	AMPS
1.	CIRCUIT CAPACITY	60
2.	MAXIMUM CONTINUOUS CURRENT DRAW (80%)	48
3.	EXISTING CIRCUIT LOAD (ENTER 0 IF NEW)	0
4.	AVAILABLE (2 MINUS 3)	48
PROPOSED LUMINAIRE LOAD TO CIRCUIT		
5.	NUMBER OF 100 WATT STILTS @ 1.0 AMPS/EA	8
6.	TOTAL PROPOSED ADDITIONAL LOAD (5+6)	8
7.	REMAINING AVAILABLE LOAD (4 MINUS 7)	40

FOR SIZE VISIBILITY RESTRICTION ZONES TABLE
 SEE SHEET SS1 - STREETLIGHT & SIGNAGE PLAN 1

FOR CIRCUIT "A" STREETLIGHT CIRCUIT CAPACITY VERIFICATION
 SEE SHEET SS1 - STREETLIGHT & SIGNAGE PLAN 1

CLV #54192