

DISCLAIMER NOTE:

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD 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. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

Avoid overhead power line contact. It's costly.

Call before you dig
1-702-227-2929

Nevada Power
Environment and Safety
Services Department

Avoid cutting underground utility lines. It's costly.

Call before you dig
1-800-227-2600

CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

LEGAL DESCRIPTION

ALL OF PARCEL Q AS SHOWN ON THE FINAL MAP OF SUMMERLIN VILLAGE 23B, UNIT No. 2 ON FILE IN THE OFFICE OF THE COUNTY RECORDER OF CLARK COUNTY, NEVADA, IN BOOK 145 OF PLATS AT PAGE 83, SITUATE IN SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

BENCHMARK

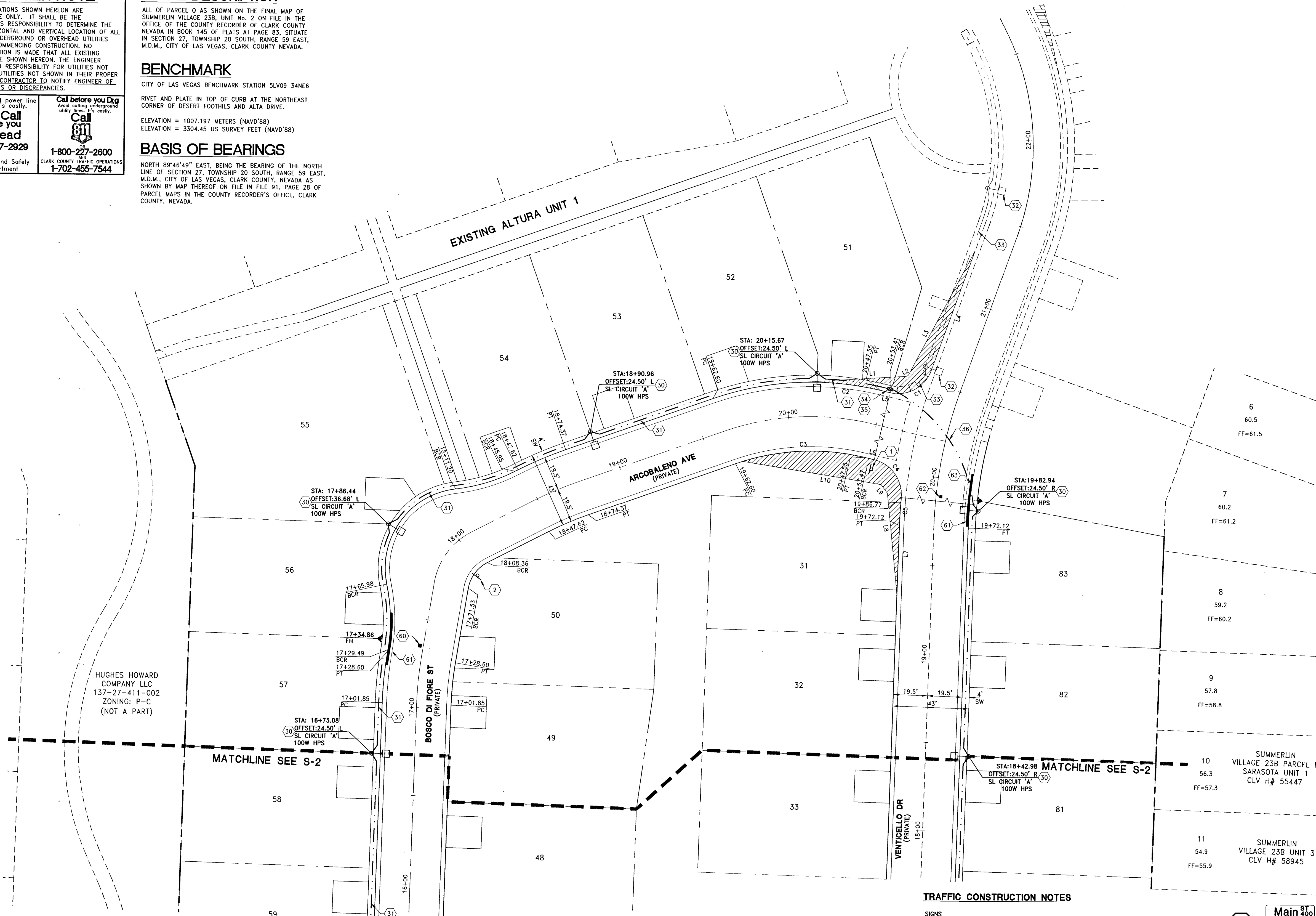
CITY OF LAS VEGAS BENCHMARK STATION 5LV09 34NE6

RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF DESERT FOOTHILLS AND ALTA DRIVE.

ELEVATION = 1007.197 METERS (NAVD'88)
ELEVATION = 3304.45 US SURVEY FEET (NAVD'88)

BASIS OF BEARINGS

NORTH 89°46'49" EAST, BEING THE BEARING OF THE NORTH LINE OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN BY MAP THEREOF ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.



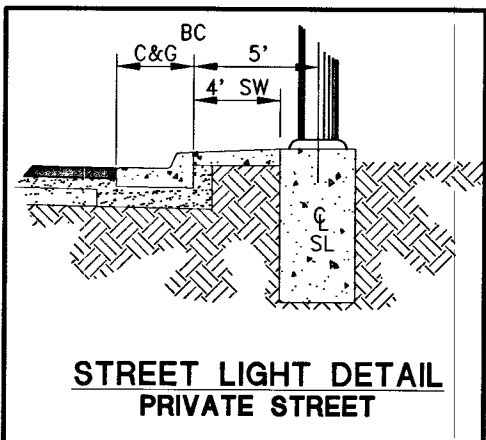
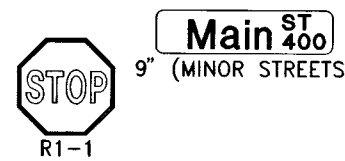
HUGHES HOWARD
COMPANY LLC
137-27-411-002
ZONING: P-C
(NOT A PART)

MATCHLINE SEE S-2

MATCHLINE SEE S-2

TRAFFIC CONSTRUCTION NOTES

- SIGNS**
- INSTALL 1-30" R1-1 STOP SIGN AND 2-9" STREET NAME SIGNS PER CCAUSD No. 250. NOTE: STREETS ARE PRIVATE. STREET SIGN SHALL BE A BROWN BACKGROUND WITH WHITE LETTERS AND ADDITIONAL LETTERING STATING "PRIVATELY MAINTAINED" IN LOWER RIGHT HAND CORNER OF SIGN.
 - INSTALL 2-9" STREET NAME SIGNS PER CCAUSD No. 250. NOTE: STREETS ARE PRIVATE. STREET SIGN SHALL BE A BROWN BACKGROUND WITH WHITE LETTERS AND ADDITIONAL LETTERING STATING "PRIVATELY MAINTAINED" IN LOWER RIGHT HAND CORNER OF SIGN.
 - INSTALL NO PARKING FIRE LANE SIGN - MIN 12" WIDE BY 18" HIGH. RED LETTERS ON A REFLECTIVE WHITE BACKGROUND.
- STREETLIGHTS**
- INSTALL SUMMERLIN TYPE 3 STREETLIGHT PER SSD E-1 AND E-2
 - INSTALL 1-1/4" PVC STREETLIGHT CONDUIT WITH 2-NO. 4 AND 1-NO. 8 GND THW
 - EXISTING STREETLIGHT
 - EXISTING STREETLIGHT CONDUIT
 - REMOVE EXISTING CAP AND CONNECT TO EXISTING STREETLIGHT CONDUIT
 - INSTALL No. 3-1/2 PULL BOX PER CCAUSD No. 326
 - INSTALL 1-1/4" PVC STREETLIGHT CONDUIT WITH PULL STRING ONLY
- PAVEMENT MARKINGS AND MISCELLANEOUS**
- INSTALL BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKERS ADJACENT TO THE FIRE HYDRANT ON ALL IMPROVED FIRE APPARATUS ACCESS ROADWAYS WITH HARD SURFACE, INCLUDING BOTH PUBLIC AND PRIVATE ROADS, OR FIRE LANES
 - PAINT CURB RED IN FRONT OF FIRE HYDRANT 15' EACH SIDE OF FIRE HYDRANT CL
 - EXISTING BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKERS
 - EXISTING RED PAINTED CURB IN FRONT OF FIRE HYDRANT
 - PAINT CURB RED 24" IN FRONT OF EMERGENCY ACCESS LOCATION

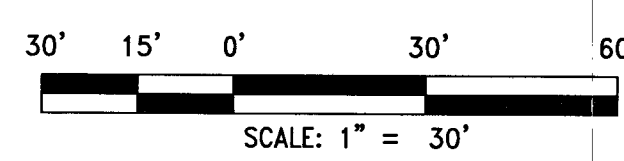
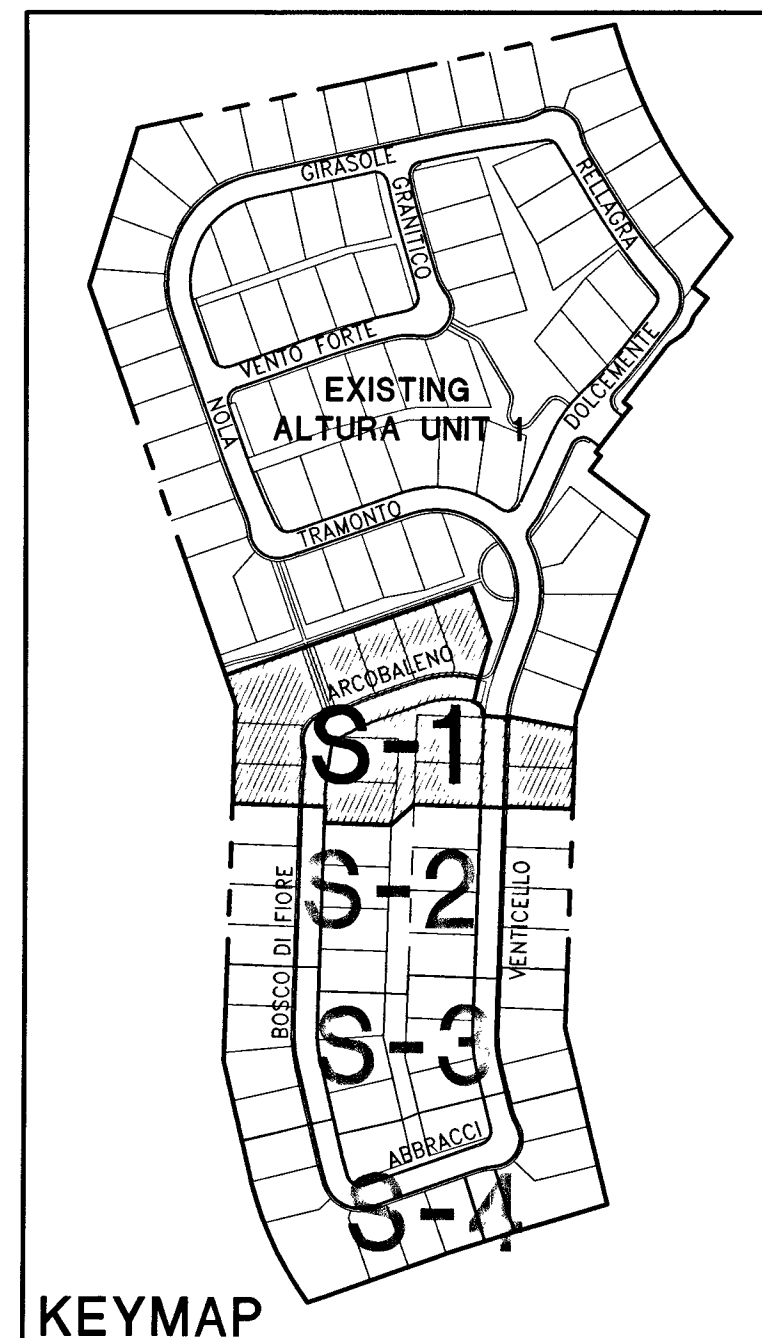


STREET LIGHT DETAIL
PRIVATE STREET

SIGHT VISIBILITY ZONE LINE TABLE		
LINE #	BEARING	LENGTH
L1	N86°16'40"E	59.45'
L2	N61°27'46"E	1.11'
L3	N27°50'02"E	79.96'
L4	S19°44'49"W	72.14'
L5	N77°01'52"W	5.87'
L6	S77°01'52"E	5.92'
L7	S1°46'07"W	38.89'
L8	N5°42'59"W	57.23'
L9	N35°57'08"W	6.06'
L10	N80°50'43"W	79.46'

SIGHT VISIBILITY ZONE LINE TABLE				
CURVE #	DELTA	RADIUS	LENGTH	TANGENT
C1	44°31'11"	20.02'	15.55'	8.19'
C2	15°03'49"	169.50'	44.56'	22.41'
C3	30°31'40"	130.50'	69.53'	35.61'
C4	82°09'29"	20.00'	28.68'	17.43'
C5	3°21'29"	269.50'	15.79'	7.90'

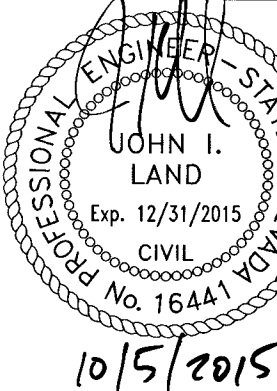
STREETLIGHT CIRCUIT CAPACITY VERIFICATION FOR PRIVATE CIRCUIT		
CAPACITY CALCULATIONS		
1 CIRCUIT CAPACITY:	60	AMPS
2 MAXIMUM CONTINUOUS CURRENT DRAW (80%)	48	AMPS
3 EXISTING CIRCUIT LOAD (ENTER 0 IF NEW)	11	AMPS
4 AVAILABLE (2 MINUS 3)	37	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT:		
5 17 NUMBER OF 100 WATT STILTS @ 0.5 AMPS/EA	8.5	AMPS
6 0 NUMBER OF 150 WATT STILTS @ 0.75 AMPS/EA	0	AMPS
7 0 NUMBER OF 250 WATT STILTS @ 1.25 AMPS/EA	0	AMPS
8 TOTAL PROPOSED ADDITIONAL LOAD (5+6+7)	8.5	AMPS
REMAINING AVAILABLE LOAD (4 MINUS 8)	28.5	AMPS



TOLL SOUTHLV, LLC
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RCI Engineering
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PH702.453.0800 FAX702.453.0801

ALTA UNIT 2 AT SUMMERLIN AT VILLAGE 23B
A SINGLE FAMILY RESIDENTIAL SUBDIVISION
STREET LIGHT, SIGNAGE AND STRIPING PLAN
(SHEET 1 OF 4)



DRAWING
S-1
SHT 19 OF 22
CLV DRAWING NUMBER
10715024-2
CLV PROJECT # 60827