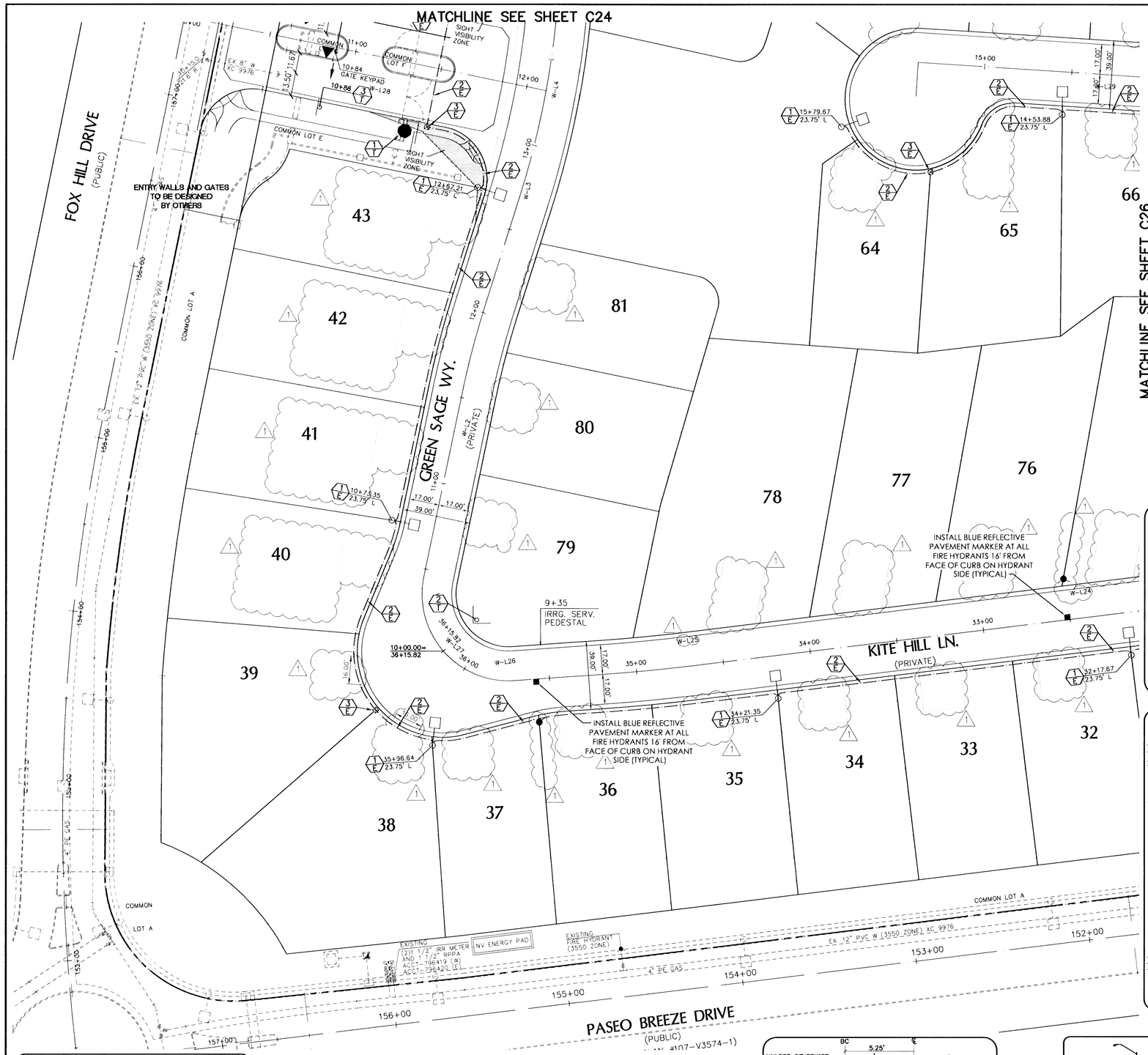
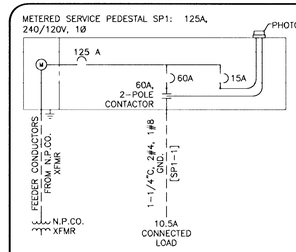


LEGEND

- NEW STREETLIGHT CONDUIT
- EX. STREETLIGHT CONDUIT
- NEW STREETLIGHT SERVICE PEDESTAL
- EX. STREETLIGHT SERVICE PEDESTAL
- NEW SINGLE STREETLIGHT
- NEW DOUBLE STREETLIGHT
- EXISTING STREETLIGHT
- FUTURE STREETLIGHT
- NEW PULL BOX
- EXISTING PULL BOX
- SVZ — SIGHT VISIBILITY ZONE
- 2– 9" STREET NAME SIGNS (D3) & 30" STOP SIGN (R1–1)
- 2– 9" STREET NAME SIGNS (D3)
- STOP — R1–1 (30")
- R7–1APR (24"x30")
- 25 MPH — R2–1 (18"x18")
- 0" LIP DRIVEWAY

METERED SERVICE PEDESTAL SP1: 125A, 240/120V, 1Ø



NOTE:
THE DESIGN PROFESSIONAL HAS PERFORMED ALL THE REQUIRED VOLTAGE DROP CALCULATIONS FOR ALL BRANCH CIRCUITS AND FEEDERS PER 2005 NATIONAL ELECTRICAL CODE ARTICLE 210.19(A)(1) FPN No. 4.

GENERAL ELECTRICAL NOTES:

1. ALL UNDERGROUND CONDUIT SHALL BE TYPE RNC (RIGID NONMETALLIC CONDUIT), SCHEDULE 40 PVC AND SHALL BE INSTALLED PER USD 404.1419 AND 501. ABOVE GRADE CONDUIT SHALL BE TYPE RMC (RIGID METALLIC CONDUIT). CONDUIT RISERS SHALL BE TYPE RMC WITH PVC COATING OR TAPE WRAP. ALL CONDUIT WHICH WOULD OTHERWISE BE EMPTY SHALL INCLUDE A NYLON PULLSTRING AND 1#8 FOR LOCATING PURPOSES.

2. ALL CONDUCTORS SHALL BE STRANDED, 600-VOLT, TYPE THW INSULATED COPPER.

3. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL ELECTRICAL COMPONENTS AND HARDWARE AS REQUIRED BY THE NATIONAL ELECTRICAL CODE, LATEST EDITION AND SHALL COMPLY WITH THE REQUIREMENTS OF THE INSPECTING AUTHORITY HAVING JURISDICTION.

PROFESSIONAL ENGINEER – STATE OF NEVADA – JONATHAN D. TULL – No. 16033 – Exp. 06/30/2012 – ELECTRICAL

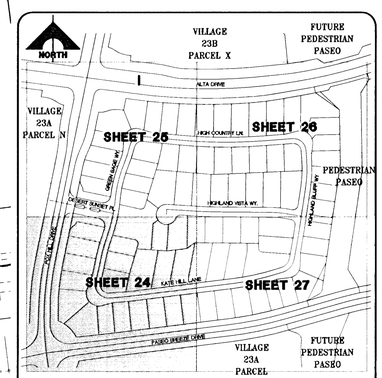
DATE: 7/6/2011
FOR ELECTRICAL COMPONENTS ONLY

PROFESSIONAL ENGINEER – STATE OF NEVADA – JOHN T. BROWN – Exp. 12/31/2012 – ELECTRICAL – No. 16035

DATE: 7/6/2011
FOR ELECTRICAL COMPONENTS ONLY

SERVICE PEDESTAL CIRCUIT CAPACITY VERIFICATION

CIRCUIT NAME:	SP1–1	
CIRCUIT TYPE:	STREET LIGHTING (PROPOSED)	
VOLTAGE:	240	
CIRCUIT CAPACITY:	60	
MAXIMUM CONTINUOUS CURRENT DRAW IS 80% OF CIRCUIT CAPACITY:	48	
EXISTING CIRCUIT LOAD AMPS =	0	
	PROPOSED	
PROPOSED LOAD TO CIRCUIT:	QTY.	AMPS
100 WATT SINGLE LUMINAIRES AT 240V = 0.50 AMPS	21	10.50
150 WATT TWIN LUMINAIRES AT 240V = 0.75 AMPS	0	0.00
250 WATT SINGLE LUMINAIRES AT 240V = 1.25 AMPS	0	0.00
250 WATT TWIN LUMINAIRES AT 240V = 2.50 AMPS	0	0.00
TOTAL PROPOSED LOAD AMPS =	10.50	
EXISTING PLUS PROPOSED LOAD AMPS =	10.50	
REMAINING AVAILABLE LOAD AMPS: MAXIMUM–EXISTING–PROPOSED=	37.50	



SHEET INDEX MAP

SIGHT ZONE NOTE

NOTHING OVER 24" IN HEIGHT IN SIGHT ZONE EXCEPT TRAFFIC CONTROL DEVICES.

BENCHMARK

BM #	BENCHMARK	NAVD 88 DATUM	NAVD 88 DATUM
CLV BM No. D368 3	U.S.C.& G.S. BRASS DISC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.	3246.71 (FEET)	989.599 (METERS)

BASIS OF BEARINGS

NORTH 05° 59' 55" WEST BEING THE BEARING OF THE WEST LINE OF SECTION 34, T 20 S, R 59 E, 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 CLARK COUNTY RECORDERS OFFICE, CLARK COUNTY, NEVADA.

LEGAL DESCRIPTION

LOT 7, 8, & COMMON LOT "G" OF BLOCK B OF "SUMMERLIN VILLAGE 23A UNIT NO. 2" ON FILE IN BOOK 121, PAGE 12 OF PLATS IN THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA LYING WITHIN SECTION 34, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

CLV DRAWING NO.

STREETLIGHT CONSTRUCTION NOTES

1/E SUMMERLIN TYPE 3B STREETLIGHT PER SSD E-1

2/E PROPOSED 1-1/4" CONDUIT CONTAINING 2#4, 1#8 GND

3/E PROPOSED NO. 3-1/2 PULLBOX PER USD 326

4/E SERVICE PEDESTAL SP1. REFER TO ELECTRICAL SERVICE NOTES

5/E 1-1/4" CONDUIT ONLY

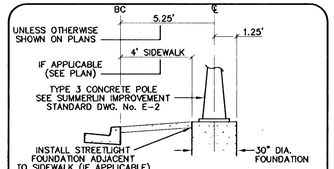
TRAFFIC CONSTRUCTION NOTES

1/T INSTALL 2-9" STREET NAME SIGNS (D3) PER USD 250 AND 30" STOP SIGN (R1-1)

2/T INSTALL 2-9" STREET NAME SIGNS (D3) PER USD 250

3/T INSTALL 25 MPH SPEED LIMIT SIGN (R2-1)

4/T SERVICE PEDESTAL SP-1. REFER TO ELECTRICAL SERVICE NOTES



TYPICAL STREETLIGHT LOCATION
NOT TO SCALE

Call before you UnderGround
1-702-455-7511
1-702-229-6611

AVOID HITTING OVERHEAD POWER LINES IT'S COSTLY
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

Call before you Dig
Avoid hitting underground utility lines. It's costly.
Call 811
1-800-227-2600
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

127528

PROJECT NO. 62023-980

DESIGN: DRAWN: CHECK:
PLOT DATE: 06-30-11
PLOT TIME: 08:42:38

REV	DATE	DESCRIPTION	DATE	AGEN APP	DATE	GOV APP
1	5/3/11	REVISED DRIVEWAYS AND PAD LOCATIONS, REVISED FIRE HYDRANT LOCATIONS	7/6/11	KS		

G.C. WALLACE COMPANIES
ENGINEERS | PLANNERS | SURVEYORS
1555 SUNDROW ROAD, LAS VEGAS, NV 89146
T: 702.804.2000 F: 702.804.2299 · GCWALLACE.COM
LAS VEGAS · SACRAMENTO · RENO

F:\Projects\600\62023-980\DWG\Production\ANDAC024-traffic1.dwg
Michael Fong

THE HOWARD HUGHES COMPANY, LLC

SUMMERLIN VILLAGE 23A PARCEL L
ANDALUSIA

STREETLIGHT AND TRAFFIC CONTROL PLAN I

DRAWING
C24
24 OF 31 SHTS