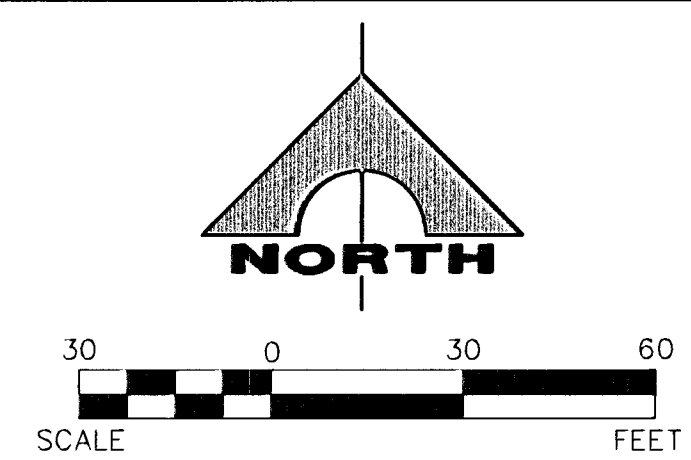
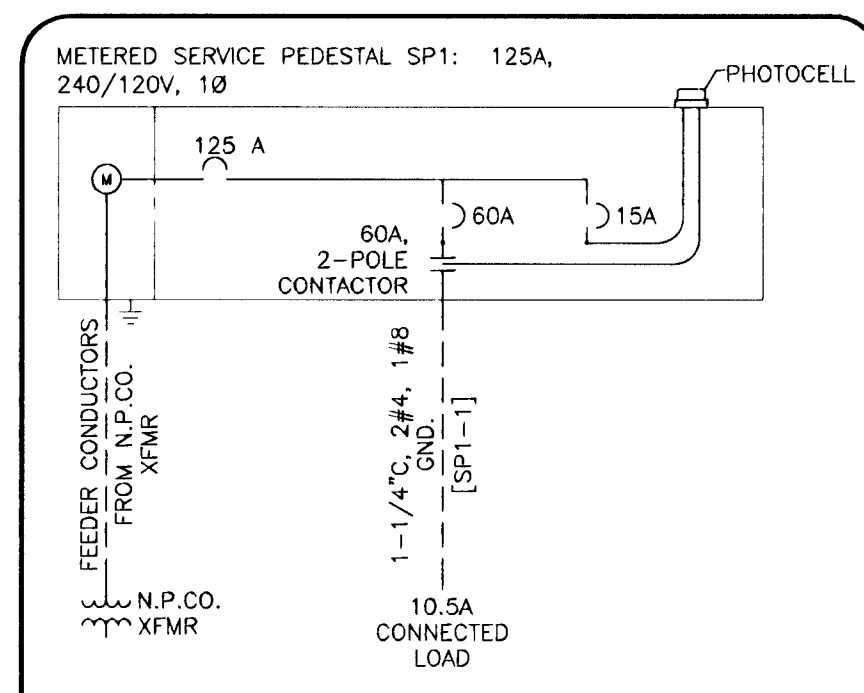




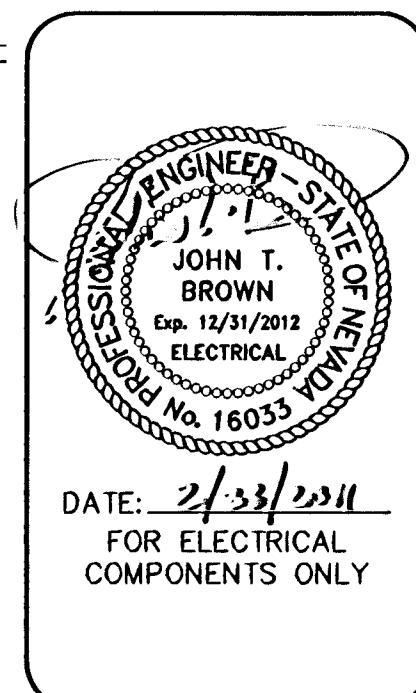
- # LEGEND
- | | |
|---|--|
|  | NEW STREETLIGHT CONDUIT |
|  | NEW STREETLIGHT SERVICE PEDESTAL |
|  | NEW SINGLE STREETLIGHT |
|  | NEW DOUBLE STREETLIGHT |
|  | EXISTING STREETLIGHT |
|  | FUTURE STREETLIGHT |
|  | NEW PULL BOX |
|  | EXISTING PULL BOX |
|  | SVZ |
|  | 2- 9" STREET NAME SIGNS (D3)
& 30" STOP SIGN (R1-1) |
|  | 2- 9" STREET NAME SIGNS (D3) |
|  | R1-1 (30") |
|  | R7-1APR (24"x30") |
|  | R2-1 (18"x18") |
|  | 0" LIP DRIVEWAY |



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.

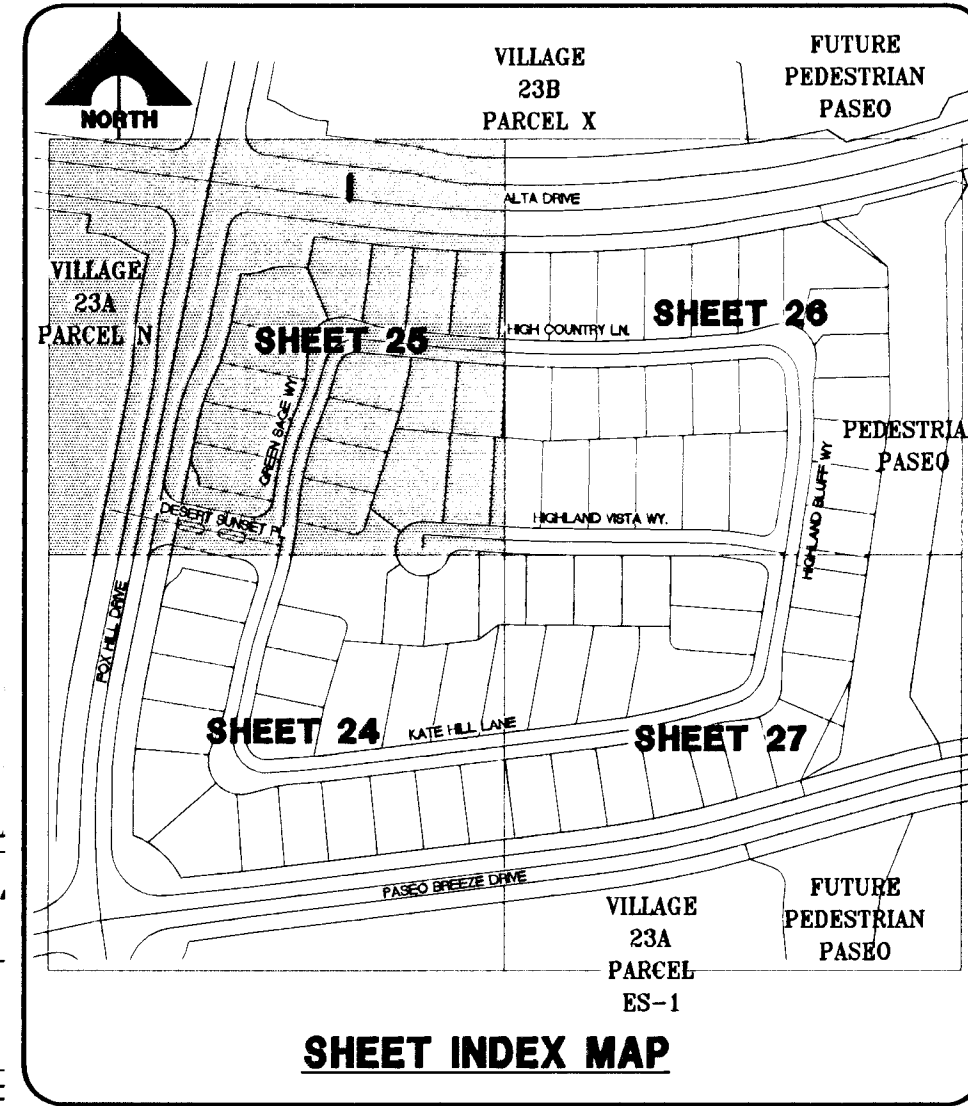
GENERAL ELECTRICAL NOTES:

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.



SERVICE PEDESTAL CIRCUIT CAPACITY VERIFICATION

CIRCUIT NAME:		SPI-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 LOAD TO CIRCUIT:		PROPOSED
100 WATT SINGLE LUMINAIRES AT 240V = 0.50 AMPS		QTY. AMPS
100 WATT TWIN LUMINAIRES AT 240V = 0.75 AMPS		21 10.50
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



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

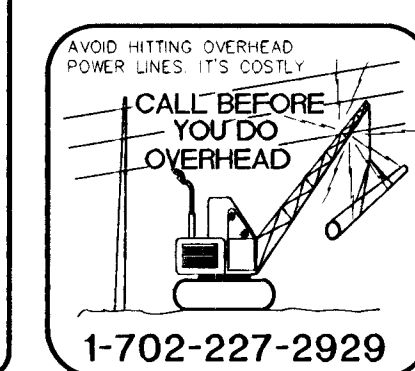
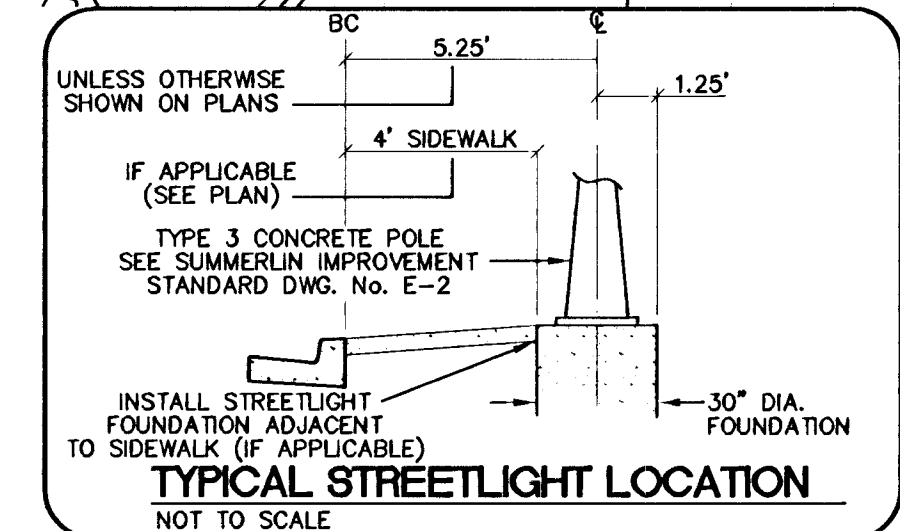
LOT 7, 8, & COMMON LOT "G" OF BLOCK B OF
"SUMMERLIN VILLAGE 23A UNIT NO. 2" ON FILE IN
BOOK 121, PAGE 12 OF PLATS IN THE COUNTY
RECORDER'S OFFICE, CLARK COUNTY, NEVADA LYING
WITHIN SECTION 34, TOWNSHIP 20 SOUTH, RANGE 59
EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY,
NEVADA.

STREETLIGHT CONSTRUCTION NOTES

- | | |
|--------|---|
| 1
E | SUMMERLIN TYPE 3B STREETLIGHT PER SSD E-1 |
| 2
E | PROPOSED 1-1/4" CONDUIT CONTAINING 2#4, 1#3 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

- | | |
|---|--|
|  | INSTALL 2-9" STREET NAME SIGNS (D3) PER USD 250 AND 30" STOP SIGN (R1-1) |
|  | INSTALL 2-9" STREET NAME SIGNS (D3) PER USD 250 |
|  | INSTALL 25 MPH SPEED LIMIT SIGN (R2-1) |
|  | SERVICE PEDESTAL SP-1. REFER TO ELECTRICAL SERVICE NOTES |

CLV DRAWING NO. 107Y4975

DATE: 7-2-2012

[illegible]

PROJECT NO.	62023-980
DESIGN:	
DRAWN:	
CHECK:	
PLOT DATE:	02-23-11
PLOT TIME:	11:36:21

G.C. WALLACE COMPANIES
ENGINEERS | PLANNERS | SURVEYORS
133 S. RAINBOW BOULEVARD • LAS VEGAS, NV 89146
P: 702.669.2000 • F: 702.669.2259 • GCWALLACE.COM

LAS VEGAS • SACRAMENTO • RENO

P: Projects 800.620.231 • 980 DWG Production ANDAC025-traffic2.dwg
Daniel Kelley

THE HOWARD HUGHES COMPANY, LLC SUMMERLIN VILLAGE 23A PARCEL L ANDALUSIA STREETLIGHT AND TRAFFIC CONTROL PLAN II H-40301	DRAWING
	C25
	25 OF 31 SHTS