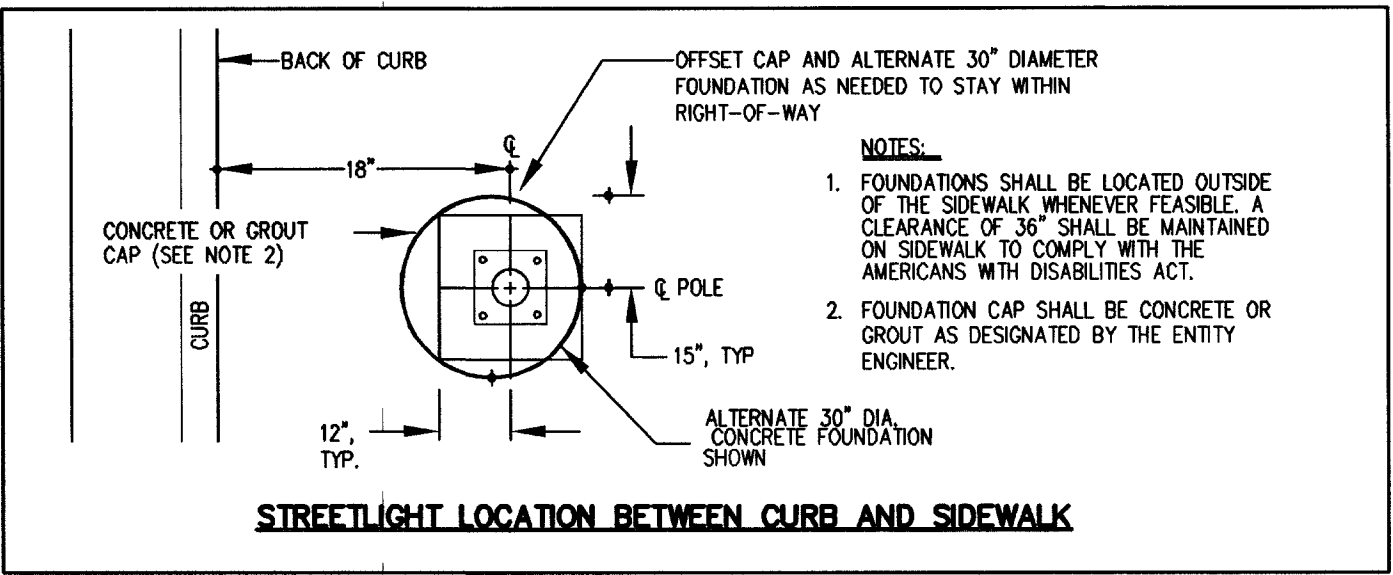
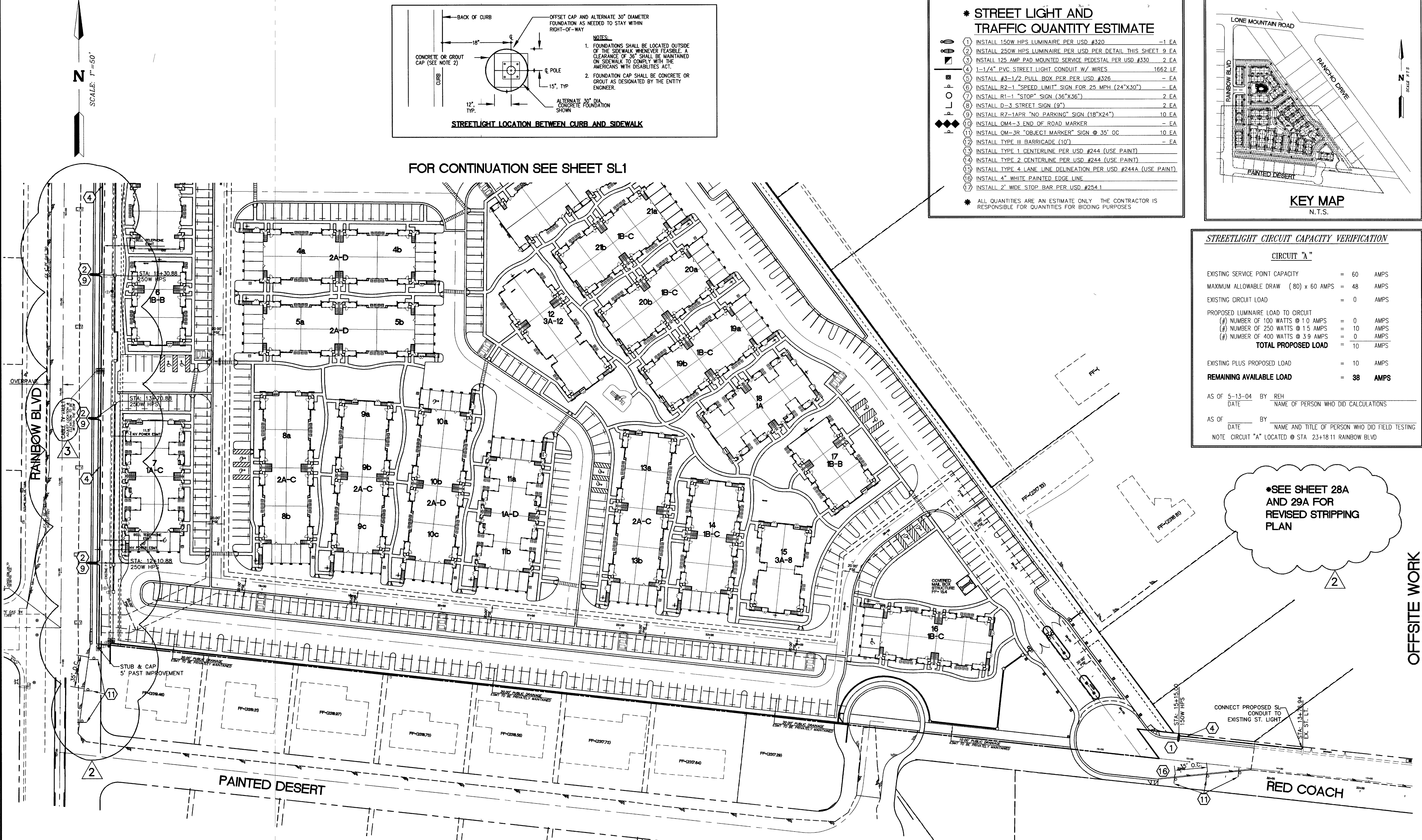
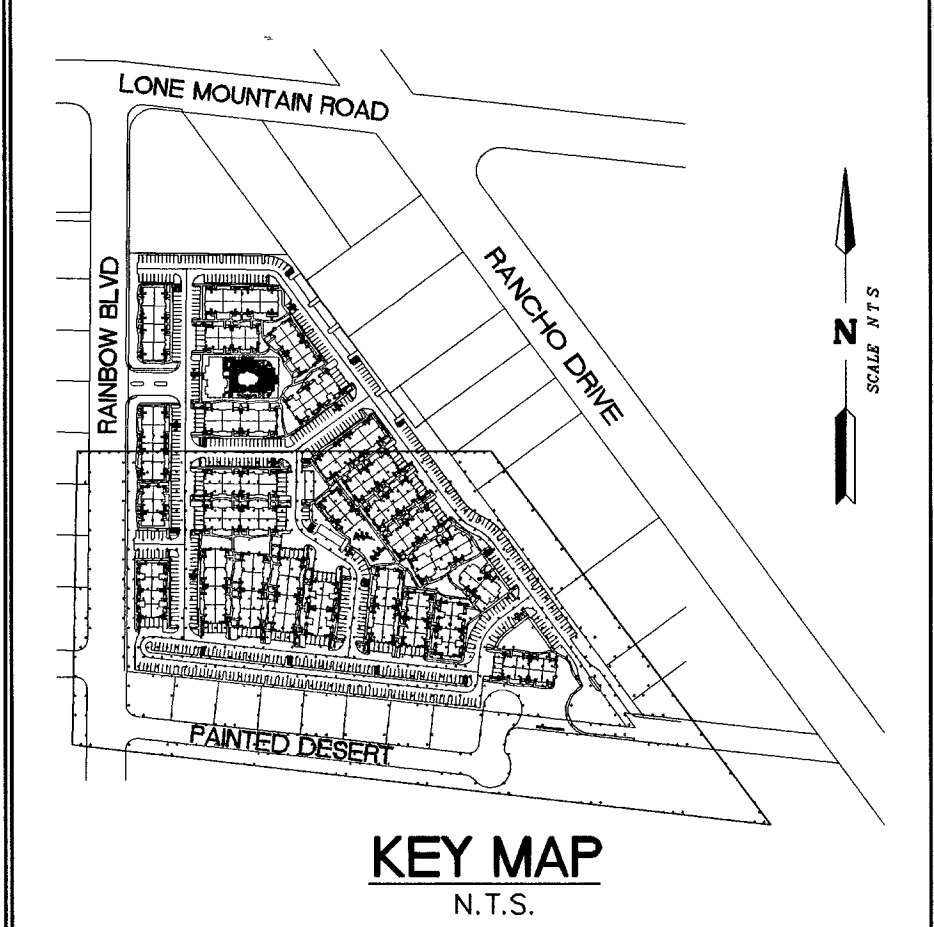




STREET LIGHT AND TRAFFIC QUANTITY ESTIMATE		
1	INSTALL 150W HPS LUMINAIRE PER USD #320	-1 EA
2	INSTALL 250W HPS LUMINAIRE PER USD PER DETAIL THIS SHEET 9 EA	
3	INSTALL 125 AMP PAD MOUNTED SERVICE PEDESTAL PER USD #330	2 EA
4	1-1/4" PVC STREET LIGHT CONDUIT W/ WIRES	1662 LF
5	INSTALL #3-1/2 PULL BOX PER USD #326	- EA
6	INSTALL R2-1 "SPEED LIMIT" SIGN FOR 25 MPH (24"x30")	- EA
7	INSTALL R1-1 "STOP" SIGN (36"x36")	2 EA
8	INSTALL D-3 STREET SIGN (9")	2 EA
9	INSTALL R7-1APB "NO PARKING" SIGN (18"x24")	10 EA
10	INSTALL OM4-3 END OF ROAD MARKER	- EA
11	INSTALL OM-3R "OBJECT MARKER" SIGN @ 35' OC	10 EA
12	INSTALL TYPE III BARRICADE (10')	- EA
13	INSTALL TYPE 1 CENTERLINE PER USD #244 (USE PAINT)	
14	INSTALL TYPE 2 CENTERLINE PER USD #244 (USE PAINT)	
15	INSTALL TYPE 4 LANE LINE DELINEATION PER USD #244A (USE PAINT)	
16	INSTALL 4" WHITE PAINTED EDGE LINE	
17	INSTALL 2' WIDE STOP BAR PER USD #2541	
* ALL QUANTITIES ARE AN ESTIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR QUANTITIES FOR BIDDING PURPOSES		

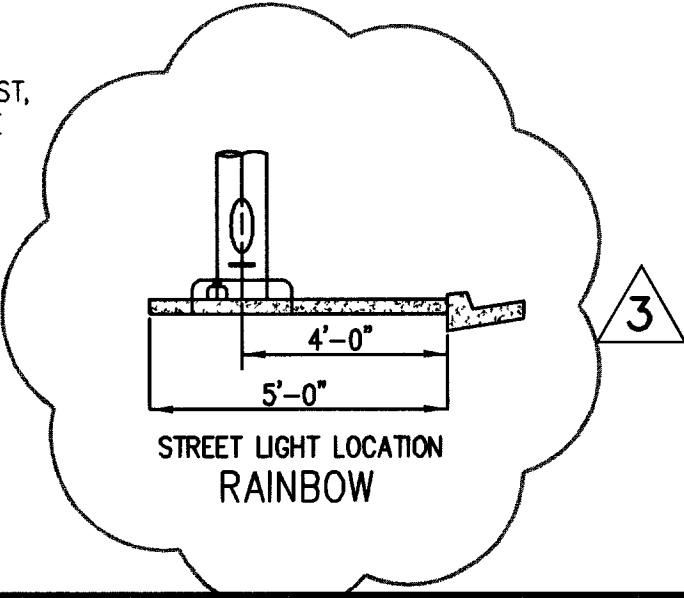


STREETLIGHT CIRCUIT CAPACITY VERIFICATION		
CIRCUIT "A"		
EXISTING SERVICE POINT CAPACITY	=	60 AMPS
MAXIMUM ALLOWABLE DRAW (80) x 60 AMPS	=	48 AMPS
EXISTING CIRCUIT LOAD	=	0 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT		
(#) NUMBER OF 100 WATTS @ 1.0 AMPS	=	0 AMPS
(#) NUMBER OF 250 WATTS @ 1.5 AMPS	=	10 AMPS
(#) NUMBER OF 400 WATTS @ 3.9 AMPS	=	0 AMPS
TOTAL PROPOSED LOAD	=	10 AMPS
EXISTING PLUS PROPOSED LOAD	=	10 AMPS
REMAINING AVAILABLE LOAD	=	38 AMPS
AS OF 5-13-04 BY REH	NAME OF PERSON WHO DID CALCULATIONS	
DATE		
AS OF	BY	NAME AND TITLE OF PERSON WHO DID FIELD TESTING
DATE		
NOTE: CIRCUIT "A" LOCATED @ STA 23+18.11 RAINBOW BLVD		

*SEE SHEET 28A AND 29A FOR REVISED STRIPPING PLAN

BASIS OF BEARINGS:
THE BASIS OF BEARING FOR THIS SURVEY IS THE WESTERLY LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 2, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, COUNTY OF CLARK, STATE OF NEVADA, WHICH BEARS NORTH 00°31'01" EAST, AS PER MAP RECORDED IN BOOK 105, PAGE 58 OF PLATS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

BENCH MARK:
CITY OF LAS VEGAS BENCH MARK 1LV00 3NEE6
CITY OF LAS VEGAS PIN AND PLATE IN THE TOP OF CURB, SOUTHWEST CORNER OF RAINBOW BOULEVARD AND RED COACH AVENUE NEAR THE PT OF RED COACH AVENUE
NAVD '88 DATUM
ELEVATION = 2319.021 U.S. SURVEY FEET
ELEVATION = 706.839 METERS



CAUTION TO CONTRACTOR !

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND 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.



Call before you Dig.
1-702-593-6111
NEVADA POWER & LIGHT
SAFETY SERVICES DEPARTMENT
1-800-227-2600
UNDERGROUND SERVICE (USA)

7/6/05 BK CHANGE BLG NUMBERS - KB 7/7/05	OVATION DEVELOPMENT	DESIGNING FOR THE FUTURE	PLANNERS - CONSULTING ENGINEERS - SURVEYORS
10/9/06 BK MOVE BC ON RAINBOW 5' WEST, ADJUST AFFECTED IMPROVEMENTS, ADD SHEET 28A	1175 AMERICAN PARKWAY, SUITE F LAS VEGAS, NEVADA 89102	CONTACT: JAN COYER (702) 990-2325	1000 WINNET RANCH DRIVE, FERNBERG, NEVADA 89074 (702) 248-6415
11/20/06 CS ADD UTIL INFO, ADD STREET LIGHT DETAIL	STREET LIGHT AND TRAFFIC PLAN II	LONE MOUNTAIN APARTMENTS	
	DRAWN BY: REH	CHECKED BY: PL	PROJECT NO: 692-E169
	DESIGNED BY: REH	CHECKED BY: PL	SCALE: 1" = 50'
			SHEET 29 OF 41 SHEETS
			DRAWING NO. 107V4322