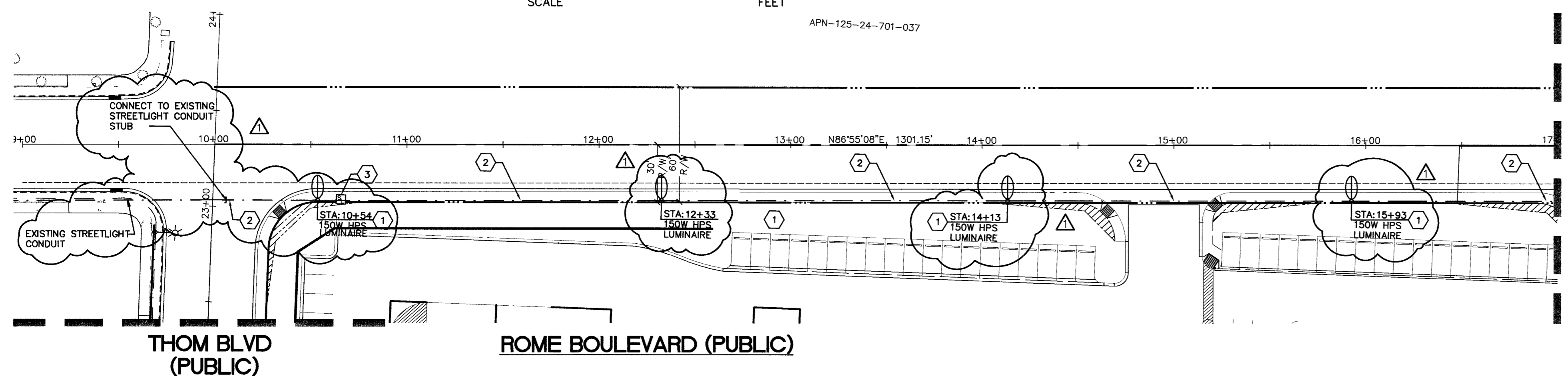
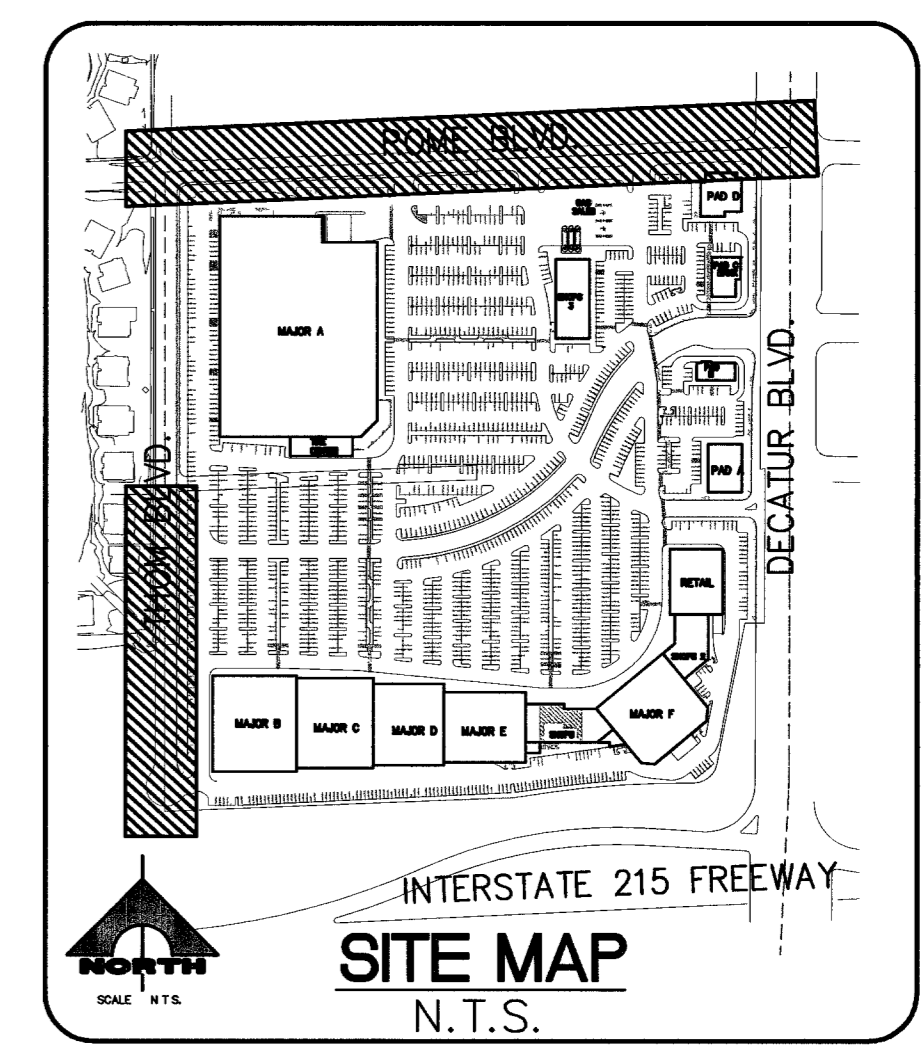
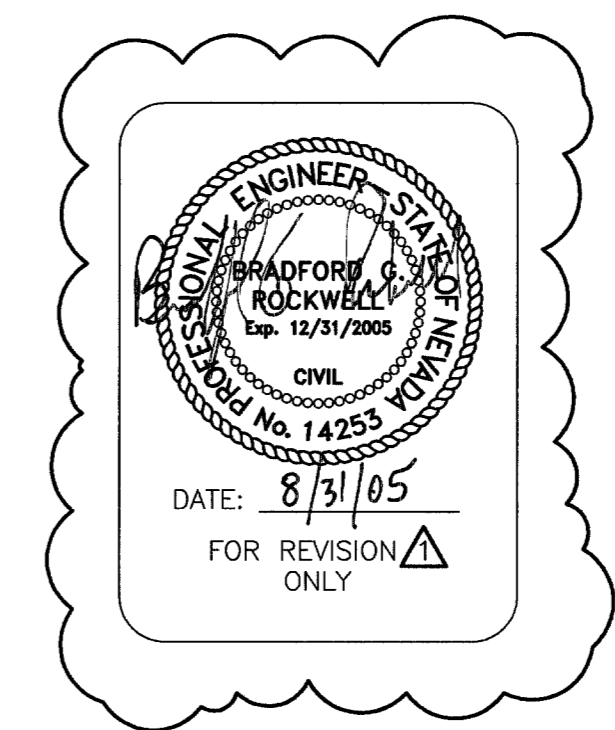


APN-125-24-701-037

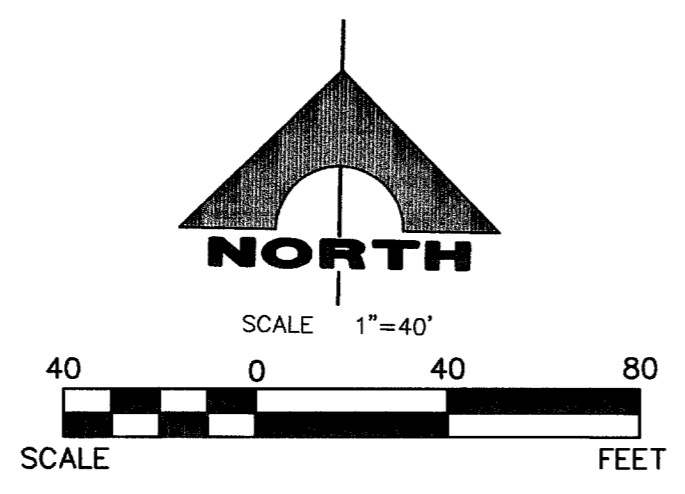
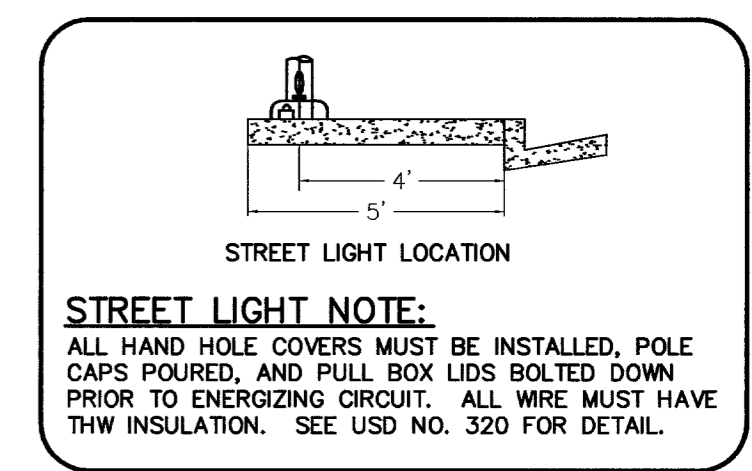


MATCH STA. 17+00  
 SEE BELOW (THIS SHEET)



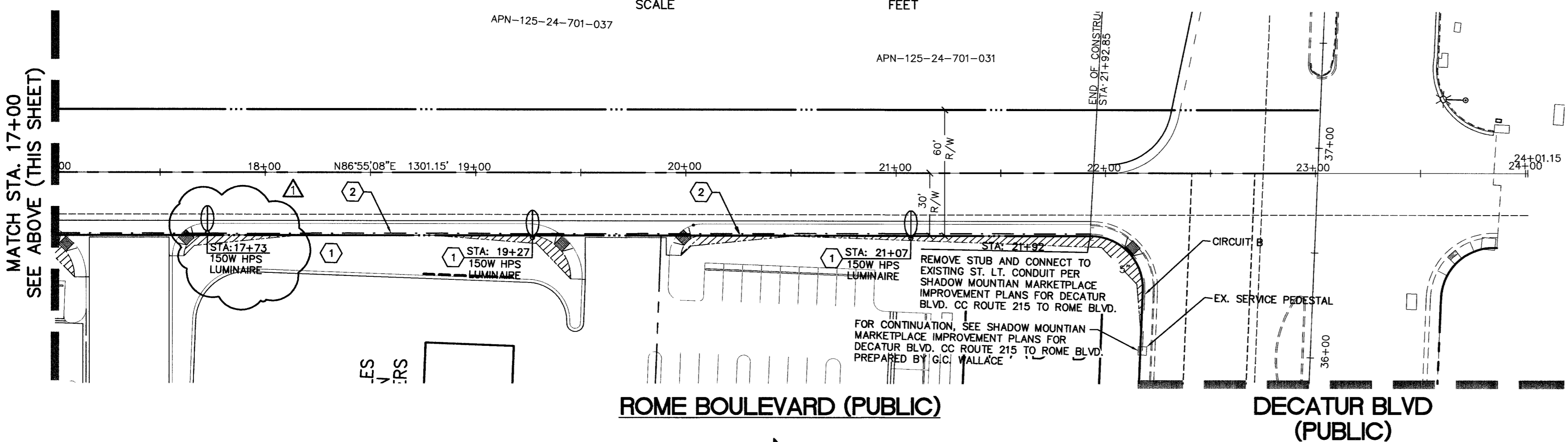
ESTIMATE OF QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
1 150 W HPS STREETLIGHT WITH POLE PER C.C.A.U.S.D. NO. 314, NO. 320	EA	9
2 2" PVC STREETLIGHT CONDUIT	LF	1700
3 #3-1/2 PULL BOX	EA	3
4 SERVICE PEDESTAL	EA	6

- STREET LIGHTING NOTES**
- 1 INSTALL 150 W HPS STREETLIGHT POLE PER C.C.A.U.S.D. NO. 314, NO. 320
  - 2 INSTALL 2" PVC STREETLIGHT CONDUIT WITH (2) #4 & (1) #8 THW COPPER CONDUCTING
  - 3 INSTALL #3-1/2 PULL BOX PER C.C.A.U.S.D. NO. 323



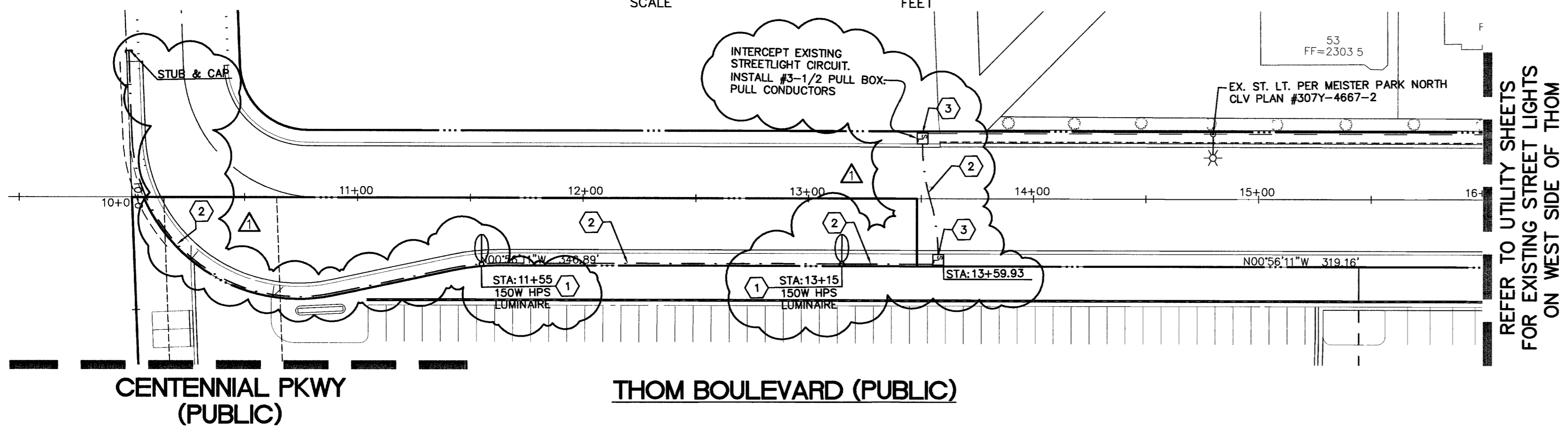
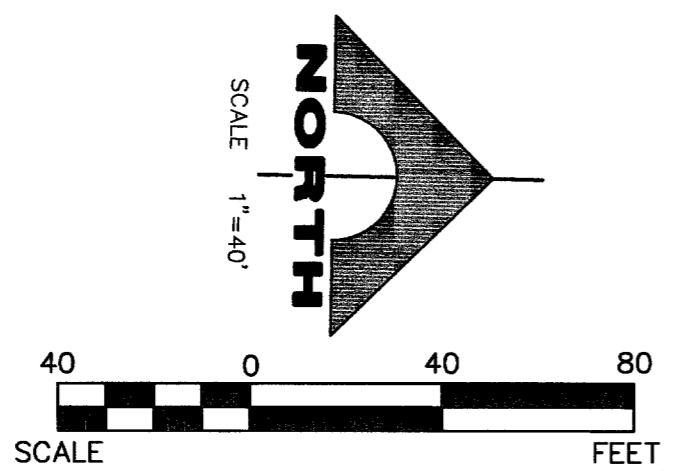
APN-125-24-701-037

APN-125-24-701-031



MATCH STA. 17+00  
 SEE ABOVE (THIS SHEET)

STREETLIGHT CIRCUIT CAPACITY VERIFICATION		
IS THERE AN EXISTING SERVICE PEDESTAL IN THE FIELD (NOT PROPOSED) ADJACENT TO THIS PROPERTY THAT MIGHT BE ABLE TO BE USED TO POWER THIS PROJECT'S STREETLIGHTS? (CIRCLE)	YES	LICENSED ELECTRICAL CONTRACTOR MUST VERIFY
	NO	INSTALL A NEW SERVICE PEDESTAL
SERVICE LOCATION: NE CORNER OF ROME BLVD. & DECATUR BLVD.		
CONTRACTOR (COMPLETE IF EXISTING SERVICE):		
ELECTRICAL CONTRACTOR NAME	N/A	
CONTRACTOR LICENSE NUMBER	N/A	
NAME AND TITLE OF PERSON WHO DID FIELD TESTING	N/A	
FIELD VERIFIED THIS ELECTRICAL SERVICE FOR CAPACITY (ONE MUST BE CIRCLED): YES (NO)		
ENGINEER OF THE OFFSITE PLANS:		
PERSON WHO DID THE CALCULATIONS:	DEBRA M. YAMACHIKA, P.E.	
CONSULTING ENGINEERING FIRM:	G.C. WALLACE, INC.	
CAPACITY CALCULATIONS FOR CIRCUIT "A"		
1 DOUBLE POLE CONTACTOR 60 AMPS CIRCUIT CAPACITY	60	AMPS
2 MAXIMUM CONTINUOUS CURRENT DRAW (BOX)	48	AMPS
3 EXISTING CIRCUIT LOAD (ENTER 0 IF NEW)	10	AMPS
4 AVAILABLE (2 MINUS 3)	38	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT		
5 0 NUMBER OF 150 WATT STILTS @ 1.0 AMPS/EA	0	AMPS
6 0 NUMBER OF 250 WATT STILTS @ 1.5 AMPS/EA	0	AMPS
7 0 NUMBER OF 400 WATT STILTS @ 3.9 AMPS/EA	0	AMPS
8 TOTAL PROPOSED ADDITIONAL LOAD (5+6+7)	0	AMPS
REMAINING AVAILABLE LOAD (4 MINUS 8)		
	38.0	AMPS
CAPACITY CALCULATIONS FOR CIRCUIT "B"		
1 DOUBLE POLE CONTACTOR 60 AMPS CIRCUIT CAPACITY	60	AMPS
2 MAXIMUM CONTINUOUS CURRENT DRAW (BOX)	48	AMPS
3 EXISTING CIRCUIT LOAD (ENTER 0 IF NEW)	0	AMPS
4 AVAILABLE (2 MINUS 3)	48	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT		
5 7 NUMBER OF 150 WATT STILTS @ 1.0 AMPS/EA	7	AMPS
6 0 NUMBER OF 250 WATT STILTS @ 1.5 AMPS/EA	0	AMPS
7 0 NUMBER OF 400 WATT STILTS @ 3.9 AMPS/EA	0	AMPS
8 TOTAL PROPOSED ADDITIONAL LOAD (5+6+7)	7	AMPS
REMAINING AVAILABLE LOAD (4 MINUS 8)		
	41.0	AMPS



REFER TO UTILITY SHEETS  
 FOR EXISTING STREET LIGHTS  
 ON WEST SIDE OF THOM



**BASIS OF BEARINGS**  
 SOUTH 0°46'17" EAST, BEING THE BEARING OF THE CENTERLINE OF DECATUR BOULEVARD BETWEEN CENTENNIAL PARKWAY AND DEER SPRINGS WAY AS SHOWN BY MAP THEREOF ON FILE IN FILE 52, PAGE 70 OF SURVEYS IN THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

**BENCHMARK**  
 CITY OF LAS VEGAS BENCHMARK OLV90 25N6  
 RIVET AND ROUND PLATE IN TOP OF CURB, SOUTHWEST CORNER OF BRADLEY ROAD AND AZURE AVE. NEAR THE POINT OF BRADLEY ROAD.  
 ELEVATION 700.832 METERS 2299.313 FEET

G.C. WALLACE, INC.  
 Engineers/Planners/Surveyors  
 1555 SOUTH RANSOM BLVD., SUITE 200, LAS VEGAS, NEVADA 89146  
 TELEPHONE: (702) 894-2000 • FAX: (702) 894-2299  
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SHADOW MOUNTAIN MARKETPLACE  
 STREET LIGHT PLAN  
 ROME AND THOM BOULEVARDS