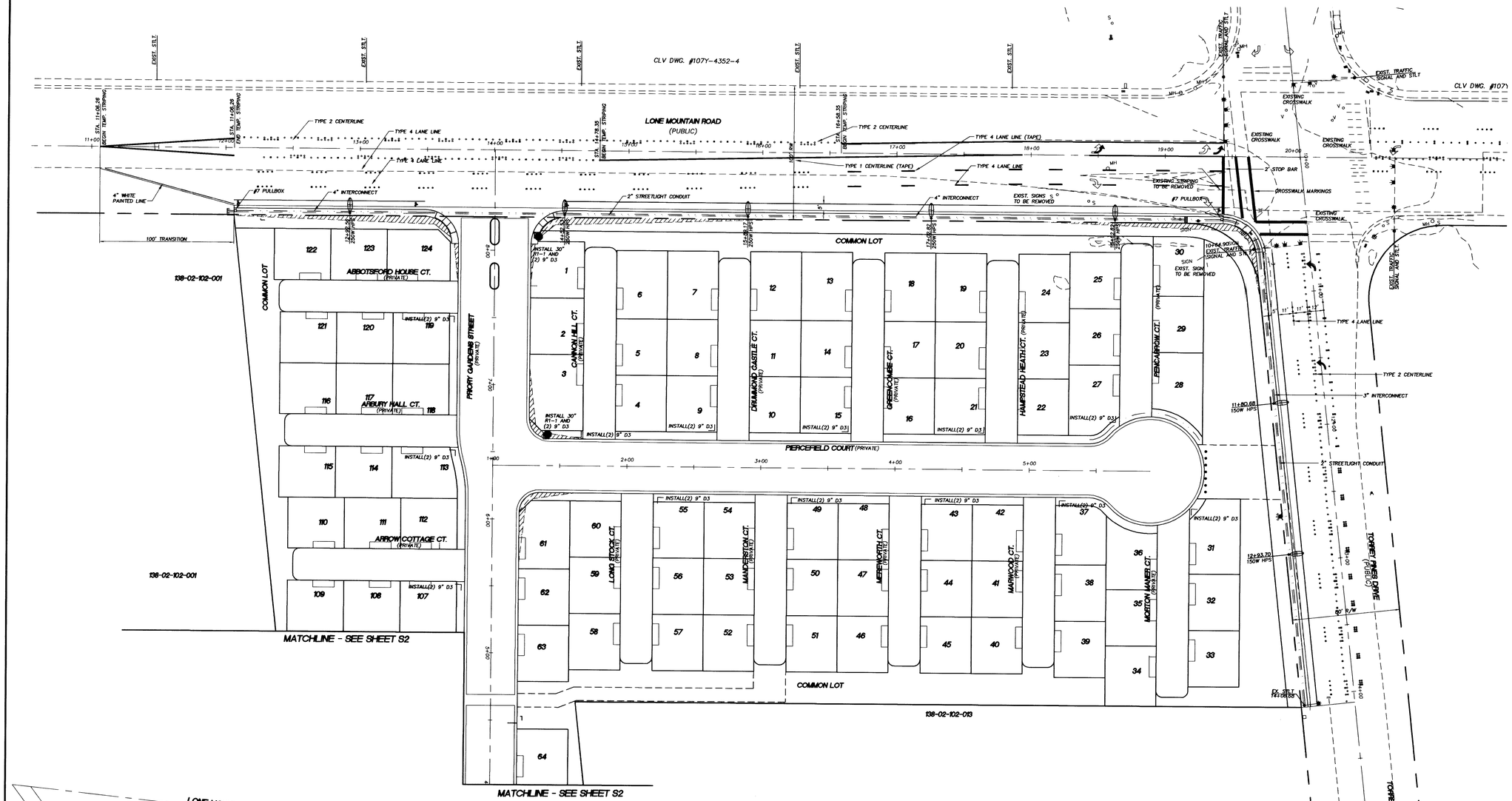
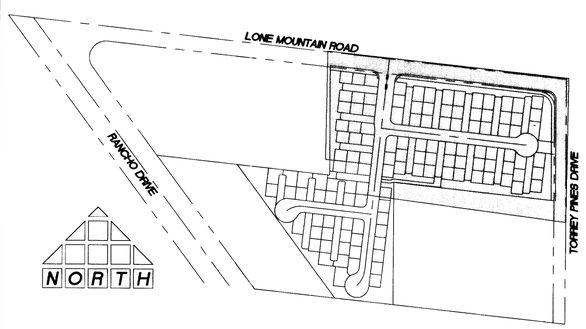




KEYMAP
NOT TO SCALE

LEGEND

- PROPOSED 250W HPS STREETLIGHT
- PROPOSED 100W HPS STREETLIGHT
- EXISTING STREETLIGHT
- PROPOSED STREETLIGHT SERVICE POINT
- PROPOSED 3 1/2 PULLBOX
- PROPOSED STREETLIGHT CONDUIT
- STOP SIGN
- STREET NAME SIGN
- SIGHT VISIBILITY RESTRICTION ZONES PER STD. DWG. 201.2 (NOTHING OVER 24" IN HEIGHT ALLOWED IN SVZ EXCEPT TRAFFIC CONTROL DEVICES)

SIGN LEGEND

R8-3P	W1-8	R1-1	W8-2
18 X 18	18 X 24	30 X 30	30 X 30

STREETLIGHT CIRCUIT VERIFICATION

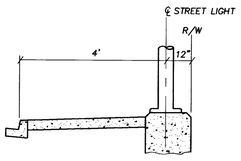
CIRCUIT A

EXISTING SERVICE POINT CAPACITY = 60 AMPS
MAXIMUM ALLOWABLE DRAW = 48 AMPS
EXISTING CIRCUIT LOAD 0 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT:

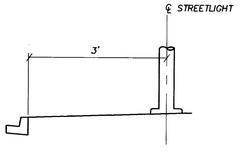
	100W @ 1.0 AMPS =	AMPS
	150W @ 1.0 AMPS =	AMPS
	200W @ 1.5 AMPS =	AMPS
5	250W @ 1.5 AMPS =	7.5 AMPS
	400W @ 3.9 AMPS =	AMPS

TOTAL PROPOSED LOAD = 7.5 AMPS

EXISTING PLUS PROPOSED LOAD = 7.5
REMAINING AVAILABLE LOAD = 40.5



TYPICAL OFF-SITE STREETLIGHT
NOT TO SCALE



TYPICAL ON-SITE STREET LIGHT LOCATION
NOT TO SCALE

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

Avoid overhead power line contact.
Call before you Overhead
1-702-593-6111
NEVADA POWER ENVIRONMENT SAFETY SERVICES DEPARTMENT

AFTER NOTIFYING UNDERGROUND UTILITIES, YOU MUST WAIT 2 BUSINESS DAYS
STREET LIGHT SYSTEM CONDUITS IT'S COSTLY
CALL BEFORE YOU DIG UNDERGROUND
Call before you Underground
1-702-455-7511
1-702-723-5611
LV Water, LLC

72073

BASIS OF BEARINGS

SOUTH 00°04'13" WEST BEING THE BEARING OF THE EAST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 2, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN ON THE MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE, CALRK COUNTY, NEVADA IN FILE 99 OF PARCEL MAPS, AT PAGE 42.

BENCHMARK

CLV #0C00 2NNW6
RIVET AND PLATE IN TOP OF CURB @ SE CORNER OF LONE MOUNTAIN AND RANCHO.

ELEVATION (NAVD 88): 706.7908 METERS
2318.86 FEET

REV.	DATE	BY	REVISION

P:\001\040415\001040415-UTILITY.dwg 1/12/2005 10:28:46 AM PST

DRAWN BY:
DESIGNED BY:
CHECKED BY:
SCALE: 1"=40'
PROJECT NO. 001.040015

THOMASON CONSULTING ENGINEERS
3161 E. WARM SPRINGS ROAD, SUITE 200
LAS VEGAS, NEVADA 89120
702-932-6125 FAX: 702-932-6129

RICHMOND AMERICAN HOMES
LONE MOUNTAIN / TORREY PINES

STREET LIGHT, SIGNAGE AND STRIPING PLAN

1/12/05

SHEET S1
18 OF 21
DRAWING NO. 107Y485M4