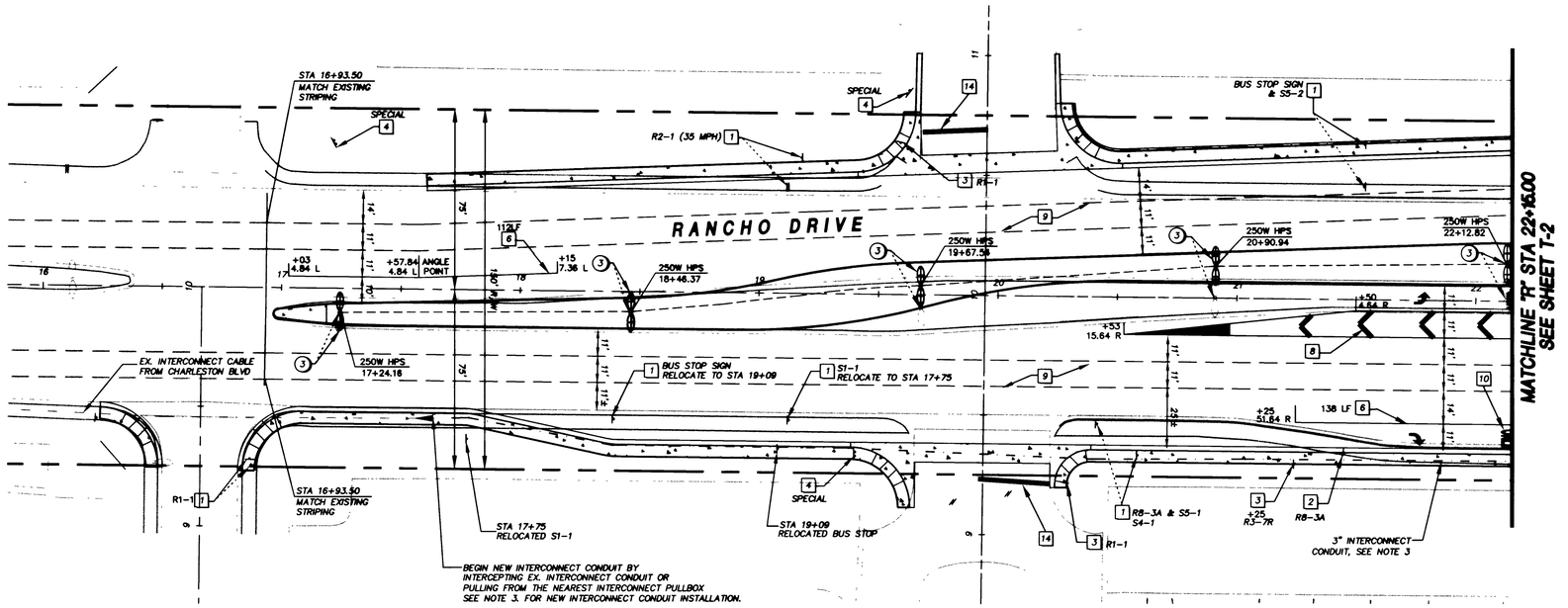
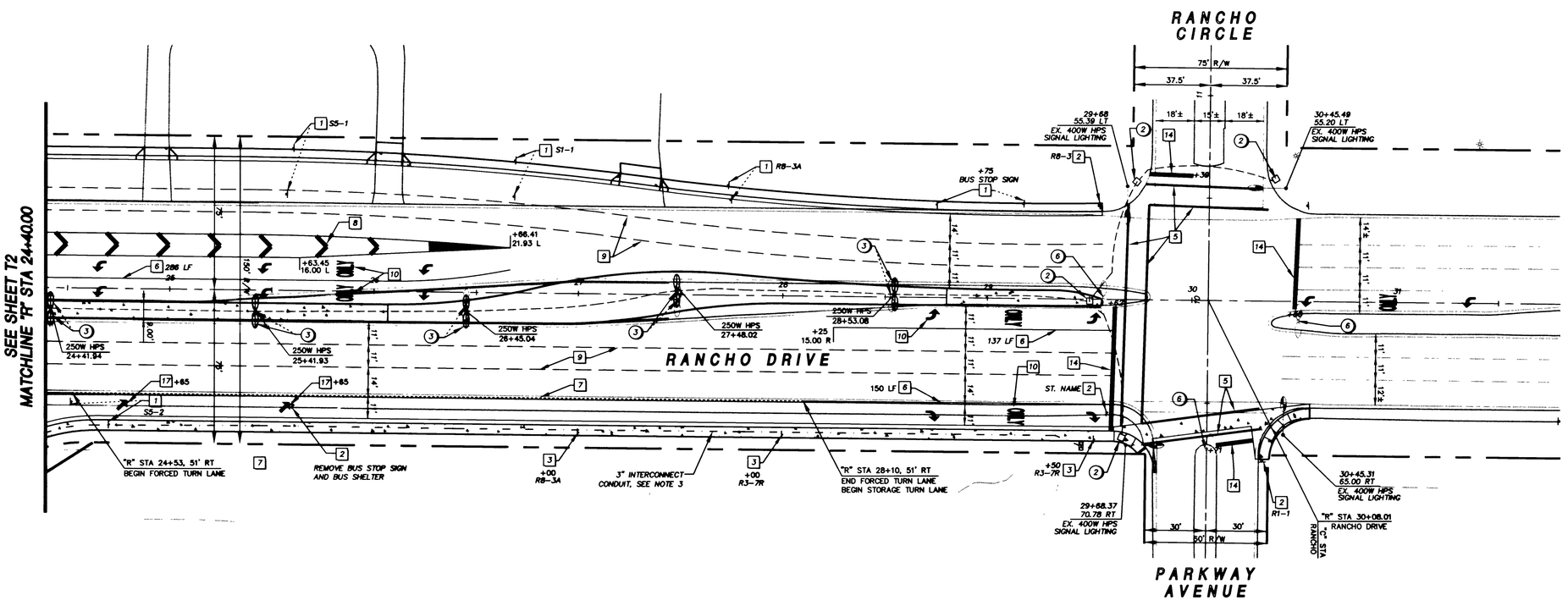
Avoid cutting underground utility lines. It's easy.

**Call before you Dig**
1-800-227-2600
Nevada Power Environment and Safety Services Department

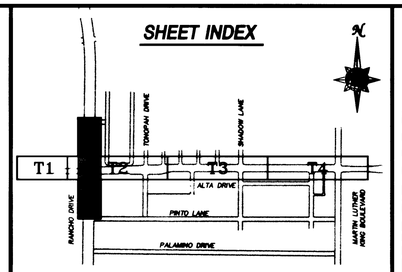
Avoid cutting underground utility lines. It's easy.

**Call before you Overhead**
1-702-593-6111
Nevada Power Environment and Safety Services Department




3/680




GRAPHIC SCALE

30 0 15 30 60 120

( IN FEET )

1 inch = 30 ft.

## BASIS OF BEARING

N89°28'51", BEING CENTERLINE OF ALTA DRIVE PER BOOK 10, PAGE 57, REC. FEB. 2, 1965

## BENCHMARK

CLV BENCHMARK BM 1LV0132SE6, CLV DATUM (2071.68') BRASS DISK AT THE NORTHWEST CORNER OF RANCHO DRIVE AND PALOMINO DRIVE.

**CAUTION**
EXISTING UTILITIES ARE LOCATED ON THE PLANS FROM A SEARCH OF AVAILABLE RECORDS. CONTRACTOR TO VERIFY LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION.

## SIGNING AND STRIPING NOTES

1. RELOCATE EXISTING SIGN AS INDICATED ON THE PLAN
2. REMOVE EXISTING SIGN
3. INSTALL NEW SIGN AS SHOWN
4. PROTECT EXISTING SIGN IN PLACE
5. INSTALL 10 FT CROSSWALK PER CCASD NO. 254
6. INSTALL STORAGE LANE LINE PER CCASD NO.246 LINEAR FEET AS SHOWN
7. INSTALL FORCED TURN LANE MARKING PER CCASD NO. 246A
8. INSTALL TRANSITION STRIPING PER CCASD NO. 245
9. INSTALL TYPE 4 LANE LINE PER CCASD NO. 244A
10. INSTALL COLD POLYMER ARROW SYMBOL & "ONLY" LEGEND AT 40' O.C. PER CCASD NO. 246 & 246A
11. INSTALL 4" COLD POLYMER EDGELINE
12. INSTALL TYPE 2 CENTERLINE PER CCASD NO. 244
13. INSTALL TYPE 1 CENTERLINE PER CCASD NO. 244
14. INSTALL 24" WIDE COLD POLYMER STOP BAR
15. INSTALL 24" WIDE COLD POLYMER YELLOW TAPE. AT 25 FEET O.C.
16. INSTALL RAISED PAVEMENT MARKERS (CAT TRACKS) PER NDOT STD. PLAN T-37.1.2 (633).
17. INSTALL MERGE ARROW PER NDOT STD. PLAN T-38.1.1

## STREETLIGHT AND SIGNAL NOTES

1. NEW STREETLIGHT SERVICE PEDESTAL
2. INSTALL #3 1/2 STREETLIGHT PULLBOX
3. RELOCATE EXISTING STREETLIGHTS TO TO THE CENTER OF THE NEW MEDIAN ISLAND –NEW BASES TO BE CONSTRUCTED FOR 7 GA. POLES PER USD STD DWG. NO. 321.
4. INSTALL #5 TRAFFIC SIGNAL PULLBOX
5. INSTALL #7 TRAFFIC SIGNAL PULLBOX
6. REMOVE EXISTING STREETLIGHT AND RETURN TO CLV YARDS–3014 E BONANZA ROAD TEL: (702) 229–6331
7. REPLACE EXISTING LOOP SYSTEM PER CCASD NO. 404.827
8. REPLACE EXISTING 6'X6' INDUCTION LOOP PER CCASD NO. 404.821

NOTES: (1) NEW STREETLIGHTS ON THE SOUTH SIDE OF ALTA DRIVE TO BE INSTALLED IN LINE WITH EXISTING STREETLIGHT POLES. USE MODIFIED CRASH CAP FOR ADA CLEARANCE.

(2) ALL STREETLIGHT CONDUIT TO BE 2" PVC WITH 2–#4, 1–#8 THW (TYP).

(3) ALL INTERCONNECT CONDUIT TO BE 3" PVC WITH 1–#8 AWG THW (GREEN) FOR FUTURE INTERCONNECT CABLE. ALL CONDUITS TO HAVE 45° BENDS INTO #7 PULLBOXES WITH 500–FOOT MAXIMUM SPACING OF PULLBOXES.

(4) TRAFFIC SIGNAL CONDUITS AT THE INTERSECTION OF ALTA DRIVE AND TONOPAH DRIVE SHALL HAVE PULL STRINGS FOR FUTURE TRAFFIC SIGNAL INSTALLATION.

## LEGEND

- INTERCONNECT CONDUIT
- STREETLIGHT CONDUIT
- TRAFFIC SIGNAL CONDUIT
- 100W HPS STREETLIGHT
- 150W HPS STREETLIGHT
- 250W HPS STREETLIGHT

REVISIONS

| NO. | DATE | DESCRIPTION | APPROVED |
|---|---|---|---|

ENGINEERING DESIGN SECTION
DESIGNED BY: J. XIE
DRAWN BY: E.C.
CHECKED BY: W.HORLACHER
JOB NO.: 51736
DATE: DECEMBER 06, 2000


PBS&J
901 N. Green Valley Pkwy.
Suite 200
Henderson, Nevada 89014
Telephone 702/453-7275
Fax 702/564-7200
ENGINEERING · PLANNING · SURVEYING · CONSTRUCTION SERVICES


PROFESSIONAL ENGINEER-STATE OF NEVADA
WAYNE HORLACHER
No. 10759
CIVIL
12/1/00

Department of Public Works

ALTA/RANCHO IMPROVEMENTS PHASE II
STRIPING, SIGNING AND LIGHTING PLAN
"R" STA. 17+00.00 TO 31+00.00

CITY OF LAS VEGAS NEVADA

DRAWING No. T5 52
PLAN# 107-V3126 56