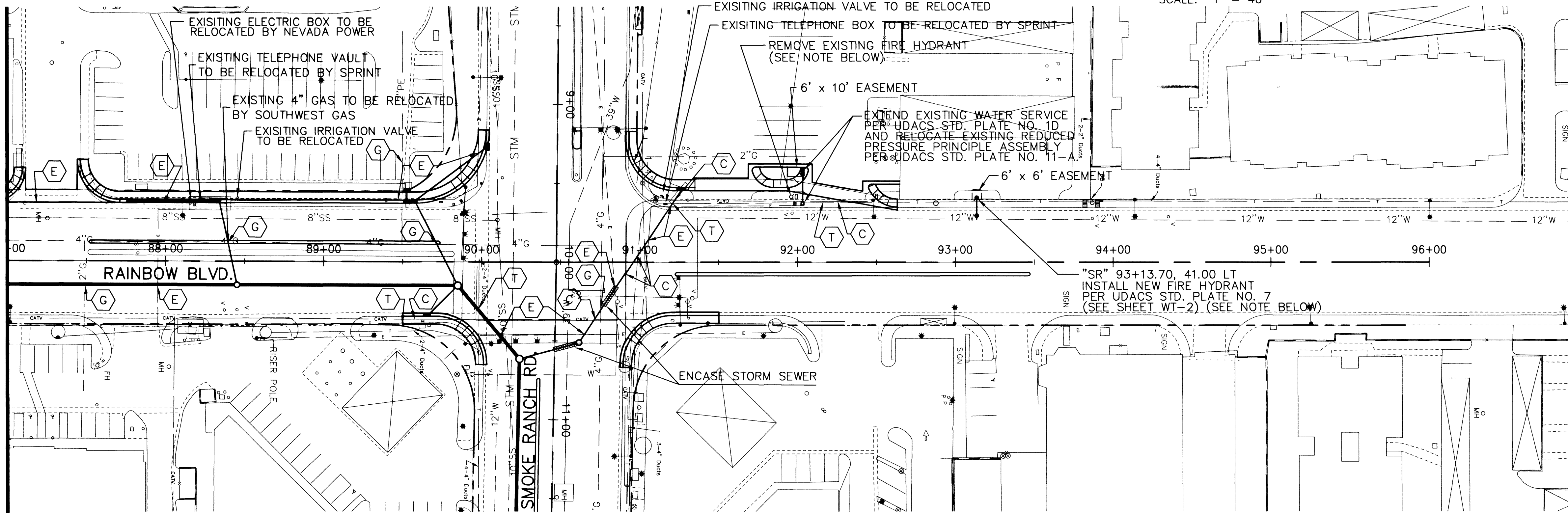
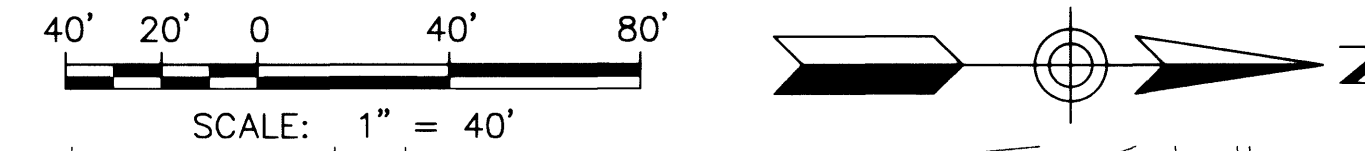


NAME: P:\W7X70800\700CADD\702CIVIL\702DWG\70800-UT-S10.dwg DATE: FEB 26, 2002 TIME: 2:44 PM

MATCH LINE "SR" 87+00 SEE SHEET UT-7



POTENTIAL UTILITY CONFLICTS:

- (C) EXISTING UNDERGROUND CABLE TO BE RELOCATED BY COX COMMUNICATIONS IF FOUND TO BE A CONFLICT DURING CONSTRUCTION
- (E) EXISTING UNDERGROUND POWER TO BE RELOCATED BY NEVADA POWER IF FOUND TO BE A CONFLICT DURING CONSTRUCTION
- (G) EXISTING UNDERGROUND GAS TO BE RELOCATED BY SOUTHWEST GAS IF FOUND TO BE A CONFLICT DURING CONSTRUCTION
- (T) EXISTING UNDERGROUND TELEPHONE TO BE RELOCATED BY SPRINT CENTRAL TELEPHONE IF FOUND TO BE A CONFLICT DURING CONSTRUCTION

SEE SI SHEETS FOR RELOCATION OF EXISTING STREET LIGHTS
SEE TS SHEETS FOR RELOCATION OF EXISTING TRAFFIC SIGNALS

BASIS OF BEARINGS
NORTH 00°05'50" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 23, T. 20 S., R. 60 E., M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON FILE 80 OF PARCEL MAPS, AT PAGE 46.

BENCHMARK
CITY OF LAS VEGAS BENCHMARK: 1LV00 26W4 RIVET AND PLATE IN TOP OF CURB, NORTHEAST RETURN OF RAINBOW BLVD AND WASHINGTON AVE. ELEV. = 724.7549 METERS (PUBLISHED NAVD'88)
ELEV. = 2377.80 U.S. SURVEY FEET (CALCULATED NAVD'88)
CITY OF LAS VEGAS BENCHMARK: 0LV00 14WS RIVET AND PLATE IN TOP OF CURB, NORTHEAST RETURN OF SMOKE RANCH RD AND LORENZI BLVD. ELEV. = 708.7363 METERS (PUBLISHED NAVD'88)
ELEV. = 2325.25 U.S. SURVEY FEET (CALCULATED NAVD'88)

RELOCATION OF FIRE HYDRANTS

THE CONTRACTOR SHALL REMOVE AND RELOCATE BOTH THE UPPER AND LOWER BARRELS OF THE EXISTING FIRE HYDRANT WHERE SHOWN, AND REINSTALL SUCH HYDRANTS AT THE NEW LOCATION INDICATED IN ACCORDANCE WITH THE UDACS PLANT NO. 7. THE EXISTING VALVE SHALL BE ABANDONED IN A CLOSED POSITION BY REMOVING A MINIMUM OF THE TOP 12 INCHES OF THE VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI. THE CONTRACTOR SHALL CUT THE EXISTING PIPE WITHIN 3 FEET OF THE ABANDONED VALVE OR AS SHOWN ON THE DRAWING AND INSTALL A CAP WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION. THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT APPROVAL. THE CONTRACTOR SHALL INSTALL A CONCRETE THRUST BLOCK IN ACCORDANCE WITH THE PROVISIONS OF THE UDACS PLATE NO. 5 AT ALL CAP OR PLUG LOCATIONS.

FIRE HYDRANTS SHALL BE TESTED PRIOR TO RELOCATION UNDER THE DIRECTION OF LVVWD INSPECTION.

EXTEND SERVICE LATERALS 2" AND SMALLER

WATER METERS IN FINISHED ROADWAYS SHALL BE RELOCATED TO BACK OF CURB AND SHALL BE INSTALLED PER THE UDACS PLATE NO. 1B OR 1D. ALL SERVICE LATERALS 2" AND SMALLER MAY BE EXTENDED, PROVIDED THE FOLLOWING CRITERIA ARE MET:

- LATERAL CAN ONLY BE EXTENDED IF CONNECTING TO COPPER.
- LATERAL MUST BE INSTALLED AT 90 DEGREES TO THE MAIN.
- AN EXISTING SERVICE LATERAL THAT IS NOT COPPER IS TO BE ABANDONED FROM THE EXISTING WATER MAIN, AND REPLACED WITH A COPPER SERVICE LATERAL PER UDACS PLATE NO. 1B OR 1D. IF THE CORPORATION STOP IS DAMAGED BEYOND REPAIR OR PULLED FROM THE EXISTING WATER MAIN, THE MAIN SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, IN A MANNER APPROVED BY THE LVVWD. IF THE CORPORATION STOP IS NOT WATER TIGHT, THE CONTRACTOR SHALL NOTIFY LVVWD COMMUNICATION SUPPORT CENTER (702-258-7171) FOR FURTHER DIRECTION.

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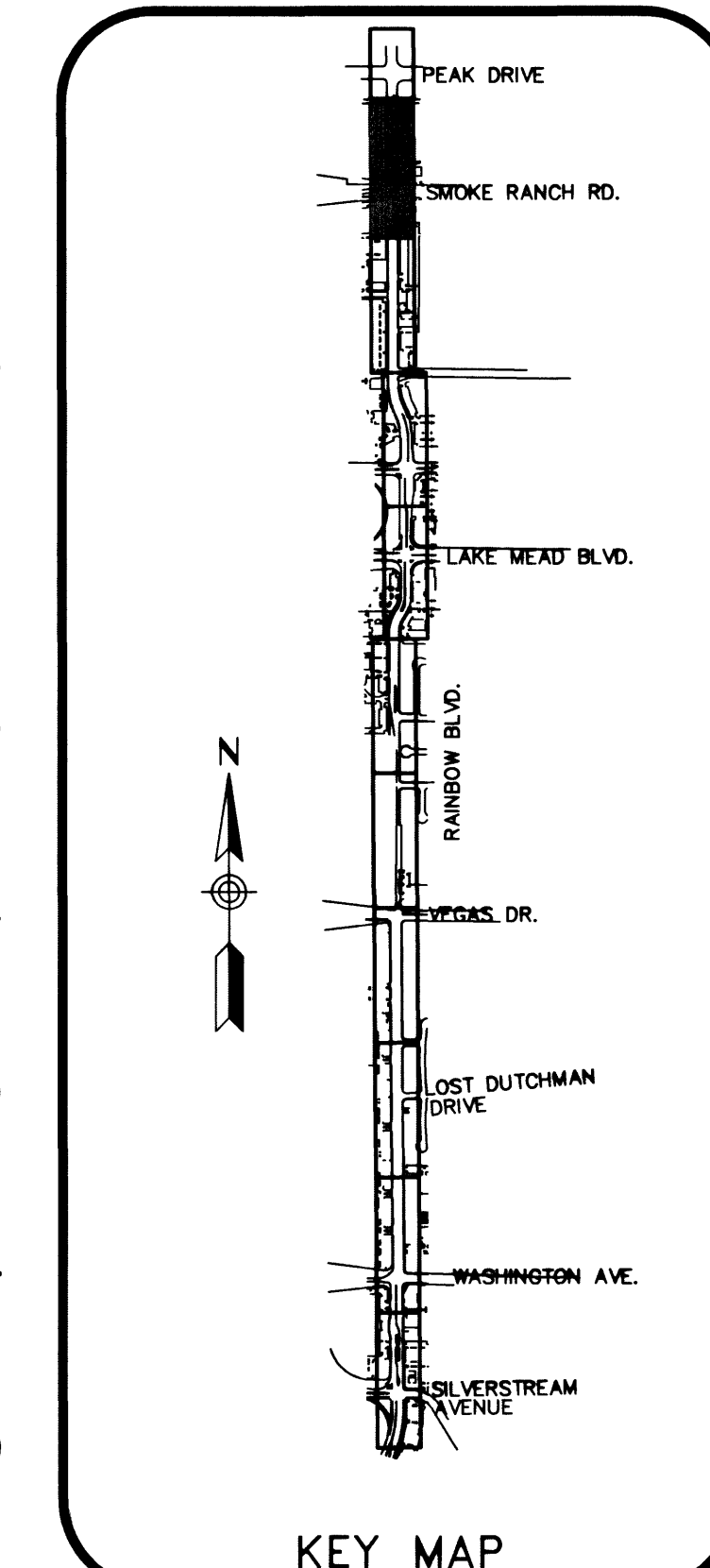
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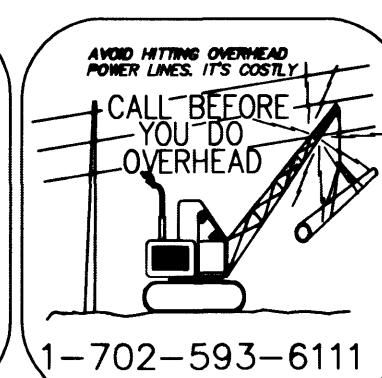
87+00 88+00 89+00 90+00 91+00 92+00 93+00 94+00 95+00 96+00 97+00

45B54



Las Vegas Valley Water District Date 2/28/02

Call before you Dig.
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UNDERGROUND SERVICE (USA)
CLARK COUNTY TRAFFIC MANAGEMENT OPERATIONS UNIT (702) 455-7544



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CIVIL, INC.
1450 W. SHARAH AVE., SUITE 100
LAS VEGAS, NV 89102-2130
PHONE: (702) 570-2700
FAX: (702) 800-1731

RAINBOW BOULEVARD
SILVERSTREAM AVE. TO SMOKE RANCH ROAD
UTILITY PLAN & PROFILE
"SR" 87+00 TO "SR" 97+00

SHEET
UT-8
63 OF 110 SHEETS
DRAWING NO.
107-V3519