

BASIS OF BEARINGS

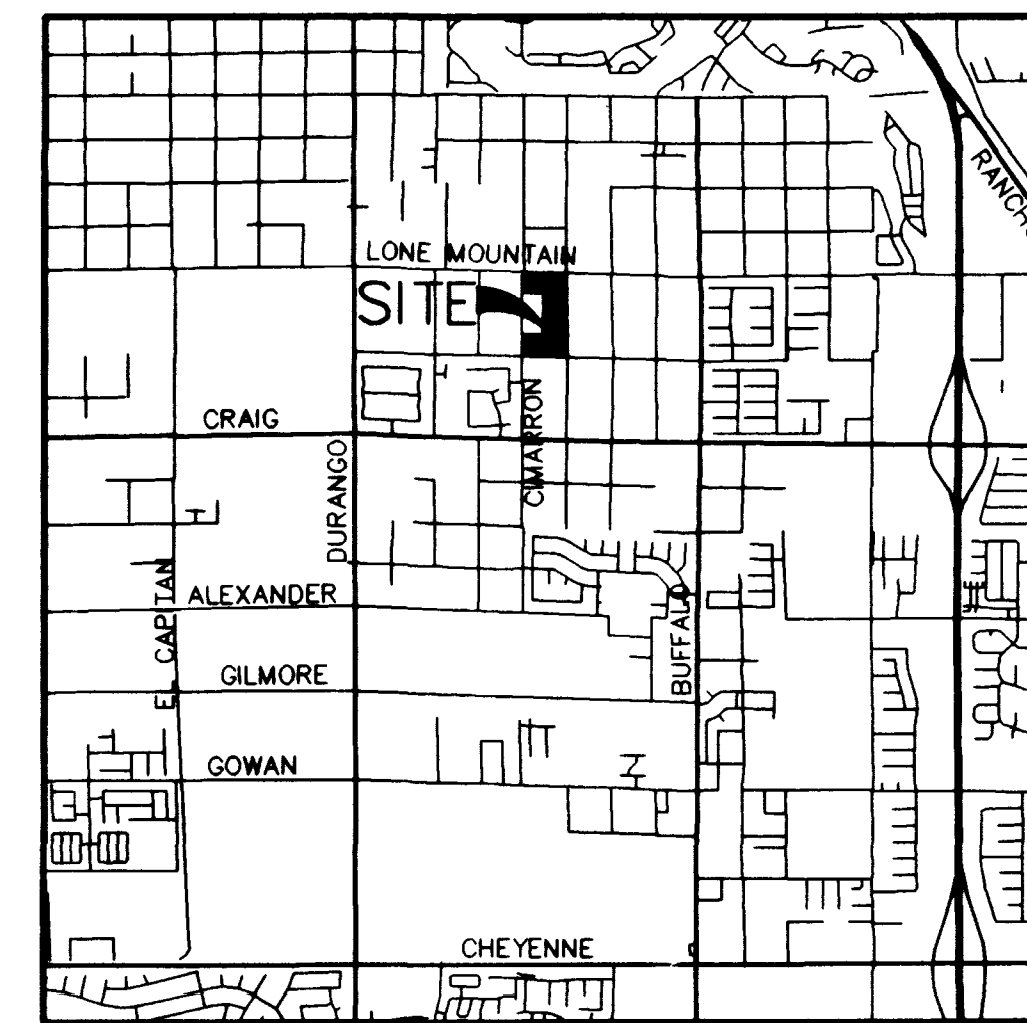
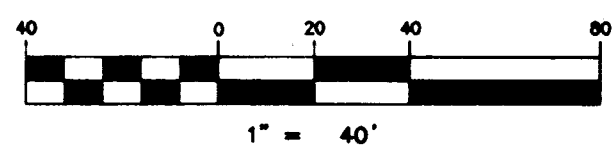
SOUTH 88°03'54" EAST, BEING THE NORTH LINE OF THE NORTHEAST QUARTER (SE 1/4) OF SECTION 4, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN PARCEL MAP, ON FILE IN THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA, IN FILE 4 OF PARCEL MAPS, AT PAGE 25.

PROJECT BENCHMARK

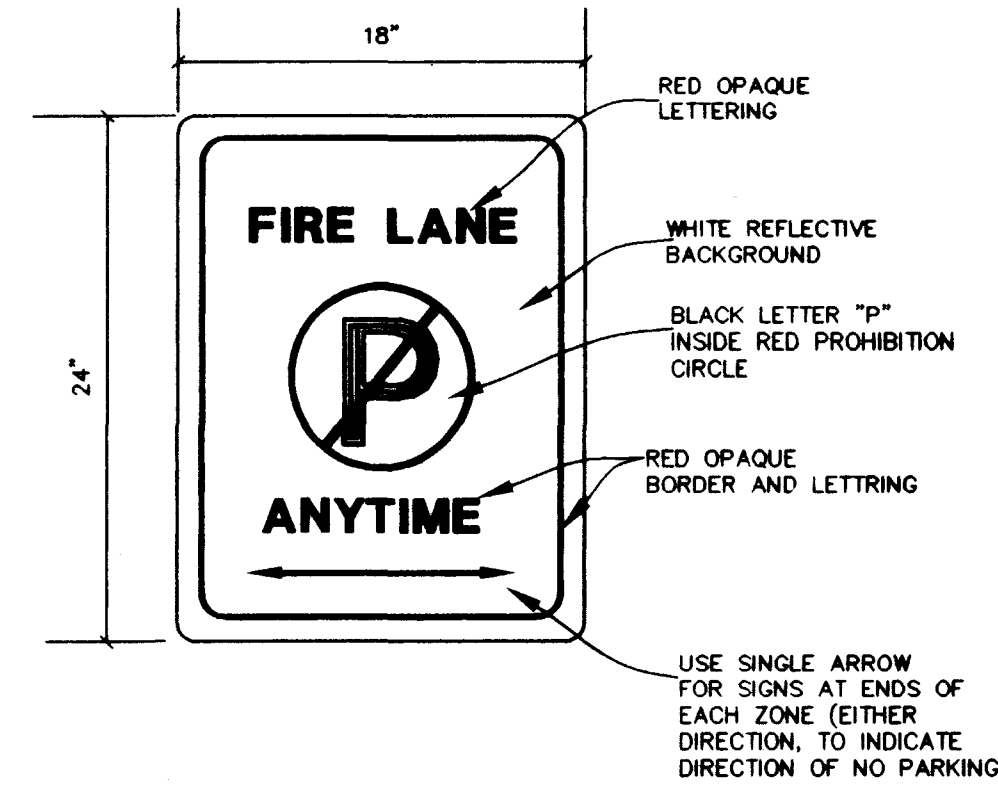
PROJECT DATUM: NAVD88
CLARK COUNTY BENCHMARK NUMBER 37 1LV003W4
NAVD88 ELEVATION: 714.730 METERS (2344.91 FEET)
CCBM 1LV003W4, CITY OF LAS VEGAS PIN AND PLATE IN ELECTRIC BASE, ON SOUTH SIDE OF CRAIG, 250 FT. EAST OF BUFFALO DRIVE

SEE SHEET 7

GRAPHIC SCALE



LOCATION MAP



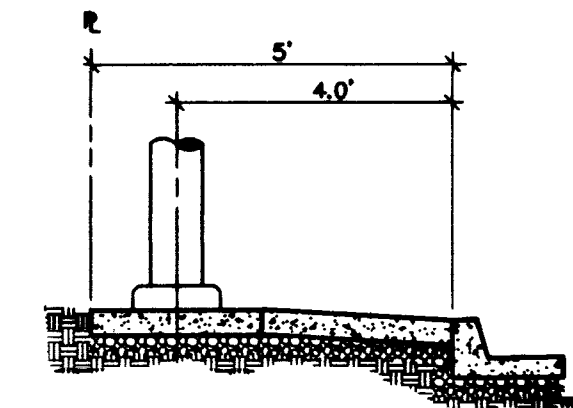
"FIRE LANE" SIGN DETAIL

NOT TO SCALE

RED COACH AVENUE
STREET LIGHT CIRCUIT CAPACITY VERIFICATION
SERVICE POINT LOCATED ON S.W. CORNER OF LONE MOUNTAIN RD. AND CONOUGH LN.

EXISTING SERVICE POINT CAPACITY	80 AMPS
MAXIMUM ALLOWABLE DRAW BOX	48 AMPS
EXISTING CIRCUIT LOAD	17 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT	3 AMPS
3 100 WATT LUMINAIRES @ 1.0 AMP EACH	3 AMPS
250 WATT LUMINAIRES @ 1.5 AMPS EACH	0 AMPS
400 WATT LUMINAIRES @ 3.9 AMPS EACH	0 AMPS
TOTAL PROPOSED LOAD	3 AMPS
EXISTING PLUS PROPOSED LOAD	20 AMPS
REMAINING AVAILABLE LOAD	28 AMPS

AS OF 7/2/1999
CALCULATIONS BY PETER T. SEKIOKA



STREET LIGHT DETAIL

N.T.S.

STREET LIGHTS

1-1/4" STREET LIGHT CONDUIT	1385 LF
250W STREET LIGHT	5 EA
100W STREET LIGHT	3 EA
# 3-1/2 PULL BOX	3 EA
3" INTERCONNECT CONDUIT	1183 LF
#7 PULL BOX-INTERCONNECT	4 EA
#7 PULL BOX-TRAFFIC SIGNAL	1 EA

TRAFFIC SIGNS:

36" STOP SIGN	2 EA
D-3 STREET NAME SIGNS	2 EA
OM-3R	9 EA
POINT OF CONNECTION TO EXISTING UTILITIES	
DRIVEWAY LOCATION (SCHEMATIC ONLY)	

TRAFFIC AND ELECTRICAL NOTES

- ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HEREUNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
- BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY GROUND MOUNTED STOP SIGNS AT ALL APPROXIMATE INTERSECTIONS INTO EXISTING COUNTY STREETS IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
- ALL CONSTRUCTION SIGNING, BARRICADEING AND PAVEMENT MARKINGS SHALL CONFORM TO THE "NEVADA WORK ZONE TRAFFIC CONTROL HANDBOOK - 1997" AND TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.
- IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL, OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE COUNTY TRAFFIC MANAGER.
- THE DEVELOPER SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL PERMANENT SIGNS SHOWN ON THE PLANS. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CLARK COUNTY STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED. ON THE PLANS, ALL SIGNS SHALL USE TYPE III SHEETING. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH CLARK COUNTY STANDARDS.
- IF A PROPOSED STREET LIGHT STANDARD IS FIELD LOCATED TO WITHIN FIVE (5) FEET OF ANY SIGN SHOWN HEREON TO BE MOUNTED ON A SIGN POST, THEN CHANGE SIGN MOUNTING TO ONE ON THE STREETLIGHT STANDARD.
- ON CONSTRUCTION, THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE CURRENT PLANNING DIVISION OF THE DEPARTMENT OF COMPREHENSIVE PLANNING.
- ALL TRAFFIC SIGNAL POLE ASSEMBLIES, STEEL PEDESTALS FOR TRAFFIC SIGNALS, AND STREET LIGHT POLES SHALL BE GALVANIZED PER ASTM A123.
- ALL STREET LIGHTING INSTALLATIONS EXCEPT AS NOTED ON THE STANDARDS, DEPARTMENT OF PUBLIC WORKS, CLARK COUNTY, NEVADA, AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, LATEST EDITION OF EACH.
- THE FOLLOWING CLARK COUNTY UNDERGROUND FACILITIES MAY BE LOCATED IN YOUR PROJECT AREA: STREET LIGHTING, TRAFFIC SIGNALS, LAS VEGAS AREA COMPUTER TRAFFIC SYSTEM (LVCTS) INTERCONNECT CABLE. YOU MUST CONTACT CLARK COUNTY TRAFFIC MANAGEMENT DIVISION, OPERATIONS UNIT, AT 455-7811 FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO WORKING IN THE AREA. CLARK COUNTY IS NOT A MEMBER OF "CALL BEFORE YOU DIG" (UNDERGROUND SERVICE ALERT), AND A CALL TO THAT ORGANIZATION DOES NOT RELIEVE YOU OF LIABILITY FOR CLARK COUNTY FACILITIES.
- LVCTS INTERCONNECT CABLE POLICY IS IN EFFECT. INTERCONNECT CABLE MUST BE MAINTAINED AT ALL TIMES. DEVELOPER/CONTRACTOR SHALL PROVIDE TEMPORARY OVERHEAD INTERCONNECT CABLE WHILE PERMANENT CABLE IS BEING RELOCATED. TEMPORARY AERIAL INSTALLATION MUST BE ACCEPTABLE TO THE COUNTY TRAFFIC MANAGER AND TO LVCTS. ANY DAMAGE TO THIS CABLE IS DEEMED AN EMERGENCY BY LVCTS. CITY OF LAS VEGAS, CLARK COUNTY AND NOT AND MUST BE REPAIRED IMMEDIATELY TO LVCTS' ACCEPTANCE. \$2,500 PER DAY DAMAGE MAY BE ASSESSED AFTER 24 HOURS HAS ELAPSED FROM TIME OF BREAK OR DAMAGE.
- ALL NEW OR REPLACEMENT TRAFFIC SIGNAL LOOPS SHALL BE INSTALLED USING CABLE-IN-DUCT WIRING. SHALL HAVE INDEPENDENT LEAD-IN WIRES FOR EACH LOOP FROM THE CONTROLLER TO THE PULL-BOX, AND EACH LEAD-IN SHALL BE INDIVIDUALLY TAGGED AND IDENTIFIED.
- TRAFFIC SIGNAL PEDESTRIAN HEADS SHALL BE THE INCANDESCENT TYPE.
- ELECTRICAL POWER SERVICE POINT LOCATION(S) FOR STREET LIGHTING AND TRAFFIC SIGNALS MUST BE INDICATED ON THE PLANS. IF CONNECTING TO AN EXISTING CIRCUIT, INDICATE LOCATION OF EXISTING SERVICE POINT FOR EACH CIRCUIT.
- WHEN STREET LIGHTS ARE TO BE CONNECTED TO AND EXISTING CIRCUIT, THE ENGINEER MUST CERTIFY THAT THE EXISTING CIRCUIT IS CAPABLE OF HANDLING THE ADDITIONAL CIRCUIT LOAD.
- CLARK COUNTY RESERVES THE RIGHT TO RELocate STREET LIGHT AND TRAFFIC SIGNAL POLES AND ASSEMBLIES WHICH HAVE A "STRIPPED" APPEARANCE.
- PRIOR TO BEGINNING OF CONSTRUCTION, MODIFICATION, OR RELOCATION OF ANY TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION OF THE DATE THAT WORK WILL BEGIN.
- THREE (3) NORMAL WORKING DAYS PRIOR TO TURN-ON OR COMPLETION OF MODIFICATION(S) TO A TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION THAT WORK IS BEING COMPLETED AND THE PROPOSED DATE OF COMPLETION.
- THIS SET OF PLANS ARE CERTIFIED TO CONFORM TO THE REQUIREMENTS OF THE TRAFFIC STUDY ACCEPTANCE LETTER.

Signature of Engineer: Robert C. Hosea, III
DATE: 9.17.99

STREET LIGHTS

TRAFFIC SIGNS:

CLARK COUNTY TRAFFIC MANAGEMENT DEPARTMENT

ACCEPTED

By: [Signature] DATE: 9/17/99

TRAFFIC MANAGEMENT DIVISION
CLARK COUNTY PUBLIC WORKS

W.O. NO. 5557

BY: NDH

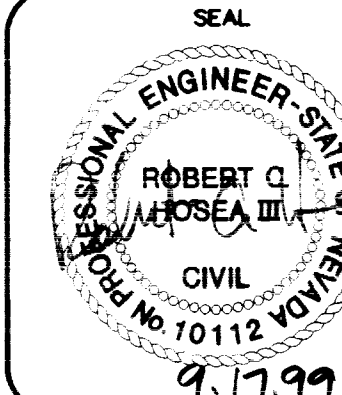
DATE: 4/29/99

SCALE: HORIZ. 1"=40'

SHEET: 6 OF 15 SHEETS

MASTER UTILITY, TRAFFIC, SIGNAGE AND STREET LIGHTING PLAN

EAGLE RIDGE II



W.O. NO. 5557

BY: NDH

DATE: 4/29/99

SCALE: HORIZ. 1"=40'

SHEET: 6 OF 15 SHEETS

307Y-4385-2

Call before you Dig
1-800-227-2800

Call before you OVERHEAD
1-702-593-0111

REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 3/4"

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

SEE ESTIMATE OF QUANTITIES ON SHEET 7

CITY OF LAS VEGAS FIRE MARSHAL
DATE: 12/10/99

PROJECT NAME: Eagle Ridge II
P2 G47
This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is NOT APPROVED FOR CONSTRUCTION at this time and this signature does not provide or imply a water commitment.

Signature: [Signature]
DATE: 12/10/99

