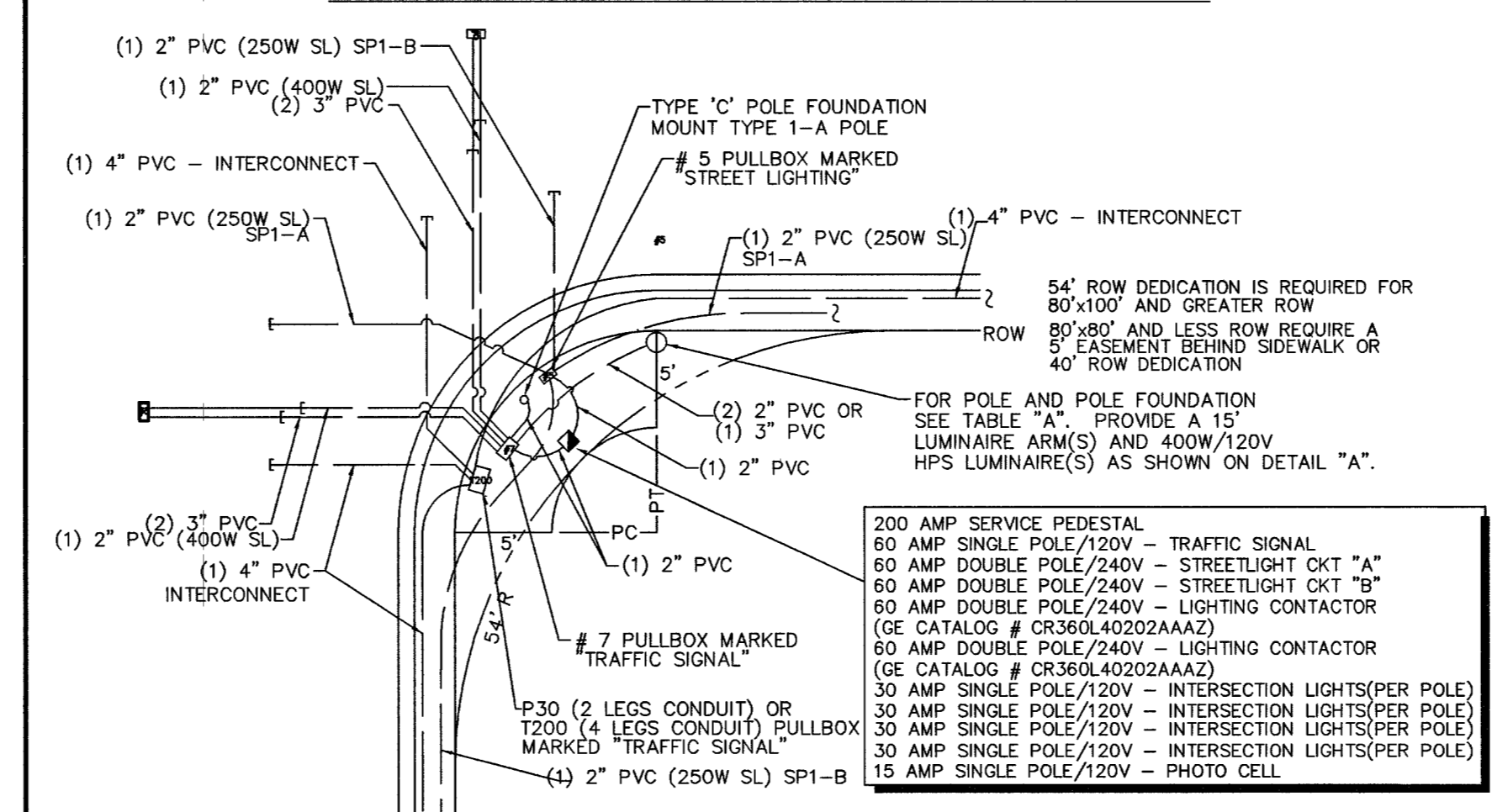
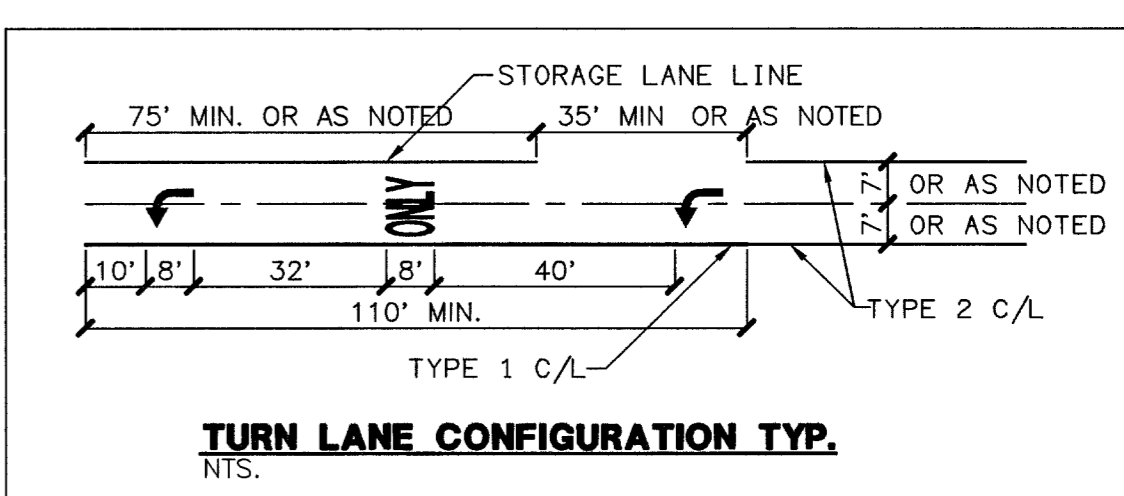


**CLARK COUNTY
TYPICAL TRAFFIC SIGNAL UNDERGROUND LAYOUT
WITH STREET LIGHTING AND SERVICE POINT**



Civil Engineering Division
Clark County Development Services
ACCEPTED
By: *Mary Ann 8-10-05* Date
ACCEPTANCE OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF STATE, COUNTY OR FEDERAL LAW SPECIFICATIONS, OR THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
For Clark Co only



CONTRACTOR NOTE:
CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

FIRE HYDRANT MARKER NOTE
BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKERS ARE TO BE INSTALLED.
1. ON ROADWAYS WITH NO PARKING PERMITTED ON HYDRANT SIDE, LOCATE MARKER 'B' FROM FACE OF CURB ON HYDRANT SIDE.
2. ON ROADWAYS WITH PARKING PERMITTED ON HYDRANT SIDE, LOCATE MARKERS '16' FROM FACE OF CURB ON HYDRANT SIDE.

TABLE "A"

FOUND-AT-XX'	80' and 100' R/W	100' OR GREATER R/W
POLE	XX-A-30'	XX-B-30'
FUTURE MASTARM	≤ 80'	> 60'
LVACTS	4" (100')	4"

- NOTES:**
- ALL TRAFFIC SIGNAL POLES SHALL BE GALVANIZED PER ASTM A123.
 - IF STREET LIGHTING CIRCUIT DOESN'T EXIST, DELETE No. 5 PULLBOX AT INTERSECTION AND 2" PVC.
 - FOR POLE FOUNDATION DETAILS SEE CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS VOL. 1.
 - CONNECT THE 1-2" AND THE 2-3" PVC TO THE EXISTING TRAFFIC SIGNAL CONDUIT. IF UNDERGROUNDS DO NOT EXIST, EXTEND THE 1-2" & THE 2-3" PVC 5' PAST OPPOSING EDGE OF PAVEMENT TO A SINGLE No. 3 1/2 PULLBOX.
 - ALL EMPTY CONDUIT WILL CONTAIN A SINGLE No. 8 AWG THW OR BARE COPPER WIRE FOR THE PURPOSE OF LOCATING THE CONDUIT.
 - THE MAXIMUM DISTANCE FROM THE NEVADA POWER TRANSFORMER TO THE 200 AMP SERVICE IS 450 FEET. USE 2" PVC WITH (3) #4/0 AWG THW COPPER.
 - THE 400 WATT / 120 VOLT LUMINAIRE SHALL BE CONNECTED TO THE 30 AMP SINGLE POLE INTERSECTION LIGHTS CIRCUIT BREAKER.

- SIGN LEGEND**
- INSTALL R4-7 SIGN
 - INSTALL W4-2R SIGN
 - INSTALL 36" R1-1 "STOP" SIGN AND (2) 12" D3 "STREET NAME" SIGNS
 - INSTALL OM-3R OBJECT MARKERS Ø25" OC
 - INSTALL R2-1 "SPEED LIMIT 25" SIGN
 - INSTALL R8-3A "NO PARKING" SIGN
 - INSTALL W1-7 SIGN
 - INSTALL END OF ROAD MARKERS
 - INSTALL R3-4 "NO U-TURN" SIGN
 - INSTALL W4-2L SIGN

- TRAFFIC DELINEATION AND SIGNAGE LEGEND**
- INSTALL 4" WHITE PAINTED EDGELINE
 - INSTALL 24" WIDE WHITE CHEVRONS AT 25' OC USING COLD POLYMER FILM TAPE SOLID UNTIL WHITE LINES ARE 5' APART PER USD #245
 - INSTALL 8" WIDE EDGELINE
 - INSTALL "ARROWS" & "ONLY" USING WHITE COLD POLYMER FILM SEE TURN LANE CONFIGURATION DETAIL
 - INSTALL 2" WIDE "STOP" USING COLD POLYMER FILM PER USD #254.1
 - INSTALL TYPE 4 LANE LINE DELINEATION PER USD #244
 - INSTALL WHITE TURN STORAGE LINE PER USD #246
 - INSTALL MEDIAN NOSE MARKINGS PER USD #248
 - INSTALL BLUE RAISED REFLECTIVE PAVEMENT PARKER PER NOTE THIS SHEET

Call before you Dig
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
LAB VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

Call before you Dig
1-800-227-2600
1-702-227-2929

BASIS OF BEARINGS
THE BASIS OF BEARINGS FOR THIS PROJECT IS NORTH 00°09'16" EAST BEING THE EAST LINE OF THE NORTHWEST QUARTER (NE 1/4) OF THE SECTION 24, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE IN FILE 123 AT PAGE 32.

PROJECT BENCHMARK
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CLARK COUNTY VERTICAL CONTROL: 1000:6N6
NAVD88 ELEVATION: 787.794 METERS (2584.62 FEET)

RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE CYLINDER, LOCATED 25' SOUTH & 50' EAST OF GRAND CANYON DRIVE AND RED COACH AVENUE, 1' WEST OF ELECTRICAL VAULT.

CITY OF LAS VEGAS BENCHMARK
DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: BLV99:135ES
NAVD88 ELEVATION: 869.606 METERS (2853.03 FEET)
RIVET AND PLATE IN CONCRETE CYLINDER NW CORNER OF HUALAPAI AND ELKHORN

NOTE: ADD 0.34' TO ABOVE CITY OF LAS VEGAS BENCHMARK BLV99:135ES TO MATCH ORIGINAL PROJECT BENCHMARK, CLARK COUNTY BENCHMARK 1000-6N6 (2584.62 FEET) AS SHOWN ON RECORD OF SURVEY FILE 124 PAGE 94.

CLIFFS EDGE LLC
3455 CLIFF SHADOWS PARKWAY, SUITE 290
LAS VEGAS, NEVADA 89128
(702) 771-1211

CITY OF LAS VEGAS, NEVADA
2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5146
PH: (702) 873-7550 FAX (702) 362-2597
nevada CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS

TRAFFIC PLAN

CLIFFS EDGE / PROVIDENCE HUALAPAI WAY DEER SPRINGS TO GRAND TETON

DRAWN BY: D.L. AUG. 2004
DESIGNED BY: B.F. AUG. 2004
CHECKED BY: L.M.
PROJECT NO: 5969

EXPIRES 06-30-07

DANIEL J. HOOD
REGISTERED PROFESSIONAL ENGINEER - CIVIL
NO. 12811

DATE: 8/10/04

NEVADA POWER COMPANY
NEVADA POWER COMPANY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NEVADA POWER COMPANY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

TR1
25 OF 29 SHEETS
DRAWING NO. 1074816-447

HTE# 05-19169