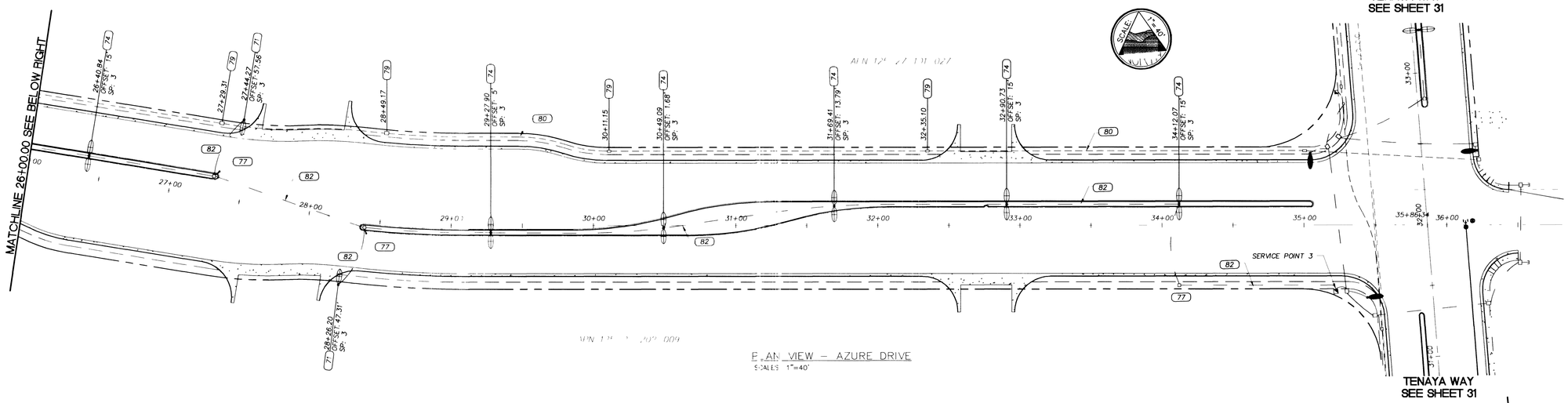
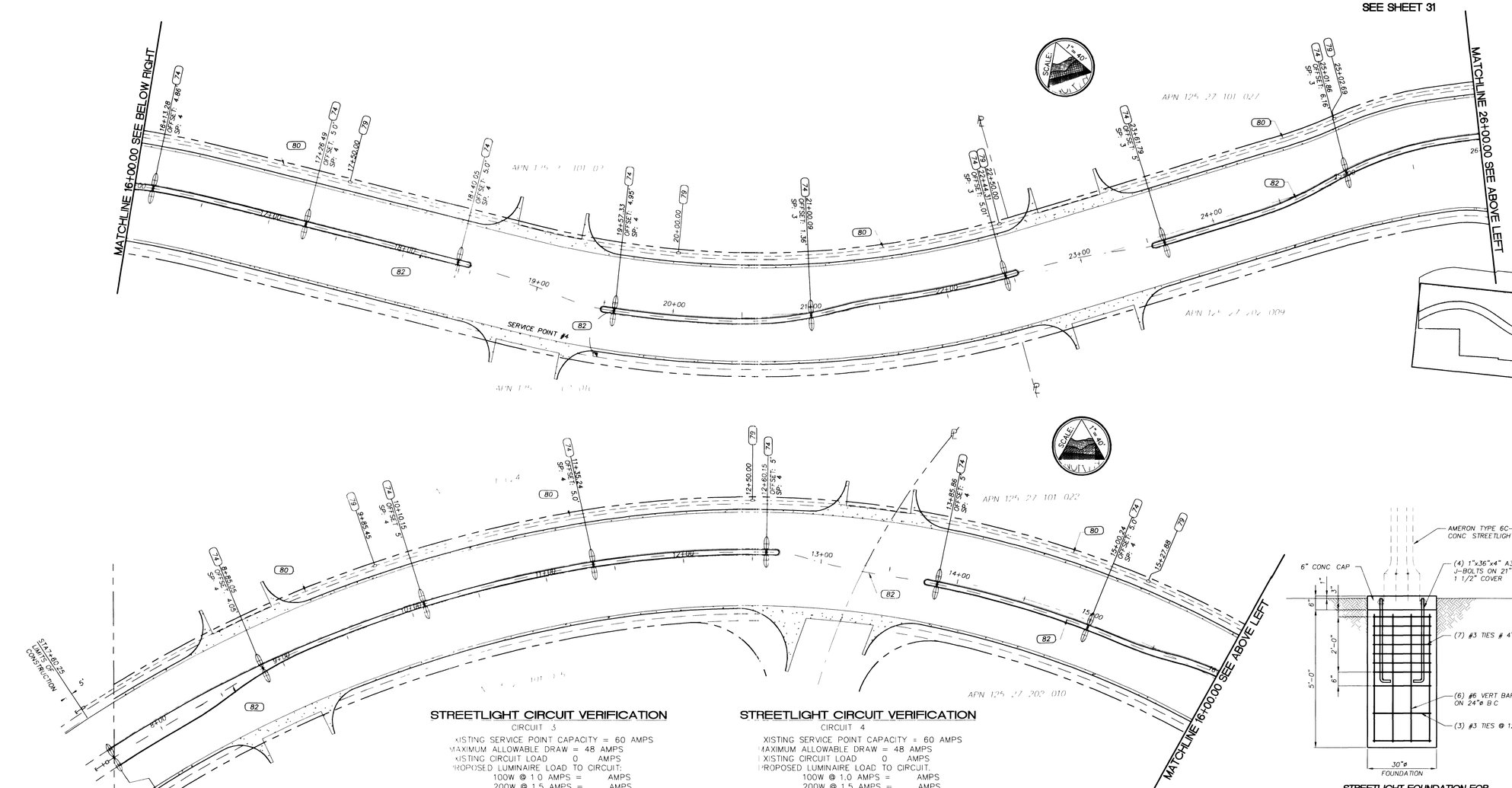


PLAN VIEW – AZURE DRIVE
SCALES 1"=40'



CONSTRUCTION NOTES

STREET LIGHTING

70 NEW STREET LIGHT ASSEMBLY (SEE TOWN CENTER STANDARDS)
71 TYPE XX-A SIGNAL AND LUMINAIRE POLE WITH 250-WATT HPS LUMINAIRE AND FOUNDATION (SEE SHEET 26)
72 11-GAUGE STREET LIGHT ASSEMBLY WITH 250-WATT HPS LUMINAIRE (USD NO 314&321)
73 TYPE XX-A SIGNAL AND LUMINAIRE POLE WITH 400-WATT HPS LUMINAIRE AND FOUNDATION (SEE SHEET 24)
74 TOWN CENTER DOUBLE MAST ARM OVERHEAD STREETLIGHT WITH 250-WATT HPS LUMINAIRE
75 200 AMP SERVICE PEDESTAL (USD NO 330&332)
76 125 AMP SERVICE PEDESTAL (USD NO 330&332)
77 NO. 3-1/2 PULLBOX (USD NO 326)
78 NO. 5 PULLBOX (USD NO 326)
79 NO. 7 PULLBOX – INTERCONNECT (USD NO 326)
80 3" CONDUIT (INTERCONNECT) WITH 25 PAIR #22 WIRE
81 NOT USED
82 2" PVC CONDUIT FOR STREETLIGHT CIRCUITS WITH 2 #4 THW, 1 #8 THWN

40 0 20 40 80
(IN FEET)
1 inch = 40 ft.

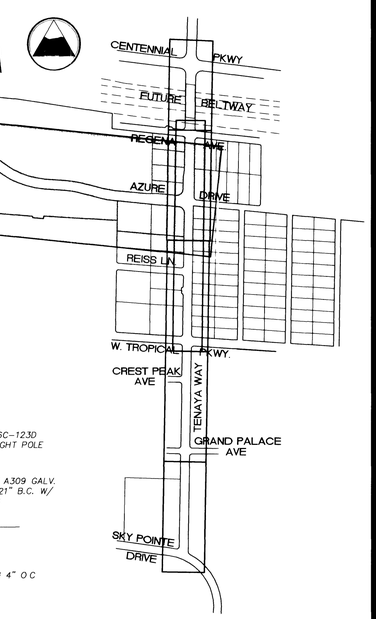
BASIS OF BEARING:

NORTH AMERICAN DATUM – 1983 (NAD'83), NEVADA COORDINATE SYSTEM – 1983 (NCS'83), EAST ZONE (2701), MODIFIED AS SHOWN BY A MAP ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA IN FILE 89 OF RECORDS OR SURVEYS, PAGE 3

BENCHMARKS:

#1LV90/27W4, CLV, PLS 2050 AL CAP W1/4 SEC.27
ELEV 2381.17 NAVD 88

#1LV90/27N4, CLV, AL CAP, PLS 2984,
CENTENNIAL PKWY & TENAYA WAY
ELEV. 2356 41 NAVD 88



KEY MAP

STREETLIGHT CIRCUIT VERIFICATION

CIRCUIT 3

XISTING SERVICE POINT CAPACITY = 60 AMPS
MAXIMUM ALLOWABLE DRAW = 48 AMPS
XISTING CIRCUIT LOAD 0 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT:
100W @ 1.0 AMPS = AMPS
200W @ 1.5 AMPS = AMPS
22 250W @ 1.5 AMPS = 33 AMPS
400W @ 3.9 AMPS = AMPS

TOTAL PROPOSED LOAD = 33 AMPS

XISITNG PLUS PROPOSED LOAD = 33
REMAINING AVAILABLE LOAD = 15

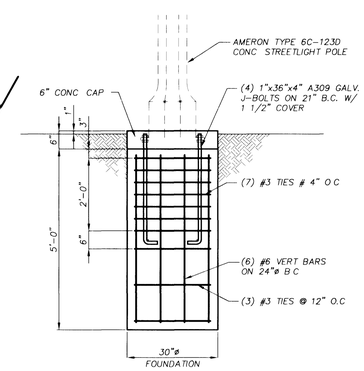
STREETLIGHT CIRCUIT VERIFICATION

CIRCUIT 4

XISTING SERVICE POINT CAPACITY = 60 AMPS
MAXIMUM ALLOWABLE DRAW = 48 AMPS
XISTING CIRCUIT LOAD 0 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT:
100W @ 1.0 AMPS = AMPS
200W @ 1.5 AMPS = AMPS
22 250W @ 1.5 AMPS = 33 AMPS
400W @ 3.9 AMPS = AMPS

TOTAL PROPOSED LOAD = 33 AMPS

XISITNG PLUS PROPOSED LOAD = 33
REMAINING AVAILABLE LOAD = 15



STREETLIGHT FOUNDATION FOR AMERON TYPE 6C-123D POLE
SCALE NONE

DISCLAIMER NOTE

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

Avoid hitting overhead power lines it's costly — Call before you Overhead — 1-702-593-8111

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

REV	DATE	BY	REVISION

DEPARTMENT OF PUBLIC WORKS ENGINEERING DESIGN SECTION
400 EAST STEWART
LAS VEGAS NV, 89101
(702) 229-5276

CITY ENGINEER: CHARLES KAJKOWSKI, JR., P.E.
PROJECT MANAGER: THERESA M. HANRAHAN, P.E.

PRIMAS AND ASSOCIATES
CONSULTING ENGINEERS
1991 CHARRON ROAD, SUITE A-3
LAS VEGAS, NV 89142
PHONE (702) 228-8183
FAX (702) 228-8194

SHEET
AZURE DRIVE
STREET LIGHTING PLAN

TITLE
TENAYA WAY / AZURE DRIVE
ROADWAY IMPROVEMENTS

DRAWN BY:
DESIGNED BY:
CHECKED BY:
PROJECT NO. 107.01001
SCALE 1"=40' HORZ 1"=4' VERT

SEAL
REGISTERED PROFESSIONAL ENGINEER CRAIG A. PRIMAS No. 6638 STATE OF NEVADA
CRAIG A. PRIMAS P.E. REG. No. 6638

SHEET
STL3
32 OF 70 SHEETS

DRAWING NO.
107-V3145

37640

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BID NO. 02.1730.04 DWG NO. 107-V3145