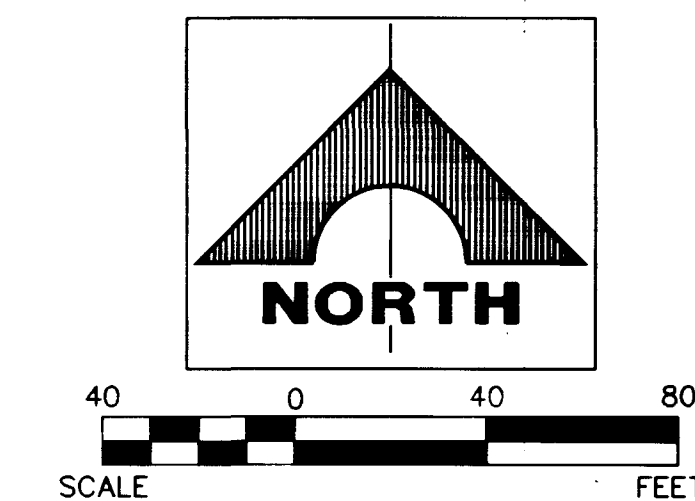
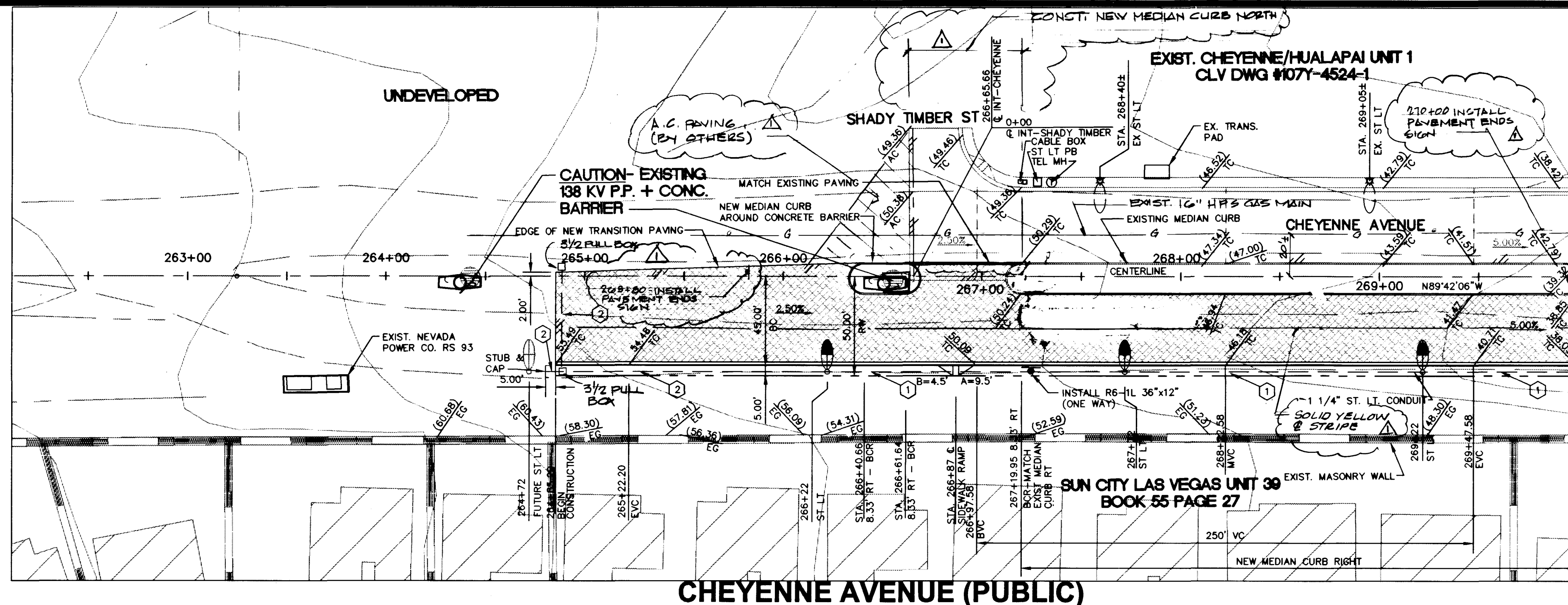




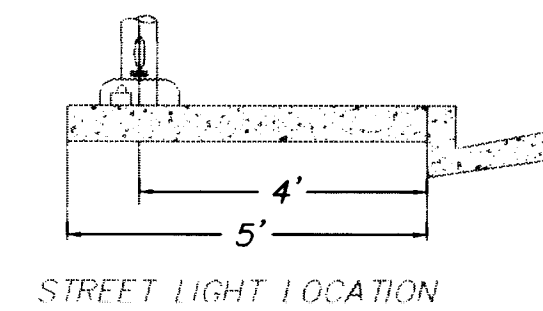
BASIS OF BEARING

N89°41'57"W BEING THE CENTERLINE OF CHEYENNE AVE. AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY NEVADA IN BOOK 55 PAGE 27 OF PLATS.

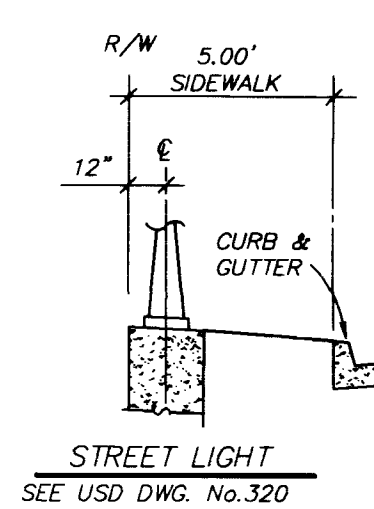
BENCHMARK

C.C.V.C. #1000-17NNW6
RIVET & SQ. AL. PLATE IN TBC SO.
SIDE CHEYENNE AVE. & CAMPBELL
NAVD. 88
EL. 2519.826 - 768.043 METERS

STREET LIGHT NOTE:
ALL HAND HOLE COVERS MUST BE
INSTALLED, POLE CAPS POURED, AND
PULL BOX LIDS BOLTED DOWN PRIOR
TO ENERGIZING CIRCUIT. ALL WIRE
MUST HAVE THW INSULATION.



STREET LIGHTING LEGEND	
	SINGLE 250W HPS CUT OFF TYPE (DEVIATION FROM STANDARD)
	EXISTING 250W HPS
	FUTURE 250W HPS
	1-1/4" CONDUIT
	1-1/4" CONDUIT ONLY
	UNDERGROUND CONDUIT
	NO. 3 1/2 PULLBOX
	EXISTING SERVICE PEDESTAL



STREETLIGHT CIRCUIT CAPACITY VERIFICATION

DEL WEBB COMMUNITIES-CHEYENNE AVE. CIRCUIT 28

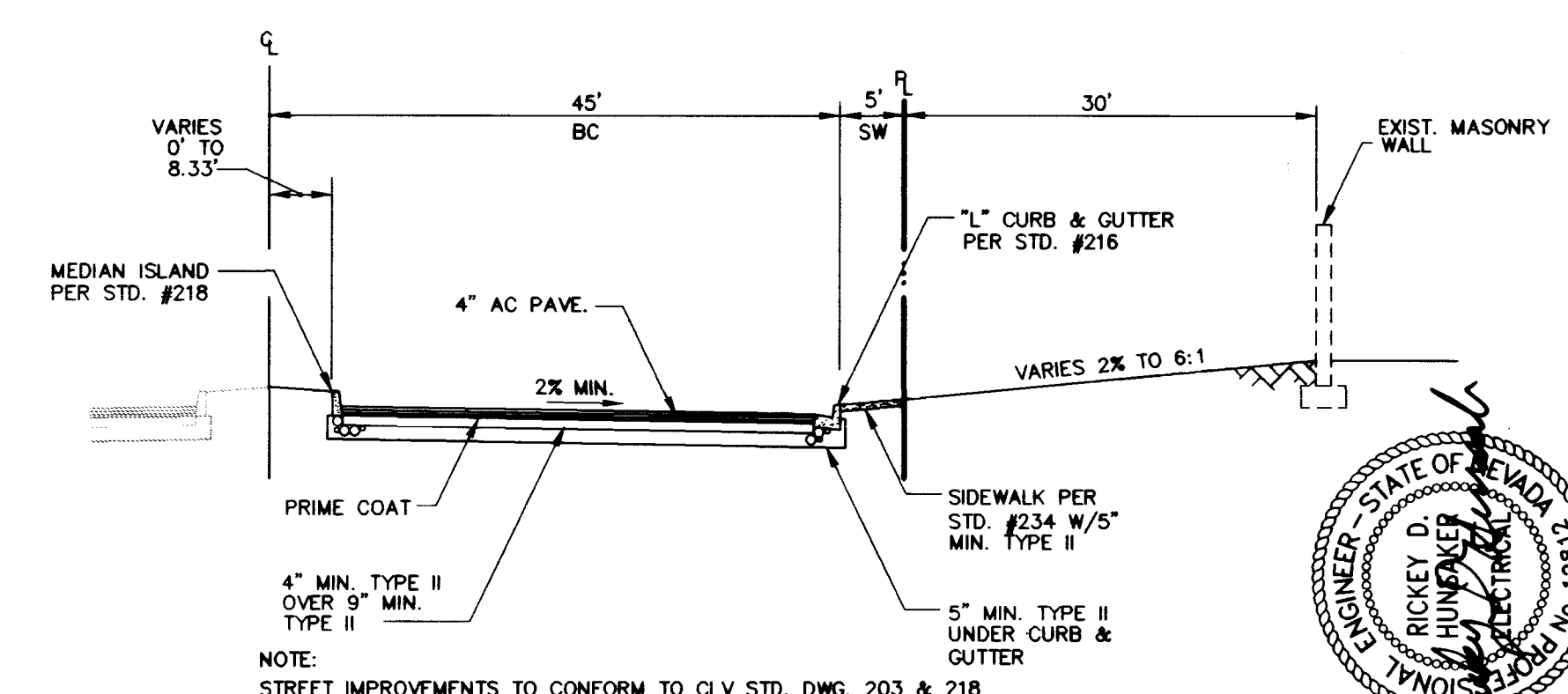
EXISTING SERVICE POINT CAPACITY = 60 AMPS
MAXIMUM ALLOWABLE DRAW (.80) X 60 AMPS = 48 AMPS
EXISTING CIRCUIT LOAD = 0 AMPS

PROPOSED LUMINAIRE LOAD TO CIRCUIT:
0 (#) NUMBER OF 100 WATT SINGLE LUMINAIRES @ 0.5 AMPS = 0 AMPS
8 (#) NUMBER OF 250 WATT SINGLE LUMINAIRES @ 1.25 AMPS = 10 AMPS
0 (#) NUMBER OF 400 WATT SINGLE LUMINAIRES @ 2.0 AMPS = 0 AMPS
TOTAL PROPOSED LOAD = 10.0 AMPS

EXISTING PLUS PROPOSED LOAD = 10.0 AMPS

REMAINING AVAILABLE LOAD = 38.0 AMPS

REMAINING SERVICE POINT CAPACITY FOR FUTURE PHASES = 38.0 AMPS



STREET SECTION STA. 267+19.95 TO STA. 271+66.47

