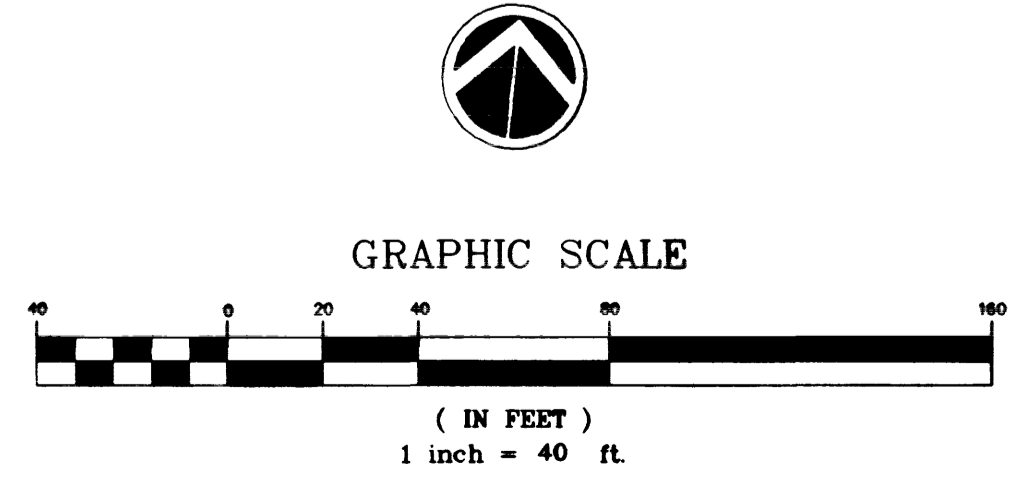


- CONSTRUCTION NOTES:**
- 1 4" A.C. OVER 4" TYPE II A.B. OVER 9" TYPE I A.B.
 - 2 24" "L" TYPE CURB AND GUTTER
 - 3 5' SIDEWALK
 - 4 WHEELCHAIR RAMP
 - 9 2" STREET LIGHT CONDUIT
 - 11 200W HPS STREET LIGHT
 - 15 REMOVE EXISTING CURB, SAWCUT 4" OF EXISTING A/C AND MATCH.
 - 26 8" PVC WATER MAIN
 - 31 12" PVC WATER MAIN
 - 32 12" GATE VALVE
 - 35 INSTALL 16" x 12" REDUCER
 - 36 12" x 8" TEE w/ THRUST BLOCK
 - 37 8" GATE VALVE
 - 38 CLOSE VALVE, REMOVE CAP & B.O. AND CONNECT TO EXISTING 16" WATER
 - 40 FIRE HYDRANT, VALVE AND ASS'Y
 - 44 CAP 8" WATER AND 2" B.O. 10' BEYOND CURB RETURN
 - 50 PHOTO EYE
 - 51 NO. 3-1/2 PULLBOX
 - 52 NO. 7 PULLBOX
 - 53 200 A METER PEDESTAL W/ 2 - 2p-60 AMP CIRCUIT BREAKER 1 - 1p15 AMP CIRCUIT BREAKER 2 - 2p 60 AMP CONTACTORS 1 - BI-PASS SWITCH PER CONTACTORS
 - 54 "L" FOUNDATION W/ ADAPTER PLATE TO STAND POLE
 - 55 NO. 3-1/2 PULLBOX W/ STUB UNDER CURB & GUTTER
 - 56 NO. 5 PULLBOX
 - 58 2" FUTURE LOOPS

BENCHMARK
 PROJECT DATUM=NGVD29 NO.14, STATION 1LV9021N6 3" BRASS CAP USC & GS BM #113 3/4 MILE NORTH OF 1LV9028N6, 50' (FT.) EAST OF OLD RAILROAD BED
 ELEVATION = 2452.515 EQUATION ELEVATION = 2452.515 + 2.401' = 2454.916 (TO NAVD88) (747.5266m + 0.7318m = 748.2584m)

NOTICE TO CONTRACTOR!
 EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL 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.

AVOID CUTTING UNDERGROUND UTILITIES - IT'S COSTLY.
CALL before you Dig
 1-800-227-2600
 UNDERGROUND SERVICE (USA)

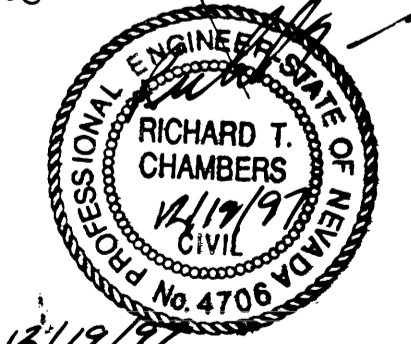


CENTERLINE & BACK OF CURB CURVE TABLE

CURVE	RADIUS	DELTA	TANGENT	LENGTH
C1A	30.00'	90°00'00"	30.00'	47.12'
C1B	30.00'	90°00'00"	30.00'	47.12'
C1C	30.00'	90°00'00"	30.00'	47.12'
C2	30.00'	87°39'01"	28.79'	45.89'
C3	1835.00'	15°52'07"	255.75'	508.22'
C4	1800.00'	18°13'04"	288.60'	572.33'
C5	1765.00'	16°44'31"	259.72'	515.74'

S/W RAMP DATA

CIA	CIB
A = 4.5'	A = 9.5'
B = 12.0'	B = 4.5'
Z = 2.75'	Z = 2.75'



APPROVED FOR CONSTRUCTION
 1st 11/13/96 5/11/96
 LVVWIB DATE

APPROVED BY
 [Signature]
 RICHARD T. CHAMBERS RE. No. 4706 DATE 11/13/96
 CITY OF LAS VEGAS

REVISION DESCRIPTION
 NO. DATE BY
 1 12/18/97 RGM
 2 1/11/98 RGM

PROFESSIONAL ENGINEER STATE OF NEVADA
 MARKIE JONES
 CIVIL ENGINEER No. 6884
 STAMP DATE 7/30/96

SOUTHWEST ENGINEERING
 LAND PLANNING • SURVEYING • DEVELOPMENT
 5426 W. VEGAS DRIVE
 LAS VEGAS, NEVADA 89108
 (702) 846-9700

STREET/SEWER PLAN & PROFILE
 SUNNY SPRINGS LANE
ELKHORN SPRINGS
 PHASE II

TITLE PROJECT
 VBRK ORDER NO. 950325
 DESIGN BY: M. JONES
 DATE: 04/15/96
 SCALE: 1" = 40'
 CAD FILE: SUNSP-P-DWG
 SHEET 7 OF 21 SHEETS