

Call before
you Dig
1-800-227-2600

Call before
you Overhead
1-702-593-6111

BENCHMARK
Elevation = 3209.10 FEET (NAVD 88 DATUM)
CITY OF LAS VEGAS BENCHMARK No. 9LV19 2NWS

NDOT DISC SET IN CONCRETE, 50 FEET SOUTH OF THE CENTERLINE OF
CHARLESTON BLVD. AT P.T. COMING OUT OF RED ROCK, STAMPED STA.
787+19.42 PT ± MP 14.7

NAVD 88 ELEVATION = 978.1356 METERS

BASIS OF BEARINGS

NORTH 89°46'19" EAST, BEING THE BEARING OF THE NORTH LINE OF
SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS
VEGAS, CLARK COUNTY, NEVADA, AS SHOWN IN FILE 92 OF SURVEYS, PAGE
42, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

GRADING KEY NOTES

- CONSTRUCT 2" MIN. AC OVER 4.5" MIN TYPE II AGG. BASE ON 6" MIN.
TYPE I AGG. BASE PER SUMMERLIN STD. NO. S-14
- CONSTRUCT 3" MIN. AC OVER 4" MIN TYPE II AGG. BASE ON 6" MIN.
TYPE I AGG. BASE PER SUMMERLIN STD. DWG. NO. S-12
- CONSTRUCT "L" TYPE CURB PER SUMMERLIN STD. DWG. NO. S-47.
- CONSTRUCT "A" TYPE CURB PER SUMMERLIN STD. DWG. NO. S-50
- CONSTRUCT CONC. SIDEWALK PER SUMMERLIN STD. DWG. NO. S-72. SEE PLANS FOR WIDTH.
- CONSTRUCT 8" WIDE CROSS GUTTER PER SUMMERLIN STD.
DWG. NO. S-64
- CONSTRUCT SIDEWALK RAMP PER CLARK COUNTY DWG. NO. 235 CASE I.
- CONSTRUCT ROLL TYPE CURB PER SUMMERLIN STD. S-48.
- CONSTRUCT 5" TRANSITION FROM "L" TYPE CURB TO ROLL TYPE CURB PER
DETAIL 7 SHEET DT-1
- INSTALL TYPE CM2 CATCH BASIN PER DETAIL, SHEET DT-2, SEE PLAN AND
PROFILE FOR SIZES

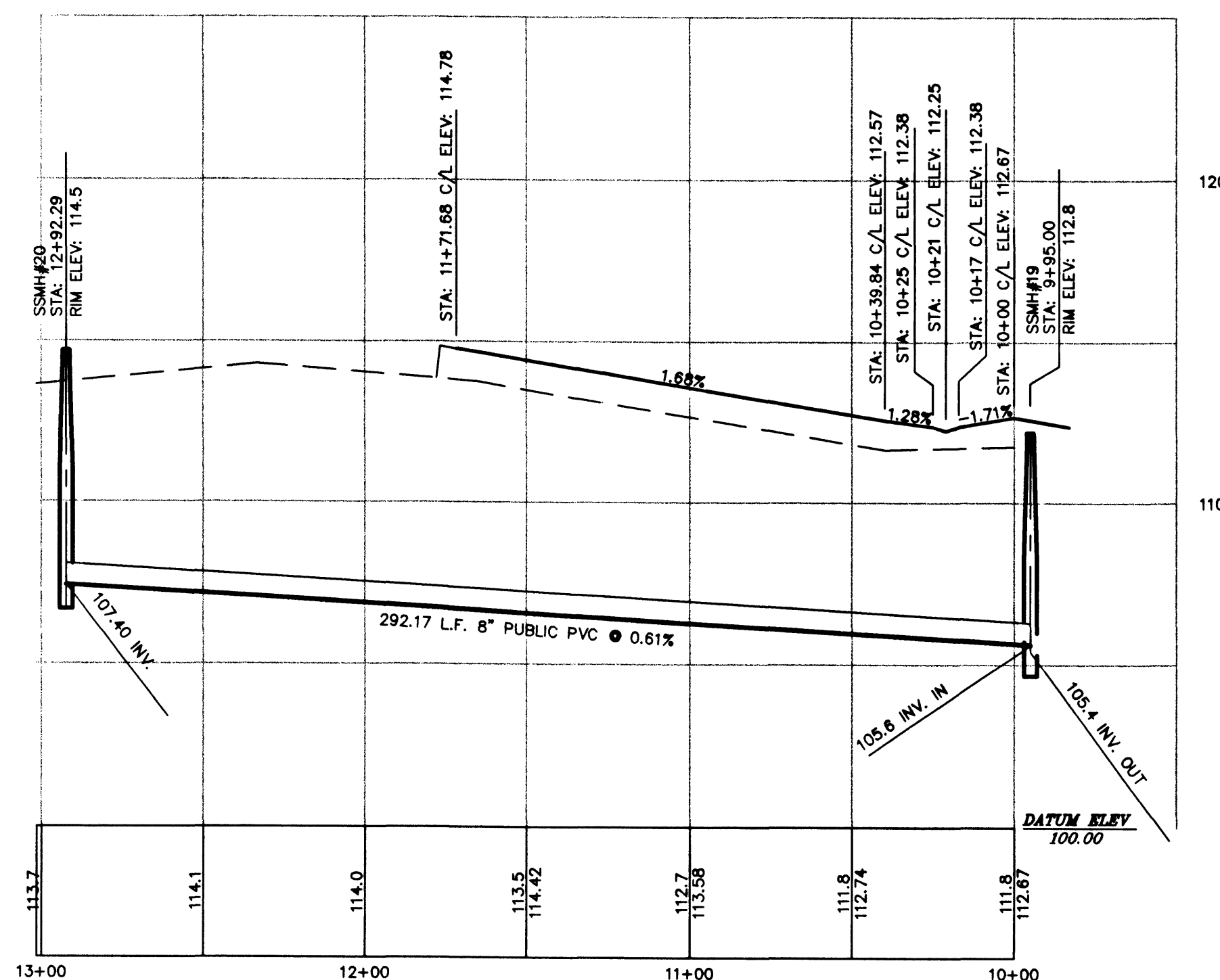
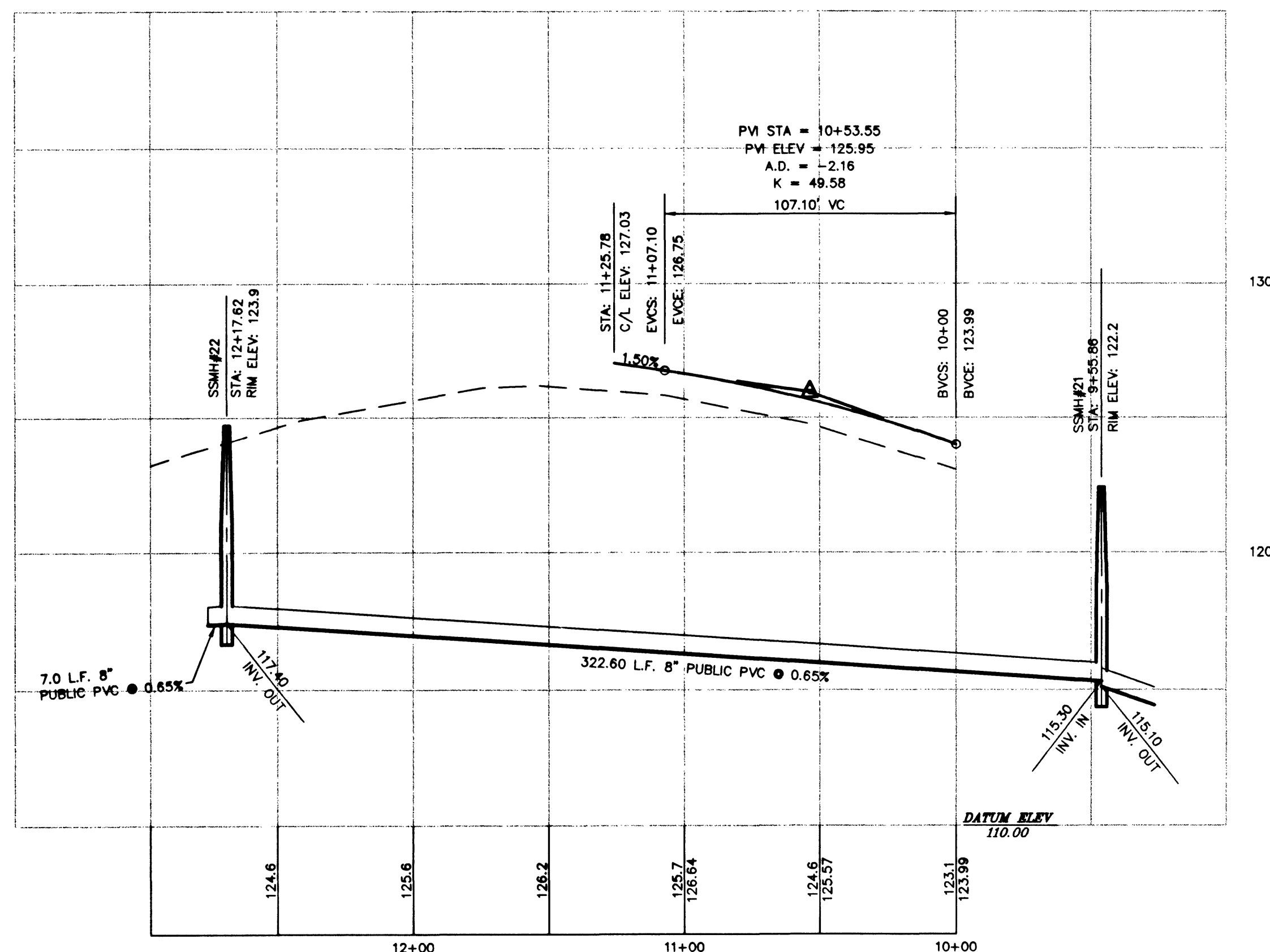
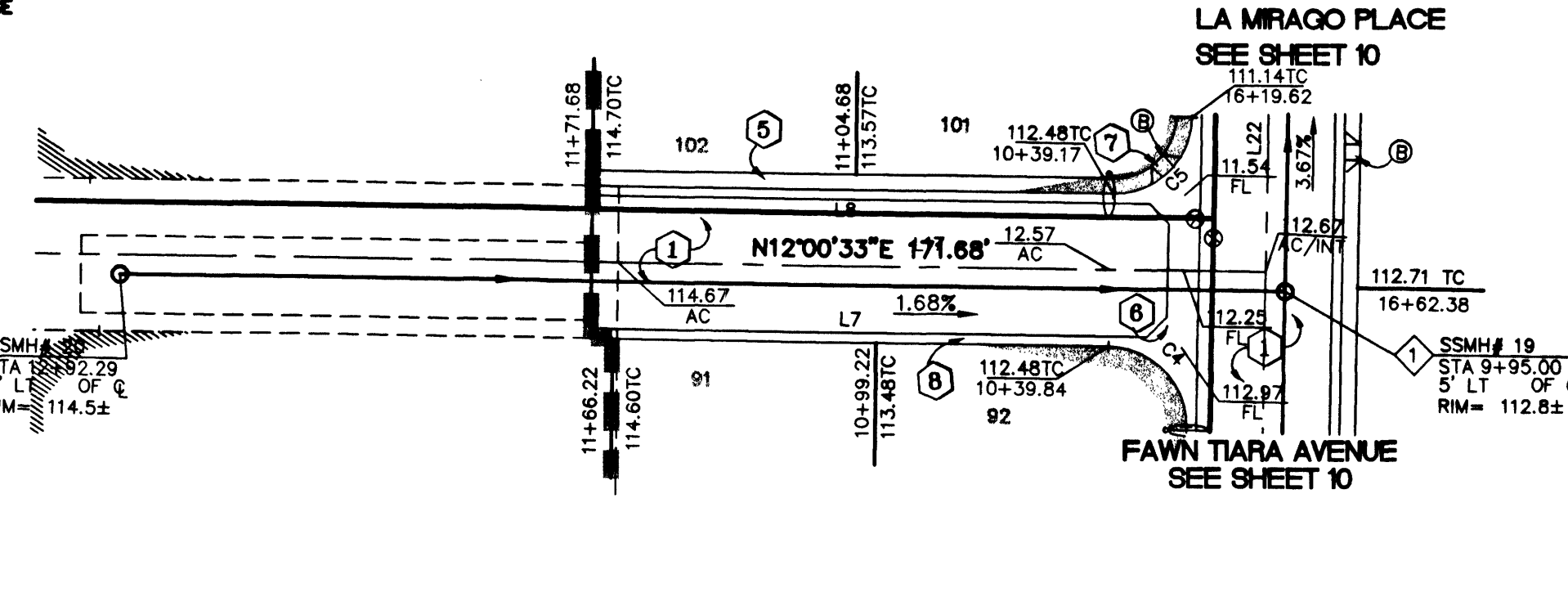
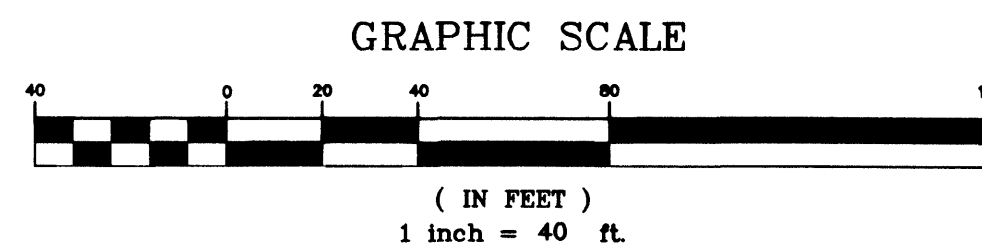
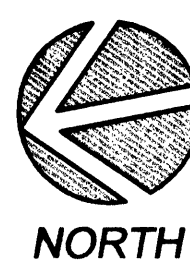
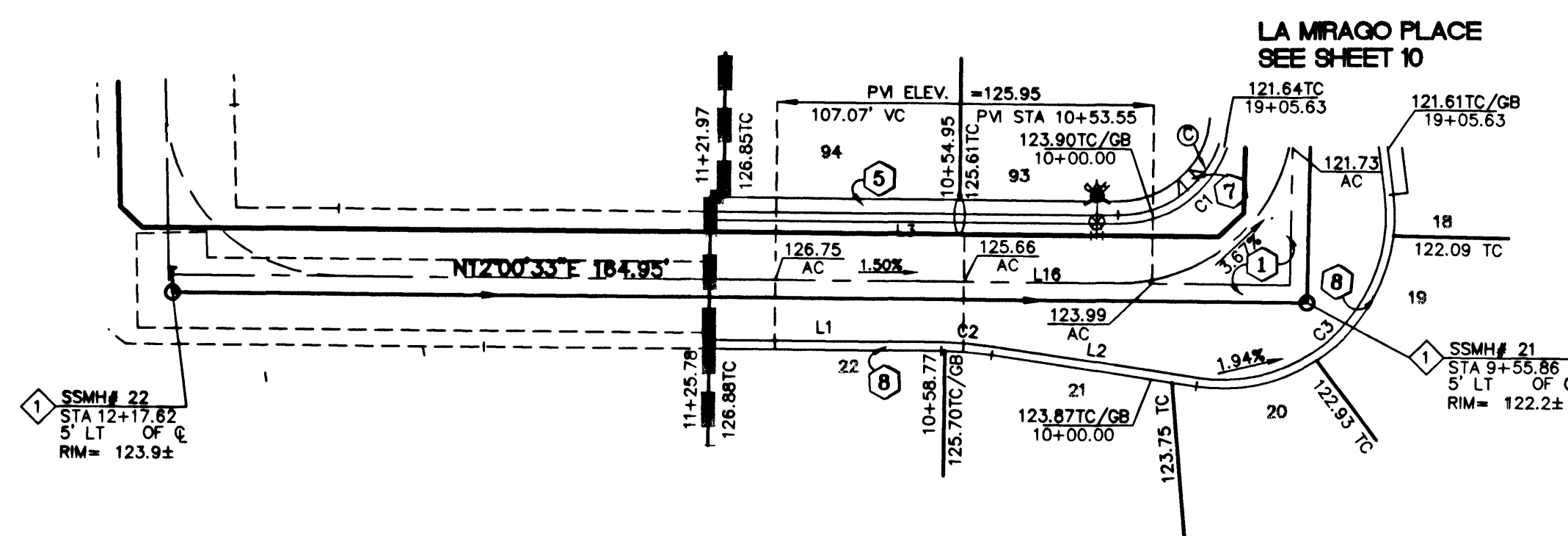
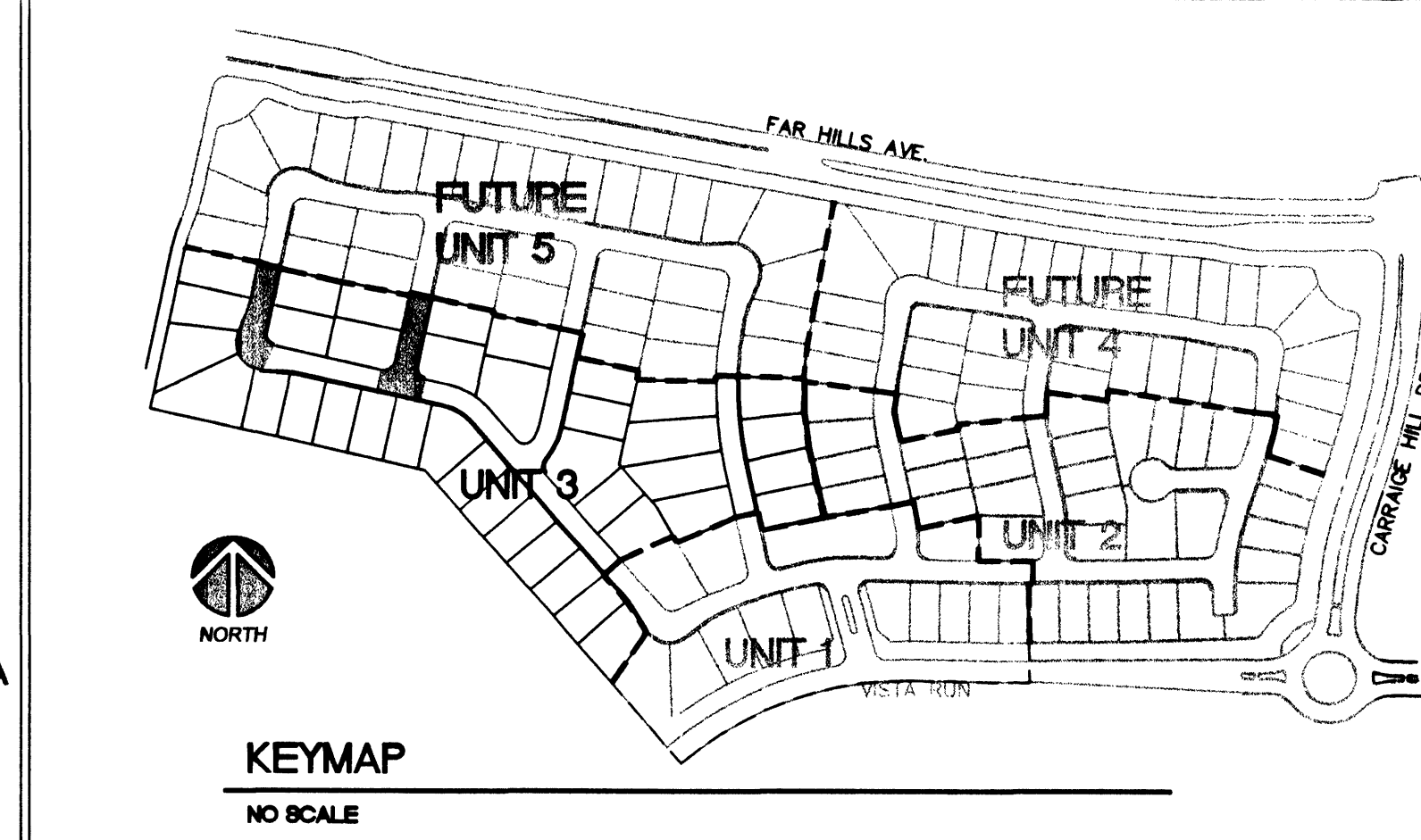
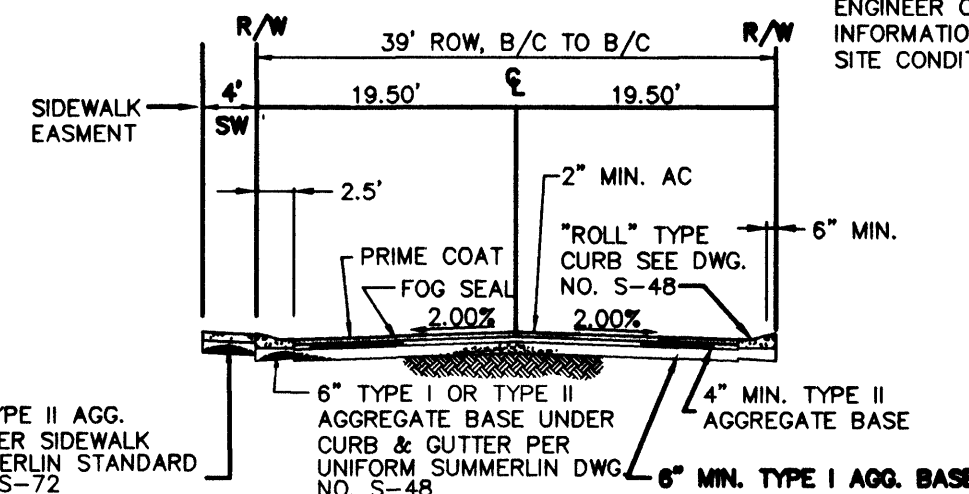
LINE TABLE		
No.	BEARING	DISTANCE
L1	S12°00'33"W	65.95
L2	S20°15'58"W	58.88
L3	S12°00'33"W	115.87
L4	S85°45'43"E	58.88
L5	S77°30'18"E	273.52
L6	N77°30'18"W	197.09
L7	N12°00'33"E	131.84
L8	S12°00'33"W	132.51
L9	S77°30'18"E	47.35
L10	S40°42'00"E	80.19
L11	S40°42'00"E	434.79
L12	N12°00'33"E	177.56
L13	S40°42'00"E	216.90
L14	S12°14'38"E	96.74
L15	S12°14'38"E	132.15
L16	S12°00'33"W	164.95
L17	S12°00'33"W	171.68
L18	S12°00'33"W	177.56
L19	N77°30'18"W	372.52
L20	S40°42'00"E	378.12
L21	S77°30'18"E	286.01
L22	S77°30'18"E	86.51
L23	N40°42'00"W	253.32
L24	N40°42'00"W	124.80
L25	S49°18'00"W	9.45
L26	N12°14'38"W	96.74

CURVE TABLE			
No.	RADIUS	DELTA	LENGTH
C1	30.00	89°30'51"	46.97
C2	100.00	08°15'25"	14.41
C3	49.00	106°01'41"	90.68
C4	20.00	90°29'09"	31.59
C5	20.00	89°30'51"	31.25
C6	133.00	36°48'18"	85.44
C7	94.00	36°48'18"	60.38
C8	20.00	109°16'59"	38.15
C9	111.00	18°00'28"	34.89
C10	20.00	79°49'06"	27.86
C11	150.00	27°06'33"	70.97
C12	693.00	14°11'13"	171.59
C13	654.00	14°11'13"	161.94
C14	113.50	36°48'18"	72.91
C15	130.50	37°17'27"	84.94
C16	673.50	14°11'13"	166.77

SIDEWALK RAMP DATA		
CASE	A	B
A	9.5	4.5
B	15.0	4.5
C	21.5	4.5
D	4.5	15.0
E	4.5	12.0
F	8.0	8.0

CONTRACTORS NOTE

CONTRACTOR SHALL IMMEDIATELY NOTIFY
ENGINEER OF ANY DISCREPANCY BETWEEN
INFORMATION ON PLANS AND EXISTING
SITE CONDITIONS.



TC= CL -0.09

DESIGNED BY:	DATE:
DRAWN BY:	DATE:
CHECKED BY:	DATE:
PROJECT DATE:	

SUMMERLIN VILLAGE 20
TEAHOUSE ST. & TWILIGHT ROSE ST.
STREET AND SEWER
PLAN AND PROFILE
UNIT 3

DEVELOPER
William Lyon Homes, Inc.

SEAL
DARRIN M. BUCK
PROFESSIONAL ENGINEER
STATE OF NEVADA
No. 10574

6280 S. Valley View Blvd Suite 200
Las Vegas, NV 89118
Tel: (702) 368-3008
Fax: (702) 368-0047

CONSULTANTS, INC.
ENGINEERING • PLANNING • LAND SURVEYING

SHEET
ST2
11 OF 15
AGENCY DWG. NO.
307Y-4705-3