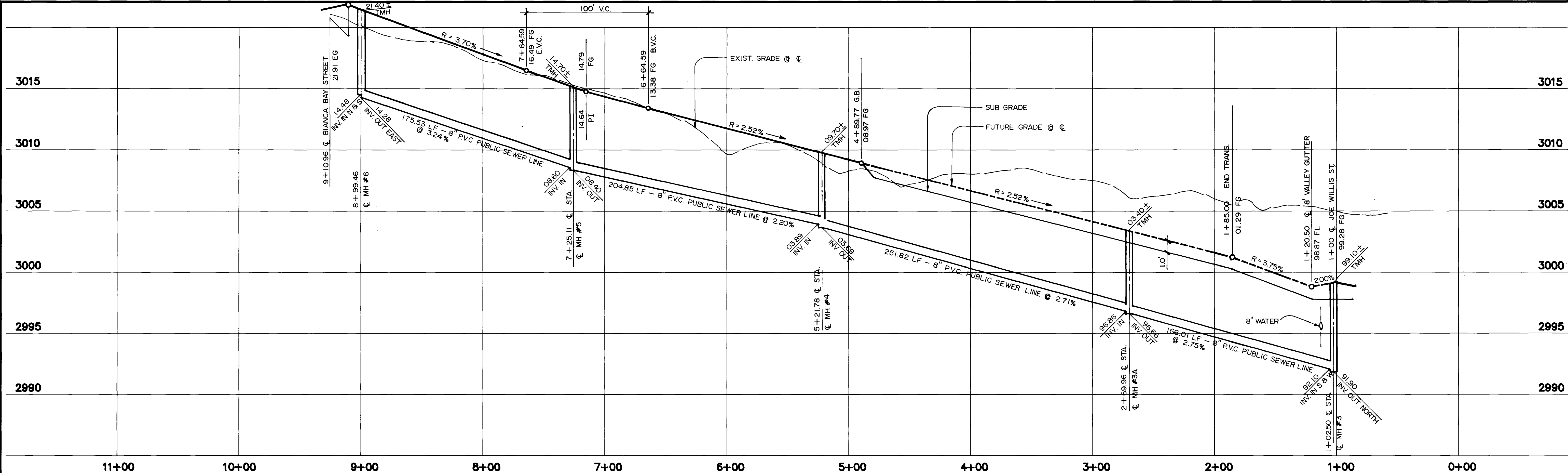
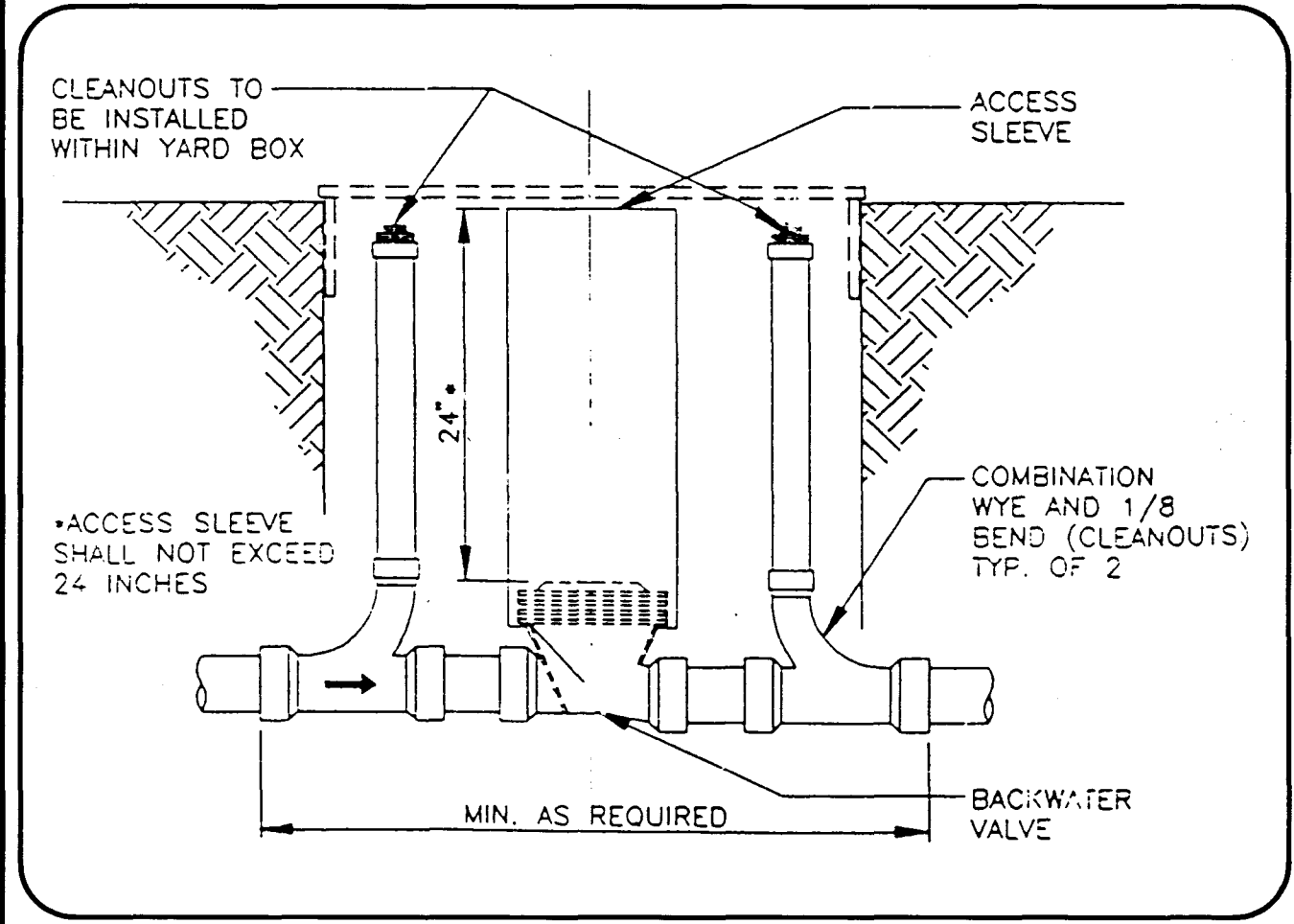


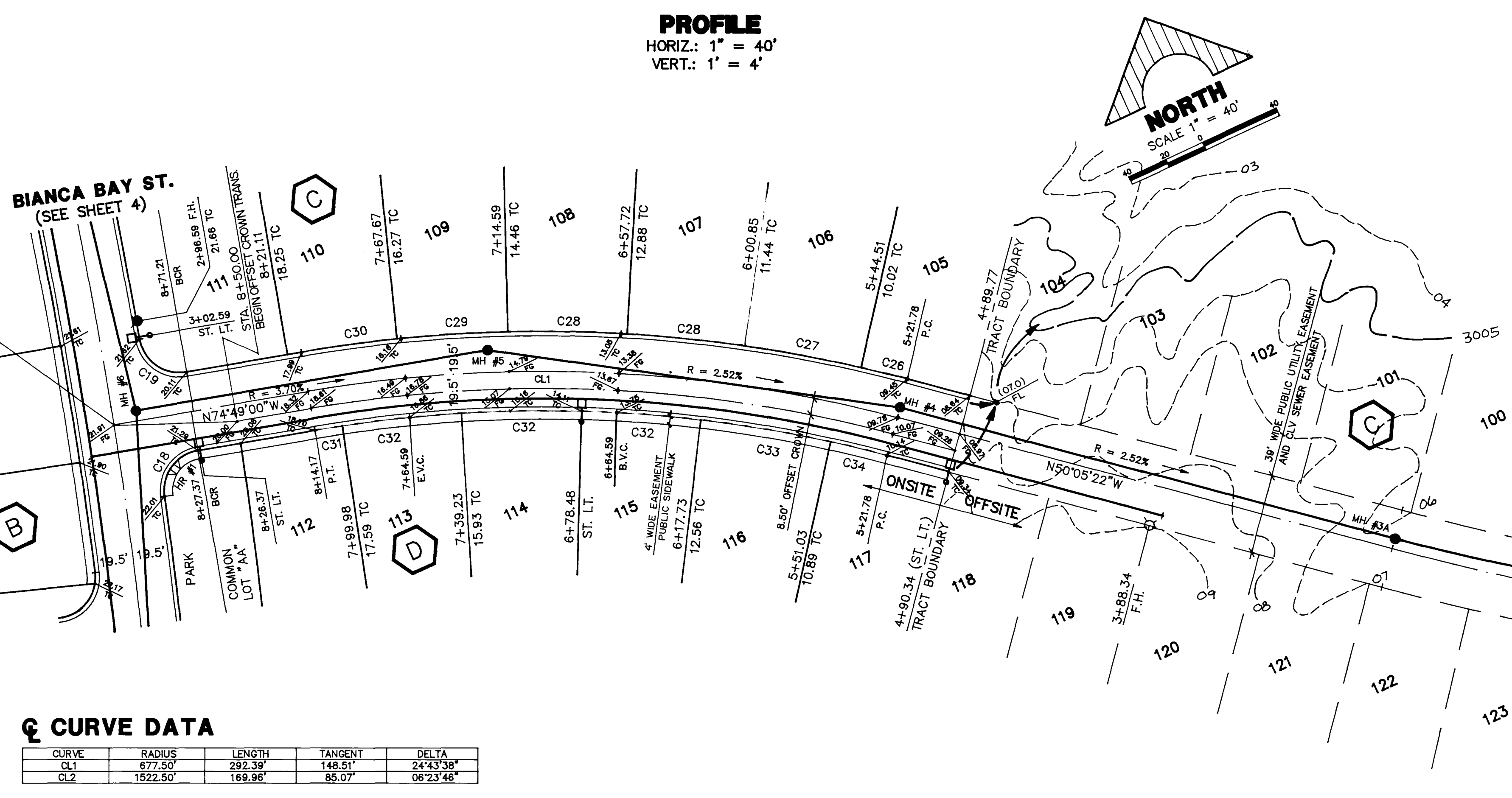


TO SATISFY THE INTENT OF THE 1994 UNIFORM PLUMBING CODE, SUBSECTIONS 710.1 AND 710.6 FOR RESIDENTIAL BACKWATER VALVES, LOCAL BUILDING DEPARTMENTS INDICATE IN AN OCT. 24, 1996 JOINT LETTER AGREEMENT:

"DRAINAGE PIPING SERVING FIXTURES WHICH HAVE FLOOD LEVEL RIMS LOCATED BELOW THE ELEVATION OF THE NEXT UPSTREAM MANHOLE COVER OF THE PUBLIC OR PRIVATE SEWER SERVING SUCH DRAINAGE PIPING SHALL BE PROTECTED FROM BACKFLOW OF SEWAGE BY INSTALLING AN APPROVED TYPE BACKWATER VALVE. ALL FIXTURES LOCATED WITHIN THE DWELLING UNIT MAY DISCHARGE THROUGH A SINGLE BACKWATER VALVE, PROVIDED THAT APPROVED TYPE CLEANOUTS ARE LOCATED IMMEDIATELY UPSTREAM AND DOWNSTREAM OF THE BACKWATER VALVE. BACKWATER VALVES SHALL BE LOCATED WHERE THEY WILL BE ACCESSIBLE FOR INSPECTION AND REPAIR AT ALL TIMES. THE ACCESS SLEEVE SHALL NOT EXTEND MORE THAN 24" FROM THE TOP OF THE VALVE COVER TO THE TOP OF THE SLEEVE CAP. ALL BACKWATER VALVES LOCATED 24" OR LESS WILL NOT REQUIRE AN ACCESS BOX. THE BACKWATER VALVE MAY BE INSTALLED A MAXIMUM OF 36" BELOW GRADE PROVIDED AN ACCESS BOX WITH MINIMUM DIMENSIONS OF 14" IN WIDTH BY 23" IN LENGTH MEASURED FROM INSIDE EDGE TO INSIDE EDGE IS USED AND THE MINIMUM DEPTH OF THE BOX IS 12". ALL BACKWATER VALVES LOCATED DEEPER THAN 36" SHALL BE MADE ACCESSIBLE BY USE OF A YARD BOX OR VAULT SIZED LARGE ENOUGH TO PERMIT A PERSON TO ENTER THE BOX FOR THE PURPOSE OF ACCESSING THE BACKWATER VALVE."



- NOTES:**
- 36" MAX. DEPTH WITH BOX - MIN. DIMENSION 14"x23"x12" IN DEPTH.
 - VALVE LOCATED DEEPER THAN 36" SHALL BE SIZED TO PERMIT PERSON TO ENTER BOX.
 - REMOVE VALVE ASSEMBLY TO CLEAN OUT BEHIND CLAPPER.



CL CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	DELTA
CL1	677.50'	292.39'	148.51'	24°43'38"
CL2	1522.50'	169.96'	85.07'	06°23'48"

LOTS REQUIRING SEWER BACK WATER VALVES

LOT NO.	BLOCK NO.
105	C
106	C
107	C
109	C
110	C
113	D
116	D

BCR CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	DELTA
C28	697.00'	58.51'	29.27'	04°48'34"
C31	658.00'	13.79'	6.89'	01°12'01"
C32	658.00'	59.00'	29.52'	05°08'14"
C121	1503.00'	124.31'	62.19'	04°44'19"
C127	1542.00'	50.41'	25.21'	01°52'24"
C27	697.00'	57.36'	29.00'	04°45'53"
C34	658.00'	28.41'	14.21'	02°28'26"
C33	658.00'	64.79'	32.42'	05°38'28"
C26	697.00'	23.39'	11.70'	01°55'51"
C122	1503.00'	4.44'	2.22'	00°10'10"
C123	1503.00'	59.36'	29.68'	02°15'46"
C125	1542.00'	139.61'	69.86'	05°11'15"
C126	1542.00'	44.10'	22.05'	01°38'19"
C120	20.00'	33.62'	22.33'	06°18'57"
C128	1542.00'	45.10'	22.55'	01°40'33"
C129	20.00'	25.22'	14.60'	02°15'46"
C124	1503.00'	80.50'	30.25'	02°18'23"
C18	20.00'	30.78'	19.38'	08°10'53"
C19	20.00'	31.37'	19.95'	08°51'53"
C30	697.00'	47.84'	23.93'	03°55'56"
C29	697.00'	54.60'	27.32'	04°29'19"

SEWER CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	DELTA
CS1	1034.41'	166.01'	83.18'	09°11'43"

SIDEWALK RAMP DATA
PER S.I.S. DWG. NO. S-77, CASE 1

NO.	A	B
HR #1	4.50'	15.00'

BENCHMARK
RIVET & PLATE IN TOP OF CURB, NE RETURN OF CHARLESTON BLVD. AND HUALAPAI WAY. (NO. 0LV09-36SES)
2909.769 NGVD 1929 DATUM
2912.23 NAVD 1988 DATUM (887.6503 M)
*2910.05 SUMMERLIN DATUM
*THIS PROJECT BASED ON SUMMERLIN DATUM

SHEET CONTENTS:
LEWIS HOMES OF NEVADA
GLENVIEW NO.1 - BY LEWIS HOMES
SPRUCEDALE AVENUE

delUNA, INC.
ENGINEERING • PLANNING • SURVEYING
7310 SMOKE RANCH ROAD, SUITE 1, LAS VEGAS, NEV. 89128, (702) 255-6242

RECOMMENDED BY:
LEONARDO V. OLUNA
LEWIS HOMES OF NEVADA
DATE: 1/4/97
R.E. NO. 3794

97105T1B

SHEET
5
OF 10 SHEETS

DESCRIPTION
REV. DATE
3015
3010
3005
3000
2995
2990

