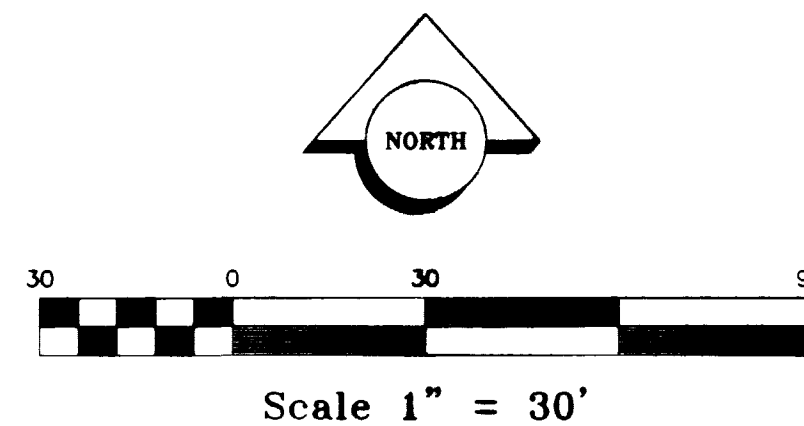
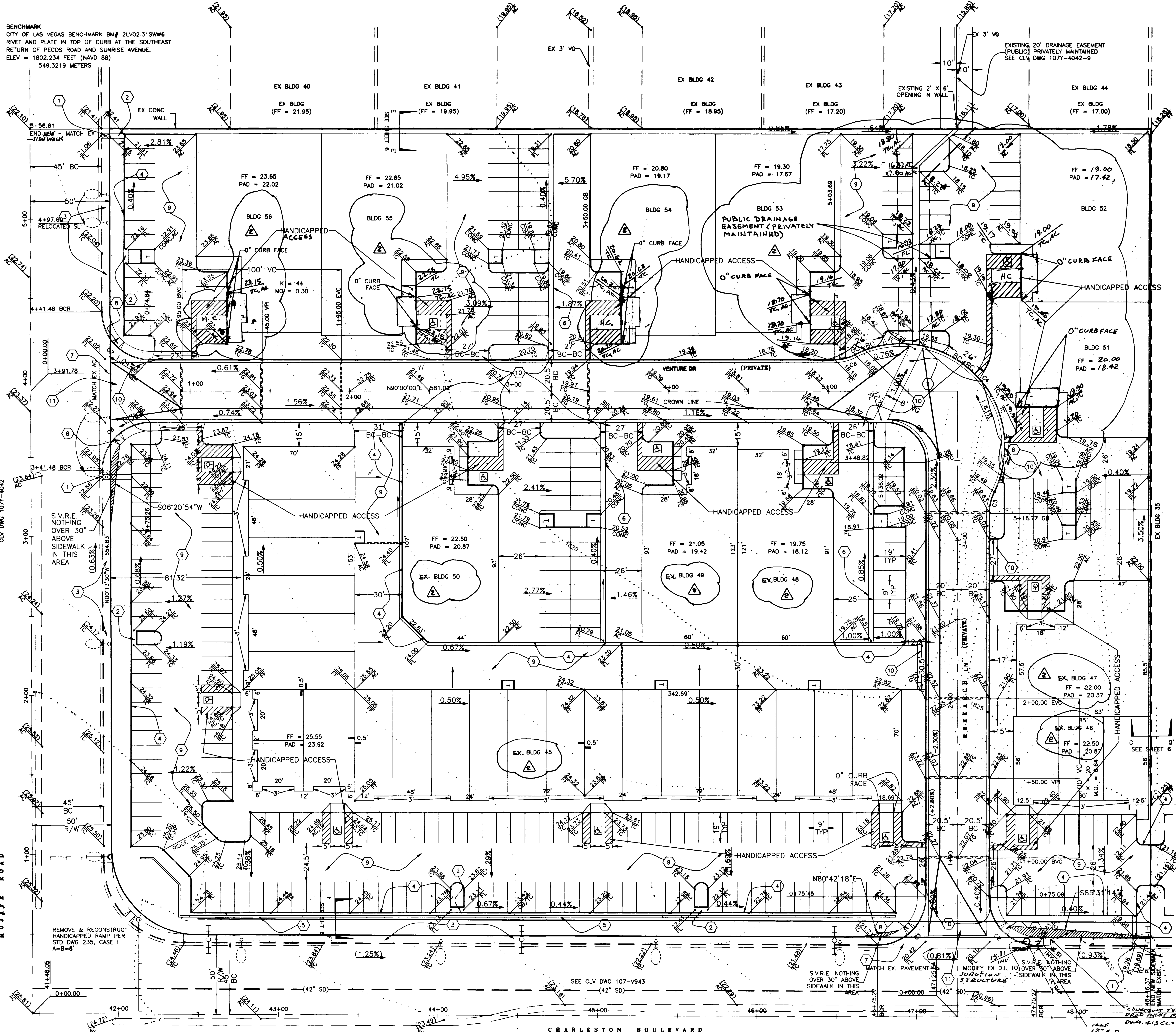


BENCHMARK
CITY OF LAS VEGAS BENCHMARK BM# 2LV02.31SWW6
RIVET AND PLATE IN TOP OF CURB AT THE SOUTHEAST
RETURN OF PECOS ROAD AND SUNRISE AVENUE.
ELEV = 1802.234 FEET (NAVD 88)
549.3219 METERS



SLAB SECTION ABOVE PAD:
5 1/2" CONCRETE SLAB
2" SAND/VISQUEEN
12" TYPE II GRAVEL BASE
PAVEMENT SECTION:
2 1/2" A.C. OVER 12"
TYPE II GRAVEL BASE

CALL
BEFORE YOU
DIG
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

CURVE	LENGTH	DELTA	RADIUS	TANGENT
C1	47.23'	90°12'23"	30.00'	30.11'
C2	47.02'	89°47'37"	30.00'	29.88'
C3	13.91'	26°33'42"	30.00'	7.08'
C4	162.40'	143°09'18"	65.00'	195.14'
C5	39.27'	90°00'00"	25.00'	25.00'
C6	14.03'	26°48'18"	30.00'	7.15'
C7	47.00'	89°45'24"	30.00'	28.87'
C8	47.25'	90°14'36"	30.00'	30.13'

NOTE: ALL WORK SHALL BE DONE IN ACCORDANCE
WITH "SOIL AND FOUNDATION INVESTIGATION,
THE SPECTRUM OF LAS VEGAS, PHASE I,
COMMERCIAL AND INDUSTRIAL DEVELOPMENT,
PECOS ROAD AND SUNRISE AVENUE, LAS
VEGAS, NEVADA" PREPARED BY:
CONVERSE CONSULTANTS' SOUTHWEST INC.
DATED: 12 MAY, 1989
PROJECT NO: 88-33260-02

CONSTRUCTION NOTES

1. CONSTRUCT SIDEWALK DRAIN PER STD DWG 236
2. CONSTRUCT CONCRETE FLUME PER DETAIL "A" SHEET 6
3. CONSTRUCT SIDEWALK PER STD DWG 234
4. CONSTRUCT "L" TYPE CURB & GUTTER PER STD DWG 219
5. CONSTRUCT CONCRETE BARRIER RAIL PER STD DWG 237
SEE SHEET 6
6. CONSTRUCT 3" VALLEY GUTTER PER DETAIL "B" SHEET 6
7. CONSTRUCT 8" VALLEY GUTTER PER STD DWG 228
8. CONSTRUCT SIDEWALK RAMP PER STD DWG 235
CASE I
A=B=8'
9. CONSTRUCT 2 1/2" AC OVER 12" TYPE II
10. CONSTRUCT DRIVEWAY PER STD DWG NO 224
11. CONSTRUCT COMMERCIAL DRIVEWAY PER STD DWG 222A

LEGEND

00.00	DESIGN ELEVATION
---	EXISTING POWER POLE
FG	FINISH GRADE
FF	FINISH FLOOR
○	EXISTING STREETLIGHT
(00.00)	EXISTING ELEVATION
TC	TOP OF CURB
BC	BACK OF CURB
AC	ASPHALT CONCRETE
○	EX TRAFFIC SIGNAL
0000	EXISTING CONTOURS

I CERTIFY THAT THIS GRADING PLAN IS IN
CONFORMANCE WITH THE APPROVED DRAINAGE
STUDY ON FILE WITH THE CITY OF LAS VEGAS
FOR THIS PROJECT.

13 JAN 98
DATE

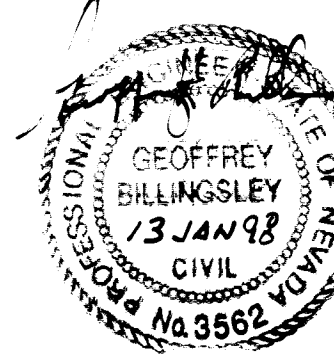
NOTE: SEE ARCHITECTURAL PLANS FOR
DETAILS OF HANDICAPPED
ACCESSIBILITY AND RAMPS.

NOTE: VENTURE DRIVE AND RESEARCH
ARE PRIVATE STREETS, PRIVATELY
MAINTAINED.

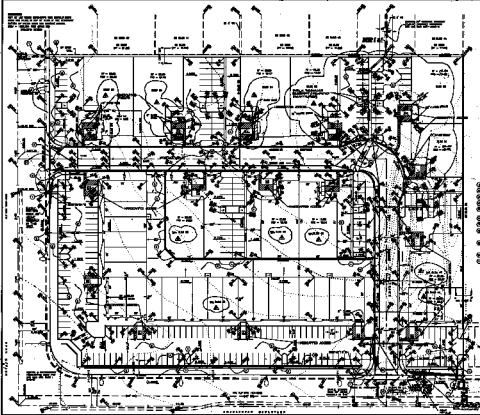
NO.	DATE	BY	REVISION	APPROVAL
1	12/97	JAS	REVISED: HANDICAPPED ACCESS, RAMP, SIDEWALK, AND TRAFFIC SIGNAL	
2	1/98	JAS	REVISED: HANDICAPPED ACCESS, RAMP, SIDEWALK, AND TRAFFIC SIGNAL	

AZIMUTH
ENGINEERING & SURVEYING INC.
1000 S. RIVINGTON AVE., SUITE 100
HENDERSON, NEVADA 89015
(702) 564-8544

LEWIS PROPERTIES
SPECTRUM - PHASE X AND XI
GRADING PLAN
LAS VEGAS, NEVADA



JOB NO:	97-030	CHECKED:	G.H.B.
DRAWN:	JAS		
DATE:	18 DEC 97		



EXISTING	NEW
CONCRETE	ASPHALT
PAVING	GRASS
LANDSCAPE	PLANTING

1. EXISTING	2. NEW
3. EXISTING	4. NEW
5. EXISTING	6. NEW
7. EXISTING	8. NEW

NOTES:
1. ALL DIMENSIONS ARE IN FEET.
2. ALL DISTANCES ARE APPROXIMATE.
3. ALL ANGLES ARE APPROXIMATE.
4. ALL SURFACES ARE APPROXIMATE.
5. ALL MATERIALS ARE APPROXIMATE.
6. ALL CONSTRUCTION IS APPROXIMATE.
7. ALL UTILITIES ARE APPROXIMATE.
8. ALL PLANTING IS APPROXIMATE.

- 1. EXISTING
- 2. NEW
- 3. EXISTING
- 4. NEW
- 5. EXISTING
- 6. NEW
- 7. EXISTING
- 8. NEW

1. EXISTING	2. NEW
3. EXISTING	4. NEW
5. EXISTING	6. NEW
7. EXISTING	8. NEW

NOTES:
1. ALL DIMENSIONS ARE IN FEET.
2. ALL DISTANCES ARE APPROXIMATE.
3. ALL ANGLES ARE APPROXIMATE.
4. ALL SURFACES ARE APPROXIMATE.
5. ALL MATERIALS ARE APPROXIMATE.
6. ALL CONSTRUCTION IS APPROXIMATE.
7. ALL UTILITIES ARE APPROXIMATE.
8. ALL PLANTING IS APPROXIMATE.



LEVIN PROPERTIES
SPECTRUM - PHASE II
GRADING PLAN

DATE	10/1/00
BY	J. LEVIN
CHECKED BY	J. LEVIN
APPROVED BY	J. LEVIN