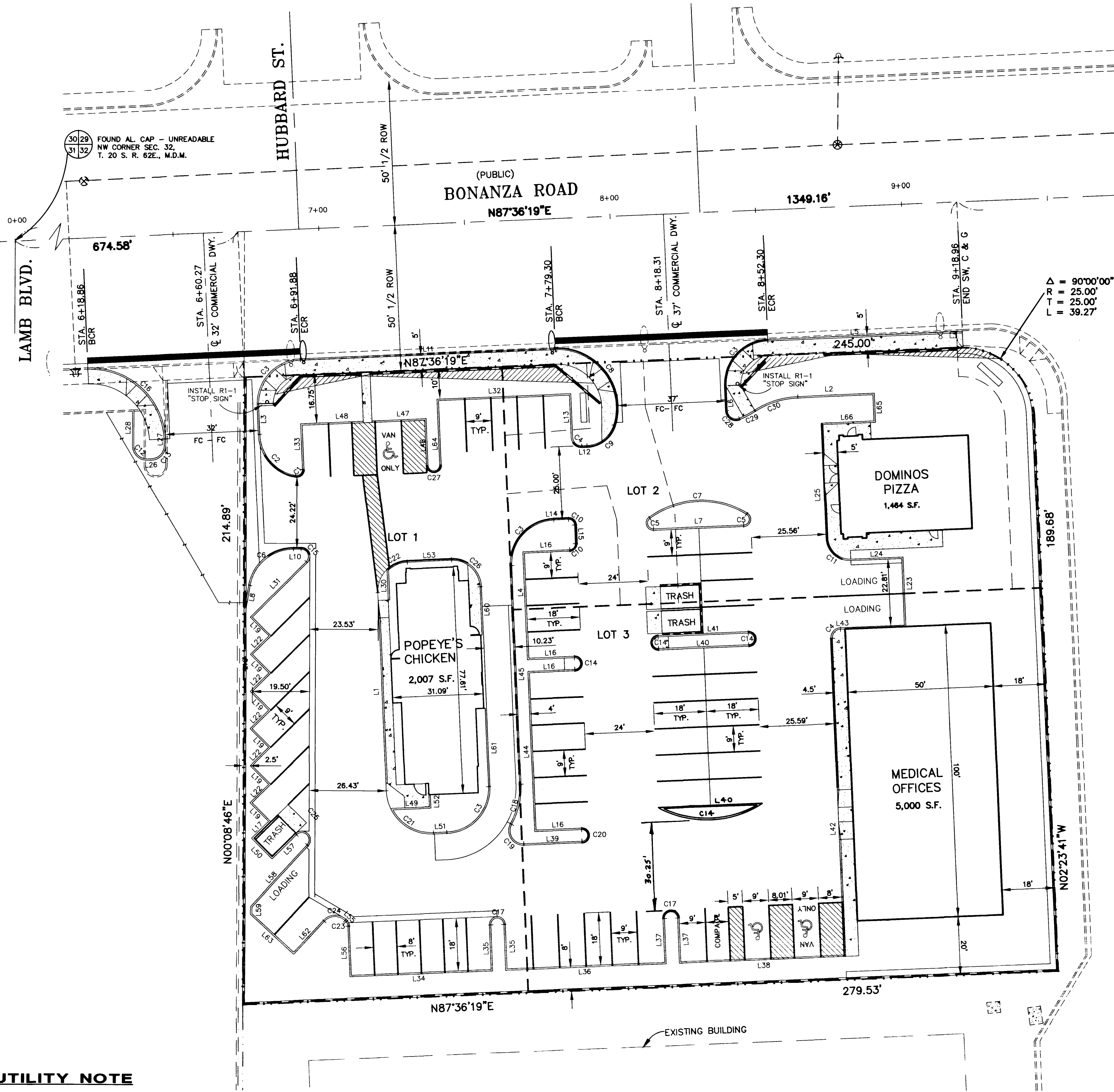
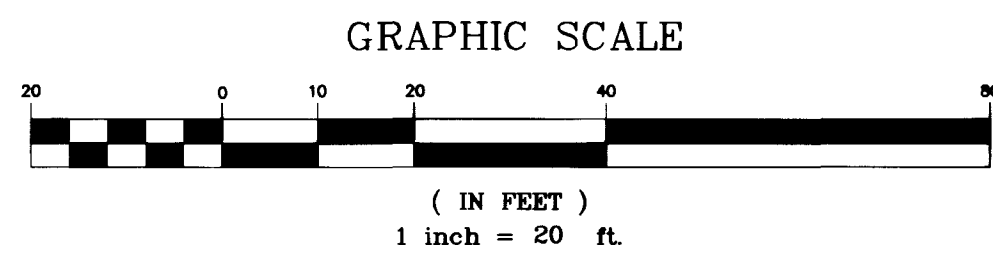




UTILITY NOTE

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.

CALL BEFORE YOU DIG: 1-800-227-2600

CONSTRUCTION NOTE:

ALL EXISTING UTILITY STRUCTURES WITHIN CONSTRUCTION AREA SHALL BE ADJUSTED TO MATCH FINISH GRADE (I.E. WV, BOX, WMH, ANNODE BOX, FH, TEL BOX, ETC.)

BACK OF CURB LINE DATA TABLE

LINE	BEARING	DISTANCE
L1	N02°25'29"W	62.71'
L2	N87°36'19"E	29.55'
L3	S02°23'41"E	9.76'
L4	S02°22'35"E	37.00'
L5	N87°36'19"E	66.66'
L6	N02°23'41"W	8.26'
L7	N87°37'25"E	30.97'
L8	S10°02'54"W	8.05'
L9	S10°02'54"W	5.20'
L10	S89°51'14"E	2.60'
L11	N87°36'19"E	87.44'
L12	S87°36'19"W	1.80'
L13	S02°23'41"E	15.00'
L14	N87°37'25"E	5.00'
L15	N02°22'35"W	6.40'
L16	N87°37'25"E	16.00'
L17	S45°08'46"W	8.21'
L18	N0°08'46"E	7.49'
L19	N44°51'14"W	9.00'
L20	S45°08'46"W	8.71'
L21	N44°51'14"W	8.71'
L22	S45°08'46"W	9.00'
L23	N02°23'41"W	23.81'
L24	N87°36'19"E	18.00'
L25	N02°23'41"W	42.11'
L26	N87°28'26"E	1.41'
L27	N02°31'34"W	2.00'
L28	N0°05'42"E	12.28'
L29	N02°23'41"W	10.26'
L30	N45°08'46"E	26.92'
L31	N87°36'19"E	46.00'
L32	N02°27'11"W	13.19'
L33	N87°36'19"E	49.00'
L34	S02°23'22"E	15.64'
L35	N87°36'19"E	55.00'
L36	S02°23'41"E	15.50'
L37	N87°36'19"E	61.50'
L38	N87°36'19"E	19.84'
L39	N87°36'19"E	31.00'
L40	N87°37'25"E	32.20'
L41	S87°37'25"W	31.00'
L42	S02°23'41"E	109.00'
L43	S87°36'19"W	1.50'
L44	S02°22'35"E	55.00'
L45	S02°22'35"E	75.71'
L46	N02°23'41"W	16.00'
L47	N87°36'19"E	18.50'
L48	S87°36'19"W	21.51'
L49	N87°36'19"E	12.96'
L50	S44°51'14"E	10.00'
L51	S87°36'19"W	4.59'
L52	S02°23'41"E	4.62'
L53	S87°36'19"W	15.16'
L54	S44°05'36"E	0.58'
L55	S02°23'41"E	17.34'
L56	N45°08'46"E	11.75'
L57	S42°36'19"W	28.66'
L58	N0°08'46"E	2.60'
L59	N02°23'41"W	16.58'
L60	N02°23'41"W	26.90'
L61	S42°36'19"W	15.33'
L62	S47°23'41"E	20.24'
L63	N02°23'41"W	22.50'
L64	N02°23'41"W	10.00'
L65	N87°36'19"E	18.00'

BACK OF CURB CURVE DATA TABLE

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	103°02'14"	2.00'	3.60'	2.52'
C2	76°49'21"	15.00'	20.11'	11.89'
C3	90°00'00"	15.00'	23.56'	15.00'
C4	90°00'00"	3.00'	4.71'	3.00'
C5	146°25'28"	2.00'	5.11'	6.63'
C6	80°05'53"	15.00'	20.97'	12.61'
C7	67°09'03"	30.00'	35.16'	19.91'
C8	109°10'08"	20.00'	38.11'	28.13'
C9	70°49'52"	10.00'	12.36'	7.11'
C10	90°00'00"	2.00'	3.14'	2.00'
C11	90°00'00"	7.50'	11.78'	7.50'
C12	92°37'15"	4.50'	7.27'	4.71'
C13	90°00'00"	4.50'	7.07'	4.50'
C14	55°48'39"	34.40'	33.51'	18.22'
C15	135°00'00"	2.50'	5.89'	6.04'
C16	90°00'00"	25.00'	39.27'	25.00'
C17	180°00'00"	2.25'	7.07'	<infinite>
C18	30°51'30"	26.63'	14.34'	7.35'
C19	120°51'30"	4.50'	9.49'	7.93'
C20	181°04'52"	2.00'	6.32'	211.98'
C21	63°58'37"	15.00'	16.75'	9.37'
C22	40°32'30"	10.00'	7.08'	3.69'
C23	38°23'50"	2.50'	1.68'	0.87'
C24	90°00'00"	5.00'	7.85'	5.00'
C25	177°27'33"	2.50'	7.74'	112.73'
C26	90°00'00"	9.43'	14.81'	9.43'
C27	180°00'00"	2.00'	6.28'	<infinite>
C28	111°20'58"	3.00'	5.83'	4.39'
C29	08°36'46"	39.50'	2.97'	5.94'
C30	29°48'24"	30.00'	7.98'	15.61'

NOTES:

- THE WLB GROUP SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES IN THE PLANS OR CONDITIONS IN THE FIELD.
- ALL WORK TO BE PERFORMED OUTSIDE THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY, SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAVE BEEN OBTAINED FROM THE OFF-SITE OWNER.
- ALL WORK PERFORMED WITHIN THE PUBLIC RIGHT-OF-WAY AND OUTSIDE THE PROJECT BOUNDARY SHALL BE PERFORMED UNDER A SEPARATE ENCROACHMENT PERMIT ISSUED BY THE CONTROLLING AUTHORITY.
- CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING UTILITIES AND NOTIFY THE WLB GROUP IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL DIMENSIONS TO UTILITIES ARE TO CENTERLINE OF PIPE UNLESS INDICATED OTHERWISE.

BENCHMARK

BEING A RIVET & PLATE IN TOP OF CURB, NORTHEAST RETURN, BONANZA ROAD AND PAGE STREET
CITY OF LAS VEGAS BENCHMARK: 2LV02/2955W6
ELEVATION: 1771.33 FEET
539.902 METERS
NAVD 88

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE NORTHERLY LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 32, TOWNSHIP 20 SOUTH, RANGE 62 EAST, WHICH BEARS NORTH 87°36'19" EAST AS SHOWN BY A MAP IN THE OFFICE OF THE CLARK COUNTY NEVADA RECORDER IN FILE 48, OF RECORDS OF SURVEY ON PG. 90.



REV	DATE	BY	REVISION

J.W.M. INVESTMENTS
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LAS VEGAS NV 89101
(702) 227-3650

The WLB Group
Engineering & Landscaping Architecture
Planning & Urban Design & Surveying
2551 N. Green Valley Pkwy, Suite A425
HENDERSON, NV 89014 (702) 458-2551

SHEET TITLE: **HORIZONTAL CONTROL PLAN**

PROJECT: **THE VILLAGE AT BONANZA**

Drawn by: **ALF** 01/25/99

Designed by: **BB**

Checked by: **TL**

Project No.: 49709/A001

Scale: 1" = 20' (H)

TED H LYON
CIVIL ENGINEER
No. 5425
SHEET **C5**
5 OF 10 SHEETS
DRAWING NO. **107-V2980**

