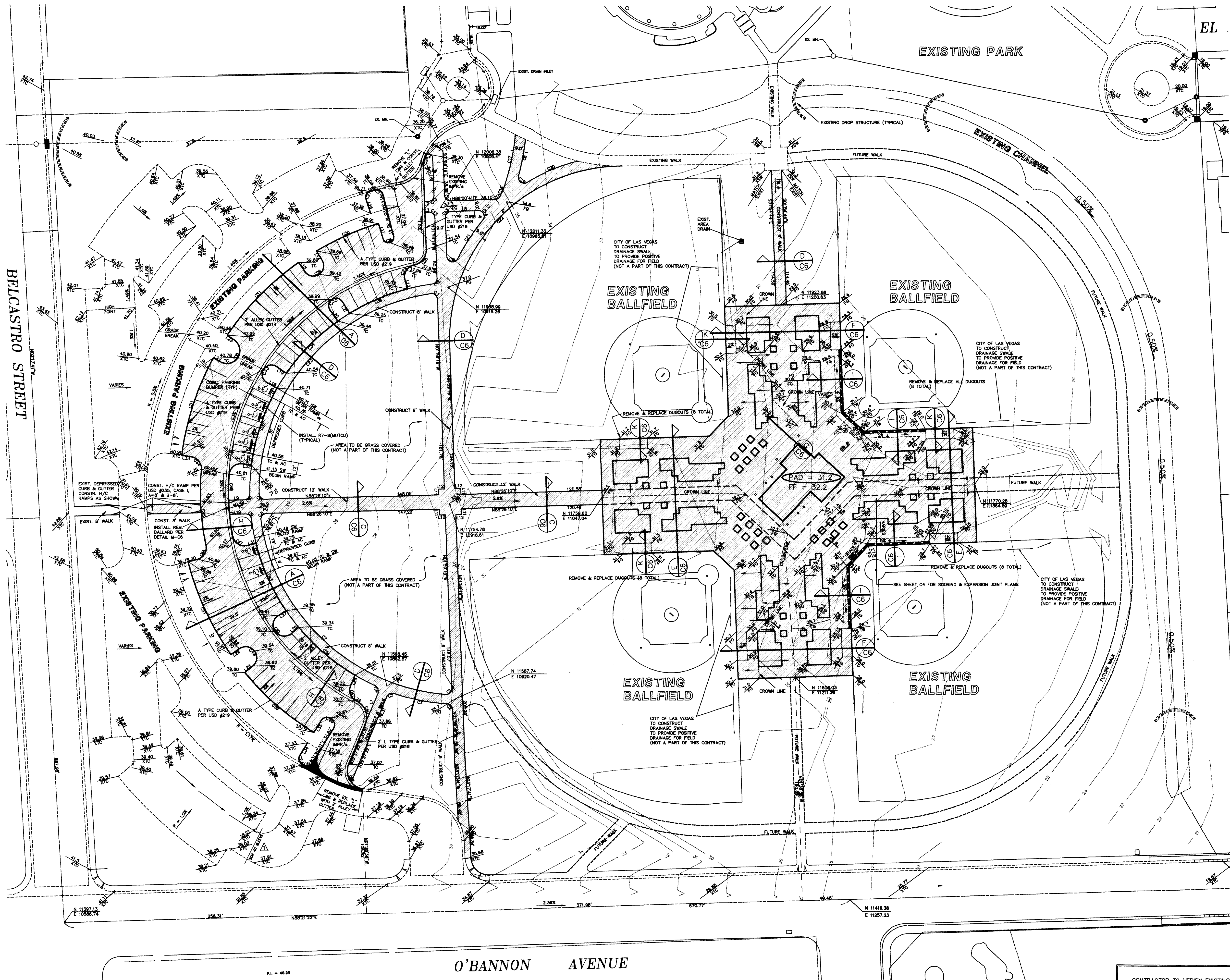


BELCASTRO STREET



LEGEND

- RETAINING WALL
- 5' CONTOUR
- 1' CONTOUR
- TO BE CONSTRUCTED
- TO BE REMOVED AND REPLACED

QUANTITY ESTIMATE

2" ASPHALTIC CONCRETE PAVING	27,750 SF
"L" TYPE CURB & GUTTER (USD #216)	190 LF
"A" TYPE CURB (USD #219)	1,445 LF
TYPE II UNDERBASE	1,100 CY
6" CONCRETE WALK	8,150 SF
4" CONCRETE SIDEWALK	48,600 SF
2' ALLEY GUTTER (USD #214)	1,063 SF
12" x 18" HADICAP PARKING SIGN R7-8	8 EA
PARKING BUMPER	8 EA
REMOVABLE BOLLARD	1 EA
(WITH KEY-TYPE PADLOCK)	

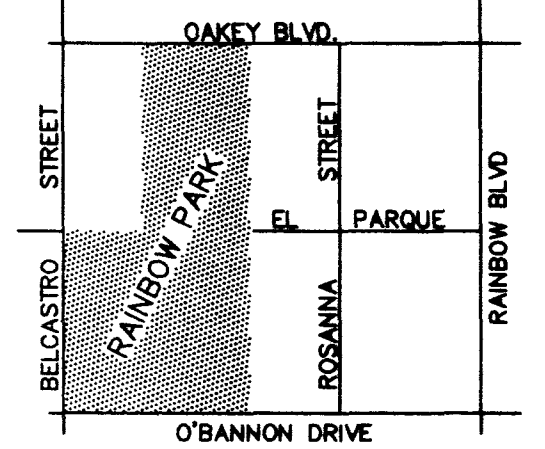
LINE TABLE

LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L1	S27°27'41"W	3.30	L24	N50°13'31"E	11.86
L2	N56°02'41"W	3.30	L25	N50°13'31"E	11.86
L3	S88°00'41"W	3.30	L26	N50°13'31"E	11.86
L4	N56°02'41"W	3.30	L27	N50°13'31"E	11.86
L5	S34°02'41"W	10.58	L28	N50°13'31"E	11.86
L6	N01°59'19"W	33.80	L29	N50°13'31"E	11.86
L7	S88°00'41"W	23.18	L30	N50°13'31"E	11.86
L8	S88°00'41"W	23.18	L31	N50°13'31"E	11.86
L9	S88°00'41"W	13.04	L32	N50°13'31"E	11.86
L10	S88°00'41"W	13.43	L33	N50°13'31"E	11.86
L11	N01°59'19"W	5.00	L34	N50°13'31"E	11.86
L12	N88°28'10"E	5.00	L35	N50°13'31"E	11.86
L13	S14°34'25"E	8.23	L36	N50°13'31"E	11.86
L14	N50°13'31"E	9.50	L37	N50°13'31"E	11.86
L15	S50°08'18"E	9.50	L38	N50°13'31"E	11.86
L16	S17°50'19"E	12.95	L39	N50°13'31"E	11.86
L17	S16°53'47"E	13.45	L40	N50°13'31"E	11.86
L18	S60°25'46"E	9.90	L41	N50°13'31"E	11.86

CURVE TABLE

LINE	RADIUS	DELTA	LENGTH	TANGENT
C1	5.00	89°30'00"	8.42	5.80
C2	180.00	14°22'54"	46.23	23.24
C3	5.00	89°30'00"	7.72	4.87
C4	5.00	89°30'00"	7.72	4.87
C5	5.00	89°30'00"	7.72	4.87
C6	191.61	09°30'30"	32.08	16.08
C7	173.72	09°30'30"	23.34	13.65
C8	5.00	89°30'00"	8.42	5.80
C9	5.00	89°30'00"	7.72	4.87
C10	5.00	89°30'00"	7.72	4.87
C11	5.00	89°30'00"	7.72	4.87
C12	5.00	89°30'00"	7.72	4.87
C13	5.00	89°30'00"	7.72	4.87
C14	5.00	132°28'10"	11.56	13.36
C15	5.00	89°30'00"	8.42	5.80
C16	5.00	89°30'00"	8.42	5.80
C17	5.00	89°30'00"	8.42	5.80
C18	5.00	89°30'00"	8.42	5.80
C19	5.00	89°30'00"	8.42	5.80
C20	5.00	89°30'00"	8.42	5.80
C21	5.00	89°30'00"	8.42	5.80
C22	5.00	89°30'00"	8.42	5.80
C23	5.00	89°30'00"	8.42	5.80
C24	5.00	89°30'00"	8.42	5.80
C25	5.00	89°30'00"	8.42	5.80
C26	5.00	89°30'00"	8.42	5.80
C27	5.00	89°30'00"	8.42	5.80
C28	5.00	89°30'00"	8.42	5.80
C29	5.00	89°30'00"	8.42	5.80
C30	5.00	89°30'00"	8.42	5.80
C31	5.00	89°30'00"	8.42	5.80
C32	5.00	89°30'00"	8.42	5.80
C33	5.00	89°30'00"	8.42	5.80
C34	5.00	89°30'00"	8.42	5.80
C35	5.00	89°30'00"	8.42	5.80
C36	5.00	89°30'00"	8.42	5.80
C37	5.00	89°30'00"	8.42	5.80
C38	5.00	89°30'00"	8.42	5.80
C39	5.00	89°30'00"	8.42	5.80
C40	5.00	89°30'00"	8.42	5.80
C41	5.00	89°30'00"	8.42	5.80
C42	5.00	89°30'00"	8.42	5.80
C43	5.00	89°30'00"	8.42	5.80
C44	5.00	89°30'00"	8.42	5.80
C45	5.00	89°30'00"	8.42	5.80
C46	5.00	89°30'00"	8.42	5.80
C47	5.00	89°30'00"	8.42	5.80
C48	5.00	89°30'00"	8.42	5.80
C49	5.00	89°30'00"	8.42	5.80
C50	5.00	89°30'00"	8.42	5.80
C51	5.00	89°30'00"	8.42	5.80
C52	5.00	89°30'00"	8.42	5.80

N
SCALE: 1"=60'



VICINITY MAP

NOTICE!

EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

AVOID CUTTING UNDERGROUND UTILITIES. IT'S COSTLY.
Call D.J.
BEFORE YOU
1-800-227-2600
UNDERGROUND SERVICE (USA)

CONTRACTOR TO VERIFY EXISTING TOPO PRIOR TO BEGINNING CONSTRUCTION & NOTIFY ENGINEER OF ANY DISCREPANCIES.

REVISION

DATE

BY

APPROVED

SUBMITTED BY

EDWARD J. LOVAT

REGISTERED PROFESSIONAL ENGINEER - STATE OF NEW YORK

NO. 9905

EXPIRATION DATE 12.31.17

ALPHA & ENGINEERING COMPANY

50 St. James Blvd., Los Angeles, CA 90007

Telephone: (213) 877-1000

TITLE

GRADING PLAN

PROJECT

RAINBOW PARK

JOB #

601211

NAME

RF

DATE

8-97

SCALE

1" = 40'

PAGE

C3

DWG NO.

650.30-7

3 of 35

