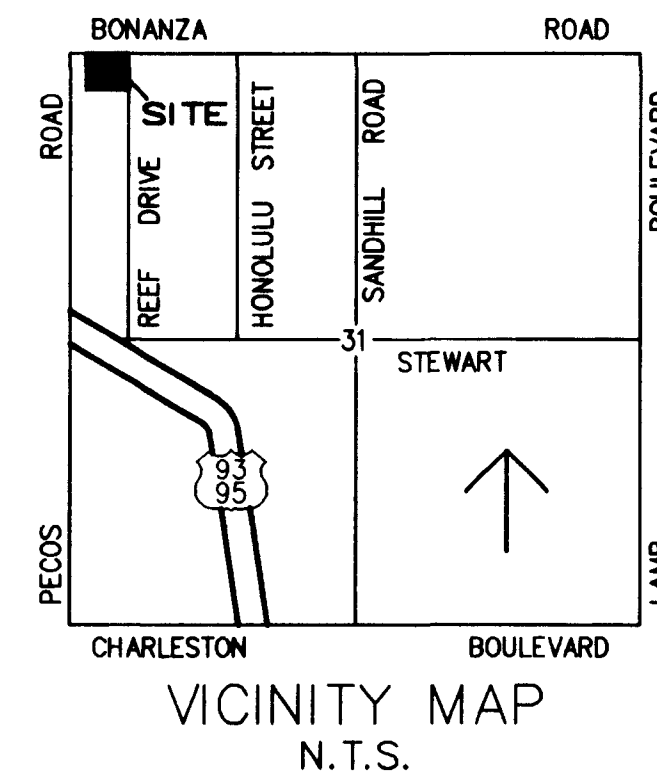
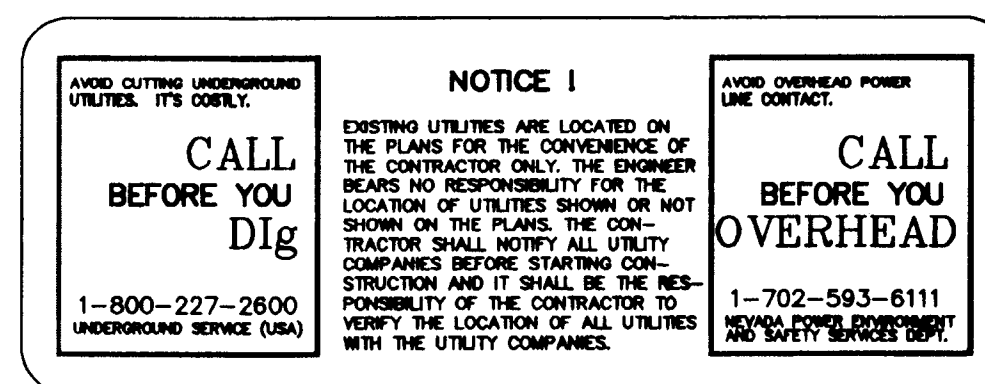


IMPROVEMENT PLANS
FOR
TACO BELL
140-31-101-004
CITY OF LAS VEGAS
STATE OF NEVADA
LAS CAL CORPORATION
1210 S. VALLEY VIEW BOULEVARD, SUITE 202
LAS VEGAS, NEVADA 89102
(702) 880-5818



LEGEND

NEW	EXISTING	DESCRIPTION
---	---	CENTERLINE
---	---	PROPERTY/RIGHT-OF-WAY LINE
---	---	"L" CURB & GUTTER
---	---	"A" CURB & GUTTER
---	---	WATER LINE
---	---	SEWER LINE
---	---	STORM DRAIN LINE
---	---	STREETLIGHT CONDUIT
---	---	GAS LINE
---	---	POWER LINE
---	---	TELEPHONE LINE
---	---	FLOW LINE
---	---	FENCE
---	---	BLOCK/RETAINING WALL
---	---	GRADES
---	---	CONTOURS (HEAVY)
---	---	CONTOURS (LIGHT)
---	---	FIRE HYDRANT
---	---	100W STREETLIGHT
---	---	250W STREETLIGHT
---	---	400W STREETLIGHT
---	---	AREA LIGHT
---	---	MANHOLE
---	---	POLE (PER ABBREVIATION)
---	---	WATER VALVE, GATE VALVE (PER ABBREVIATION)
---	---	ELECTRIC VAULTS, WATER METER, ETC. (PER ABBREVIATION)
---	---	CONCRETE
---	---	SEE ABBREVIATION FOR MATERIAL, OR AS SPECIFIED ON PLANS



THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS TO THE ENGINEER PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE SCALED. ALL DRAWINGS, SPECIFICATIONS, AND COPIES, THEREOF FURNISHED BY THE ENGINEER ARE AND SHALL REMAIN HIS SOLE PROPERTY, UNTIL SIGNED BY THE PREVAILING ENTITIES. THESE PLANS ARE TO BE CONSIDERED PRELIMINARY AND USED AT THE OWNER/DEVELOPER/CONTRACTORS RISK. THESE DOCUMENTS ARE TO BE RETURNED OR SUITABLY ACCOUNTED FOR TO THE ENGINEER ON REQUEST. ANY USE OF THIS DRAWING IN WHOLE OR IN PART, BY ANY MEANS WHATSOEVER, IS STRICTLY PROHIBITED EXCEPT WITH WRITTEN CONSENT OF THE ENGINEER.

ABBREVIATIONS

AC	-ASPHALT	LF	-LINEAR FEET
ACP	-ASBESTOS CEMENT PIPE	LT	-LEFT
AVE	-AVENUE	LWMD	-LAS VEGAS VALLEY WATER DISTRICT
BC	-BACK OF CURB	MAX	-MAXIMUM
BVC	-BEGINNING OF VERTICAL CURVE	MH	-MANHOLE
BM	-BENCHMARK	MIN	-MINIMUM
BW	-BACK OF WALK	NTS	-NOT TO SCALE
CC	-CONCRETE	OC	-ON CENTER
CL	-CENTERLINE	P	-POWER
CLV	-CITY OF LAS VEGAS	PC	-POINT OF CURVE
COH	-CITY OF HENDERSON	PI	-POINT OF INTERSECTION
ONLY	-CITY OF NORTH LAS VEGAS	PP	-POWER POLE
CC	-CLARK COUNTY	PVI	-POINT OF VERTICAL INTERSECTION
CCSD	-CLARK COUNTY SANITATION DISTRICT	PT	-POINT OF TANGENCY
CO	-CLEANOUT, (SEWER)	PB	-PULL BOX
CONC	-CONCRETE	PL	-PROPERTY LINE
CMP	-CORRUGATED METAL PIPE	RCP	-REINFORCED CONCRETE PIPE
CIP	-CAST IRON PIPE	R	-RADIUS
DIA	-DIAMETER	RP	-RADIUS POINT
DI	-DROP INLET	RT	-RIGHT
EA	-EACH	R/W	-RIGHT OF WAY
EP	-EDGE OF PAVEMENT	SD	-STORM DRAIN
EM	-ELECTRIC METER	SL	-STREETLIGHT
ELEV	-ELEVATION	SS	-SANITARY SEWER
ENC	-END OF VERTICAL CURVE	STA	-STATION
EXIST	-EXISTING	SMH	-SEWER MANHOLE
FF	-FINISHED FLOOR	SW	-SIDEWALK
FL	-FLOW LINE	TB	-TOP OF BERM
FT	-FEET OR FOOT	TC	-TOP OF CURB
FG	-FINISHED GRADE	TP	-TYPICAL
FH	-FIRE HYDRANT	T	-TELEPHONE
GB	-GRADE BREAK	TOW	-TOP OF WALL
GM	-GAS METER	TW	-TOP OF WALK
GV	-GATE VALVE	WM	-WATER METER
INV	-INVERT	WV	-WATER VALVE
		Δ	-DELTA

QUANTITY ESTIMATES

ITEM #	DESCRIPTION	UNIT	QUANTITY	PUBLIC	PRIVATE
1	6" SEWER LINE	L.F.	9	X	
2	6" LATERAL SEWER CONNECTION	E.A.	1	X	
3	WATER SERVICE	E.A.	1	X	
4	CURB & GUTTER	L.F.	1,283		X
5	SIDEWALK UNDERDRAIN	E.A.	1	X	
6	TYPE II GRAVEL BASE	C.Y.	377		X
7	2" A.C. PAVING	S.Y.	2,262		X
8	OPEN GRADE	S.Y.	1,128		X
9	POWER SERVICE	E.A.	1	X	
10	TELEPHONE SERVICE	E.A.	1	X	
11	EXCAVATION & EMBANKMENT	C.Y.	674		X
12	MISCELLANEOUS TRENCHING	L.F.	120		X
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L.V.V.W.D.					
1	1-1/2" SERVICE SADDLE & CORP STOP	E.A.	1	X	
2	1-1/2" WATER LINE	L.F.	47	X	
3	1-1/2" WATER METER (FROM LVVWD)	E.A.	1	X	
4	1-1/2" R.P.P.A.	E.A.	1		X
5	FIRE HYDRANT	E.A.	1	X	
6	6" GATE VALVE	E.A.	1	X	

SHEET INDEX

SHEET #	SHEET	DESCRIPTION
1	C1	COVER SHEET/VICINITY MAP/QUANTITIES
2	C2	GENERAL NOTES SHEET
3	C3	GRADING/UTILITY PLAN

APPROVALS

Charles Kajkowski, Jr. 4-13-99
CHARLES KAJKOWSKI, JR.; PE #4784 DATE
CITY PLANNING ENGINEER

APPROVAL OF THESE PLANS IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHT-OF-WAY AND/OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE THE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS, EXCEPT THOSE SPECIFICALLY LISTED UNDER DEVIATIONS FROM STANDARD. THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN DEVIATIONS FROM STANDARDS IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS CLARK COUNTY AREA NEVADA.

John Smith 3-11-99
CITY FIRE MARSHALL DATE

LAS VEGAS VALLEY WATER DISTRICT DATE
Charles McDaniel 3-11-99
SOUTHWEST GAS DATE
Quanita Rodriguez 3-11-99
NEVADA POWER COMPANY DATE

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TACO BELL
LAS CAL CORPORATION
1210 S. VALLEY VIEW BLVD., SUITE 202
LAS VEGAS, NEVADA 89102
702/880-5818

SOUTHGATE ASSOCIATES, LIMITED
4385 N. 75th Street, Suite 100, Scottsdale, Arizona 85251
Telephone (602) 970-8862 Fax (602) 970-3984
Civil Engineering Consultants

COVER SHEET/
VICINITY MAP/
QUANTITIES

TACO BELL
SWC BONANZA ROAD / REEF DRIVE
LAS VEGAS, NEVADA

DRAWN BY:	FRV
DESIGNED BY:	JFS
CHECKED BY:	JFS
DATE:	MAY 98
JOB #:	97-053CV
APN:	140-31-101-004
SECT 31 T 20SR 62E	
SCALE:	HORIZ 1" = 10' VERT 1" = 1'

3.10.99

Southgate

SHEET
C1
1 OF 3

DRAWING NO.
107-V2972

FOR

140-31-101-004

CITY OF LAS VEGAS

STATE OF NEVADA

1210 S. VALLEY VIEW BOULEVARD, SUITE 202

LAS VEGAS, NEVADA 89102

(702) 880-5818

VICINITY MAP
A-22

LIVING



QUANTITY ESTIMATES

[illegible]

8-2111 14350

SHEET #	SHEET	DESCRIPTION
1	01	COVER SHEET/IDENTITY MAP/QUANTITIES
2	02	GENERAL NOTES SHEET
3	03	DRAINAGE/UTILITY PLAN

APPENDIX

4/13/99
DANIEL SANCHEZ, SJ. FC. 67th
CITY OF SAN JOSE, CALIF.

APPROVAL OF THESE PLANS IS LIMITED TO THOSE
APPROPRIATELY TRAINED PERSONNEL IN THE LABORATORY
WHO HAVE BEEN SPECIFICALLY TRAINED IN THE
USE OF THIS EQUIPMENT. THE PERSONNEL MUST BE
FAMILIAR WITH THE EQUIPMENT AND THE
PROCEDURES FOR THE USE OF THE EQUIPMENT.
THE PERSONNEL MUST BE TRAINED IN THE
USE OF THE EQUIPMENT AND THE
PROCEDURES FOR THE USE OF THE EQUIPMENT.
THE PERSONNEL MUST BE TRAINED IN THE
USE OF THE EQUIPMENT AND THE
PROCEDURES FOR THE USE OF THE EQUIPMENT.

C/O [Signature] NORTH-AM (CA)

LAS VEGAS VALLEY WATER DISTRICT	DATE
<i>Chad A. Smith</i>	8-14-99
SOUTHWEST GAS	DATE
<i>Quentin J. Rodriguez</i>	3-11-98
NEVADA POWER COMPANY	DATE

APPENDIX A: TOWNS

