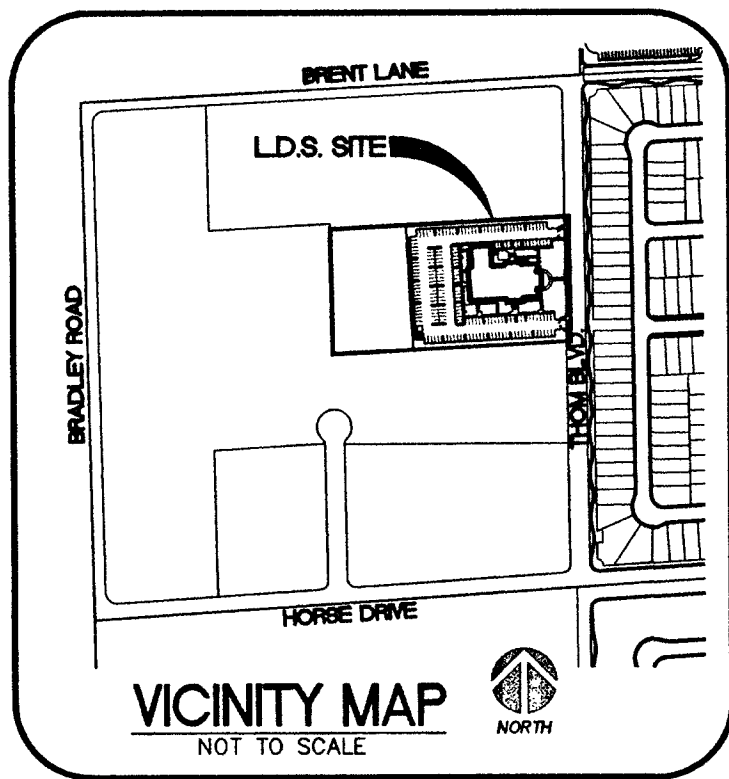




MANHOLE SCHEDULE

M.H.#	I.D.	TYPE	STATION	OFFSET	RIM	INV.(IN)	INV. (OUT)	COMMENTS
1	48"	STANDARD	43+73.67	13.5' LT	49.8±	44.54	(44.34)	
2	48"	STANDARD	46+53.10	13.5' LT	50.9±	45.86	45.66	

ESTIMATED QUANTITIES

PRIVATE

GENERAL

2" ASPHALT PAVING	3003 SY
3" ASPHALT PAVING	4926 SY
TYPE II AGGREGATE BASE	3246 CY
ON-SITE 'L' CURB AND GUTTER	222 LF
5" CONCRETE SIDEWALK	13046 SF
3" VALLEY GUTTER	380 LF
ON-SITE 'A' CURB	3058 LF

SANITARY SEWER

4" PVC SEWER LATERAL	188 LF
6" PVC SEWER LATERAL	240 LF
6" SEWER CLEAN-OUT	3 EA

WATER

8" PVC WATERLINE	476 LF
6" PVC WATERLINE	9 LF
4" PVC WATERLINE	66 LF
2" PVC WATERLINE	181 LF
8" GATE VALVE	1 EA
8" 90° ELBOW	2 EA
8" 45° BEND	2 EA
2" 90° ELBOW	1 EA
2" 45° BEND	2 EA
8"x4" TEE	1 EA
8"x6" REDUCER	1 EA
FIRE HYDRANT	1 EA

PUBLIC

GENERAL

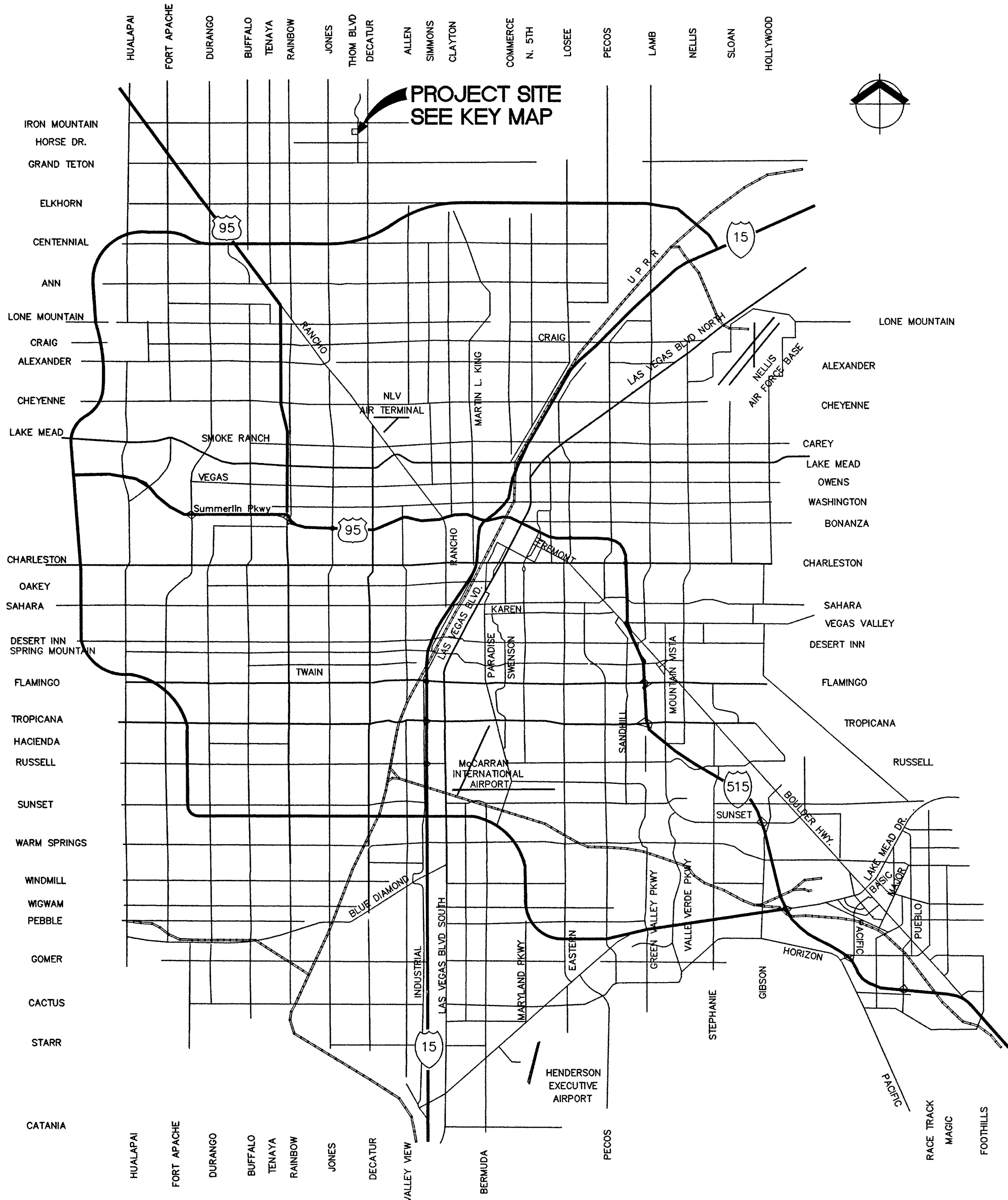
3" ASPHALT PAVING	727 SY
TYPE II AGGREGATE BASE	159 CY
1" TYPE CURB AND GUTTER	323 LF
8" CROSS GUTTER	1010 SF
5" CONCRETE SIDEWALK	396 SF
UNDER SIDEWALK DRAIN	2 EA

SANITARY SEWER

48" STANDARD MANHOLE	2 EA
8" PVC SEWER	297 LF
8" C900 SEWER W/ CONCRETE SLURRY	20 LF

WATER

12" X 8" MECH. JOINT	1 EA
8" X 1-1/2" SERVICE SADDLE	1 EA
8" PVC WATERLINE	45 LF
6" PVC WATERLINE	6 LF
1-1/2" BRASS WATERLINE	24 LF
6" GATE VALVE	1 EA
8"x6" TEE	1 EA
1-1/2" BRASS 90° ELBOW	3 EA
2"x1-1/2" REDUCER	1 EA
FIRE HYDRANT	1 EA
8" D.C.D.A.	2 EA
2" R.P.P.A.	1 EA
1-1/2" R.P.P.A.	1 EA
1-1/2" BRASS TEE	1 EA



VICINITY MAP

N.T.S.

SHEET INDEX

SHEET	SHEET #	DESCRIPTION
C1.1	1	COVER SHEET
C1.2	2	VICINITY MAP, MANHOLE SCHEDULE, SHEET INDEX AND QUANTITIES
C1.3	3	GENERAL NOTES
C1.4	4	HORIZONTAL CONTROL PLAN
C1.5	5	HORIZONTAL CONTROL PLAN
C1.6	6	UTILITY AND FIRE CONTROL PLAN
C1.7	7	UTILITY AND FIRE CONTROL PLAN
C1.1	8	MASTER GRADING PLAN
C1.9	9	MASTER GRADING PLAN
C1.10	10	PLAN AND PROFILE - THOM BLVD.
C1.11	11	SECTIONS AND DETAILS
C1.12	12	ON-SITE DETAILS

BASIS OF BEARING:

SOUTH 00°36'51" EAST, BEING THE CENTERLINE OF A PORTION OF THOM BOULEVARD AS SHOWN BY MAP IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER IN FILE 103, PAGE 73 OF PARCEL MAPS.

BENCHMARK:

CITY OF LAS VEGAS STATION BLV90 12C4
RIVET & PLATE IN CONCRETE CYLINDER SE CORNER OF HORSE & BRADLEY.

ELEVATION:
FEET = 2357.81' (NAVD88)
METERS = 718.6631 M (NAVD88)

ABBREVIATIONS

ABAN	ABANDON	ELEV	ELEVATION	RP	RADIUS POINT
AIP	ABANDON IN PLACE	EMBK	EMBANKMENT	R	RADIUS
AGG	AGGREGATE	ECR	END OF CURB RETURN	RR	RAILROAD
ALT	ALTERNATE	EC	END OF CURVE	REINF	REINFORCEMENT
ACP	ASBESTOS CEMENT PIPE	EVC	END VERTICAL CURVE	RC	REINFORCED CONCRETE
AC	ASPHALTIC CONCRETE	EXIST	EXISTING	RCB	REINFORCED CONCRETE BOX
AVE	AVENUE	FT	FEET/FOOT	RCP	REINFORCED CONCRETE PIPE
BC	BACK OF CURB	FG	FINISH GRADE	RELOC	RELOCATE
BVC	BACK OF CURB RADIUS	FA	FIRE ALARM	RT	RIGHT
BW	BEGINNING VERTICAL CURVE	FB	FIRE HYDRANT	R/W	RIGHT OF WAY
BM	BENCHMARK	FL	FLOW LINE	RD	ROAD
CATV	CABLE TELEVISION	GA	GALVANIZED	SS	SANITARY SEWER
C-C	CENTER TO CENTER	GM	GAS METER	SHT	SHEET
C	CENTERLINE	GR	GAS PRESSURE REGULATOR	S/O	SOUTH OF
CBC	CITY OF BOULDER CITY	GB	GRADE BREAK	SW	SIDEWALK
CLV	CITY OF LAS VEGAS	GUT	GUTTER	SF	SQUARE FEET
COH	CITY OF HENDERSON	HDWL	HEADWALL	STA	STATION
CM	CITY OF MESQUITE	IN	INCH	SHIP	STEEL HIGH-PRESSURE PIPE
CNV	CITY OF NORTH LAS VEGAS	INT	INTERSECTION	SD	STORM DRAIN
CC	CLARK COUNTY	INV	INVERT	STD	STANDARD
CCSD	CLARK COUNTY SANITATION DIST.	ISL	ISLAND	STD	STANDARD
CO	CLEANOUT	JB	JUNCTION BOX	STRUCT	STRUCTURE
CONC.	CONCRETE	LOC	LENGTH OF CURB	SURV	SURVEY
CONST	CONSTRUCT	LT	LEFT	SL	STREETLIGHT
COR	CORNER	LF	LINEAR FEET	T	TELEPHONE
OMP	CORRUGATED METAL PIPE	LVWD	LAS VEGAS VALLEY WATER DIST.	TEMP	TEMPORARY
CSAP	CORRUGATED STEEL ARCH PIPE	MH	MANHOLE	TBA	TO BE ADJUSTED
CSP	CORRUGATED STEEL PIPE	MAX	MAXIMUM	TBR	TO BE REMOVED
C&G	CURB AND GUTTER	MIN	MINIMUM	TC	TOP OF CURB
CIP	CAST IRON PIPE	MON	MONOLITHIC	TP	TOP OF PIPE
COL	COLUMN	N/O	NORTH OF	TS	TRAFFIC SIGNAL
CY	CUBIC YARD	NTS	NOT TO SCALE	TSI	TRAFFIC SIGNAL INTERCONNECT
CF	CUBIC FEET	OC	ON CENTER	TRANS	TRANSITION
CULV	CULVERT	PVM	PAVEMENT	TYP	TYPICAL
CF	CURB FACE	PI	POINT OF INTERSECTION	UG	UNDERGROUND
DEPT	DEPARTMENT	PRC	POINT OF REVERSE CURVE	VAR	VARIABLE
DIA	DIAMETER	PC	POINT OF CURVE	VERT	VERTICAL
DRWY	DRIVEWAY	PT	POINT OF TANGENCY	VC	VERTICAL CURVE
DI	DROP INLET	PCC	POINT OF COMPOUND CURVE	VG	VALLEY GUTTER
ESMT	EASEMENT	PCC, CONC	PORTLAND CEMENT CONCRETE	VCP	VIRIFIED CLAY PIPE
E/O	EAST OF	PP	POWER POLE	W	WATER
EP	EDGE OF PAVEMENT	P	POWER	WM	WATER METER
EO	EDGE OF OIL	PL	PROPERTY LINE	W/O	WEST OF
F	FOOT	PROP	PROPOSED	YO	YARD
EM	ELECTRIC METER	PB	PULL BOX		

APPROVED FOR CONSTRUCTION

[Signature] 2/11/04
LAS VEGAS VALLEY WATER DISTRICT DATE:

VICINITY MAP, SHEET INDEX AND QUANTITIES
GILCREASE RANCH MEETINGHOUSE

CITY OF LAS VEGAS, CLARK COUNTY, NEVADA

DATE: 08/22/03

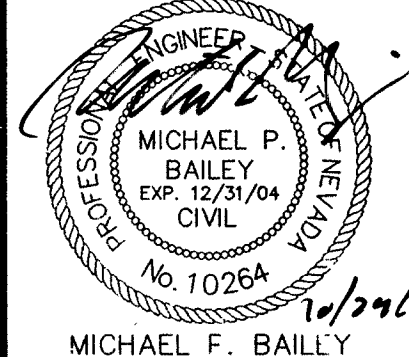
DESIGNED: J. J. COWART

CHECKED: G. BARGULL

ENGINEER: M. BAILEY

SCALE: NONE HORIZ VERT

WRG PROJECT NO. 3033195.00



MICHAEL F. BAILEY

VICINITY MAP

SHEET NUMBER

C1.2

SHEET 2 OF 12

CLV DRAWING NO.

10743867