

**CITY OF LAS VEGAS
TRAFFIC SIGNAL NOTES**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ALL EXISTING UTILITIES. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES TO VERIFY IN THE FIELD THE LOCATIONS OF THEIR INSTALLATIONS 72 HOURS PRIOR TO CONSTRUCTION.
CALL-BEFORE-YOU-OVERHEAD 1-702-593-6111
CALL-BEFORE-YOU-DIG 1-800-227-2600
- ALL TRAFFIC SIGNAL INSTALLATIONS SHALL CONFORM TO THE UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, VOLUMES I AND II, ADOPTED BY THE REGIONAL TRANSPORTATION COMMISSION APRIL 8, 1992 WITH ALL SUBSEQUENT REVISIONS. (REVISIONS THRU JUNE 1997)
- SERVICE SHALL HAVE 1-60 AMP SINGLE POLE BREAKER FOR SIGNAL, AND ONE 40 AMP SINGLE POLE BREAKERS FOR STREET LIGHTS. SERVICE SHALL BE 200 AMP PADMOUNT
- LINE SIDE OF METER TO BE WIRED WITH THREE #3/0 AWG THW. LOAD SIDE SHALL BE WIRED WITH THREE #4 AWG THW (2 BLACK, 1 WHITE) AND ONE #8 AWG THW (GREEN).
- LUMINAIRES ON ALL SIGNAL POLES SHALL BE 400 WATT HIGH PRESSURE SODIUM CUTOFF (G.E. M400A) WITH MC-111 DISTRIBUTION. EACH LUMINAIRE SHALL HAVE AN INDIVIDUAL 1000 WATT P.E. CONTROL AND BUILT IN BALLAST (120V.A.C.). FOR LUMINAIRES THERE SHALL BE A #4 AWG THW CONDUCTOR FROM THE SERVICE TO THE CABINET. IN THE CABINET, THE #4 AWG THW CONDUCTOR SHALL BRANCH OFF INTO 4 EACH #10 AWG THW CONDUCTORS INDIVIDUALLY FUSED WITH 10 AMP FUSES. THERE SHALL BE NO SPLICES BETWEEN THE CABINET AND LUMINAIRES FIXTURES.
- THE INTERNALLY ILLUMINATED STREET NAME SIGNS SHALL BE WIRED TO THE LUMINAIRES PHOTO CELL FOR CONTROL WITH #10 AWG THW COPPER STRANDED WIRE (TYPICAL).
- CHECK CONDUIT AND CABLE SCHEDULE FOR CONDUIT, CABLE, AND WIRE SIZE. VERIFY ALL EXISTING CONDUIT RUNS.
- ALL PULLBOXES SHALL BE IN ACCORDANCE WITH UNIFORM STANDARD DRAWINGS NO. 404.110, NO. 404.120, AND NO. 404.130.
- TRAFFIC SIGNAL CABLE SHALL BE 15 OR 25 CONDUCTOR #14 AWG SOLID (TYPICAL) CABLE AND SHALL CONFORM TO IMSA SPEC. NO. 20-1. ALL SIGNAL DETECTION WILL BE BY VIDEO.
- ALL PEDESTRIAN PUSH BUTTON SIGNS SHALL BE 9" X 12" WITH FULL MOUNTING BRACKETS. ALL PUSH BUTTONS TO BE MOUNTED 42" MAX AND 36" MIN ABOVE SIDEWALK. THE MAXIMUM HORIZONTAL REACH DISTANCE IS TO BE 24". PUSH BUTTONS ARE TO BE IN COMPLIANCE WITH ADA PER SUPPLEMENTAL SPECIFICATIONS 623.T02.12. SIDEWALK RAMP WILL BE ACCORDING TO U.S.D. No. 235 (1-4) DATED 6-13-96.
- THE ROUTING AND TERMINATION OF CONDUITS AND THE PLACING OF POLES AND CABINETS SHALL BE AS INDICATED ON THE PLANS. ALL CHANGES SHALL BE APPROVED BY THE ENGINEER.
- INSTALL 80 CONTROLLER IN TYPE VIII, 'R' CABINET BUILT TO UNIFORM STANDARD SPECIFICATIONS. INSTALL CABINET NEAR R.O.W. LINE AS SHOWN ON THE PLANS.
- IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY CONSTRUCTION, TEMPORARY REMOVAL, OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED AT THE CONTRACTORS EXPENSE TO THE SATISFACTION OF THE CITY.
- INTERCONNECT CABLE SHALL BE 25 PAIR OF #22 AWG SHIELD REA SPEC. PE 39.
- THE CONTRACTOR SHALL INSTALL CROSSWALKS, STOP BARS AND SIGNS AS IDENTIFIED ON THE PLANS.

LEGEND

EXISTING	PROPOSED	
		POWER POLE
		GUY ANCHOR
		STREET LIGHT
		LIGHT POST
		STREET LIGHT PULL BOX
		TRAFFIC SIGNAL PULL BOX
		FIRE HYDRANT
		WATER VALVE
		SANITARY SEWER MANHOLE
		TELEPHONE MANHOLE
		ELECTRIC MANHOLE
		MONUMENT
		SIGN
		MONUMENT
		SIDEWALK RAMP
		SIDEWALK DRAIN
		TRANSFORMER
		PADMOUNT SERVICE POINT
		CONTROLLER CABINET
		BLOCK WALL
		DROP INLET MANHOLE AND STRUCTURE
		SHRUB
		TREE
		DETAIL REFERENCE NUMBER
		SHEET NUMBER

BASIS OF BEARINGS

N 83°40'36" W - THE SOUTH LINE OF THE SE 1/4 OF THE SW 1/4 OF SECTION 35, T19S, R60E, M.D.M., AS SHOWN ON PARCEL MAP FILE 81, PAGE 95 OF CLARK COUNTY, NEVADA, RECORDS.

BENCHMARK

CLV BM # 1LV002NNE6 - RIVET & PLATE IN TOP OF CURB, SOUTHWEST RETURN OF LONE MOUNTAIN & BANNISTER LANE.

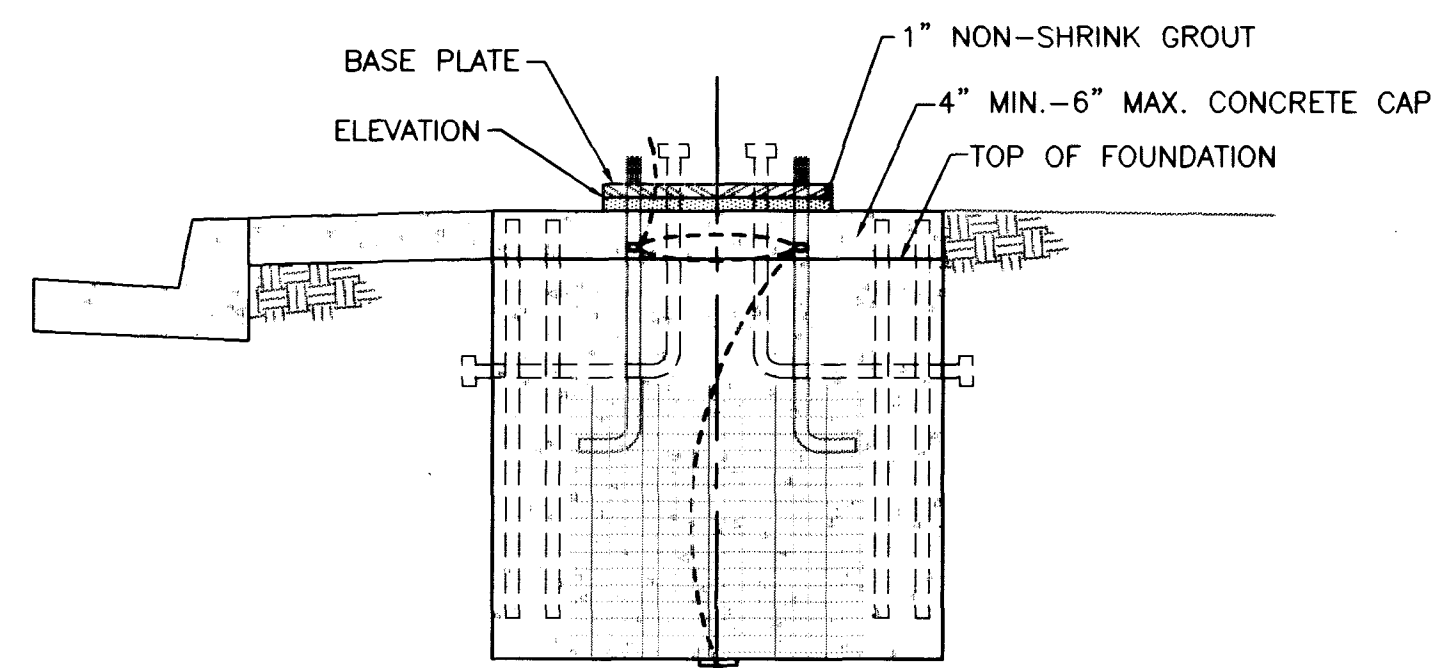
ELEVATION = 2282.09

SHEET INDEX

- COVER SHEET
- NOTES
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- LONE MTN/TORREY PINES - PROPOSED SITE PLAN
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- LONE MTN/TORREY PINES - STRIPING AND SIGNAGE PLAN

ABBREVIATIONS

AC	ASPHALTIC CONCRETE	LF	LENGTH
AGG.	AGGREGATE	LF	LINEAL FOOT, LINEAL FEET
APPROX.	APPROXIMATE	LT	LEFT
B/C, BC	BACK OF CURB	MH	MANHOLE
BCR	BACK OF CURB RADIUS	NTS	NOT TO SCALE
BM	BENCHMARK	OG	ORIGINAL GROUND
B/W, BW	BACK OF WALK	OHP	OVERHEAD POWER LINE
B.R.	BACK OF RAMP	PC	POINT OF CURVE
C, CL	CENTERLINE	PVMT	PAVEMENT
CATV	CABLE T.V.	PP	POWER POLE
CLV	CITY OF LAS VEGAS	PT	POINT OF TANGENCY
COMM.	COMMERCIAL	PRC	POINT OF REVERSE CURVE
CONC., PCC	CONCRETE, PORTLAND CEMENT CONCRETE	PB	PULLBOX
COND.	CONDUCTOR	PL	PROPERTY LINE
CONST.	CONSTRUCT	R	RADIUS
CSD	CLARK COUNTY STANDARD DRAWINGS	RT	RIGHT
C & G	CURB AND GUTTER	R/W, R.O.W.	RIGHT OF WAY
D/W	DRIVEWAY	SD	STORM DRAIN
DWG.	DRAWING	SF	SQUARE FOOT
EA.	EACH	SS	SANITARY SEWER
ELEC.	ELECTRIC	STA.	STATION
EOP, EP	EDGE OF PAVEMENT	STD.	STANDARD
ELEV.	ELEVATION	SY	SQUARE YARD
EXIST., EX.	EXISTING	S/W	SIDEWALK
EXOH	EXISTING OVERHEAD UTILITY	T	TELEPHONE LINE
FD	FOUND	TC	TOP OF CURB
FL	FLOWLINE	TEL	TELEPHONE
FG	FINISHED GRADE	TRANS.	TRANSITION
FH	FIRE HYDRANT	T.R.C.	TOP OF RAMP CURB
FT.	FOOT/FEET	TS	TRAFFIC SIGNAL
FUT.	FUTURE	TYP.	TYPICAL
G	GAS	U.S.D.	UNIFORM STANDARD DRAWING
GV	GAS VALVE	U.S.S.	UNIFORM STANDARD SPECIFICATIONS
GW	GUY WIRE	W	WATER LINE
INT.	INTERSECTION	WC	WHEEL CHAIR
		WM	WATER METER
		WV	WATER VALVE
		W/	INCLUDED
		Δ	INCLUDED DELTA ANGLE

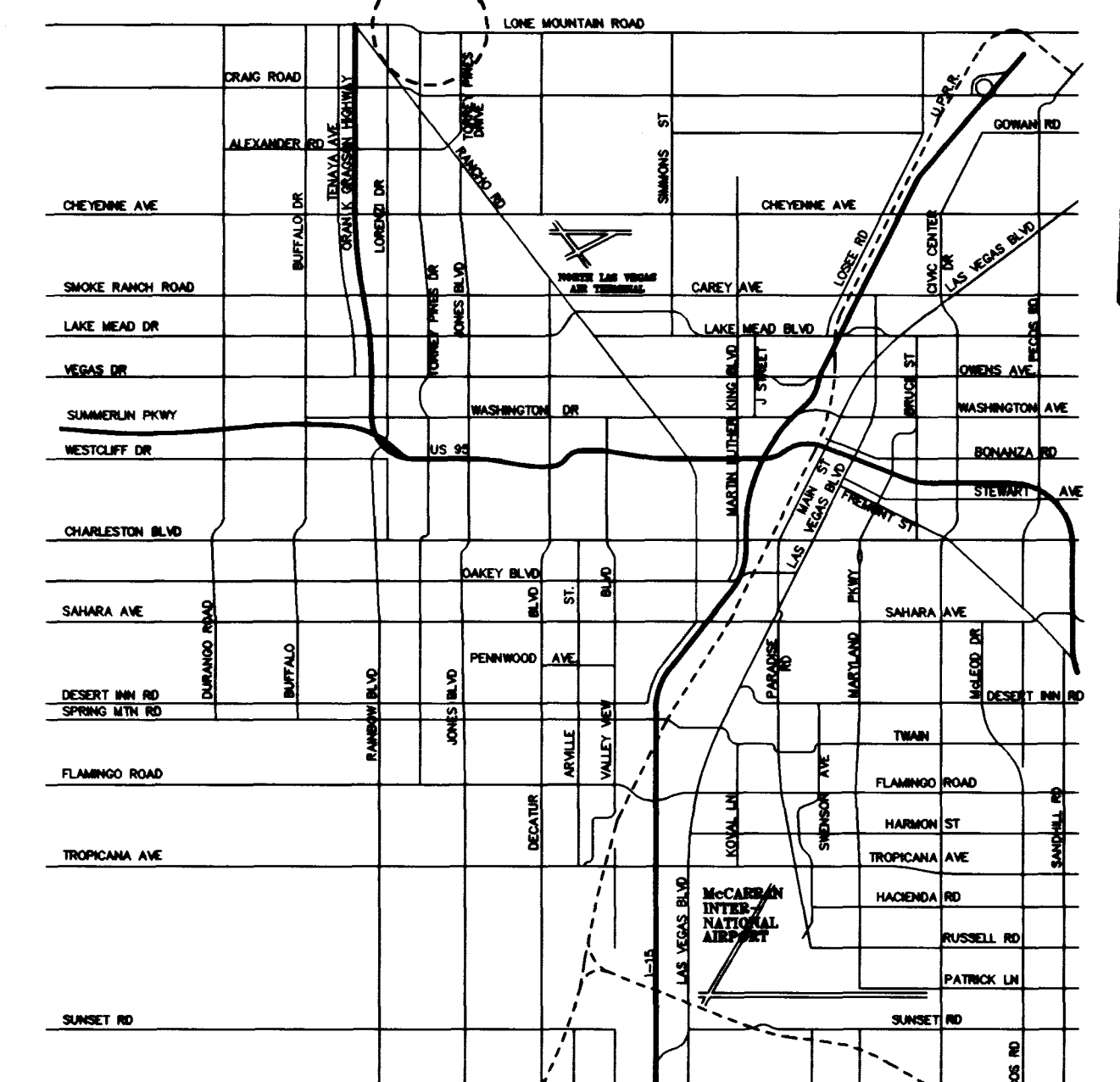


FOUNDATION ELEVATION

NO SCALE

SEE U.S.D.C.A. FOR FOUNDATION DETAILS

**PROJECT VICINITY
(LONE MTN/TORREY PINES)**



VICINITY MAP

NOT TO SCALE



DATE	
REVISIONS	
SCALE (H) NO SCALE	SCALE (V) JULY 1998
F.D. BK. #	DESIGN BY TMH
ENGINEERING DESIGN SECTION	
CITY ENGINEER: DENNIS ANDERSON, P.E. PROJECT MANAGER: THERESA M. HANRAHAN, P.E.	
DEPARTMENT OF PUBLIC WORKS	
PROJECT: LONE MOUNTAIN ROAD & TORREY PINES DRIVE TRAFFIC SIGNAL PLANS	
NOTES	
SHEET: 2/6	
DRAWING NO. 107-V2761	

AS BUILT

