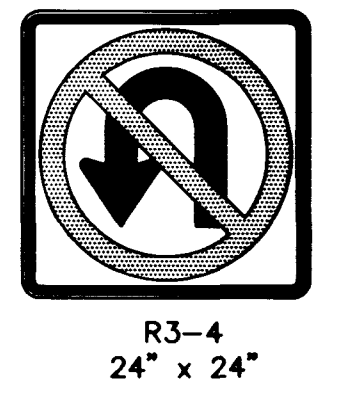


POLE SCHEDULE													
NO.	STATION - ELEV	TYPE	SIGNAL ARM**		LUM. ARM		SIGNALS (VEH)		SIGNALS (PED)		PUSH BUTTON	REMARKS	
			QUAD.	LENGTH	QUAD.	LENGTH	QUAD.	TYPE	QUAD.	TYPE			
A	"LM" 99+43.5 51.4', LT EI = 2046.16 *	XX	3	45'	3	15'	MA	M-2	1	W-4T	2	LT	H FOUNDATION
								M-2(2)					
							1	B-2T					
B	"LM" 100+33.7 56.5', LT EI = 2045.00 *	XX	4	30'	4	15'	MA	M-2(2)	2	W-3T	3	LT	H FOUNDATION INSTALL R3-4 ON MAST ARM
								B-1T					
							2	B-1T					
C	"LM" 100+34.7 46.0', RT EI = 2045.05 *	XX	1	45'	1	15'	MA	M-2	3	W-3T	1	RT	H FOUNDATION
								M-2(2)					
							3	B-1T					
D	"LM" 99+58.7 58.8', RT EI = 2045.63 *	XX	2	35'	2	15'	MA	M-2(2)	4	W-3T	1	LT	H FOUNDATION INSTALL R3-4 ON MAST ARM
								B-2T					
							4	B-2T					

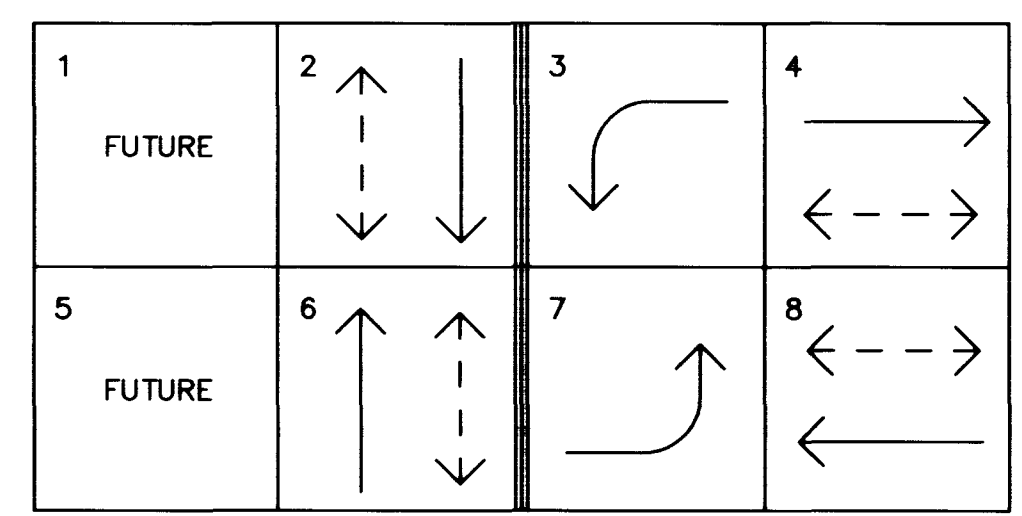
• SEE FOUNDATION ELEVATION DETAIL
•• CITY TO FURNISH POLES AND MAST ARMS

SIGN SCHEDULE			
POLE	INTERNALLY ILLUMINATED STREET NAME SIGN		
A	← Concord	2000	
N	Concord →	2000	
B	← Lake Mead	1000	
C	← J	1900	
N	J →	1900	
D	← Lake Mead	1100	

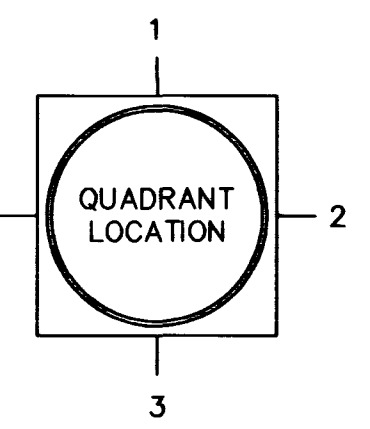


SEE USD DRAWINGS 404.417 AND 404.420. BLOCK NUMBER SIGN TO BE CENTERED ON ILLUMINATED STREET NAME SIGN.
8' SIGN PANEL.
SMALL TEXT (DIRECTION AND BLOCK NUMBER) IS 5" SERIES C.
LARGE TEXT (STREET NAME) IS 8" SERIES D FOR UPPER AND LOWER CASE.
CONTRACTOR TO OBTAIN APPROVAL OF STREET NAME SIGN LAYOUT FROM TRAFFIC ENGINEERING FIELD OPERATIONS SUPERVISOR, 229-6331, PRIOR TO ORDERING SIGNS.

PHASE DIAGRAM



CONFLICT FLASH SHALL BE RED-RED.



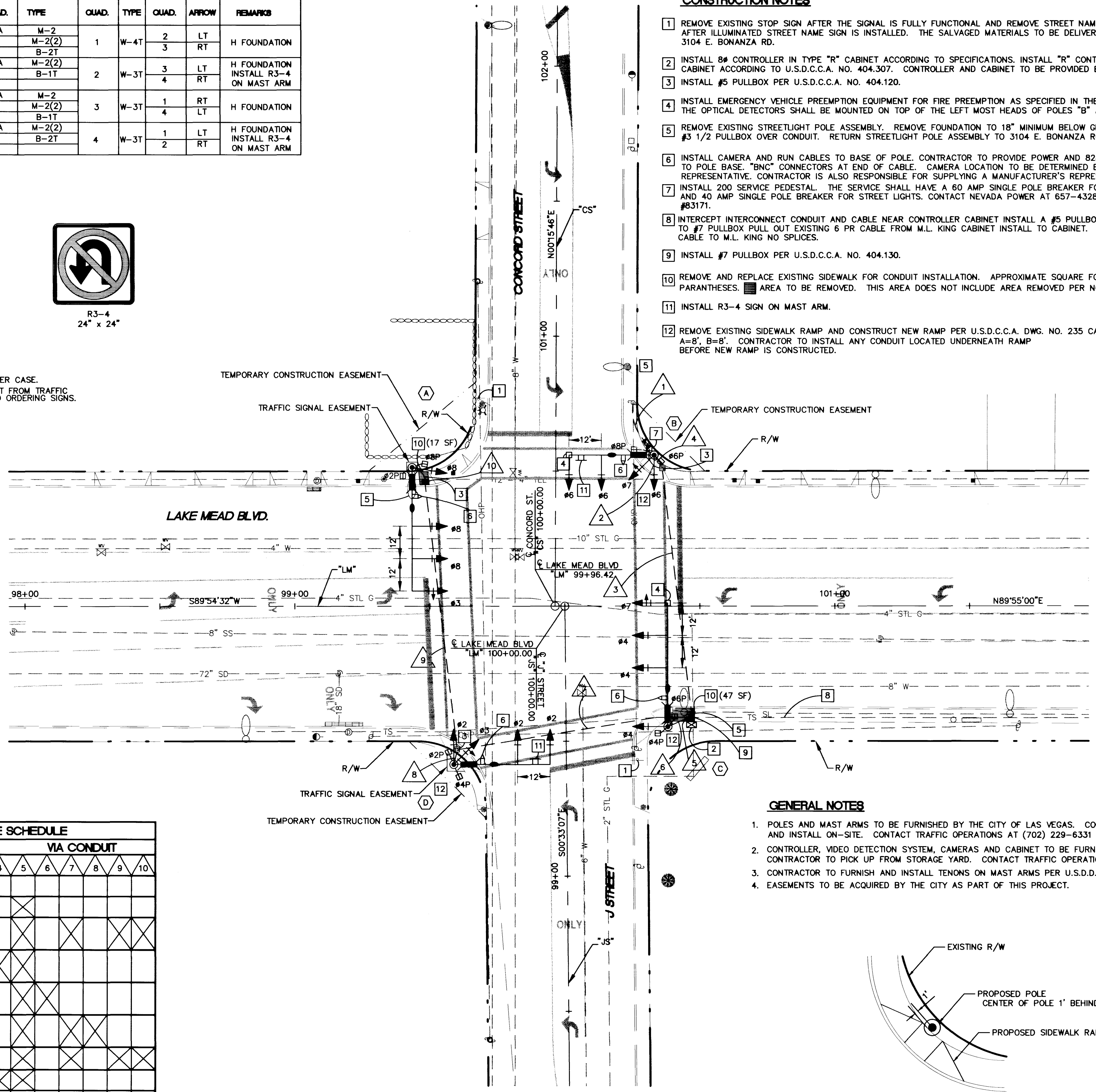
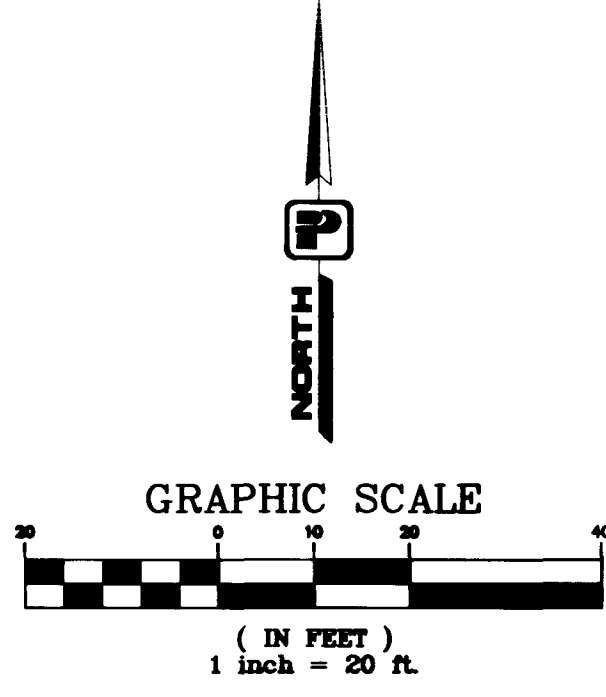
ARM OR SIGNAL LOCATION (TOP VIEW)

CONDUIT AND WIRE SCHEDULE																				
WIRE AND CABLE	FROM	TO	VIA CONDUIT																	
			1	2	3	4	5	6	7	8	9	10								
3 3/0 THW	NPC POLE	SERVICE PEDESTAL																		
4 #4, 1 #8	SERVICE PEDESTAL	CONTROLLER																		
25C #14 3 #14 SO CORD 2 #10, 1 #8	CONTROLLER	POLE A																		
25C #14 3 #14 SO CORD 2 #10, 1 #8	CONTROLLER	POLE B																		
25C #14 3 #14 SO CORD 2 #10, 1 #8	CONTROLLER	POLE C																		
25C #14 3 #14 SO CORD 2 #10, 1 #8	CONTROLLER	POLE D																		
EMER. VEHICLE PRE-EMPT. CABLE	CONTROLLER	POLE A																		
EMER. VEHICLE PRE-EMPT. CABLE	CONTROLLER	POLE B																		
			2"	2"	1-2"	3"	2-2"	3"	2-3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"

* INTERCONNECT CONDUIT

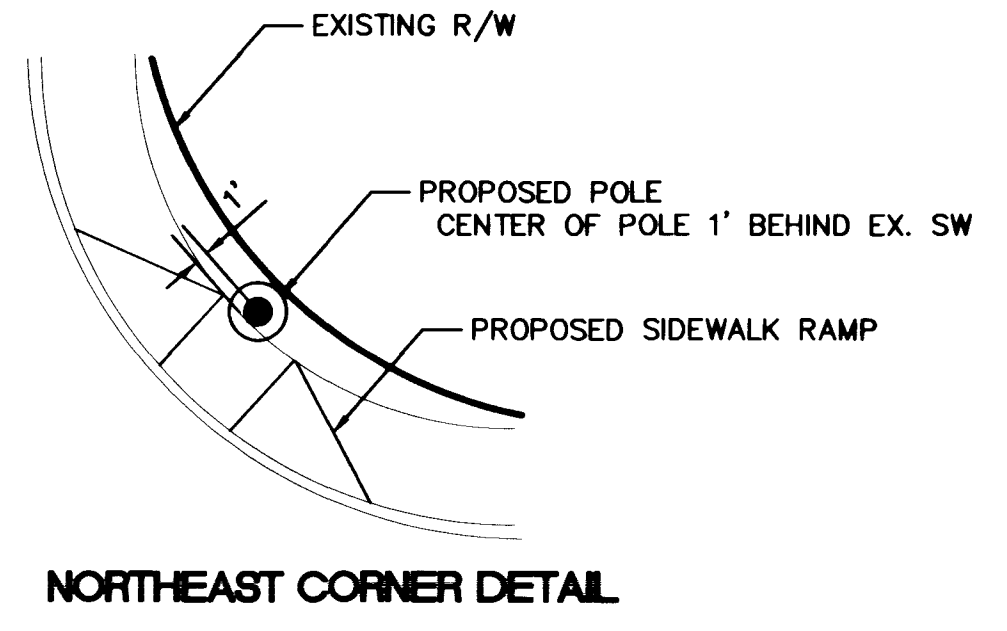
CONSTRUCTION NOTES

- REMOVE EXISTING STOP SIGN AFTER THE SIGNAL IS FULLY FUNCTIONAL AND REMOVE STREET NAME SIGN AND POSTS AFTER ILLUMINATED STREET NAME SIGN IS INSTALLED. THE SALVAGED MATERIALS TO BE DELIVERED TO 3104 E. BONANZA RD.
- INSTALL 8# CONTROLLER IN TYPE "R" CABINET ACCORDING TO SPECIFICATIONS. INSTALL "R" CONTROLLER CABINET ACCORDING TO U.S.D.C.C.A. NO. 404.307. CONTROLLER AND CABINET TO BE PROVIDED BY THE CITY OF LAS VEGAS.
- INSTALL #5 PULLBOX PER U.S.D.C.C.A. NO. 404.120.
- INSTALL EMERGENCY VEHICLE PREEMPTION EQUIPMENT FOR FIRE PREEMPTION AS SPECIFIED IN THE SPECIFICATIONS. THE OPTICAL DETECTORS SHALL BE MOUNTED ON TOP OF THE LEFT MOST HEADS OF POLES "B" AND "C".
- REMOVE EXISTING STREETLIGHT POLE ASSEMBLY. REMOVE FOUNDATION TO 18" MINIMUM BELOW GRADE. INSTALL #3 1/2 PULLBOX OVER CONDUIT. RETURN STREETLIGHT POLE ASSEMBLY TO 3104 E. BONANZA ROAD.
- INSTALL CAMERA AND RUN CABLES TO BASE OF POLE. CONTRACTOR TO PROVIDE POWER AND 8281 CABLE FROM CONTROLLER TO POLE BASE. "BNC" CONNECTORS AT END OF CABLE. CAMERA LOCATION TO BE DETERMINED BY MANUFACTURER'S REPRESENTATIVE. CONTRACTOR IS ALSO RESPONSIBLE FOR SUPPLYING A MANUFACTURER'S REPRESENTATIVE FOR TURN ON.
- INSTALL 200 SERVICE PEDESTAL. THE SERVICE SHALL HAVE A 60 AMP SINGLE POLE BREAKER FOR TRAFFIC SIGNAL AND 40 AMP SINGLE POLE BREAKER FOR STREET LIGHTS. CONTACT NEVADA POWER AT 657-4328 WITH WORK ORDER #83171.
- INTERCEPT INTERCONNECT CONDUIT AND CABLE NEAR CONTROLLER CABINET INSTALL A #5 PULLBOX AND 2" CONDUIT TO #7 PULLBOX PULL OUT EXISTING 6 PR CABLE FROM M.L. KING CABINET INSTALL TO CABINET. PULL IN NEW 6 PAIR CABLE TO M.L. KING NO SPLICES.
- INSTALL #7 PULLBOX PER U.S.D.C.C.A. NO. 404.130.
- REMOVE AND REPLACE EXISTING SIDEWALK FOR CONDUIT INSTALLATION. APPROXIMATE SQUARE FOOTAGE SHOWN IN PARANTHESES. AREA TO BE REMOVED. THIS AREA DOES NOT INCLUDE AREA REMOVED PER NOTE 12.
- INSTALL R3-4 SIGN ON MAST ARM.
- REMOVE EXISTING SIDEWALK RAMP AND CONSTRUCT NEW RAMP PER U.S.D.C.C.A. DWG. NO. 235 CASE III. A=8', B=8'. CONTRACTOR TO INSTALL ANY CONDUIT LOCATED UNDERNEATH RAMP BEFORE NEW RAMP IS CONSTRUCTED.



GENERAL NOTES

- POLES AND MAST ARMS TO BE FURNISHED BY THE CITY OF LAS VEGAS. CONTRACTOR TO PICK-UP FROM STORAGE YARD AND INSTALL ON-SITE. CONTACT TRAFFIC OPERATIONS AT (702) 229-6331
- CONTROLLER, VIDEO DETECTION SYSTEM, CAMERAS AND CABINET TO BE FURNISHED BY THE CITY OF LAS VEGAS. CONTRACTOR TO PICK UP FROM STORAGE YARD. CONTACT TRAFFIC OPERATIONS AT (702) 229-6332.
- CONTRACTOR TO FURNISH AND INSTALL TENONS ON MAST ARMS PER U.S.D.C.A. DWG. 404.402.
- EASEMENTS TO BE ACQUIRED BY THE CITY AS PART OF THIS PROJECT.



NORTHEAST CORNER DETAIL

BASIS OF BEARING

BEARINGS ARE BASED ON THE CENTERLINE OF LAKE MEAD BOULEVARD AS SHOWN PER VTN R/W DRAWING #15-389 PAGE 8 BEING N 89° 55' 00" E
ELEVATIONS BASED ON CLV BM# 2LVO121E4 LOCATED ON A RIVET AND PLATE IN TOP OF NW CURB RETURN OF LAKE MEAD BLVD AND "H" STREET THE ELEVATION BEING 2034.598 FEET ABOVE MEAN SEA LEVEL NAVD 88.

Avoid cutting underground utility lines. It's costly.

Call before you Dig.

1-800-227-2600

SAFETY ALERT

Call before you Overhead.

593-6111

NO.	DATE	BY	REVISIONS

DESIGNED: CDA/KZL
DRAWN: CDA/RM
CHECKED: PDK
JOB No: PTC042173
HORIZ: 1"=20'
VERT: NONE
DATE: 8/14/98

PARSONS TRANSPORTATION GROUP

3075 E. Flamingo Rd., Ste 116
Las Vegas, NV 89121
(702) 435-2116
Fax (702) 435-8412

PROJECT: SIGNALIZATION PLANS
LAKE MEAD BOULEVARD AND J STREET

DESCRIPTION: TRAFFIC SIGNAL PLAN

PLANS NO. 107-V2945
SHEET 5 OF 8

