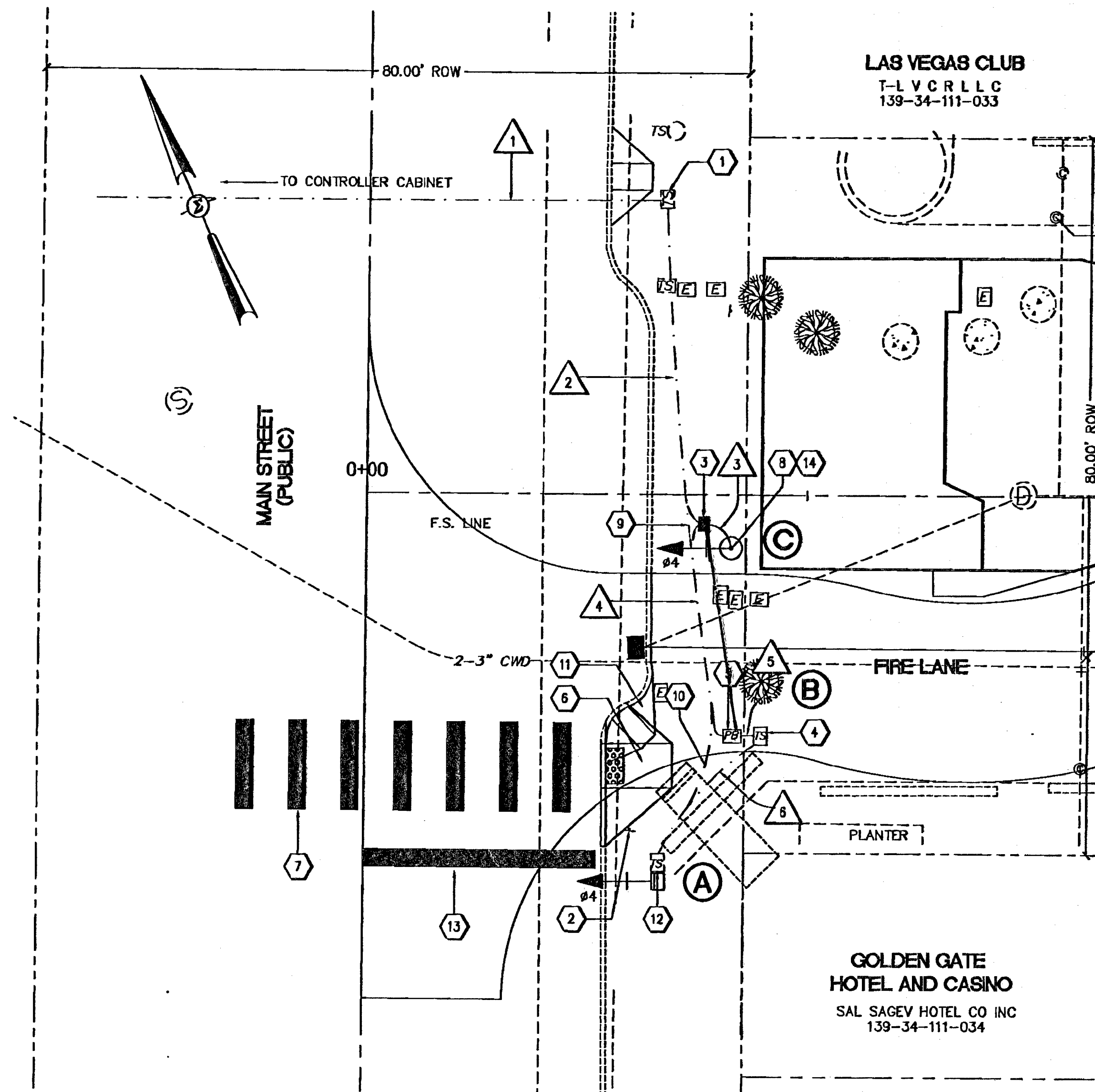




CITY OF LAS VEGAS TRAFFIC SIGNAL NOTES

SEE SHEET T-2 FOR CLV TRAFFIC SIGNAL NOTES

CONSTRUCTION NOTES

1. PROTECT IN PLACE EXISTING PULLBOX
2. PROTECT IN PLACE EXISTING SIGN
3. INSTALL NEW NO 5 PULLBOX PER CCUSD 708
4. REMOVE AND RELOCATE EXISTING POLE (C) PER NOTE (A). REMOVE AND SALVAGE PEDESTRIAN HEAD PER CLV SALVAGE NOTE. FILL BOLT HOLES IN POLE FROM PEDESTRIAN HEAD ATTACHMENT. CHIP DOWN EXISTING FOUNDATION 18" BELOW GRADE AND CUT OFF ANCHOR BOLTS.
5. REMOVE EXISTING 3.5 PULLBOX
6. CONSTRUCT SIDEWALK RAMP PER CCUSD 235 CASE II
7. REMOVE EXISTING CROSSWALK MARKINGS AND INSTALL PERMANENT PAVING MARKING FILM (WHITE CROSSWALK LINES) PER CCUSD 254
8. INSTALL RELOCATED POLE (B) ON NEW TYPE C FOUNDATION PER CCUSD 717
9. INTERCEPT EXISTING 2" CONDUIT AND INSTALL SWEEPS INTO NEW NO 5 PULLBOX
10. EXTEND 2" CONDUIT FROM NEW NO 5 PULLBOX TO CONDUIT AT POLE A.
11. REMOVE EXISTING SIDEWALK RAMP AND REPAIR SIDEWALK AND CURB IN KIND
12. REMOVE EXISTING STUB POLE AND INSTALL NEW 1B POLE PER CCUSD 806 WITH TOP MOUNTED PEDESTRIAN HEAD AND PUSH BUTTONS ON EXISTING FOUNDATION
13. REMOVE EXISTING STOP BAR MARKINGS AND INSTALL PERMANENT PAVING MARKING FILM (WHITE STOP BAR) PER CCUSD 254
14. RELOCATE EXISTING SIGNAL CABLE AND GROUND WIRE FROM POLE B TO NEW POLE C



Orth-Rodgers and Associates, Inc.
TRANSPORTATION ENGINEERS and PLANNERS

OFFICE LOCATIONS

8871 West Flamingo Rd, Suite 202
Las Vegas, NV 89147
Phone: (702)-233-4060
Toll Free: (800)-803-1388
Fax: (702)-233-4560

4729 West Chester Pike, Newton Square, PA 19073
301 Lindenwood Drive, Suite 130 Malvern, PA 19355
4999 Louise Drive, Mechanicsburg, PA 17055
1501 Reedside Street, Suite 303 Pittsburgh, PA 15233
298 Marsh Road, Suite 100, Carson City, NV 89701
810 Bear Tavern Road, Suite 1, Newton, PA 18940

CLV SALVAGE NOTE

EXISTING TRAFFIC EQUIPMENT REMOVED AND NOT RELOCATED SHALL BE SALVAGED BY THE CONTRACTOR AND DELIVERED TO THE CITY OF LAS VEGAS, 3104 EAST BONANZA ROAD

ALL STREETLIGHT AND TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BE RETURNED TO THE CLV EAST SERVICE YARD. CALL 229-3661, 24 HOURS BEFORE DELIVERY, TO SET UP TIME. CONTRACTOR MUST HAVE A MEANS TO UNLOAD EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE INCURRED IN THIS PROCESS.

TRAFFIC SIGNAL SERVICE NOTE

TRAFFIC SIGNAL MUST REMAIN OPERATIONAL AT ALL TIMES. IT IS EXPECTED THAT THE CONTRACTOR MAY NEED TO USE OVERHEAD TEMPORARY WIRING TO KEEP THE SIGNAL OPERATIONAL DURING CONDUIT AND CONDUCTOR EXTENSIONS AND RE-ROUTING, NEW SIGNAL CABINET REWIRING, AND INTERCONNECT CONDUIT EXTENSIONS AND RE-ROUTING. THIS WORK SHALL BE INCIDENTAL TO THE TRAFFIC SIGNAL LUMP SUM PRICE, AND SHOULD BE INCLUDED IN THE CONTRACTOR'S BID PRICE.

POLE AND EQUIPMENT SCHEDULE

P O L E	LOCATION STATION*	POLE TYPE FOUND TYPE	SIGNALS (VEHICLE)		SIGNALS (PEDESTRIAN)		PEDESTRIAN PUSH BUTTONS		REMARKS
			TYPE	QUAD	TYPE	QUAD	QUAD	ARROW	
(A)	EXISTS	1B EXISTS	-	-	TOP MOUNTED	-	-	LEFT 1 Ø 4 RIGHT	NEW POLE ON EXISTING FOUNDATION
(B)	EXISTS	EX 1A REMOVE	-	-	-	-	-	LEFT RIGHT	SALVAGE EXISTING POLE-REMOVE FOUNDATION
(C)	NEW	EX 1A C	TOP MOUNTED	-	-	-	-	LEFT RIGHT	RELOCATE POLE B ON NEW FOUNDATION

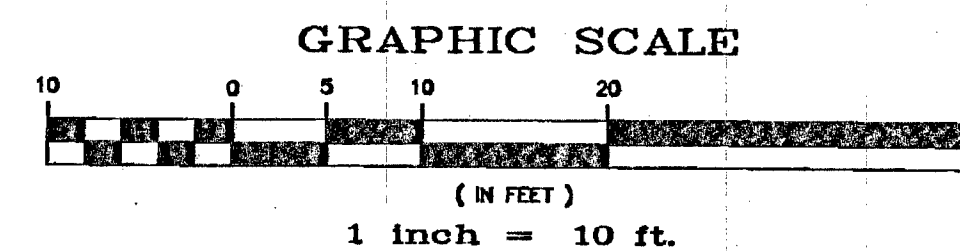
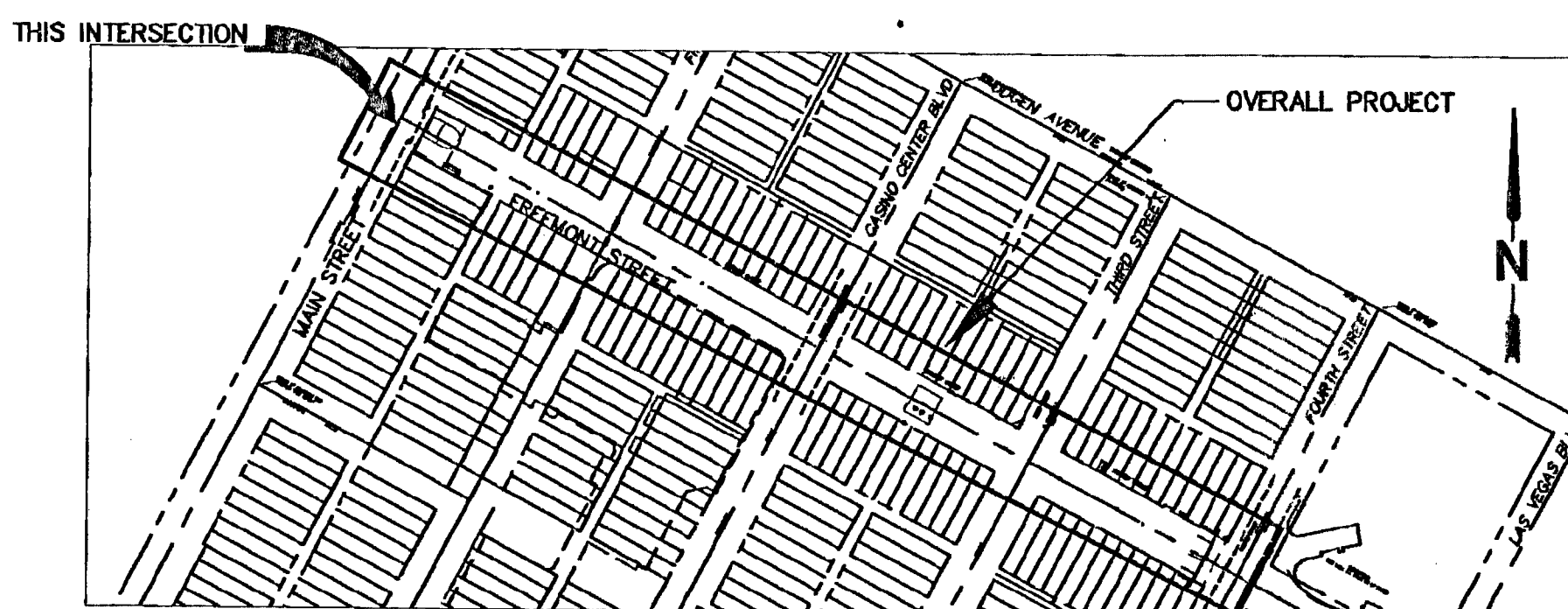
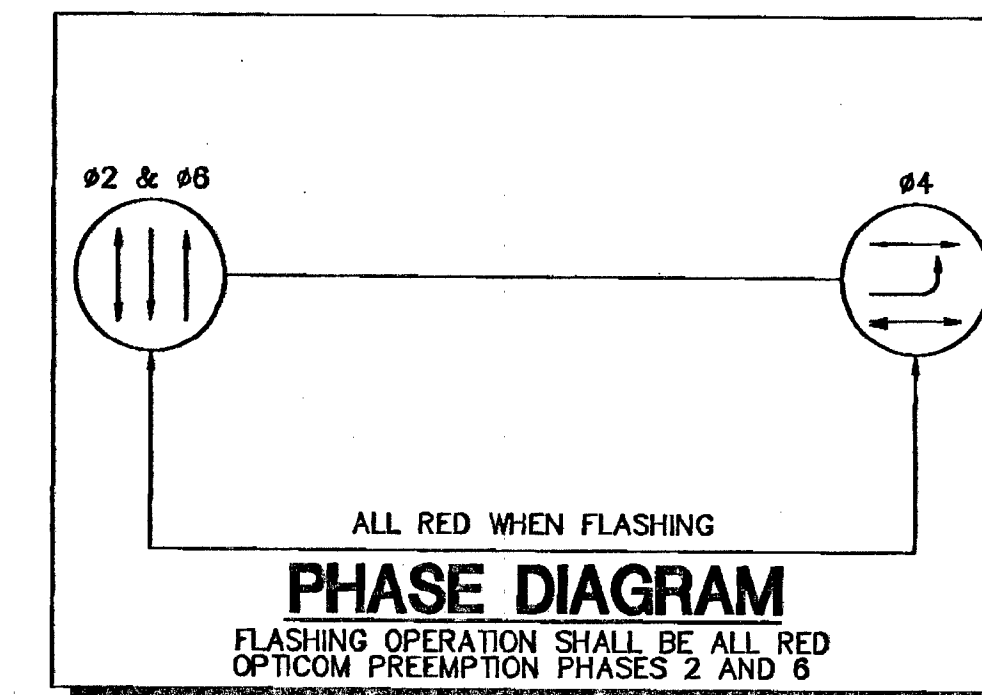
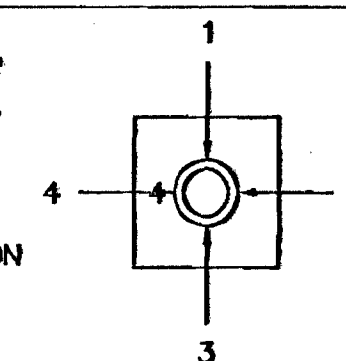
CONDUIT AND WIRE SCHEDULE

WIRE & CABLE	FROM	TO	VIA CONDUIT					
EXISTING #14 SIGNAL CABLE, (1) #8 AWG THW GROUND,	CONTROLLER	POLE C	Ø 2	Ø 2	Ø 2	Ø 2	Ø 2	Ø 2
10C #14 SIGNAL CABLE, (1) #8 AWG THW GROUND	POLE C	POLE A	Ø 2	Ø 2	Ø 2	Ø 2	Ø 2	Ø 2
CONDUIT NUMBER & SIZE								
			EXISTS 2"	EXISTS 2"	NEW 2"	EXISTS 2"	EXISTS 2"	EXISTS 2"

4. EXISTING CONDUIT 1"
ALL ELSE AS PER PLANS

QUADRANT LOCATOR

QUADRANT
ARM OR SIGNAL LOCATION
(TOP VIEW)



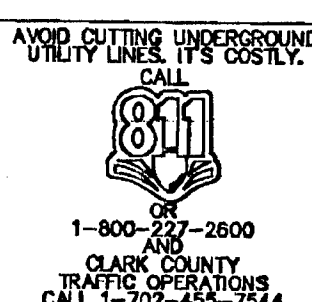
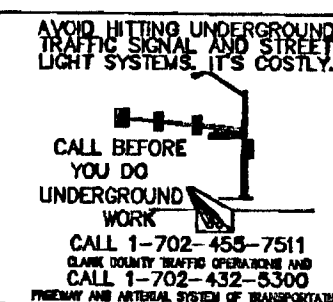
BASIS OF BEARING

SOUTH 62°04'36" EAST, BEING THE BEARING OF THE CENTERLINE OF OGDEN AVENUE, BETWEEN MAIN STREET AND FOURTH STREET AS SHOWN IN FILE 67, PAGE 79 OF SURVEYS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK
BENCHMARK No. "K 169"
BEING A USC&GS DISC IN STAIRS OF POST OFFICE ON STEWART AND 3RD STREET.
ELEVATION: 613.667 METERS (2013.339 FEET) (2002 ADJUSTMENT)
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD'88)

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS SHOWN ON THESE PLANS. THESE PLANS WERE CREATED USING THE BEST AVAILABLE INFORMATION AND THE ENGINEER TAKES NO RESPONSIBILITY FOR THE ACCURACY OF THE UTILITY INFORMATION SHOWN. IF THE CONTRACTOR FINDS A DISCREPANCY IN INFORMATION SHOWN ON THESE PLANS, THEN THEY ARE REQUIRED TO CONTACT THE ENGINEER IMMEDIATELY.



PLANS FOR
FREMONT STREET EXPERIENCE
ZIP LINE
TRAFFIC SIGNAL
MODIFICATIONS
CITY OF LAS VEGAS

Drawn by JS	Checked by WV	Date 03/27/13	Scale AS SHOWN
JOB No. 12_0181			
DRAWING T-1			
23 OF 24			
10745 928			

Hansen 47059