

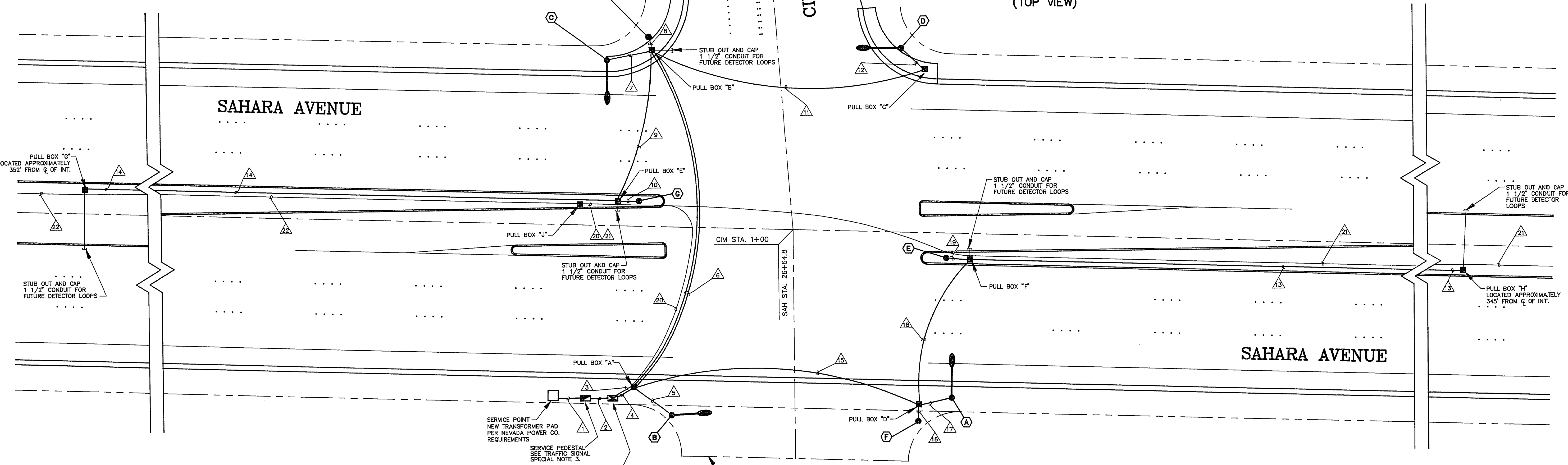
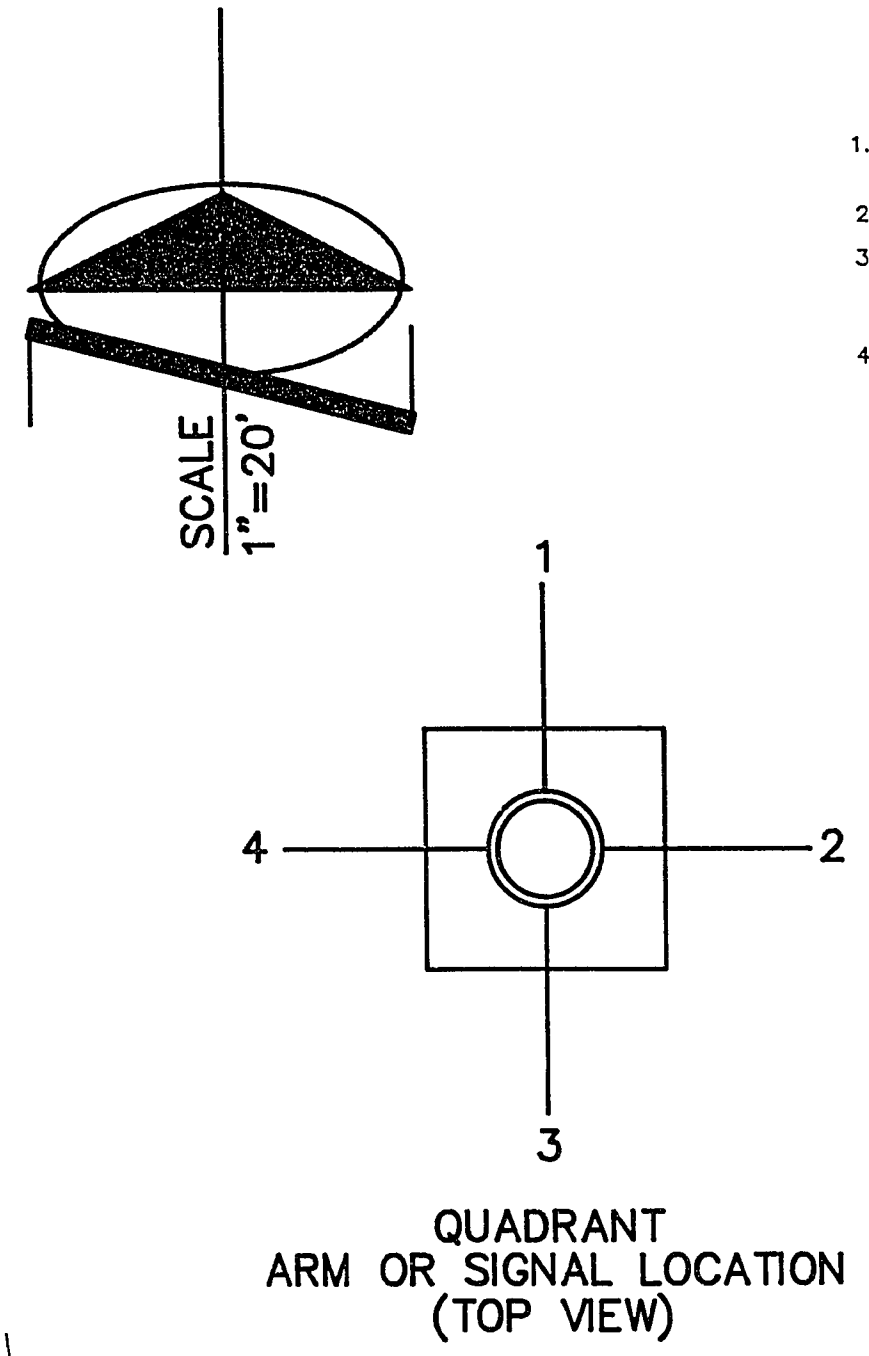
CONDUIT & CABLE SCHEDULE									
RUN NO.	FROM	TO	CONDUIT SIZE	SIGNAL CABLE		DET. LEADS	LIGHTING CKT	INTERCONNECT	22 AWG PER NEA SPEC FE-39
				15AWG	14AWG				
1	SERVICE POINT	SERVICE PEDESTAL	2"						3-#3/0 THW
2	SERVICE PEDESTAL	CONTROLLER	2"					2	2-#10; 1-#8 THW
3	CONTROLLER	PULL BOX "A"	2"						
4	PULL BOX "A"	POLE B; LUM B	2"			4			
5	PULL BOX "A"	PULL BOX "B"	2-3"			2			
6	PULL BOX "B"	POLE C; LUM C	2"			1			
7	PULL BOX "B"	POLE H	2"						
8	PULL BOX "B"	PULL BOX "E"	3"						
9	PULL BOX "E"	POLE G	2"						
10	PULL BOX "E"	PULL BOX "C"	3"				1		
11	PULL BOX "C"	POLE D	2"				1		
12	PULL BOX "C"	PULL BOX "H"	1 1/2"						
13	PULL BOX "E"	PULL BOX "G"	1 1/2"						
14	PULL BOX "A"	PULL BOX "D"	3"				1		
15	PULL BOX "D"	POLE F	2"						
16	PULL BOX "D"	POLE A; LUM A	2"				1		
17	PULL BOX "D"	PULL BOX "F"	3"						
18	PULL BOX "F"	POLE E	2"						
19	PULL BOX "F"	PULL BOX "A"	2"					2	
20	PULL BOX "F"	PULL BOX "J"	2"					1	
21	PULL BOX "J"	DURANGO DRIVE	2"					1	
22	PULL BOX "J"	PULL BOX "I"	2"					1	

NOTE: INSTALL IN EACH CONDUIT A #8 GREEN GROUNDING CONDUCTOR.

TRAFFIC SIGNAL SPECIAL NOTES

- PULL BOX "A" IS A #7; PULL BOXES "B", "C", "D", "E", "F", AND "J" ARE #5; AND, PULL BOXES "G" AND "H" ARE #3 1/2.
- INSTALL NEW TYPE "R" CONTROLLER CABINET AND FOUNDATION.
- INSTALL 125A SERVICE PEDESTAL WITH 1-30A 1 POLE BKR FOR INTERSECTION LUMINAIRES AND 1-60A 1 POLE BKR FOR TRAFFIC SIGNAL CONTROLLER. INSTALL PER C.L.V. STD. DRAWING 404.1412.
- | POLE | FOUNDATION TYPE |
|------|-----------------|
| (A) | TYPE "L" |
| (B) | TYPE "L" |
| (C) | TYPE "L" |
| (D) | TYPE "H" |
| (E) | TYPE "A" |
| (F) | TYPE "C" |
| (G) | TYPE "A" |
| (H) | TYPE "C" |
- POLES A, B, C, AND D SHALL INCLUDE MAST ARM SUPPORTS EVEN THOUGH NO MAST ARMS WILL BE PROVIDED FOR THESE POLES UNDER THIS CONTRACT. THE FUTURE MAST ARMS WILL BE AS FOLLOWS:

POLE	MAST ARM LENGTH
(A)	55'
(B)	50'
(C)	55'
(D)	40'
- PROVIDE BLOCK NUMBER SIGNS PER C.L.V. STD. DRAWING 404.420 ON THE FOLLOWING POLES:
 - "S 2500", POLE A
 - "W 8100", POLE B
 - "S 2400", POLE C
 - "W 8000", POLE D
- INSTALL STOP LINE ON CIMARRON DRIVE. SEE SHEET T-3.
- THE USE OF THE WORD "PROPOSED" IN CONJUNCTION WITH AN ITEM ON THIS PLAN MEANS THAT ITEM IS TO BE INSTALLED UNDER THIS CONTRACT.



POLE AND SIGNAL SCHEDULE									
POLE	LOCATION STATION (ALONG SAHARA)	TYPE	SIG. ARM		SIGNALS (VEH.)		SIGNALS PEDESTRIAN		REMARKS
			QUAD. LING	QUAD. RING	TYPE	QUADRANT*	TYPE	QUAD.*	
(A)	27+28.8 (65.0' RT)±	XXA 30	1	1	15'				SEE TRAFFIC SIGNAL SPECIAL NOTE 5
(B)	26+17.5 (74.4' RT)±	XXA 30	2	2	15'		4		SEE TRAFFIC SIGNAL SPECIAL NOTE 5
(C)	25+90.0 (65.0' LT)±	XXA 30	3	3	15'				SEE TRAFFIC SIGNAL SPECIAL NOTE 5
(D)	27+05.8 (74.0' LT)±	XX 30	4	4	15'		2		SEE TRAFFIC SIGNAL SPECIAL NOTE 5
(E)	27+25.8 (10.0' RT)±	**							POLE TOP MOUNT
(F)	27+16.0 (74.5' RT)±	1-B							POLE TOP MOUNT
(G)	28+03.8 (10.0' LT)±	**							POLE TOP MOUNT
(H)	26+07.0 (74.5' LT)±	1-A					4		POLE TOP MOUNT

* QUADRANT LOCATION INFORMATION IS PROVIDED FOR LOCATION OF MAST ARM SUPPORTS, AND DRILLING OF HOLES FOR FUTURE ATTACHMENTS.
 ** PEDESTRIAN PUSH BUTTON POLE PER CITY OF LAS VEGAS STD. DRAWING NO. 404-401.1, EXCEPT PUSH BUTTON ASSEMBLY IS NOT TO BE INSTALLED AT THIS TIME.

REVISION	DATE	BY	REV

ES ENGINEERS & ARCHITECTS, INC.
 700 N. GARDEN BLVD., SUITE 200
 LAS VEGAS, NEVADA 89101
 6/15/92
 SUBMITTED BY: [Signature]

TITLE
SIGNAL PLAN
SAHARA AVENUE AT CIMARRON DRIVE
 PROJECT
SAHARA AVENUE

W.O. # L1S17
 BY: J.D.T./C.A.B.
 DATE: 06/15/92
 SCALE: 1" = 20'

Civil Engineer Seal
 CARL A. BOLGRIEN, JR.
 6/15/92

C.L.V. DRAWING NO. 107-V-2036
 T-2 34
 43
 "As Built" 107-V2036