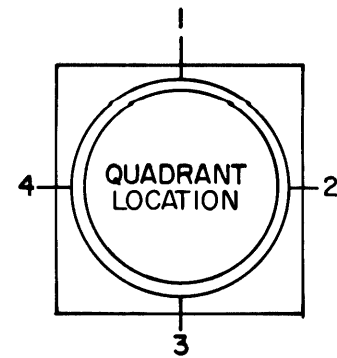
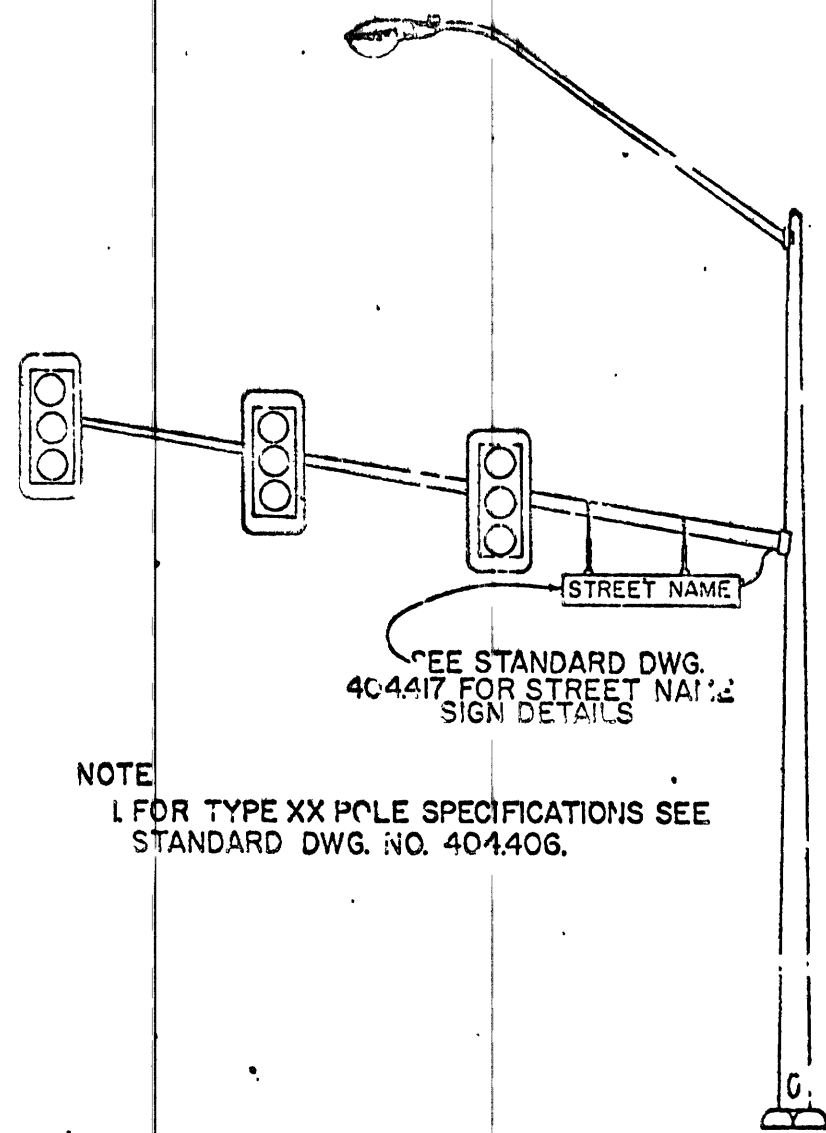
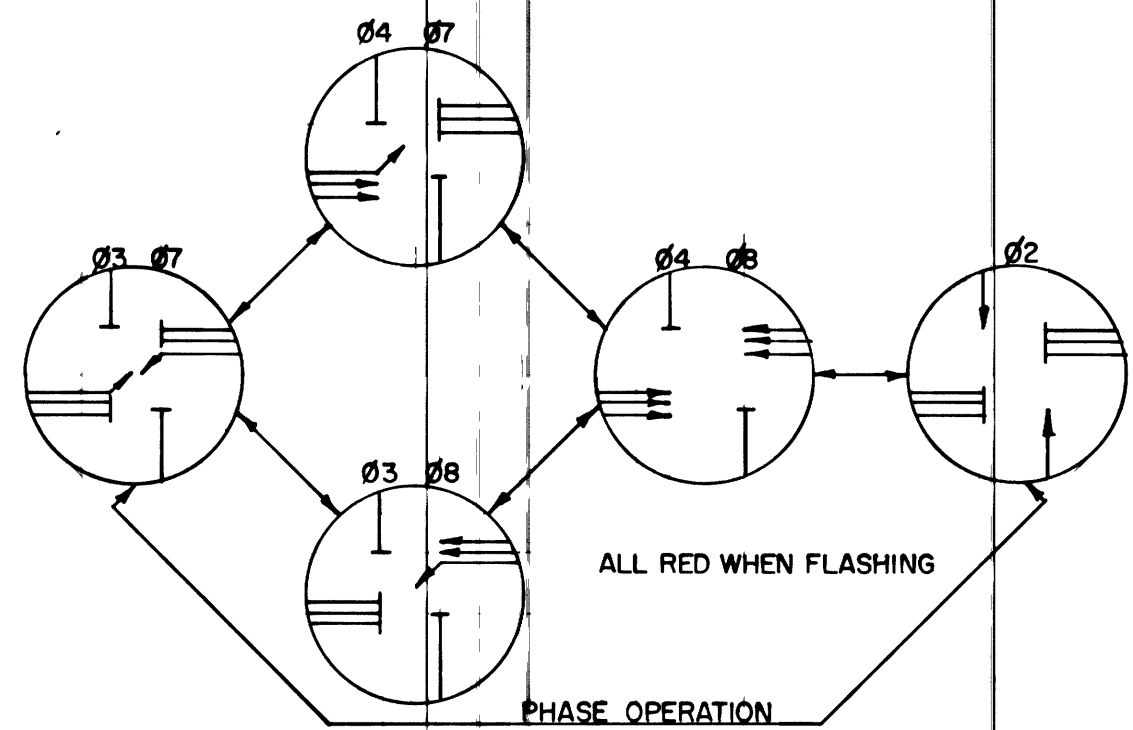


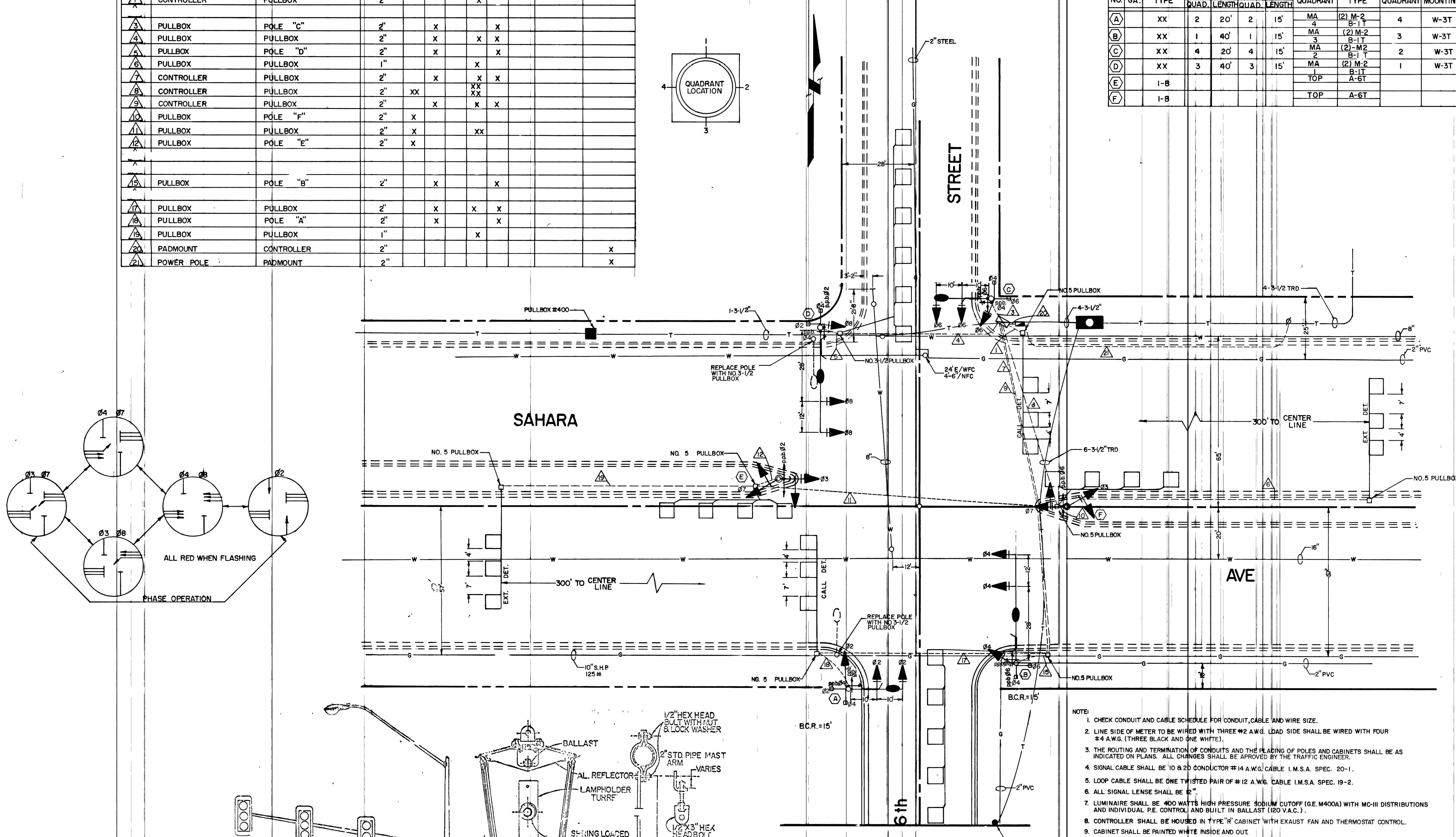
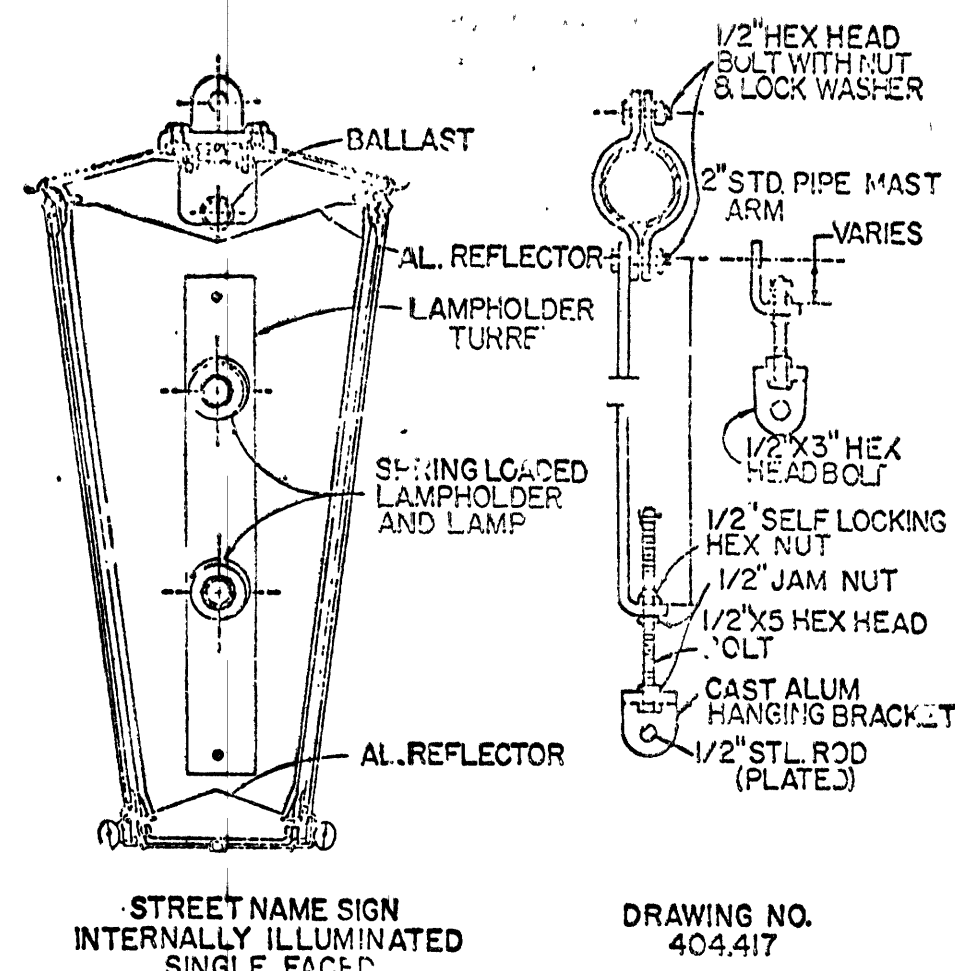
CONDUIT & CABLE SCHEDULE									
RUN NO.	FROM	TO	CONDUIT SIZE	SIGNAL CABLE		DETECTORS		FLASHERS	
				TO CONDUIT	TO CONDUIT	TO CONDUIT	TO CONDUIT	TO CONDUIT	TO CONDUIT
1	CONTROLLER	PULLBOX	2"						
2	PULLBOX	POLE "C"	2"	X					
3	PULLBOX	PULLBOX	2"	X	X	X			
4	PULLBOX	POLE "D"	2"	X					
5	PULLBOX	PULLBOX	1"				X		
6	CONTROLLER	PULLBOX	2"	X					
7	CONTROLLER	PULLBOX	2"	XX			XX		
8	CONTROLLER	PULLBOX	2"	X			X		
9	PULLBOX	POLE "F"	2"	X					
10	PULLBOX	PULLBOX	2"	X			XX		
11	PULLBOX	POLE "E"	2"	X					
12	PULLBOX	POLE "B"	2"	X					
13	PULLBOX	PULLBOX	2"	X	X	X			
14	PULLBOX	POLE "A"	2"	X					
15	PULLBOX	PULLBOX	1"				X		
16	PADMOUNT	CONTROLLER	2"						X
17	POWER POLE	PADMOUNT	2"						X



POLE SCHEDULE											
POLE						SIGNALS (VEH)		SIGNALS (PED)		PED. PUSH BUTTON	
NO.	GA.	TYPE	SIGNAL ARM	LUM.	ARM	QUADRANT	TYPE	QUADRANT	MOUNTING	QUADRANT	ARROW
			QUAD.	LENGTH	QUAD.						
A	XX	2	20'	2	15'	MA 4	(2) M-2 B-1 T	4	W-3T	1	LT
B	XX	1	40'	1	15'	MA 3	(2) M-2 B-1 T	3	W-3T	4	LT
C	XX	4	20'	4	15'	MA 2	(2) M-2 B-1 T	2	W-3T	3	LT
D	XX	3	40'	3	15'	MA 1	(2) M-2 B-1 T	1	W-3T	2	LT
E	I-B					TOP	A-6T			3	LT
F	I-B					TOP	A-6T			4	LT



NOTE:
1. FOR TYPE XX POLE SPECIFICATIONS SEE
STANDARD DWG. NO. 404.406.



- NOTE:
- CHECK CONDUIT AND CABLE SCHEDULE FOR CONDUIT, CABLE AND WIRE SIZE.
 - LINE SIDE OF METER TO BE WIRED WITH THREE #2 A.W.G. LOAD SIDE SHALL BE WIRED WITH FOUR #4 A.W.G. (THREE BLACK AND ONE WHITE).
 - THE ROUTING AND TERMINATION OF CONDUITS AND THE PLACING OF POLES AND CABINETS SHALL BE AS INDICATED ON PLANS. ALL CHANGES SHALL BE APPROVED BY THE TRAFFIC ENGINEER.
 - SIGNAL CABLE SHALL BE 10 #20 CONDUCTOR #14 A.W.G. CABLE I.M.S.A. SPEC. 20-1.
 - LOOP CABLE SHALL BE ONE TWISTED PAIR OF #12 A.W.G. CABLE I.M.S.A. SPEC. 19-2.
 - ALL SIGNAL LENSE SHALL BE 12".
 - LUMINAIRE SHALL BE 400 WATTS HIGH PRESSURE SODIUM CUTOFF (GE M400A) WITH MC-III DISTRIBUTIONS AND INDIVIDUAL PE. CONTROL AND BUILT IN BALLAST (120 V.A.C.).
 - CONTROLLER SHALL BE HOUSED IN TYPE "R" CABINET WITH EXHAUST FAN AND THERMOSTAT CONTROL.
 - CABINET SHALL BE PAINTED WHITE INSIDE AND OUT.
 - EACH LOOP DETECTOR LEAD-IN REPRESENTS A SEPARATE AMPLIFIED UNIT REQUIRED.
 - ALL NECESSARY AMPLIFIER UNITS, MODULES, LIGHT CONTROL UNITS, SWITCHES, FLASHERS, ETC. SHALL BE WIRED IN CABINET TO ACTIVATE THE FIVE PHASE OPERATION AS SHOWN IN DIAGRAM.
 - SERVICE SHALL HAVE 1-60 AMP SINGLE POLE BREAKER FOR SIGNAL AND 2-40 AMP SINGLE POLE BREAKER FOR STREET LIGHTS. SERVICE SHALL BE A 100 AMP PADMOUNT.
 - EACH STREET LIGHT LUMINAIRE SHALL BE FUSED IN CABINET USING IN LINE FUSEHOLDER.
 - ALL PEDESTRIAN PUSH BUTTON SIGNS SHALL BE 9"X12" WITH FULL MOUNTING BRACKET.
 - ALL CABLE AND WIRING SHALL BE INSTALLED TERMINAL TO TERMINAL NO SPLICING ALLOWED.
 - POLES "A", "B", "C" & "D" SHALL HAVE INTERNALLY ILLUMINATED STREET NAME SIGNS INSTALLED. THE SIGNS SHALL BE WIRED TO THE LUMINAIRE PHOTO CELL FOR CONTROL.
 - STREET NAME SIGNS ON POLES "A" & "C" SHALL READ SAHARA AVE ON POLES "B" & "D" SHALL READ 6th STREET
 - ALL SIGNAL POLES SHALL CONFORM TO C.L.V. STANDARD SPEC. 404.406 AND 404.402.

Department of Public Services		Traffic Engineering Division	
SAHARA AVE & 6th STREET		TRAFFIC SIGNAL	
Scale	1" = 20'	Date	7-21-78
Design by	G. DAMMEIR	Drawn by	J. CARLSON
Approved by	Supervisor of Traffic	Date	9-1-78
Approved by	the Director of Public Services	Date	9-1-78
Revisions		Date	

