DETECTOR SCHEDULE

CHANNELS	LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
1	2I2U	2	● ■
2	2I4U	4	✱
1	5J9U	3	
2	4I6U	3	
1	4I6U	2	▲
2	7J9L	3	
1	6J2U	2	● ■
2	6J4U	4	✱
1	1I9U	3	
2	8J6U	3	
1	8J6L	2	▲
2	3I9L	3	

● SAMPLING (FUTURE)

■ CALL-HOLD (EXTENSION)

✱ DETECTOR DISCONNECT

▲ DELAY

1. DETECTORS ARE 2-CHANNEL RACK-MOUNTED.
2. DETECTOR TIMING FEATURES ARE ACCOMPLISHED THRU INTERNAL LOGIC OF THE CONTROLLER.
3. DETECTOR LOOPS WITH SPECIAL FEATURES ALSO DETECT FOR NORMAL OPERATION.

PHASE DIAGRAM

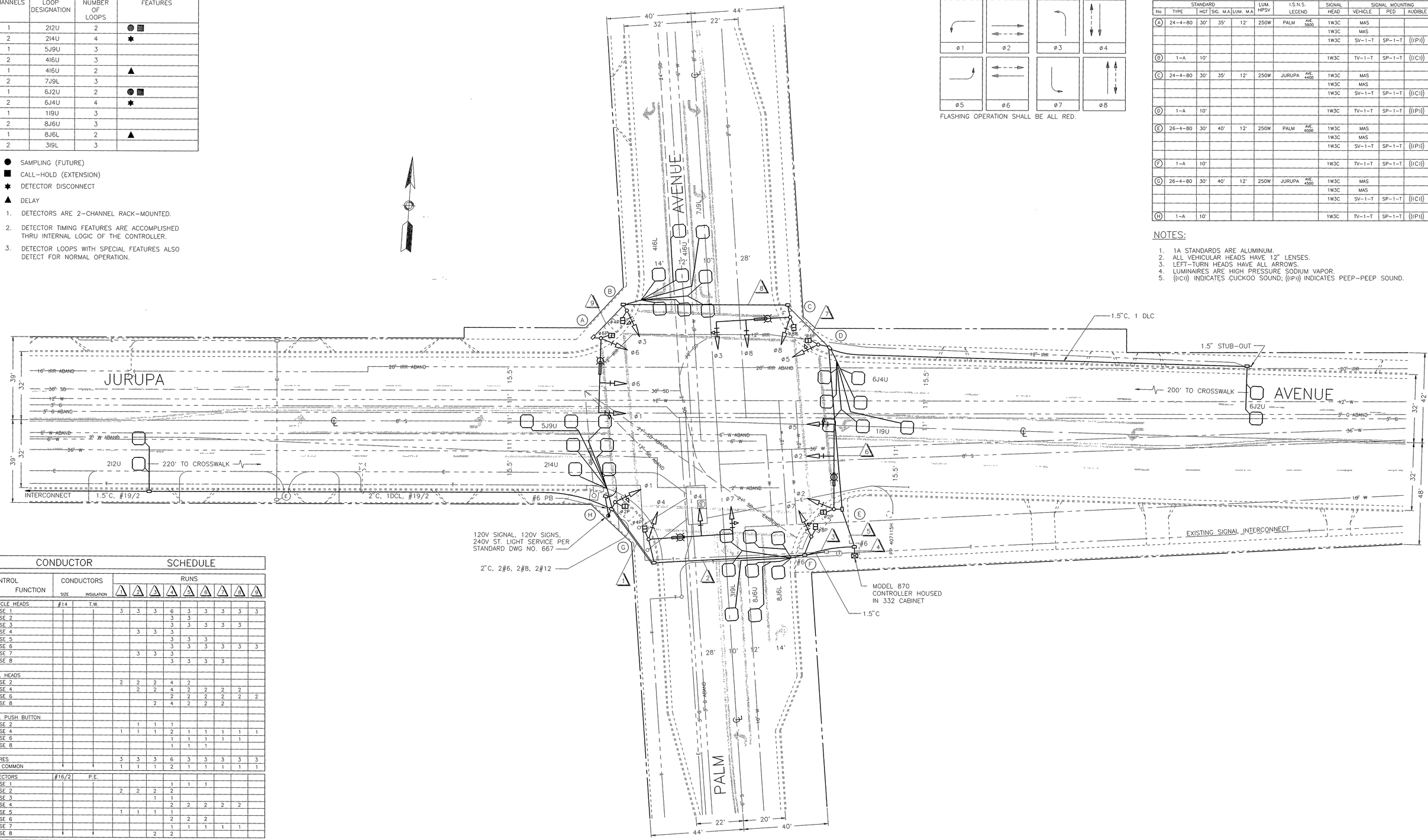
FLASHING OPERATION SHALL BE ALL RED.

EQUIPMENT SCHEDULE

No	STANDARD TYPE	HGT	SIG. M.A	LUM. M.A	LUM. HPSV	I.S.N.S. LEGEND	SIGNAL HEAD	SIGNAL MOUNTING VEHICLE	PED	AUDIBLE	PPB PHASE
(A)	24-4-80	30'	35'	12'	250W	PALM AVE. 5900	1W3C	MAS			
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	((IP))	4
(B)	1-A	10'					1W3C	TV-1-T	SP-1-T	((IC))	6
(C)	24-4-80	30'	35'	12'	250W	JURUPA AVE. 4400	1W3C	MAS			
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	((IC))	6
(D)	1-A	10'					1W3C	TV-1-T	SP-1-T	((IP))	8
(E)	26-4-80	30'	40'	12'	250W	PALM AVE. 6000	1W3C	MAS			
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	((IP))	8
(F)	1-A	10'					1W3C	TV-1-T	SP-1-T	((IC))	2
(G)	26-4-80	30'	40'	12'	250W	JURUPA AVE. 4500	1W3C	MAS			
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	((IC))	2
(H)	1-A	10'					1W3C	TV-1-T	SP-1-T	((IP))	4

NOTES:

1. 1A STANDARDS ARE ALUMINUM.
2. ALL VEHICULAR HEADS HAVE 12" LENSES.
3. LEFT-TURN HEADS HAVE ALL ARROWS.
4. LUMINAIRES ARE HIGH PRESSURE SODIUM VAPOR.
5. ((IC)) INDICATES CUCKOO SOUND; ((IP)) INDICATES PEEP-PEEP SOUND.



CONDUCTOR SCHEDULE

CONTROL FUNCTION	CONDUCTORS SIZE	INSULATION	RUNS 1	2	3	4	5	6	7	8	9
VEHICLE HEADS	#14	T.W.									
PHASE 1			3	3	3	6	3	3	3	3	3
PHASE 2						3	3				
PHASE 3						3	3	3	3	3	
PHASE 4				3	3	3					
PHASE 5						3	3	3			
PHASE 6						3	3	3	3	3	3
PHASE 7				3	3	3					
PHASE 8						3	3	3	3		
PED. HEADS											
PHASE 2			2	2	2	4	2				
PHASE 4				2	2	4	2	2	2	2	
PHASE 6						2	2	2	2	2	2
PHASE 8					2	4	2	2	2		
PED. PUSH BUTTON											
PHASE 2				1	1	1					
PHASE 4			1	1	1	2	1	1	1	1	1
PHASE 6						1	1	1	1	1	
PHASE 8						1	1	1			
SPARES			3	3	3	6	3	3	3	3	3
12V COMMON			1	1	1	2	1	1	1	1	1
DETECTORS	#16/2	P.E.									
PHASE 1							1	1			
PHASE 2			2	2	2	2					
PHASE 3					1	1					
PHASE 4						2	2	2	2	2	
PHASE 5			1	1	1	1					
PHASE 6						2	2	2			
PHASE 7						1	1	1	1	1	
PHASE 8					2	2					
I.I.S.N.S.	#12	T.W.		2	2		2	2	2	2	2
120V COMMON	#10	T.W.	1	1	1	2	1	1	1	1	1
LUMINAIRES	#8	T.H.W.		2	2		2	2	2	2	2
SIGNAL SERVICE	#6	T.H.W.		2	2	2					
INTERCONNECT (6 PR)	#19/2	P.E.	1	1	1	1					
TOTAL	#14	T.W.	10	19	21	54	33	28	24	19	13
	#12	T.W.		2	2		2	2	2	2	2
	#10	T.W.	1	1	2	1	1	1	1	1	1
	#8	T.H.W.		2	2		2	2	2	2	2
	#6	T.H.W.		2	2	2					
	#16/2	P.E.	3	3	6	12	6	6	3	3	
	#19/2	P.E.	1	1	1	1					
#14 EQUIV.			24	48	59	104	60	55	42	37	22
CONDUIT SIZE			2"	3"	3"	2-3"	3"	3"	2.5"	2.5"	2"

ENGINEER IN RESPONSIBLE CHARGE

RICHARD D. McGRATH
P.C.E. NO. 31952 EXPIRES _____

DATE _____

MARK	REVISIONS	APPR.	DATE
	SIGNALIZATION AS-BUILT	TRC	5/11/95

DESIGNED BY _____ DRAWN BY _____ CHECKED BY _____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
P.W. INSPECTION		
TRAFFIC DIVISION		
CHIEF P.W. ENGR.		
PUBLIC UTILITIES		

APPROVED BY _____
DIRECTOR OF PUBLIC WORKS

DATE _____

TRAFFIC SIGNAL

JURUPA AVENUE AND PALM AVENUE

SCALE: 1" = 20'

ACCT. NO. 30-576-318-07

X-218

SHEET 1 OF 1

FILE NAME: X218.DWG