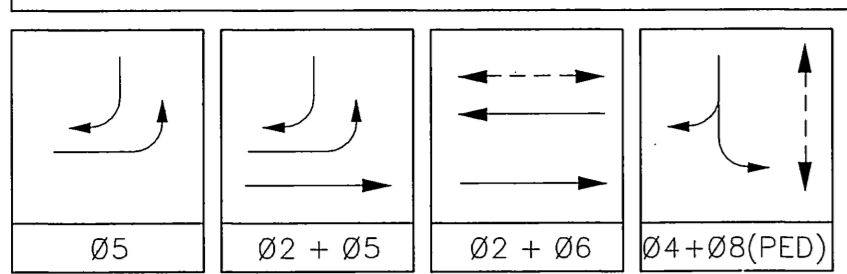
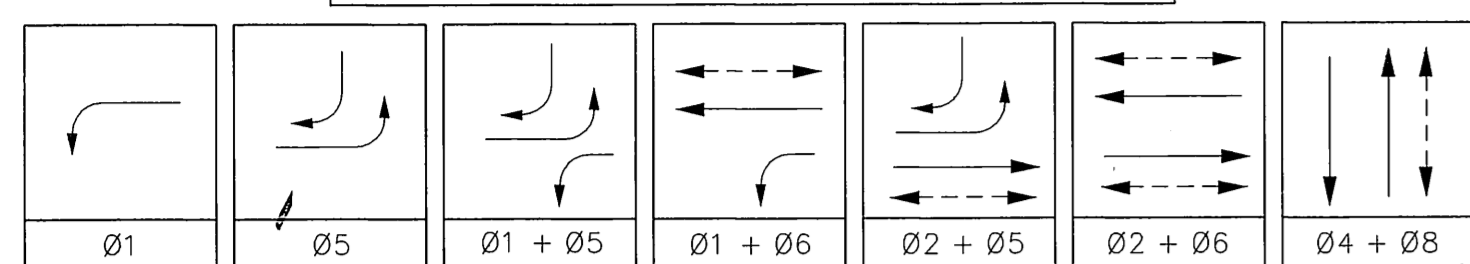


EXISTING PHASE DIAGRAM



PROPOSED PHASE DIAGRAM



EXIST. TYPE ØØ CONTROLLER HOUSED IN "Ø" CABINET. SEE SPECIAL PROVISIONS FOR CABINET ADDITIONS.

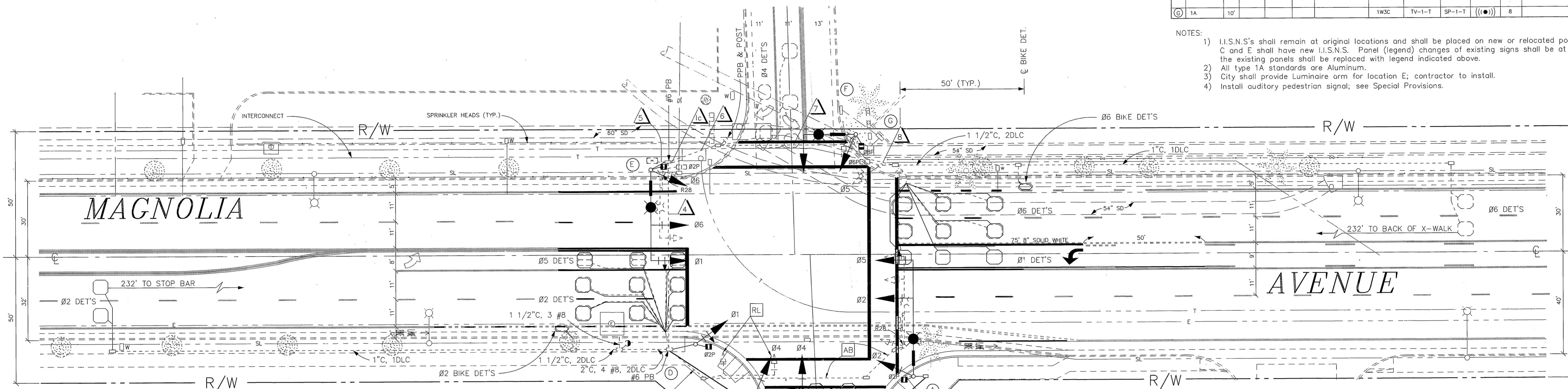
PAVEMENT DELINEATION

- Indicates striping and pavement markings to be installed.
- Indicates striping and pavement markings to remain.
- - - - Indicates striping and pavement markings to be removed.

STANDARD		LUM.		I.I.S.N.S.		SIGNAL MOUNTING		PPB		REMARKS	
No.	TYPE	HGT.	Ø	M.A.	LUM. M.A.	LEGEND	VEHICLE	PED	AUDIBLE	PHASE	
(A)	26A-4-80	30'	45'	15'	250W	Fifteenth Street 3700	1W3C	MAS			RL ALL EQUIP. TO LOC. E; PROVIDE & INSTALL NEW POLE AND EQUIP. SEE NOTE NO. 1 BELOW.
							1W3C	SV-1-T	SP-1-T	((●))	8
(B)	1A	7'									TP-1-T ((●)) 2
(C)	17A-4-80	30'	18'	15'	200W	Magnolia Ave 4500	1W3C	MAS			RL EQUIP. INDICATED TO LOC. F; RR PPB FROM ORIGINAL POLE AT LOC. A. INSTALL NEW POLE AND EQUIP. SEE NOTE NO. 1 BELOW.
							1W3C	SV-1-T		((●))	2
(D)	1A	10'					1W3C	TV-1-T	SP-1-T		
(E)	24-2-70	30'	35'	15'	250W	Community Hospital	1W3C	MAS			RR POLE AND EQUIP. FROM LOC. A. SEE NOTE NO. 1 BELOW.
							1W3C	SV-1-T	SP-1-T		
(F)	17A-2-70	30'	20'	15'	200W	Magnolia Ave 4450	1W3C	MAS			RR EQUIP. RR POLE & EQUIP. FROM LOC. C. INSTALL NEW PPB, PED. & VEHICLE HEAD & LUMINAIRE. See note No. 3 below.
							1W3C	SV-1-T	SP-1-T	((●))	6
(G)	1A	10'					1W3C	TV-1-T	SP-1-T	((●))	8

NOTES:

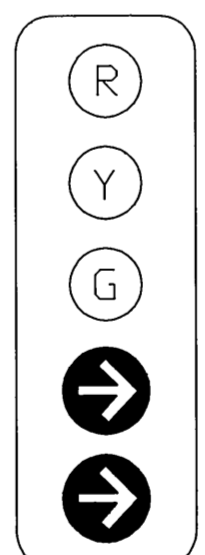
- I.I.S.N.S.'s shall remain at original locations and shall be placed on new or relocated pole. Locations C and E shall have new I.I.S.N.S. Panel (legend) changes of existing signs shall be at location A; the existing panels shall be replaced with legend indicated above.
- All type 1A standards are Aluminum.
- City shall provide Luminaire arm for location E; contractor to install.
- Install auditory pedestrian signal; see Special Provisions.



EXISTING SIGNAL & ST. NAME SIGN SERVICE & 240' W. ST. LIGHT SERVICE PER STD. DWG. # 667

See Plan 15-1081 for street light service.

PHASE 4 AND 5



EXISTING SIDE MOUNT INDICATION LOCATION (B)
RL TO NEW POLE

CONDUCTOR		TABLE																		
CONTROL FUNCTION	CONDUCTORS I.M.S.A./SIZE	INSULATION	CONDUIT RUNS																	
			1	2	3	4	7	2	2	1										
VEHICLE AND PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES AND COMMONS	12	P.E.																		
	9																			
	5																			
	3		3	6	9	9	18	9	6	3										

DETECTOR CABLE	#16/2	P.E.									
PHASE 1							1	1	1		
PHASE 2						3	3				
PHASE 2 BIKE						1	1				
PHASE 3								2	2		
PHASE 4								1	1		
PHASE 5								3	3	3	3
PHASE 6								1	1	1	1
PHASE 6 BIKE											
PHASE 7											
PHASE 8											

TOTALS	#16/2	P.E.		2	2	7	14	7	5	5	
--------	-------	------	--	---	---	---	----	---	---	---	--

INTERCONNECT CABLE	#19	P.E.									1
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I.I.S.N.S.	#12	T.W.	2	2	2	2		2	2		
LUMINAIRES	#8	T.H.W.	2	2	2	2		2	2		
SIGNAL SERVICE	#6	T.W.			2	2					

CONDUIT SIZE		2"	2.5"	3"	3"	2-3"	2.5"	2"	2"	2"
		(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)

See contract Special Provisions for additional information on I.M.S.A. System shall have all new conductors and cables.

GENERAL NOTES

- Detector loops shall be installed in the presence of the Traffic Engineer or his representative.
- Typical detector loop spacing: 10', 15', and 30' (where applicable).
- Pavement delineation shown hereon is for reference only; work shall be performed by city forces.
- This plan accurate for electrical work only, see plan R-1876 for street improvements.



ENGINEER IN RESPONSIBLE CHARGE
Richard D. McGrath
R.C.E. No. 31952 expires 12-31-96
DATE 2-11-93

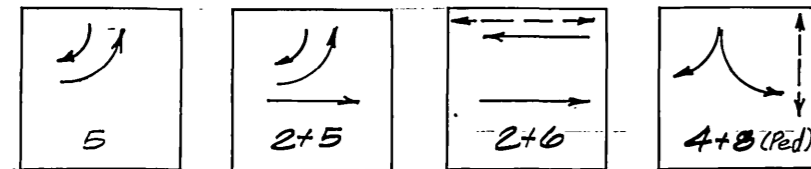
DESIGNED BY	DW	DRAWN BY	JBC	CHECKED BY	
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CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	
APPROVED BY	DATE
PRINCIPAL ENGINEER	2/11/93
P.W. INSPECTION	2/11/93
TRAFFIC DIVISION	2/11/93
CHIEF P.W. ENGR.	2/11/93
PUBLIC UTILITIES	2/11/93
STREET SERVICES	2/11/93

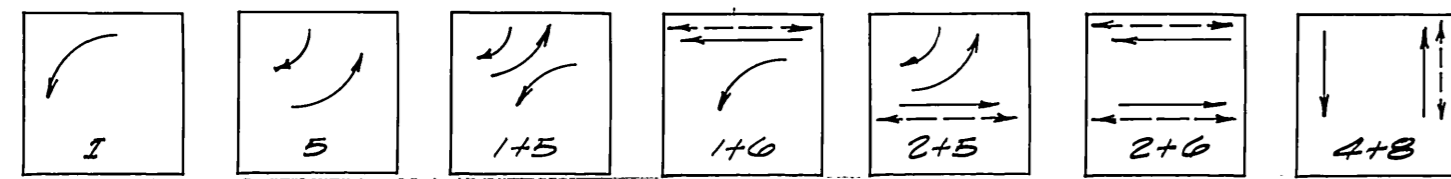
TRAFFIC SIGNAL REVISIONS
MAGNOLIA AVENUE AND FIFTEENTH STREET
HORIZ. SCALE: 1" = 20'

ACCT. NO. 30-575-395-07
X-209
SHEET 1 OF 1
FILE NO.

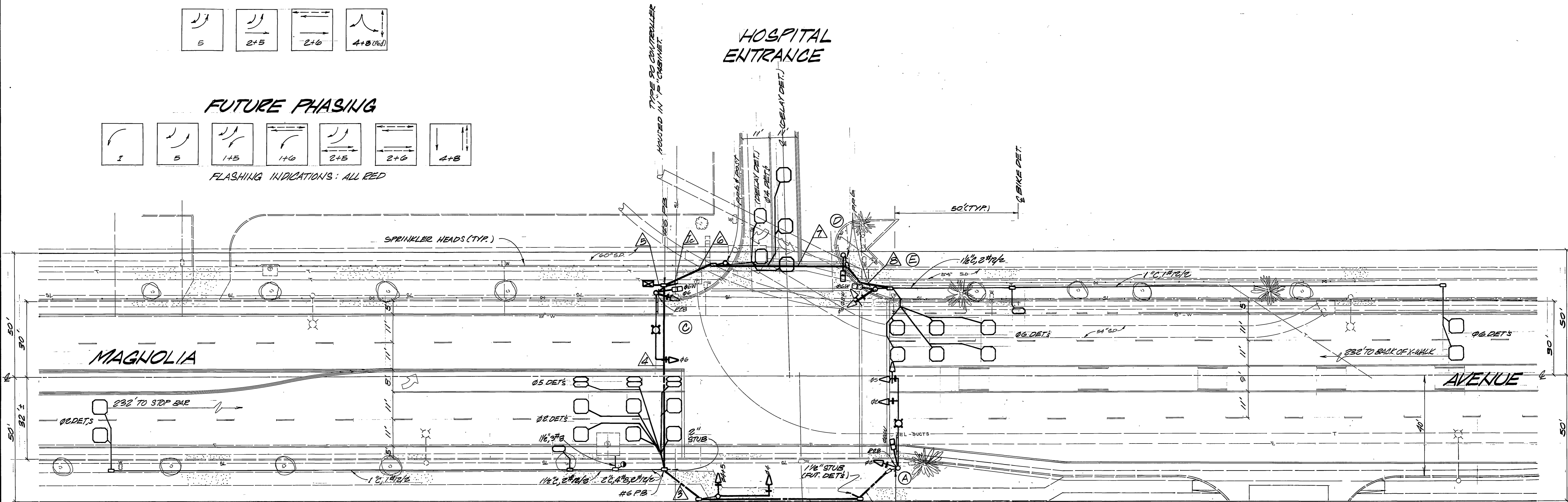
PHASE DIAGRAM



FUTURE PHASING



FLASHING INDICATIONS: ALL RED



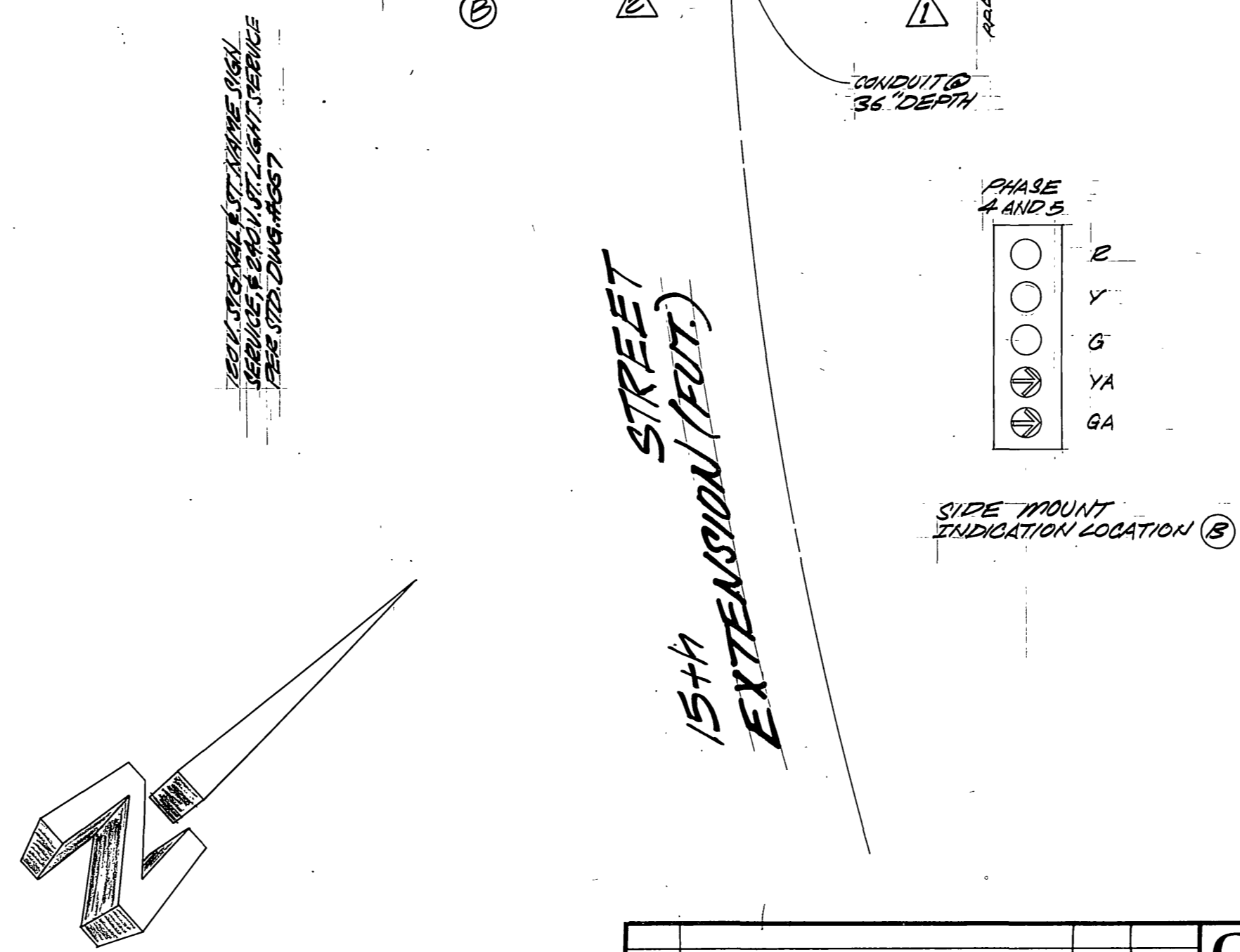
CONDUCTOR SCHEDULE

CONTROL FUNCTION	CONDUCTORS SIZE INSULATION	CONDUIT RUN																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VEHICLE HEADS (FUTURE) #1	#14 THW																				
VEHICLE HEADS (FUTURE) #2	#14 THW																				
VEHICLE HEADS (FUTURE) #3	#14 THW																				
VEHICLE HEADS (FUTURE) #4	#14 THW																				
VEHICLE HEADS (FUTURE) #5	#14 THW																				
VEHICLE HEADS (FUTURE) #6	#14 THW																				
VEHICLE HEADS (FUTURE) #7	#14 THW																				
VEHICLE HEADS (FUTURE) #8	#14 THW																				
VEHICLE HEADS (FUTURE) #9	#14 THW																				
VEHICLE HEADS (FUTURE) #10	#14 THW																				
VEHICLE HEADS (FUTURE) #11	#14 THW																				
VEHICLE HEADS (FUTURE) #12	#14 THW																				
VEHICLE HEADS (FUTURE) #13	#14 THW																				
VEHICLE HEADS (FUTURE) #14	#14 THW																				
VEHICLE HEADS (FUTURE) #15	#14 THW																				
VEHICLE HEADS (FUTURE) #16	#14 THW																				
VEHICLE HEADS (FUTURE) #17	#14 THW																				
VEHICLE HEADS (FUTURE) #18	#14 THW																				
VEHICLE HEADS (FUTURE) #19	#14 THW																				
VEHICLE HEADS (FUTURE) #20	#14 THW																				
TOTALS	#14 THW	13	13	16	16	41	16	16	10												
(EQUIV. #14)		(125)	(125)	(305)	(401)	(901)	(302)	(305)	(165)												
CONDUIT SIZE		2"	2"	2"	3"	2 1/2"	2 1/2"	2"	2"												

EQUIPMENT SCHEDULE

LOCATION	STANDARD	VEHICLE HEADS			PEDESTRIAN HEADS			LUMINAIRE WATTAGE	INT ILLUM STREET NAME SIGN	REMARKS
		HEAD	MOUNTING	BACK-PLATE	HEAD	MOUNTING	PPB			
A	2AA-2-70 15LA, 35SA	1W30 (18") 1W30 (18") 1W30	MAS MAS SV-1-T	1 1 1	1W20	SP-1-T	1	250W.	COMMUNITY HOSPITAL	05 vehicle head all arrows
B	17A-2-70 15LA, 20SA	1W30 (18") 1W50 (18")	MAS SV-1-T	1 1				250W.		
C	7A-2-70 15LA, 20SA	1W30 (18") 1W30	MAS SV-1-T	1 1	1W20	SP-1-T	1	250W.	COMMUNITY HOSPITAL	
D	1A (7")				1W20	TR-1-T	1			
E	1A (10")	1W30 2 1/2" 12" GA	TR-1-T	1	1W20	SP-1-T	1			

NOTE: DETECTOR UNITS FOR PHASES 2 AND 6 ADVANCE DETECTOR LOOPS HAVE "CALL HOLD" TRIPPING FEATURE (0-7 SEC. MIN.)



CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED: *[Signature]* DATE: 11/19/02
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P. W. ENGINEER

DESIGNED BY: *[Signature]* DRAWN BY: *[Signature]* CHECKED BY: *[Signature]*

TRAFFIC SIGNAL

**FIFTEENTH STREET,
HOSPITAL ENTRANCE
AND MAGNOLIA AVENUE**

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 10'

ACCOUNT NO. **X-209**

SHEET **1** OF **1**