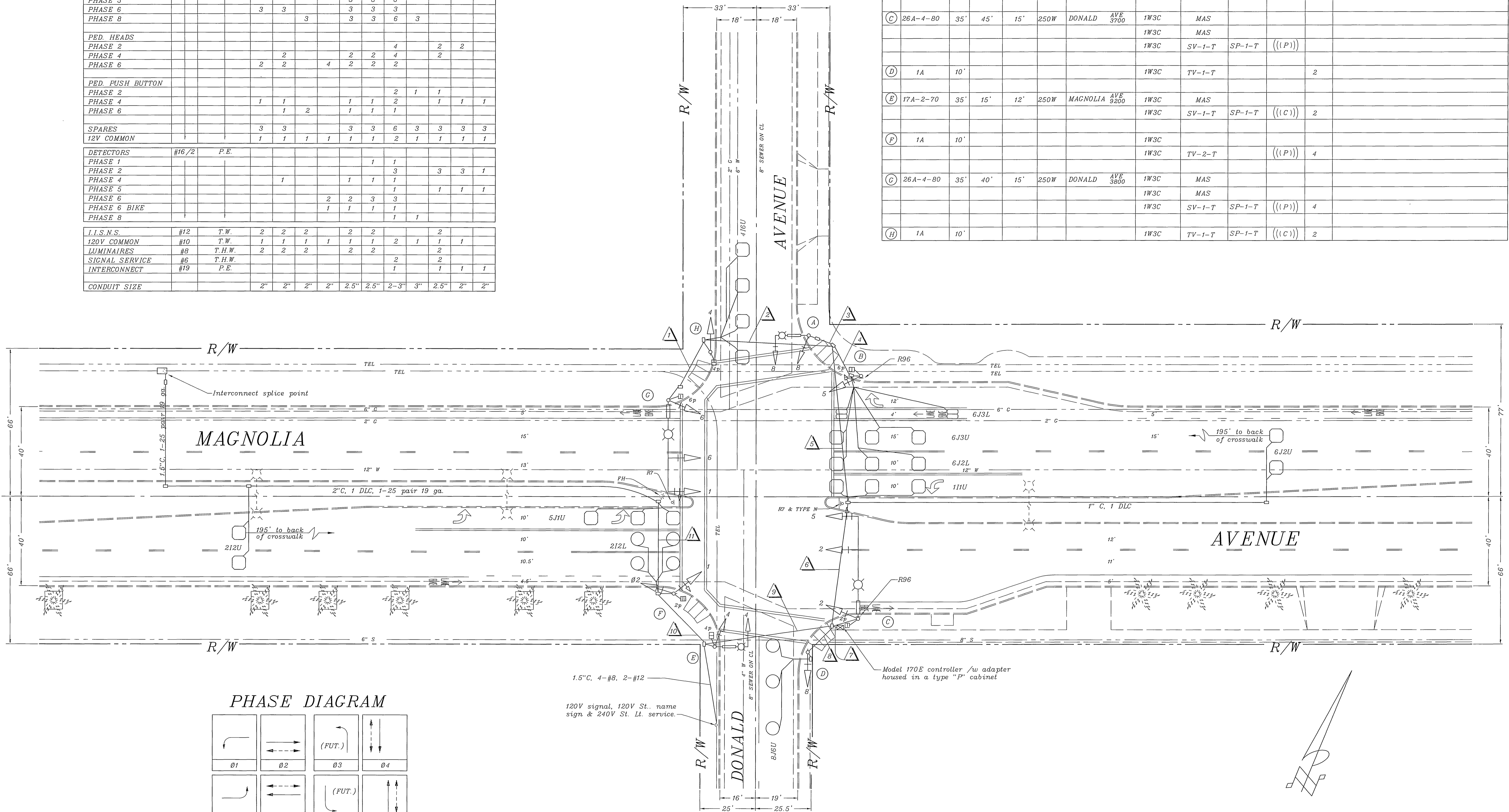


CONDUCTOR SCHEDULE

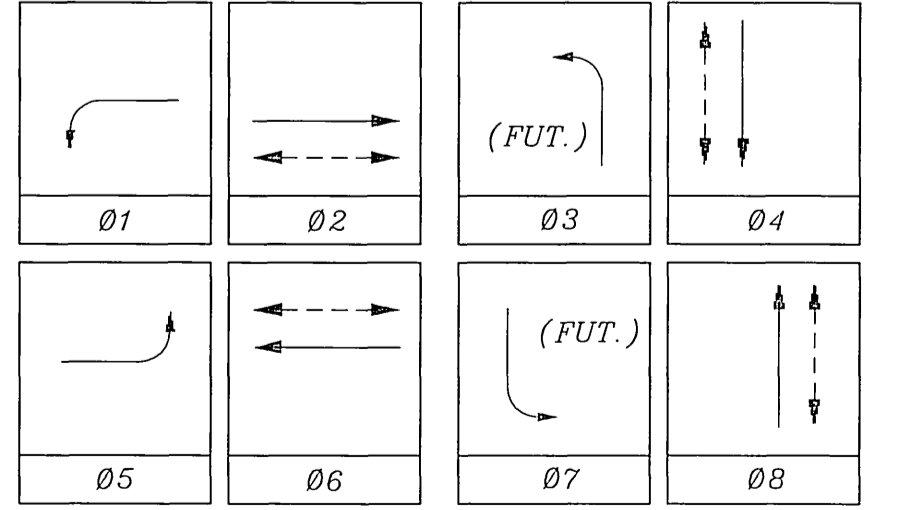
CONTROL FUNCTION	CONDUCTORS		RUNS										
	SIZE	INSULATION	1	2	3	4	5	6	7	8	9	10	11
VEHICLE HEADS	#14	T.W.											
PHASE 1			3	3			3	3	6		3	3	
PHASE 2									6		3	3	
PHASE 4				3			3	3	6		3		
PHASE 5							3	3	6				
PHASE 6			3	3			3	3	3				
PHASE 8					3		3	3	6	3			
PED. HEADS													
PHASE 2									4		2	2	
PHASE 4				2			2	2	4		2		
PHASE 6			2	2			4	2	2	2			
PED. PUSH BUTTON													
PHASE 2									2	1	1		
PHASE 4			1	1			1	1	2		1	1	1
PHASE 6			1	1	2		1	1	1				
SPARES			3	3			3	3	6	3	3	3	3
12V COMMON			1	1	1	1	1	1	2	1	1	1	1
DETECTORS	#16/2	P.E.											
PHASE 1									1	1			
PHASE 2									3		3	3	1
PHASE 4				1			1	1	1				
PHASE 5									1		1	1	1
PHASE 6							2	2	3	3			
PHASE 6 BIKE				1	1		1	1	1				
PHASE 8									1	1			
I.I.S.N.S.	#12	T.W.	2	2	2		2	2			2		
120V COMMON	#10	T.W.	1	1	1	1	1	1	2	1	1	1	
LUMINAIRES	#8	T.H.W.	2	2	2		2	2			2		
SIGNAL SERVICE	#6	T.H.W.							2		2		
INTERCONNECT	#19	P.E.							1		1	1	1
CONDUIT SIZE			2"	2"	2"	2"	2.5"	2.5"	2-3"	3"	2.5"	2"	2"

POLE SCHEDULE

No.	TYPE	STANDARD			LUM. HPSV	I.I.S.N.S. LEGEND	SIGNAL HEAD	SIGNAL MOUNTING			PPB PHASE	REMARKS
		HGT.	SIG. M.A.	LUM. M.A.				VEHICLE	PED.	AUDIBLE		
(A)	17-2-70	30'	15'	12'	250W	MAGNOLIA AVE 9100	1W3C	MAS			6	
							1W3C	SV-1-T				
(B)	1A	10'					1W3C	TV-1-T	SP-1-T	((P))		
(C)	26A-4-80	35'	45'	15'	250W	DONALD AVE 3700	1W3C	MAS				
							1W3C	MAS				
							1W3C	SV-1-T	SP-1-T	((P))		
(D)	1A	10'					1W3C	TV-1-T			2	
(E)	17A-2-70	35'	15'	12'	250W	MAGNOLIA AVE 9200	1W3C	MAS				
							1W3C	SV-1-T	SP-1-T	((C))	2	
(F)	1A	10'					1W3C	TV-2-T		((P))	4	
							1W3C	TV-2-T				
(G)	26A-4-80	35'	40'	15'	250W	DONALD AVE 3800	1W3C	MAS				
							1W3C	MAS				
							1W3C	SV-1-T	SP-1-T	((P))	4	
(H)	1A	10'					1W3C	TV-1-T	SP-1-T	((C))	2	



PHASE DIAGRAM



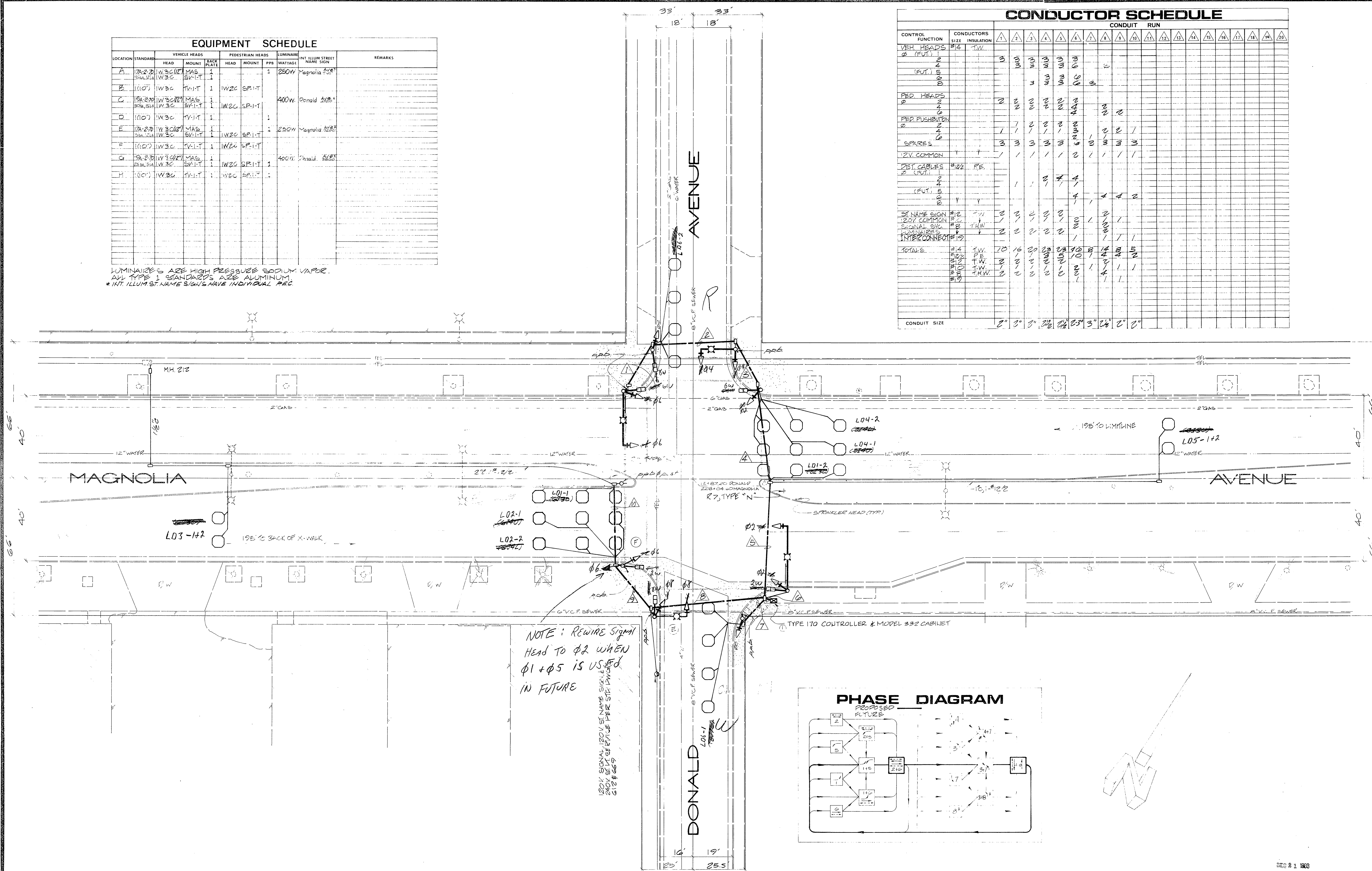
FLASHING OPERATION SHALL BE ALL RED

AS-BUILT PER CONTR. REPLACE	MAC 10/00	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	TRAFFIC SIGNAL		ACCT. NO.
AS-BUILT PER CONT. TE-94-3	MAC 10/00		MAGNOLIA AVENUE AND DONALD AVENUE		X-307
AS-BUILT PER R-3307	MAC 2/96		SHEET 1 OF 1		FILE NAME: X307AS.DWG
AS-BUILT PER SYS. BETTER	MAC 2/96		SCALE: 1" = 20'		
AS-BUILT PER SIGNALIZATION	MHL 12/81				
CHANGED CONTROLLER CABINET	BC 4/81				
MARK REVISIONS	APPR. DATE	APPROVED BY	BY	DATE	
DESIGNED BY: JMW	DRAWN BY: TRC	CHECKED BY:			

EQUIPMENT SCHEDULE										
LOCATION	STANDARD	VEHICLE HEADS			PEDESTRIAN HEADS			LUMINAIRE WATTAGE	INT. ILLUM. STREET NAME SIGN	REMARKS
		HEAD	MOUNT	BACK PLATE	HEAD	MOUNT	PPB			
A	17A-27	1W3C(12)	MAS	1	1W2C	SP-1-T	1	250W	Magnolia Ave	
B	17A-27	1W3C	TV-1-T	1	1W2C	SP-1-T	1	250W	Magnolia Ave	
C	17A-27	1W3C(12)	MAS	1	1W2C	SP-1-T	1	400W	Donald Ave	
D	17A-27	1W3C	TV-1-T	1	1W2C	SP-1-T	1	250W	Magnolia Ave	
E	17A-27	1W3C(12)	MAS	1	1W2C	SP-1-T	1	250W	Magnolia Ave	
F	17A-27	1W3C	TV-1-T	1	1W2C	SP-1-T	1	250W	Magnolia Ave	
G	17A-27	1W3C(12)	MAS	1	1W2C	SP-1-T	1	400W	Donald Ave	
H	17A-27	1W3C	TV-1-T	1	1W2C	SP-1-T	1	250W	Magnolia Ave	

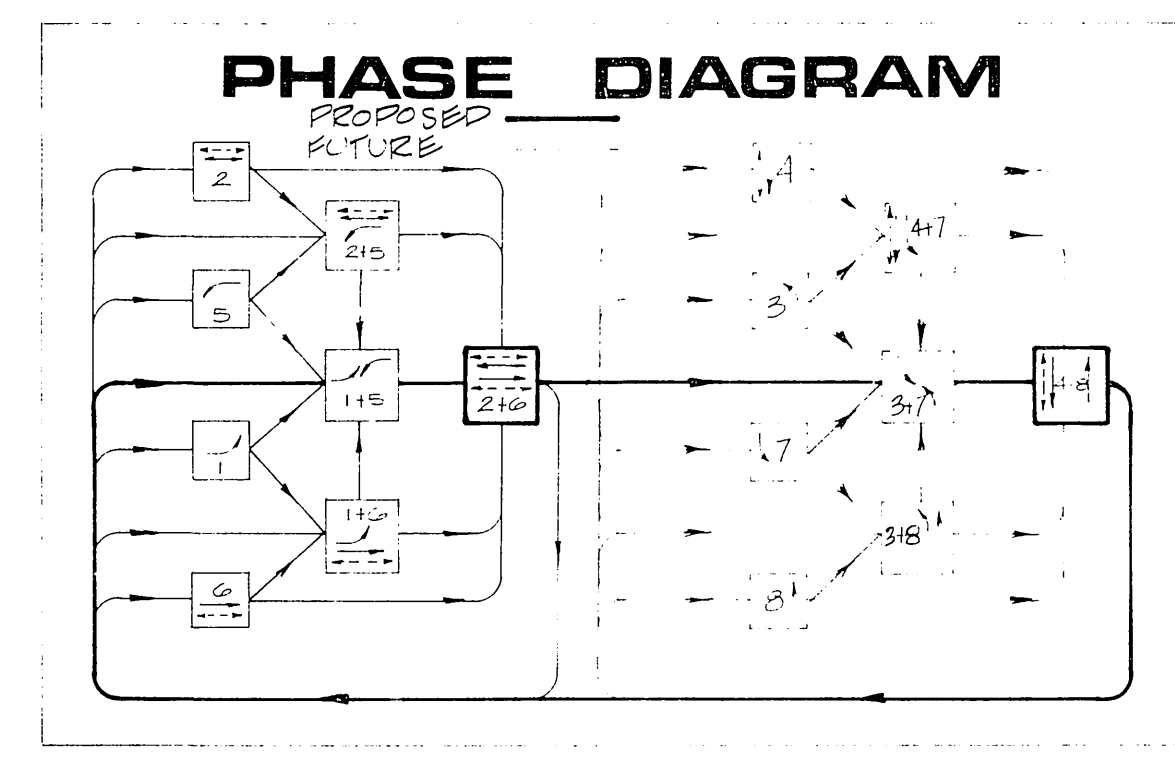
LUMINAIRE'S ARE HIGH PRESSURE SODIUM VAPOR.  
 ALL TYPE 1 STANDARDS ARE ALUMINUM.  
 \*INT. ILLUM. ST. NAME SIGNS HAVE INDIVIDUAL REC.

CONTROL FUNCTION		CONDUCTORS		CONDUIT RUN																			
SIZE	INSULATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
VEH HEADS	PH	TW																					
(FUT.)			3	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000		
PED HEADS	PH	TW																					
(FUT.)			2	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000		
PED PUSHBUTTON	PH	TW																					
(FUT.)			2	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000		
SPARES	PH	TW																					
(FUT.)			3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
12V. COMMON	PH	TW																					
(FUT.)			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
12V. CABLES	PH	TW																					
(FUT.)			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
ST. NAME SIGN	PH	TW																					
(FUT.)			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
120V. COMMON	PH	TW																					
(FUT.)			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
SIGNAL SW	PH	TW																					
(FUT.)			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
LUMINAIRE	PH	TW																					
(FUT.)			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
INT. ILLUM. SIGN	PH	TW																					
(FUT.)			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
TOTALS	PH	TW	10	16	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20		
CONDUIT SIZE			2"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"		



NOTE: Rewire signal head to φ2 when φ1 + φ5 is used in future

120V SIGNAL 120V ST. NAME SIGN 240V SPLIT PHASE PER STD. DIV. 612 & 669



<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		TRAFFIC SIGNALS <b>Magnolia Avenue</b> <b>Donald Avenue</b>		ACCOUNT NO. 30-576-377-07 <b>X-307</b> SHEET SIX OF 50 FILE NO.
APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGINEER TRAFFIC UTILITIES	APPROVED BY PUBLIC WORKS DIRECTOR DATE	DESIGNED BY: <i>SP</i> DRAWN BY: <i>AM</i> CHECKED BY: <i>CS</i>	REVISIONS 1. CHANGED CONTROLLER & CABINET 2.	DATE: 12/13/13 4/10/14 5/14/13 11/13

DEC 21 1983