CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS 1	2	3	4	5	6	7	8	9
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA	1	2	3	4	5	8	1	2	8
	3 WIRE IMSA		1	1	2	2	4	1	1	4
DETECTOR CABLE	#16/2									
PHASE 1							1		1	1
PHASE 3						1	1			1
PHASE 4		2	2	2	2	2	2			2
PHASE 6							2		2	2
PHASE 7		1	1	1	1	1	1			1
PHASE 8						2	2			2
TOTAL		3	3	3	3	6	9		3	9
PHASE 2 & 5 VIDEO CONTROL	COAXIAL CABLE						1			1
VIDEO POWER	POWER CABLE						1			1
VEHICLE PREEMPTION	#20		1	1	2	2	4	1	1	4
I.I.S.N.S.	#12		2	2	2	2		2	2	
LUMINAIRES	#8		2	2	2	2		2	2	
SIGNAL SERVICE	#6						2			2
INTERCONNECT	6 PAIR #19					1	2			2
CONDUIT SIZE		2"(E)	2"(E)	3"(E)	3"(E)	3.5"(E)	2-3"(N) 2-2"(N)	2.5"(E)	2.5"(E)	2-3.5"(N)

NOTE:
1. SIGNAL SYSTEM SHALL HAVE NEW CABLES AND CONDUCTORS.
2. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE. (E) = EXISTING (N) = NEW

* VIDEO COAXIAL CABLE SHALL BE BELDON 8281 AND VIDEO POWER CABLE SHALL BE: 3 #12 CONDUCTORS (ONE COLOR EACH, BLACK, WHITE AND GREEN)

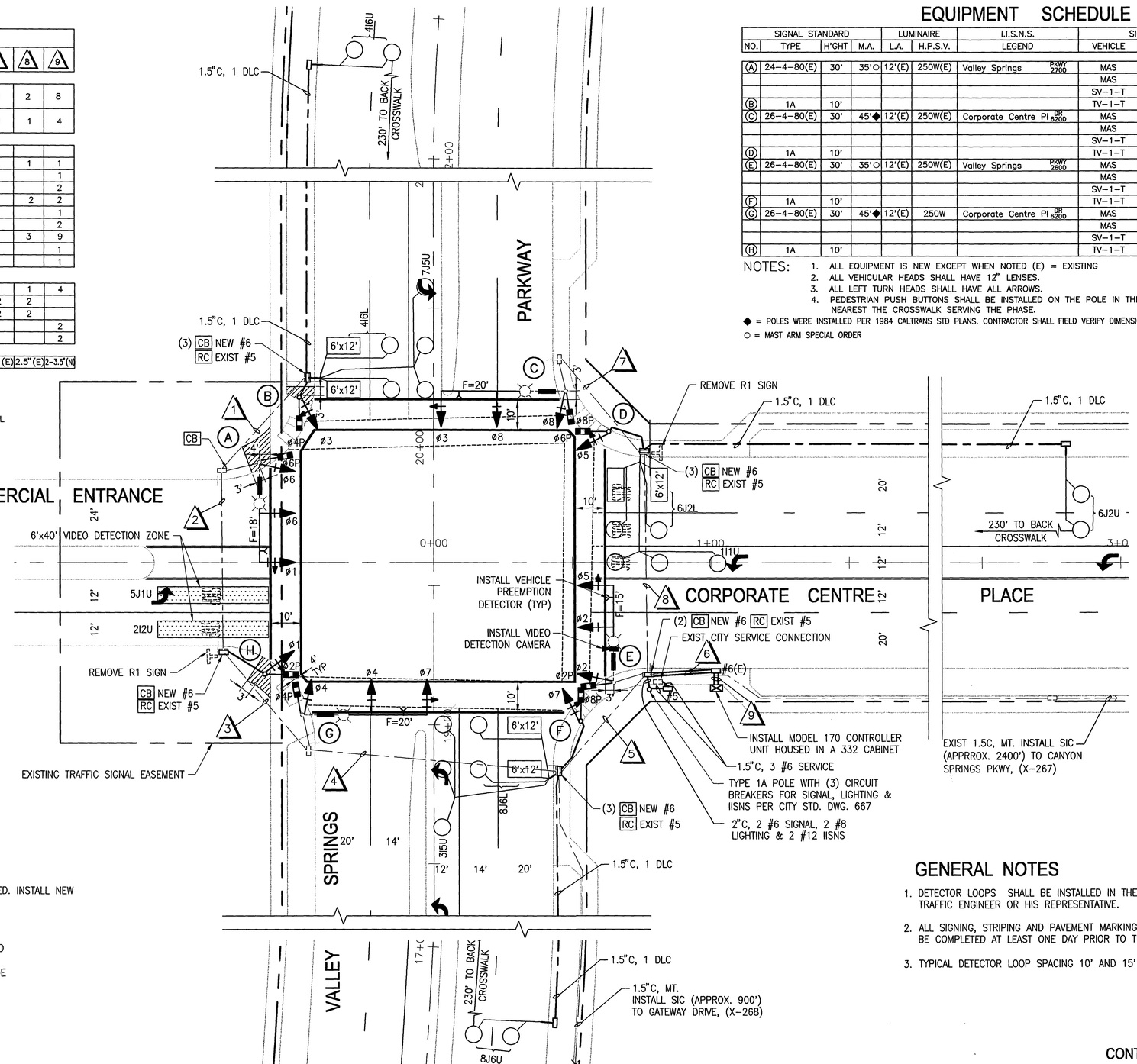
EQUIPMENT SCHEDULE

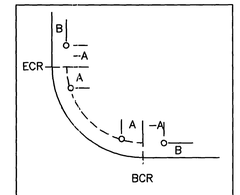
NO.	SIGNAL STANDARD TYPE	H'GHT	M.A.	LUMINAIRE L.A.	H.P.S.V.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS VEHICLE	PEDESTRIAN	AUDIBLE	PPB PHASE	POLE LOCATION A	B
(A)	24-4-80(E)	30'	35'○	12'(E)	250W(E)	Valley Springs PKWY 2700	MAS			4	EXISTING	
							MAS					
							SV-1-T	SP-1-T				
(B)	1A	10'					TV-1-T	SP-1-T		6	6'	5'
(C)	26-4-80(E)	30'	45'◆	12'(E)	250W(E)	Corporate Centre Pl DR 6200	MAS			6	EXISTING	
							MAS					
							SV-1-T	SP-1-T				
(D)	1A	10'					TV-1-T	SP-1-T		8	14'	5'
(E)	26-4-80(E)	30'	35'○	12'(E)	250W(E)	Valley Springs PKWY 2600	MAS			8	EXISTING	
							MAS					
							SV-1-T	SP-1-T				
(F)	1A	10'					TV-1-T	SP-1-T		2	16'	5'
(G)	26-4-80(E)	30'	45'◆	12'(E)	250W	Corporate Centre Pl DR 6200	MAS			2	EXISTING	
							MAS					
							SV-1-T	SP-1-T				
(H)	1A	10'					TV-1-T	SP-1-T		4	17'	5'

NOTES:
1. ALL EQUIPMENT IS NEW EXCEPT WHEN NOTED (E) = EXISTING
2. ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
3. ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
4. PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.

◆ = POLES WERE INSTALLED PER 1984 CALTRANS STD PLANS. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS PRIOR TO ORDERING NEW SMA TO BE INSTALLED ON THIS PLAN.

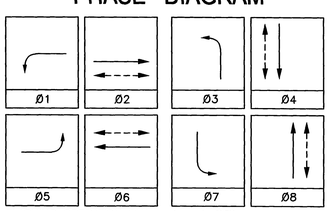
○ = MAST ARM SPECIAL ORDER





POLE LOCATION DETAIL
N.T.S.

PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.

PAVEMENT DELINEATION

- INDICATES STRIPING AND PAVEMENT MARKINGS TO BE INSTALLED. INSTALL NEW CROSSWALK PER DIMENSION SHOWN FROM EXISTING POLE
- INDICATES STRIPING AND PAVEMENT MARKINGS TO REMAIN
- INDICATES STRIPING AND PAVEMENT MARKINGS TO BE REMOVED
- INDICATES 4" PCC SIDEWALK. MATCH EXISTING SIDEWALK GRADE

GENERAL NOTES

1. DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
2. ALL SIGNING, STRIPING AND PAVEMENT MARKING REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
3. TYPICAL DETECTOR LOOP SPACING 10' AND 15' (WHERE APPLICABLE).

CONTRACT TE-03-03

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number call
CALL TOLL FREE
TWO WORKING DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
1-800-227-2600

ENGINEER IN RESPONSIBLE CHARGE
STEVEN B. FRIESON
R.C.E. No. 42110 expires 3/31/06
DATE April 20, 04

REGISTERED PROFESSIONAL ENGINEER STEVEN B. FRIESON No. C042110 Exp. 3/31/06 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY TZ DRAWN BY KT CHECKED BY SBF

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		4/27/04
TRAFFIC DIVISION		4/26/04
PUBLIC UTILITIES		4/27/04

APPROVED BY CITY ENGINEER
DATE 4/27/04

TRAFFIC SIGNAL
VALLEY SPRINGS PKWY AND CORPORATE CENTRE PLACE
SCALE: 1" = 20'

ACCT. NO. 2390240 - 455023
X-269
SHEET 1 OF 1
FILE NAME: X269.DWG