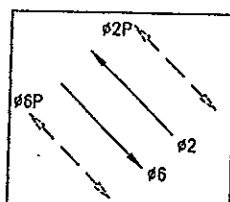


DETAIL NOTES:

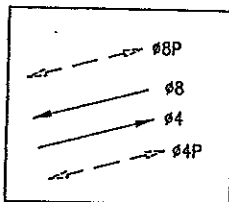
F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL F/I FUSE AND FUSE HOLDERS PER SPODWSF FILE #49,092.

POLE AND EQUIPMENT SCHEDULE										
POLE No.	TYPE OF POLE	LUMINAIRE (HPS) VOLTAGE/ WATTS	VEHICLE SIGNAL					PEDESTRIAN SIGNAL		
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING
①	16-1-70 W/ 8' MAST ARM		24	3S12"	MAS	T		28	1S-COUNT	SP-1
			21	3S8"	SV-1-T	T				
②	1-A (10')		42	3S8"	TV-1	T		89	1S-COUNT	SP-1
③	SL ⬡	120V/150W	41	3S12"	SV-1-T	RIGHT ANGLE		48	1S-COUNT	SP-1 (22")
④	16-1-70 W/ 8' MAST ARM		62	3S12"	MAS	T		29	1S-COUNT	SP-1
			64	3S12"	MAS	T				
⑤	16-1-70 W/ 8' MAST ARM		61	3S8"	SV-1-T	T				BACKPLATE
			61	3S8"	SV-1-T	T				
⑥	1-A (10')		82	3S8"	TV-1	T		49	1S-COUNT	SP-1 (22") ⚠
			68	3S8"	TV-1	T		68	1S-COUNT	
⑦	1-A (10')		81	3S12"	TV-1-T	RIGHT ANGLE		88	1S-COUNT	SP-1 (22")
⑧	16-1-70 W/ 8' MAST ARM		22	3S12"	MAS	T		69	1S-COUNT	SP-1

PHASE DIAGRAM:



PHASES 2, 6, 2P, & 6P



PHASES 4, 8, 4P, & 8P

PHASE SEQUENCE:

G	Y	R	COLUMBUS (Ⓜ2 & Ⓜ6)		
R		G	Y	R	FILBERT (Ⓜ4 & Ⓜ8)
WM	FRH	RH			PED XING FILBERT (Ⓜ2P & Ⓜ6P)
RH		WM	FRH	RH	PED XING COLUMBUS (Ⓜ4P & Ⓜ8P)

NOTE:
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED UNDER THIS LATEST REVISION NUMBER AS SHOWN IN THE TABLE OF REVISIONS LOCATED AT THE LOWER LEFT CORNER OF THE DRAWING. ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS. CHECK ALL ISSUED REVISIONS OF THIS DRAWING.

NO.	DATE	DESCRIPTION	BY	APP.
11/04	PCO #11 CHANGE PS MOUNTING FROM SP-1 TO SP-1 (22")	RP	BC	
02/04	PCO #4 MOVE PED SIGNALS	RP	BC	
9/02	ISSUED FOR BID	RP	BC	

TABLE OF REVISIONS
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION

REFERENCE INFORMATION & FILE NO. OF SURVEYS

BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO

DESIGNED: DATE: 9/02
DRAWN: DATE: 9/02
CHECKED: DATE: 9/02
BC

APPROVED: SECTION MANAGER DATE: DIVISION MANAGER DATE: CITY ENGINEER DATE:

SCALE: NONE
SHEET OF SHEETS

COLUMBUS AVENUE TRAFFIC SIGNAL UPGRADE

COLUMBUS AVE. AND FILBERT ST.

SPECIFICATION NO. 0481J
DRAWING NO. E-7.1
FILE NO. 80,028
REV. NO. 2