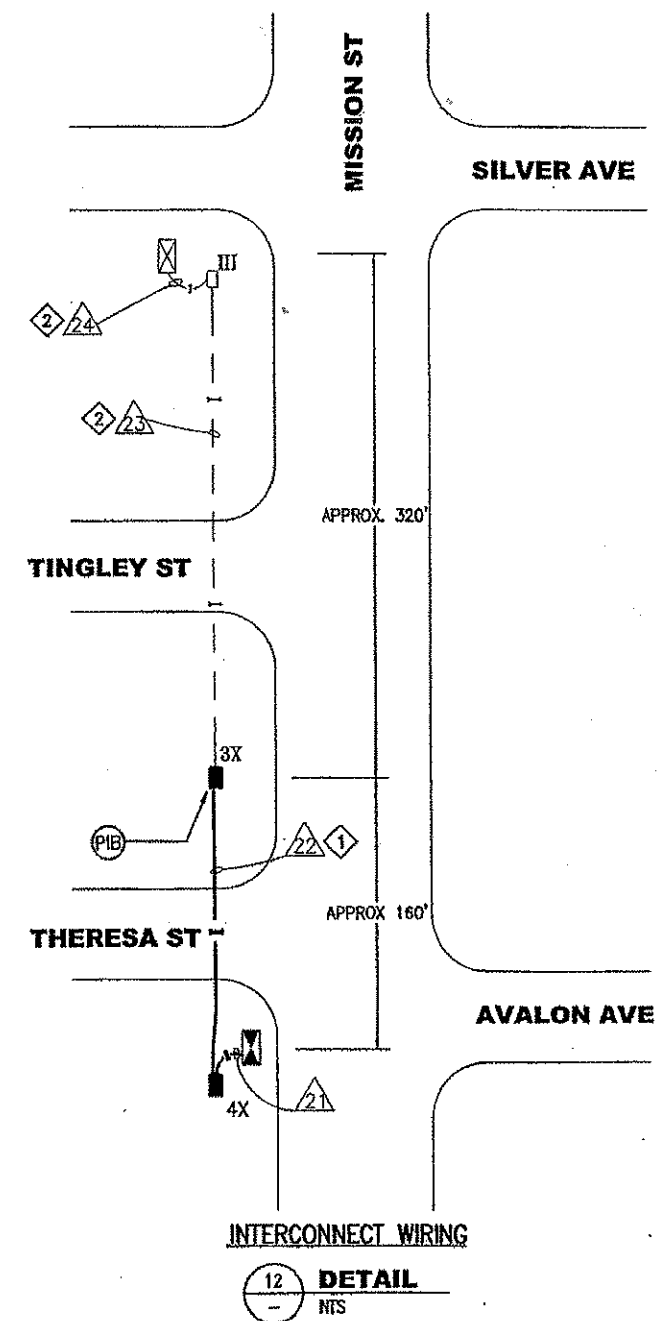
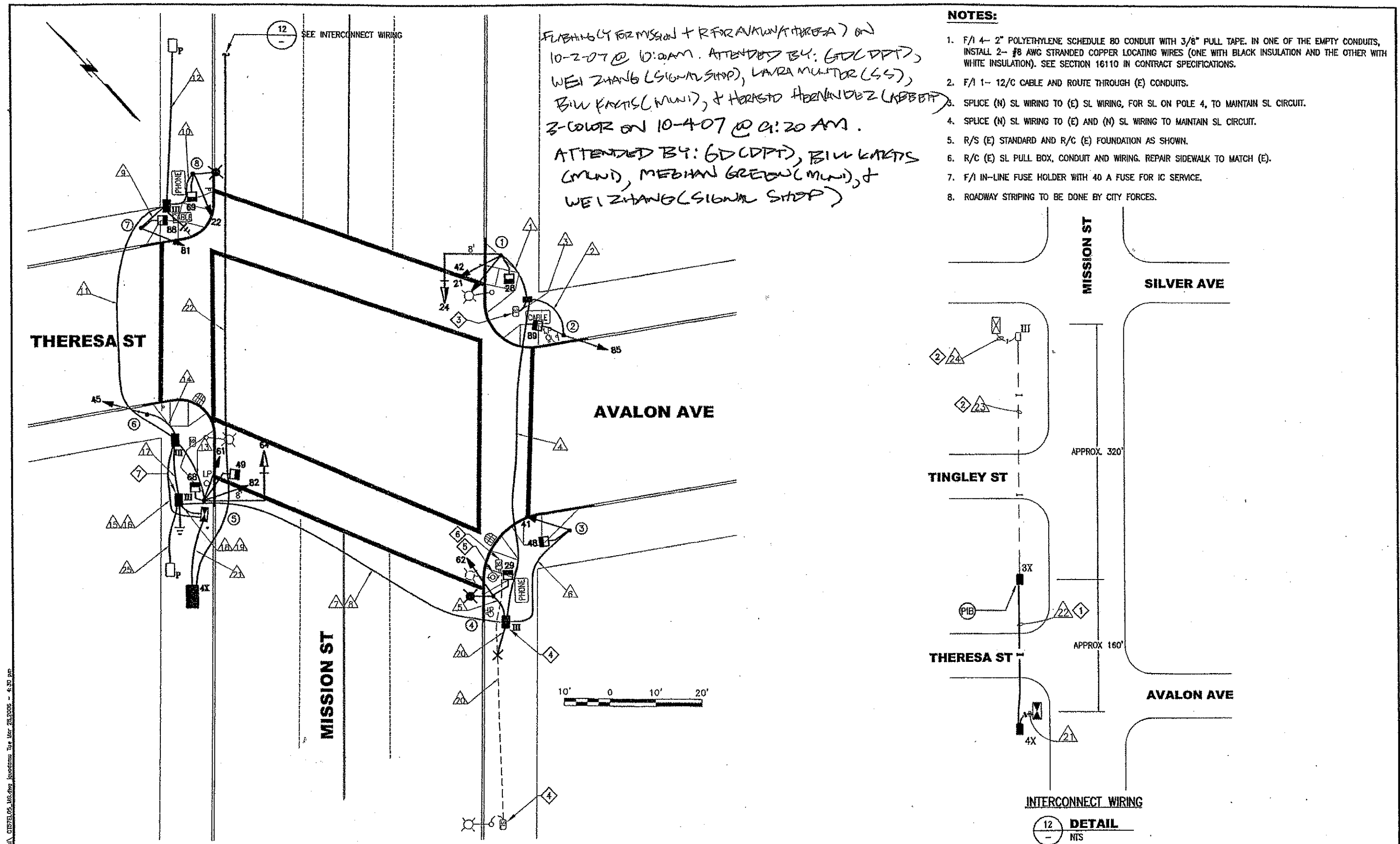




F:\Contract 57\Drawings\Electrical\GIS\EL05.MXD.dwg [Saved: Tue Mar 28, 2006 - 4:30 PM]

NO. DATE DESCRIPTION REVISIONS 1. 03/05/05 1217 NEW TRAFFIC SIGNALS PROJECT 57 2. 03/05/05 1217 TRAFFIC SIGNAL WORK MISSION ST & AVALON AVE/THERESA ST					CONTRACT 1217 DRAWING CL-NO EL-05 EL-13 0	
DESIGNED: [Signature] CHECKED: [Signature] REVIEWED: [Signature] APPROVED: [Signature] DATE: 03/05/05			CITY AND COUNTY OF SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY APPROVED: [Signature] for the DIRECTOR of TRANSPORTATION		PROFESSIONAL SEAL: [Seal] CITY AND COUNTY OF SAN FRANCISCO OFFICE OF THE CITY CLERK	

[illegible]

POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/WATTAGE	VEHICLE SIGNAL				PEDESTRIAN SIGNAL			REMARKS	
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE		MOUNTING
①	16-1-70 W/ 8' MASTARM		24 42 21	3512" 358" 358"	MAS SV-2-TC	T T T		28	1S-COUNT	SP-1	BP
②	1-A (10')		85	358"	TV-1	T		89	1S-COUNT	SP-1	
③	1-A (10')		41	358"	TV-1	T		48	1S-COUNT	SP-1	
④	SL	HPS 240V/150W 4	62	358"	SV-1-T	T		29	1S-COUNT	SP-1	
⑤	16-1-70 W/ 8' MASTARM		64 61 82	3512" 358" 358"	MAS SV-2-TC	T T T		49 68	1S-COUNT 1S-COUNT	SP-2-T-SF	BP
⑥	1-A (10')		45	358"	TV-1	T					
⑦	1-A (10')		81	358"	TV-1	T		88	1S-COUNT	SP-1	
⑧	SL	HPS 120V/160W 4	22	358"	SV-1-T	T		69	1S-COUNT	SP-1	

1. F/I 4- 2" POLYETHYLENE SCHEDULE 80 CONDUIT WITH 3/8" PULL TAPE. IN ONE OF THE EMPTY CONDUITS, INSTALL 2- #8 AWG STRANDED COPPER LOCATING WIRES (ONE WITH BLACK INSULATION AND THE OTHER WITH WHITE INSULATION). SEE SECTION 16110 IN CONTRACT SPECIFICATIONS.
2. F/I 1- 12/C CABLE AND ROUTE THOUGH (E) CONDUITS.
3. SEE GROUNDING LAYOUT ON EL-12, DETAIL 5 AND SECTION 16120 IN CONTRACT SPECIFICATIONS.
4. F/I WITH INTEGRAL BALLAST AND PHOTO-ELECTRIC CONTROL. F/I FUSE AND FUSE HOLDER PER SPDWSF 49,092.

The diagram illustrates the reduction of a system of four parallel forces. On the left, four vertical forces are shown acting on a horizontal line: an upward force of 6P, a downward force of 6, an upward force of 2, and a downward force of 2P. The distances between the lines of action are labeled as 6, 2, and 2. On the right, the equivalent system is shown: a single upward force of 8P and a clockwise couple of 8P, with a distance of 4 between the force and the couple's axis.

G		Y	R		MISSION ST
R			G	Y	R
WM	FRH	RH			PED XING AVALON AVE/THERESA ST
RH		WM	FRH	RH	PED XING MISSION ST

[illegible]

DESIGNED *[Signature]*
DRAWN *[Signature]*
CHECKED *[Signature]*
REVIEWED *[Signature]*
RECOMMENDED *[Signature]*
APPROVED *[Signature]*
DATE



APPROVED

for the DIRECTOR of TRANSPORTATION

CONDUIT, WIRING & EQUIPMENT SCHEDULES
MISSION ST & AVALON AVE/THERESA ST

CONTRACT		1217
DRAWING		CL-NO
EL-06	REGION	
EL-13	0	