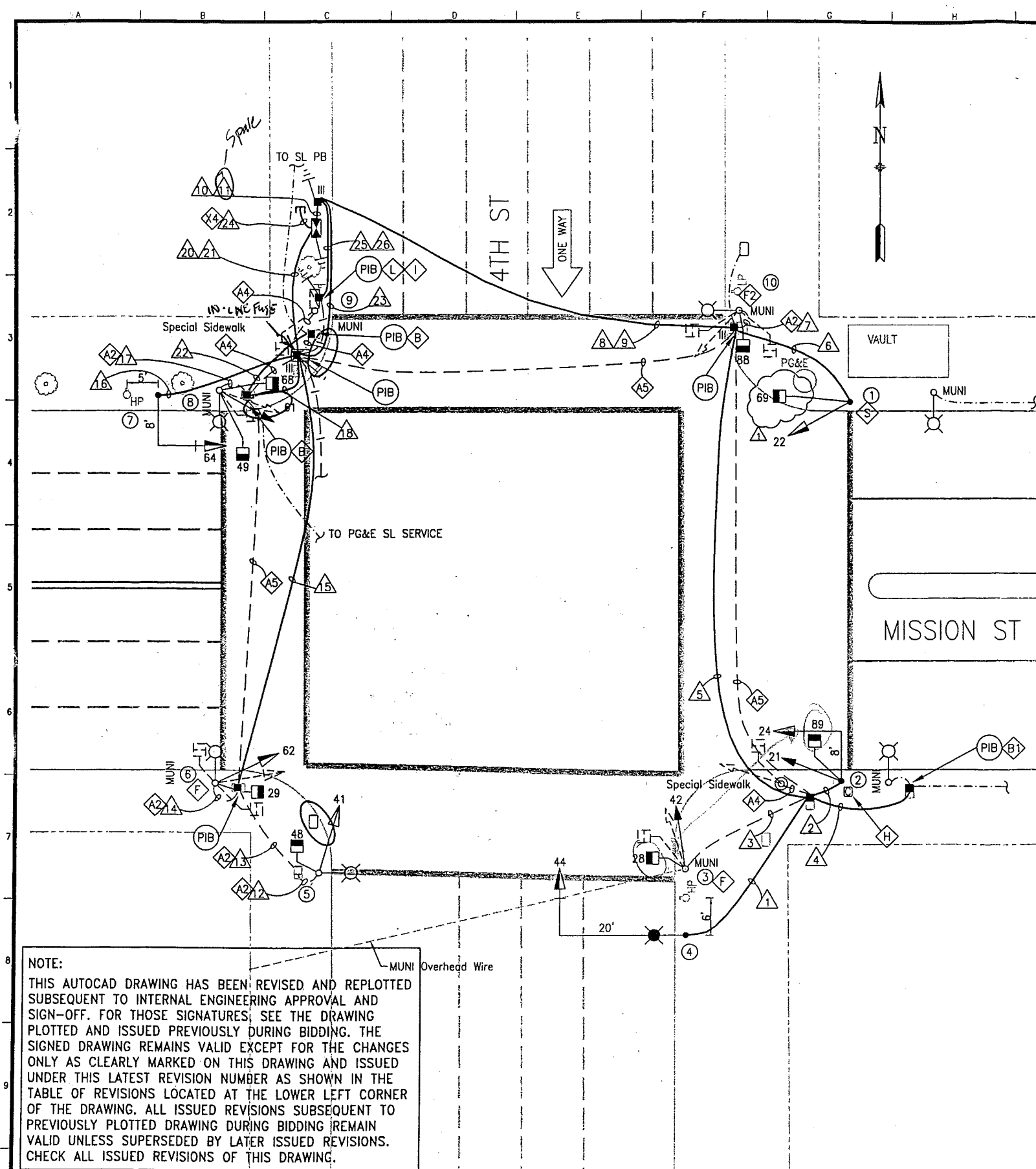
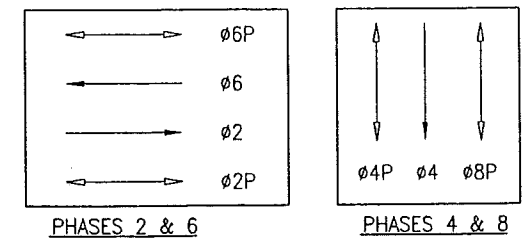




PHASE DIAGRAM:



PHASE SEQUENCE:

G		Y	R		MISSION ST.
R			G	Y	4TH ST.
WM	FRH		RH		PED XING 4TH ST.
RH		WM	FRH	RH	PED XING MISSION ST.

SHEET NOTES:

- NW & SE CORNERS HAVE A SPECIAL SIDEWALK. REPAIR SIDEWALK TO MATCH EX. PLEASE CONTACT, KEVIN MASUDA @749-2508 (SFRA) WALT PEDANO @442-6124 (MARRIOTT HOTEL)
- FOR BASEMENT ACCESS, PLEASE CONTACT, PG&E REPRESENTATIVE, ED LEE @ 695-3516 (NE CORNER).

SWITCH-OVER: 1-16-03
SIGNALLER FLASH: 9:15A
OR SHUT DOWN
3-Loop: 11:05A
ATTENDED BY: BDC

DETAIL NOTES:

- A2 EX CONDUIT AND WIRING. R/C EX TS WIRING. SL WIRING TO REMAIN. F/I NEW WIRING AS NOTED.
- A4 R/C EX WIRING AND CONDUIT. REPAIR SIDEWALK TO MATCH EX.
- A5 EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP OR DUCT SEAL END(S).
- B SPLICE NEW WIRING TO EX SL WIRING TO MAINTAIN SL CIRCUIT.
- B1 SPLICE NEW WIRING TO EX SL WIRING TO ACTIVATE NEW SL CIRCUIT.
- F VEHICLE AND PEDESTRIAN SIGNALS SHALL USE NEW EXTERNAL CONDUIT. SURFACE MOUNTED CONDUIT SHALL BE INSTALLED ON THE SIDE OPPOSITE THE ROADWAY OR INTERSECTION.
- F2 PEDESTRIAN SIGNAL SHALL USE NEW EXTERNAL CONDUIT. SURFACE MOUNTED CONDUIT SHALL BE INSTALLED ON THE SIDE OPPOSITE THE ROADWAY OR INTERSECTION.
- H DTIS SHALL RELOCATE FIRE/POLICE ALARM PULL STATION. CONTRACTOR SHALL COORDINATE WITH JACK DONOHUE OF DET (TEL.#415-558-2784) 10 DAYS BEFORE COMMENCEMENT OF WORK AT THE CORNER.
- I EXTEND 12/C INTERCONNECT TO NEW IC LOCATION. SPLICE TO EX 12/C TO MAINTAIN INTERCONNECT SYSTEM.
- L F/I IN-LINE FUSE HOLDER W/ 40A FUSE FOR IC SERVICE. SPLICE NEW WIRES TO EX PG&E SERVICE TO SUPPORT NEW IC. F/I GROUND ROD.
- J F/I GUARD POSTS PER SPDPWSF FILE #LA-021.
- S SEE APPLICABLE BASEMENT FOUNDATION ON DWG. S-1.
- X4 STUB OUT AND CAP 3' FROM THE IC FOUNDATION.

TIM WON (BCM)
WEI ZHANG (Signal Shop)
PHANG (Signal Shop)

NOTE:
THIS AUTOCAD DRAWING HAS BEEN REVISED AND PLOTTED 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	DSB	BC	BY	APP.
3/02		Pco#3, revised during construction layout 2/1/02					
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:	APPROVED
WL/DSB 1/01	SECTION MANAGER DATE:
DRAWN: DATE:	DIVISION MANAGER DATE:
WL/JS 1/01	CITY ENGINEER DATE:
CHECKED: DATE:	
BW/SL 1/01	

SCALE:
1" = 10'
SHEET OF SHEETS
19 OF 39

SOMA MISSION STREET TRAFFIC SIGNAL UPGRADE
4TH STREET AND MISSION ST.

SPECIFICATION NO. 1663NR
DRAWING NO. E-8.0
FILE NO. 75,576
REV. NO. 1

EXTERNAL REFERENCES: T:\E-Files\Sales_Tax\Projects\SOMA Mission\753422.dwg
FONTS USED: ROMANS.SHY ROMANS.SHY ROMANS.SHY
SCALE FACTOR: 120
PLOT SCALE: 1"=1'
ORIGIN: Soles & Tax
FILE NAME: R1663NR-16.0.dwg
DATE: Nov 21 2000 12:14

[illegible]

POLE AND EQUIPMENT SCHEDULE									
POLE No.	TYPE OF POLE	LUMINAIRE (HPS)	VEHICLE SIGNAL			PEDESTRIAN SIGNAL			REMARKS
		VOLTAGE/WATTS	No.	TYPE	MOUNTING (F/I)	No.	TYPE	MOUNTING (F/I)	
①	1-A (10')		22	3S12"	TV-1-T	69		SP-1	BASEMENT
②	16-1-70 WITH 8' MAST ARM		21 24	3S8" 3S12"	SV-1-T MAS	89		SP-1	BACKPLATE
③	EX MUNI.		42	3S8"	SV-1-T	28		SP-1-T	EXTERNAL CONDUIT
④	17-1-70 WITH 20' MAST AND 6' LUMINAIRE ARM	120/200 	44	3S12"	MAS				BACKPLATE
⑤	EX SL		41 (EX) 	3S12"		48		SP-1	
⑥	EX MUNI		62	3S12"	SV-1-T	29		SP-1-T	EXTERNAL CONDUIT
⑦	16-1-70 WITH 8' MAST ARM		64	3S12"	MAS				BACKPLATE
⑧	EX MUNI		61	3S8"	SV-1-T	68 49		SP-1 (22" NIPPLE) SP-1-SF (12" NIPPLE)	
⑨	EX MUNI								
⑩	EX MUNI					88		SP-1-T	EXTERNAL CONDUIT

B2 F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL.
 F/I FUSE AND FUSE HOLDERS PER SPDPWSF FILE #49,092.

P POLYVINYL CHLORIDE (PVC) CONDUIT SCHEDULE 80.

P1 F/I PED HOUSING AND FRAMEWORK. EX PED COUNTDOWN
 UNIT TO REMAIN.

V1 EX HOUSING TO REMAIN. F/I LED RED, YELLOW, AND GREEN.

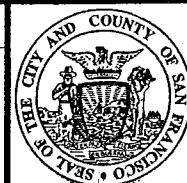


NO.	DATE	DESCRIPTION	BY	APP

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:	APPROVED	
DSB/WL 1/01	# Jk/kmg	3/21/01
DRAWN: DATE:	SECTION MANAGER	DATE:
JS	M/kmg	5/1/01
DSB/WL 1/01	DIVISION MANAGER	DATE:
CHECKED: DATE:	Nelson/Vorg	
SL/BW 1/01	CITY ENGINEER	3/22/01

SCALE:	NONE
SHEET OF SHEETS	20 OF 39

SOMA MISSION STREET
TRAFFIC SIGNAL UPGRADE

4TH STREET AND MISSION ST.
TRAFFIC SIGNAL WORKS (SCHEDULES)

SPECIFICATION NO.	1663N(R)
DRAWING NO.	E-8.1
FILE NO.	75,577
REV. NO.	0