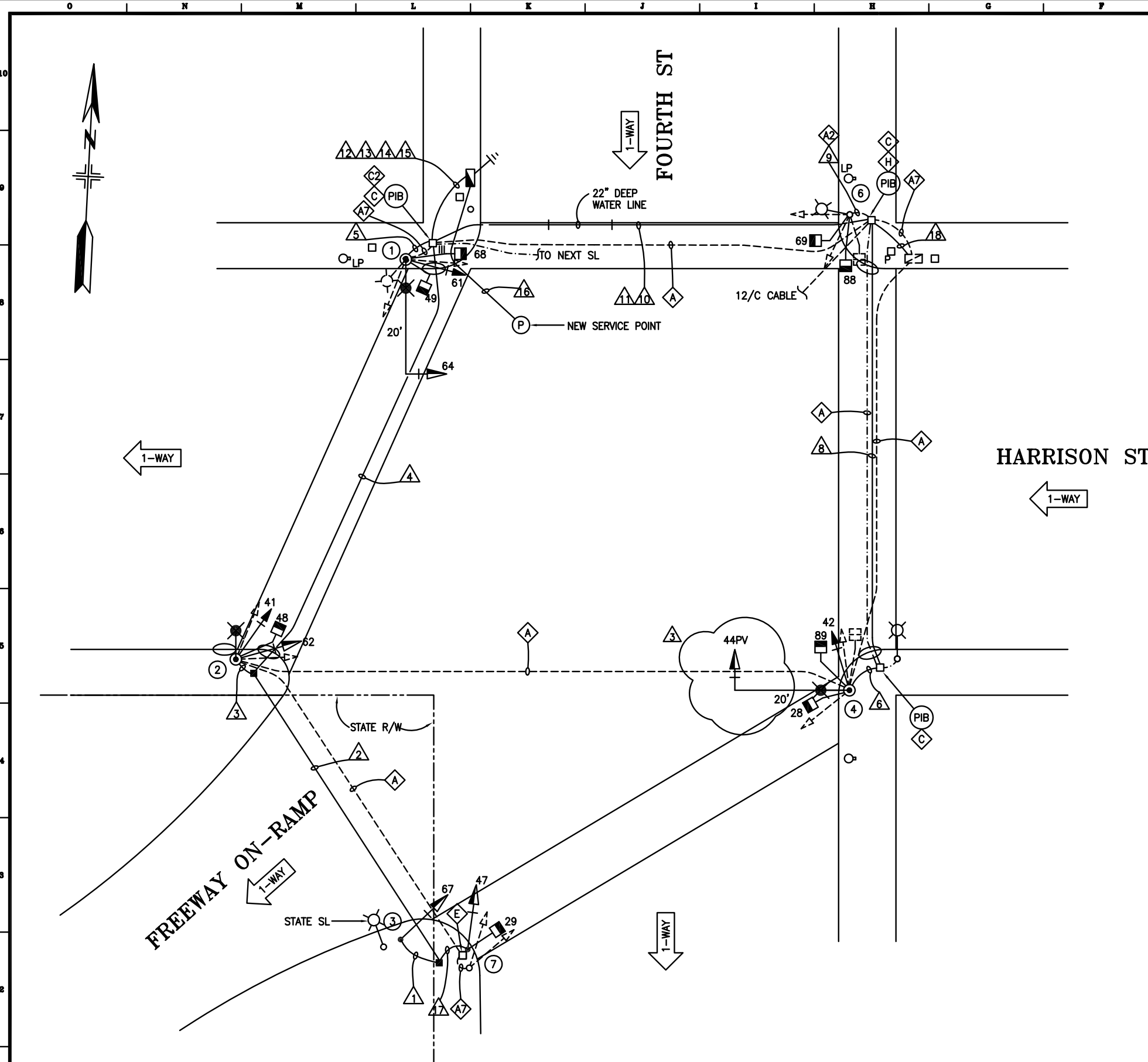


DRAWING INFORMATION:  
FILE NAME: 1167NE10  
ORIGIN: ELECTRICAL  
DATE:

LIMITS:  
PLOT SCALE: 1"=10'



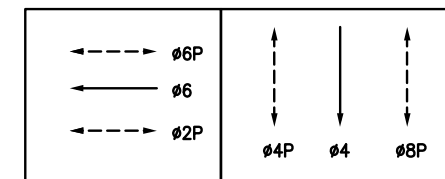
### SHEET NOTES:

1. R/S ALL EX TRAFFIC SIGNALS AND MOUNTING HARDWARES, UNO.
2. R/C ALL EX TRAFFIC SIGNAL WIRING, UNO. RETAIN INTERCONNECT CABLE. ABANDON EX TRAFFIC SIGNAL CONDUITS, UNO. REPAIR SIDEWALK.
3. EX TRAFFIC SIGNALS AFFECTED BY THE REMOVAL OF POLES SHALL BE RELOCATED BY THE CITY.
4. DET SHALL RELOCATE FIRE/POLICE PULL STATION AT THE NORTHEAST CORNER. CONTRACTOR SHALL COORDINATE WITH JACK DONOHUE OF DET (TEL # 415-558-2784) 10 DAYS BEFORE STARTING WORK AT THE CORNER.

### DETAIL NOTES:

- A EX CONDUIT AND WIRING. R/C EX WIRING. CUT BOTH ENDS OF CONDUIT APPROX 2' FROM PULL BOX AND R/C CUT PORTION. ABANDON REMAINING CONDUIT IN PLACE.
- A2 EX CONDUIT AND WIRING. R/C EX TS WIRING. EX 2#8 SL WIRING TO REMAIN. F/I NEW WIRING AS NOTED.
- A7 R/C EX WIRING AND CONDUIT. REPAIR SIDEWALK TO MATCH EX.
- C SPLICE NEW WIRES TO EX SL WIRING TO MAINTAIN SL CIRCUIT.
- C2 SPLICE NEW WIRES TO EX SL WIRING TO ACTIVATE NEW SL CIRCUIT.
- H EXTEND 12/C INTERCONNECT TO NEW IC LOCATION. SPLICE TO EX 12/C TO MAINTAIN INTERCONNECT SYSTEM.
- E R/C EX PULL BOX. REPAIR SIDEWALK TO MATCH EX.

### PHASE DIAGRAM:



PHASES 2 & 6

PHASES 4 & 8

### PHASE SEQUENCE:

G	Y	R	HARRISON ST
R		G	Y
WM	FRH	RH	PED XING 4TH ST NORTH
WM	FRH	RH	PED XING 4TH ST SOUTH
RH		WM	FRH
RH		WM	FRH

NO.	DATE	DESCRIPTION	BY	APP.
1	2/15/12	Added PV to signal #44	CVM	BW
2	9/27/99	UPDATED PER AS-BUILT	BC	CF
3	11/7/97	Revised per DPT's request during walkthrough	BC	CF

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: BC  
DATE: 12/16/96  
DRAWN: BC  
DATE: 12/16/96  
CHECKED: SWT  
DATE: 12/16/96

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

SCALE:  
1"=10'  
SHEET OF SHEETS  
10 OF 27

HARRISON STREET  
TRAFFIC SIGNAL IMPROVEMENTS  
4TH AND HARRISON  
TRAFFIC SIGNAL WORK





SPECIFICATION NO.  
1167N  
DRAWING NO.  
E-10  
FILE NO.  
65,437  
REV. NO.  
3














DRAWING INFORMATION:  
FILE NAME: 1167NE11  
ORIGIN: ELECTRICAL  
DATE:

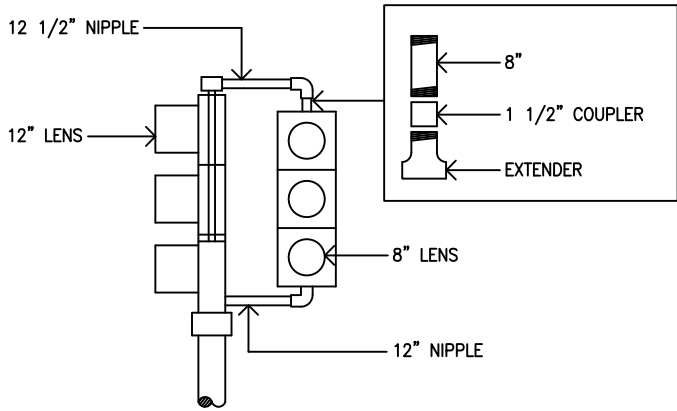
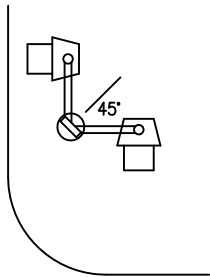
LIMITS:  
PLOT SCALE: 1"=10'

CONDUIT AND WIRING SCHEDULE																			
CONDUIT RUN NUMBER	1	2	3	4	5	6		8	9	10	11	12	13	14	15	16	17	18	
CONDUIT SIZE (INCH)	1½	2	2	2	2	2		2	EX	2	2	2	2	2	2	1½	2	2	
NOTES																			
WIRING (F/I)	#14 WIRES																		
	SIGNAL 47		3		3							3					3		
	SIGNAL 67	3	3		3							3							
	SIGNAL 29		2		2							2					2		
	SIGNAL 41			3	3							3							
	SIGNAL 48			2	2							2							
	SIGNAL 62			3	3							3							
	SIGNAL 68					2								2					
	SIGNAL 61					3								3					
	SIGNAL 49					2								2					
	SIGNAL 64					3								3					
	SIGNAL					3								3					
	SIGNAL 42					3	3				3	3							
	SIGNAL 44					3	3				3	3							
	SIGNAL					3	3				3	3							
	SIGNAL 28					2	2			2	2	2							
	SIGNAL 89					2	2			2	2	2							
	SIGNAL 69							2		2	2	2							
	SIGNAL 88							2		2	2	2							
	SIGNAL							3		3	3	3							
	SIGNAL							3		3	3	3							
SPARE																			
TOTAL #14 WIRES																			
#10 WIRES NEUTRAL																			
#8 WIRES (120V SERVICE)																			
ST. LIGHT #8 WIRE																			
12/C INTERCONNECT																			
1/4" NYLON PULL ROPE																			
#6 BSCW																			

DETAIL NOTES

-  WITH BACKPLATE.
-  F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I FUSE AND FUSE HOLDERS PER SFPWSP #49,092.
-  REFER TO TV-2-T-SFB EXTENDER DETAIL. SEE DETAIL 

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	17B-1-70 W/ 20' MAST ARM AND 6' LUMINAIRE ARM.		61	3S8" 	SV-1-T	49 68	1S-IN 1S-IN	SP-1 SP-1	
			64	3S12" 	MAS				
2	CITY STANDARD SL W/ 6' LUMINAIRE ARM.		41 62	3S8"  3S12" 	SV-2-TA 	48	1S-IN	SP-1	WITH RIGHT ANGLE VISOR WITH LEFT ANGLE VISOR
3	1-A (10')		67 	3S12" 	TV-1-T				WITH LEFT ANGLE VISOR
4	17B-1-70 W/ 20' MAST ARM AND 6' LUMINAIRE ARM.		42 44	3S8"  3S12"PV 	SV-1-T MAS	28 89	1S-IN 1S-IN	SP-1 SP-1	
7	1-A(10')		47	3S12" 	TV-1-T	29	1S-IN	SP-1	WITH RIGHT ANGLE VISOR
6	EX SL					69 88	1S-IN 1S-IN	SP-1 SP-1	



TV-2-T-SFB EXTENDER DETAIL

DETAIL

1

NO.	DATE	DESCRIPTION	BY	APP.
1	2/15/12	Added PV to signal #44	CVM	BW
2	9/27/99	UPDATED PER AS-BUILT	BC	TS
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SECTION MANAGER DATE:  
DIVISION MANAGER DATE:  
CITY ENGINEER DATE:

SCALE:  
NONE  
SHEET OF SHEETS  
11 OF 27

HARRISON STREET  
TRAFFIC SIGNAL IMPROVEMENTS  
4TH AND HARRISON  
SCHEDULE FOR TRAFFIC SIGNAL WORK

SPECIFICATION NO. 1167N  
DRAWING NO. E-11  
FILE NO. 65,438  
REV. NO. 5