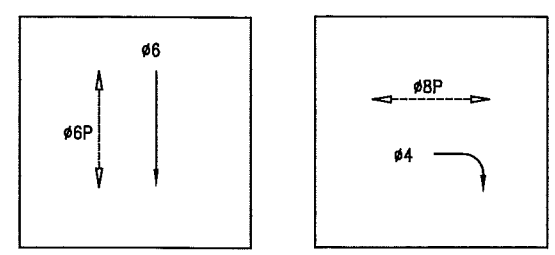


NEW SIGNAL AT THIS LOCATION WAS ACTIVATED
ON 10-3-02 ACCORDING TO INFORMATION
IN THE MASTER SIGNAL INVENTORY DATABASE.

PHASE DIAGRAM



SEE 67 FOR
ELECTRONIC TRAINING

PHASE SEQUENCE

G		Y	R		4TH STREET
R		G->		Y R	MINNA ST
WM	FRH	RH		PEDS XING MINNA ST	
RH		WM	FRH	RH	PEDS XING 4TH ST

DETAIL NOTES

- ⬡ INTERCONNECT (4-2" POLYETHYLENE CONDUITS) AND PULLBOX TO BE INSTALLED SEPARATELY BY THE MOSCONE CENTER EXPANSION PROJECT
- ⬡ DETECTOR LOOPS SHOWN ONLY FOR REFERENCE. ACTUAL DETECTION IS BY VIDEO CAMERA. DO NOT INSTALL LOOPS.
- ⬡ R/C EX WIRING AND CONDUIT. REPAIR SIDEWALK TO MATCH.
- ⬡ INTERCEPT CONDUIT. F/I TYPE 1 PULLBOX.
- ⬡ RELOCATE PULLBOX OUTSIDE OF CURB RAMP

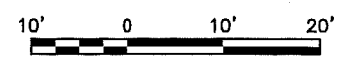
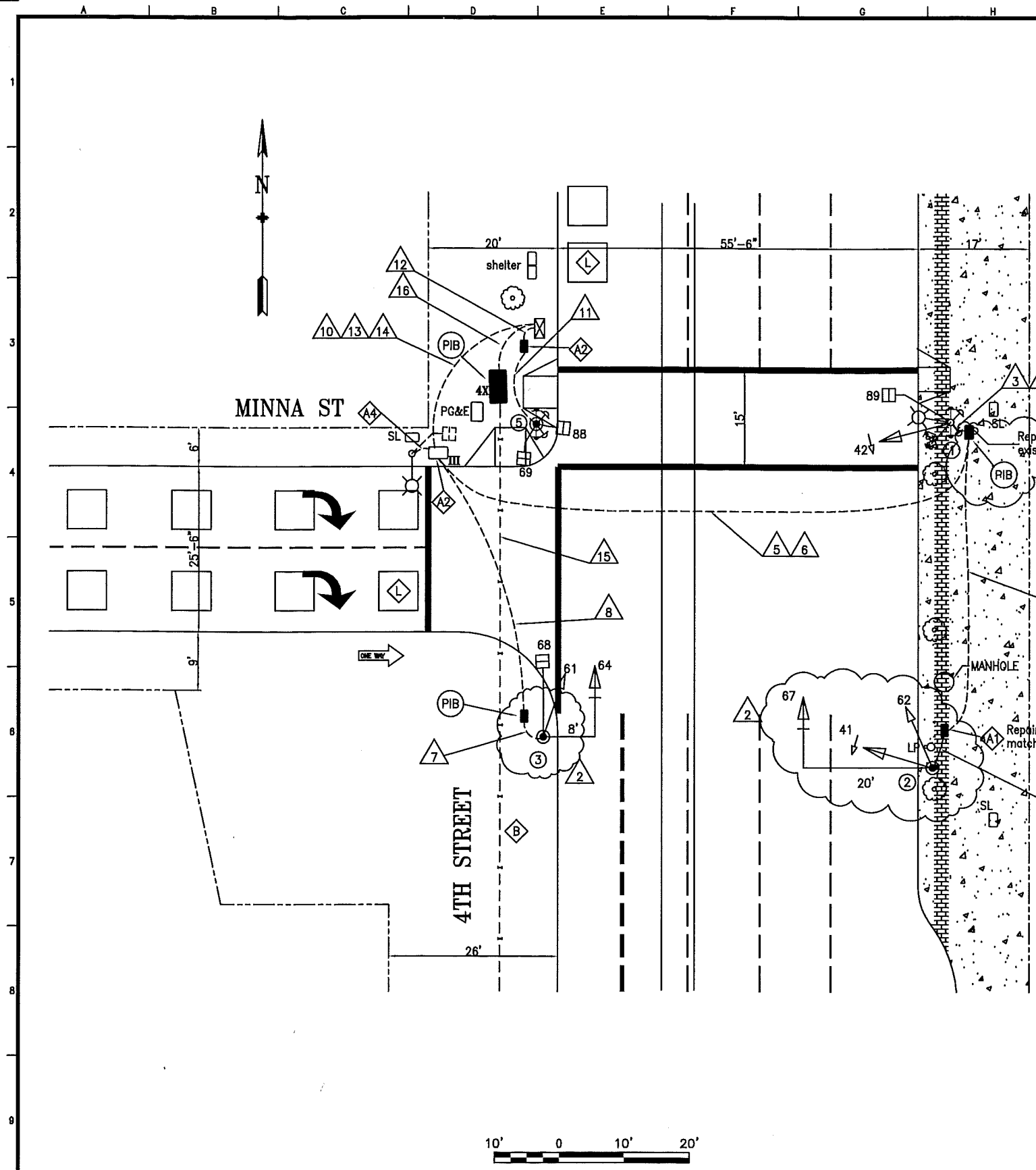
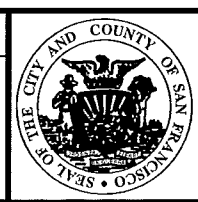


TABLE OF REVISIONS			
NO.	DATE	DESCRIPTION	BY APP.
2	02/05/03	REPLACE POLE FOUNDATIONS #2 AND #3.	WL BBD
1	01/12/03	CORRECTIONS AND PUNCHLIST REPAIRS TO NEW SIGNAL	WL BBD

CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



DEPARTMENT OF PARKING AND TRAFFIC
DIVISION OF TRAFFIC ENGINEERING
CITY AND COUNTY OF SAN FRANCISCO

DESIGNED: DATE:
SB 6/14/02
DRAWN: DATE:
SB 6/14/02
CHECKED: DATE:

APPROVED
SECTION MANAGER DATE:
CITY TRAFFIC ENGINEER DATE:

SCALE:
1:10
SHEET OF SHEETS
04 OF 07

MOSCONE CENTER EXPANSION PROJECT
TRAFFIC SIGNALS
4TH AND MINNA STREETS
NEW TRAFFIC SIGNAL

SPECIFICATION NO.
1995N
DRAWING NO.
E-4
FILE NO.
REV. NO.
2

EXTERNAL REFERENCES: T:\E_Files\Special Projects & Street Use\Projects\4th and Howard\B34X22.DWG
FONTS USED: ardin.ttf ardin2.ttf ardin3.ttf ardin4.ttf ardin5.ttf ardin6.ttf ardin7.ttf ardin8.ttf ardin9.ttf ardin10.ttf
SCALE FACTOR: 120
PLOT SCALE: 1"=1'
ORIGIN: SECTION
FILE NAME: 04th_Minna.dwg
DATE: FEB 5, 2003

CONDUIT AND WIRING SCHEDULE																				
CONDUIT RUN NUMBER																				
CONDUIT SIZE (INCH) (mm)		2 / 76	2 / 53	2 / 53	2 / 53	3 / 76	2 / 53	2 / 53	2 / 53		3 / 76	2 / 53	2 / 53	3 / 76	2 / 53	EX.	3 / 76			
NOTES		EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	NOT USED	EX.	EX.	EX.	EX.	EX.		EX.			
WIRING (F/I)	#14 WIRES																			
	SIGNAL 41	3	3			3									3					
	SIGNAL 62	3	3			3									3					
	SIGNAL 67	3	3			3									3					
	SIGNAL 42			3		3									3					
	SIGNAL 89			2		2									2					
	SIGNAL 69											2	2							
	SIGNAL 88											2	2							
	SIGNAL 61							3	3		3									
	SIGNAL 64							3	3		3									
	SIGNAL 68							2	2		2									
	POLE 1 - 2 PPB			2		2										2				
	POLE 5 - 2 PPB											2	2							
	#14 WIRES (NEUTRAL)	2		2				3				1	1							
	#14 WIRES (SPARE)		3			3			3		3				3					
	TOTAL #14 WIRES	11	12	9		19		11	11		11	7	7		19					
	#10 WIRES (NEUTRAL)		1			1			1		1				1					

[illegible]

A FOR SIGNAL HEADS 64 & 67, USE 5-VANE HORIZONTAL LOUVERS WITH INTERNAL BAFFLES

V R/S EX FULL CIRCLE VISOR. F/I NEW TUNNEL VISOR.

W FOR CONDUITS #1 THRU #14, R/C #14 SIGNAL WIRE USED FOR GREEN INDICATION AND #6 GROUNDING WIRE. F/I 1-#14 FOR EACH GREEN INDICATION AND 1#6 BSCW AS INDICATED. F/I BUSHINGS FOR CONDUITS.

E F/I NEW FRAMEWORK. REUSE EXISTING SIGNAL HOUSING AND LED.

P PVC CONDUIT SCHEDULE 80.

[illegible]

FILE NAME: 04th_Minna.dwg
DATE: FEB 5, 2003

ORIGIN: SECTION

SCALE FACTOR: 120
PLOT SCALE: 1=1'

EXTERNAL REFERENCES: T:_E_Files\Special Projects & Street Use\Projects\4th and Howard\TB3XV22.DWG
FONTS USED: origin.ttf arabic.ttf threeshx.shx ROMANS.shx ROMANS.SHY ROMANT.??