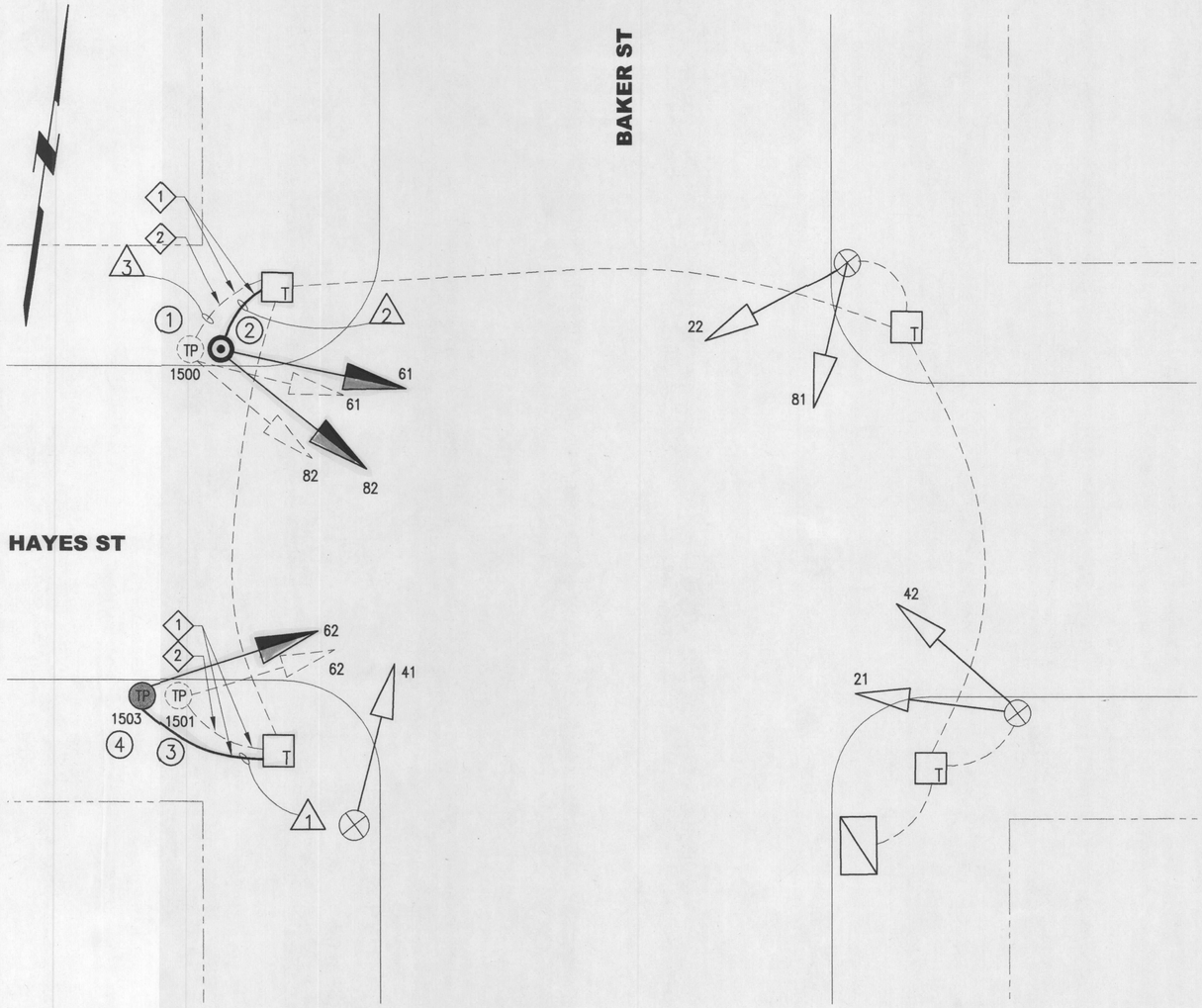


NOTES:

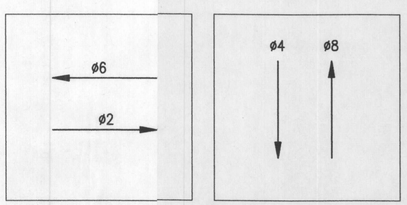
1. TO MAINTAIN (E) HOMERUNS FROM IC TO SIGNAL HEADS, PULL WIRES FROM (E) SIGNAL HEADS ON POLES 1 & 3 BACK TO (E) PULL BOXES, THEN RECONNECT TO CORRESPONDING (N) SIGNAL HEADS ON POLES 2 & 4 VIA (N) CONDUIT RUNS AS SHOWN. PROVIDE (N) NEUTRAL WIRES FROM PULL BOXES TO (N) SIGNAL HEADS.
2. CAP (E) CONDUIT ENDS AND ABANDON IN PLACE.
3. SEE OV-SERIES PLANS FOR TRAFFIC SIGNAL CONDUIT INSTALLATION DETAILS IN (N) COMBINATION TP/TS POLE FOUNDATIONS.

CONDUIT AND WIRING SCHEDULE

	CONDUIT RUN NUMBER	1	2
	CONDUIT SIZE (INCH)	2	2
	NOTES	1	1
WIRING (REROUTE EXISTING)	VEH SIGNAL 62; POLE 4, SW CORNER	3	
	VEH SIGNAL 61; POLE 2, NW CORNER		3
	VEH SIGNAL 82; POLE 2, NW CORNER		3
	#14 NEUTRAL	1	1
	#14 SPARE		
	TOTAL #14 WIRES	4	7
	#10 WIRES NEUTRAL		

AS-BUILT

PHASE DIAGRAM



GRAPHIC SCALE 10' 0 10' 20'

PHASE SEQUENCE

G	Y	R		HAYES STREET (EB & WB – ø2 & ø6)
R		G	Y	BAKER STREET (SB & NB – ø4 & ø8)

POLE AND EQUIPMENT SCHEDULE

POLE No	TYPE OF POLE	VEHICLE SIGNAL				PEDESTRIAN SIGNAL			REMARKS
		No	TYPE	MOUNTING	VISORS	No	TYPE	MOUNTING	
1	(E) MUNI STEEL TROLLEY POLE 1500 WITH FEEDER RISER	61 82	3S8" (R/S) 3S8" (R/S)	SV-2-TA (R/S)	T (R/S) T (R/S)				
2	(N) 1-A (15')	61 82	3S12" (F/I) 3S12" (F/I)	SV-2-TA (F/I)	T (F/I) T (F/I)				
3	(E) MUNI STEEL TROLLEY POLE 1501	62	3S8" (R/S)	SV-1-T (R/S)	T (R/S)				
4	(N) MUNI STEEL TROLLEY POLE 1503	62	3S12" (F/I)	SV-1-T (F/I)	T (F/I)				3

REGISTERED PROFESSIONAL ENGINEER BRIAN B DUSSEAULT C 058453 EXP 12/31/2010 CIVIL STATE OF CALIFORNIA 6/19/2009

NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
AB	5/29/13	AS-BUILT WITH NO CHANGES			

REVISIONS

DESIGNED
DRAWN
CHECKED
REVIEWED
RECOMMENDED
APPROVED
DATE 6/23/09

REGISTERED PROFESSIONAL ENGINEER MEGHAN GREEN No. E17525 EXP. 6/30/10 ELECTRICAL STATE OF CALIFORNIA

CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

APPROVED

for the EXECUTIVE DIRECTOR/ CEO

TROLLEY COACH SYSTEM
21 HAYES POLE REPLACEMENT AND MISCELLANEOUS OVERHEAD CONSTRUCTION

TRAFFIC SIGNAL WORK HAYES ST AND BAKER ST

CONTRACT 1234
DRAWING CL-20612
TS-02
TS-18
REVISION 0

I:\M447\DETAIL DESIGN\Drawings\95%\Electrical\Traffic Signals\ M447LTS02_95 D0.dwg rmau Fri Jun 12,2009 – 2:04 pm