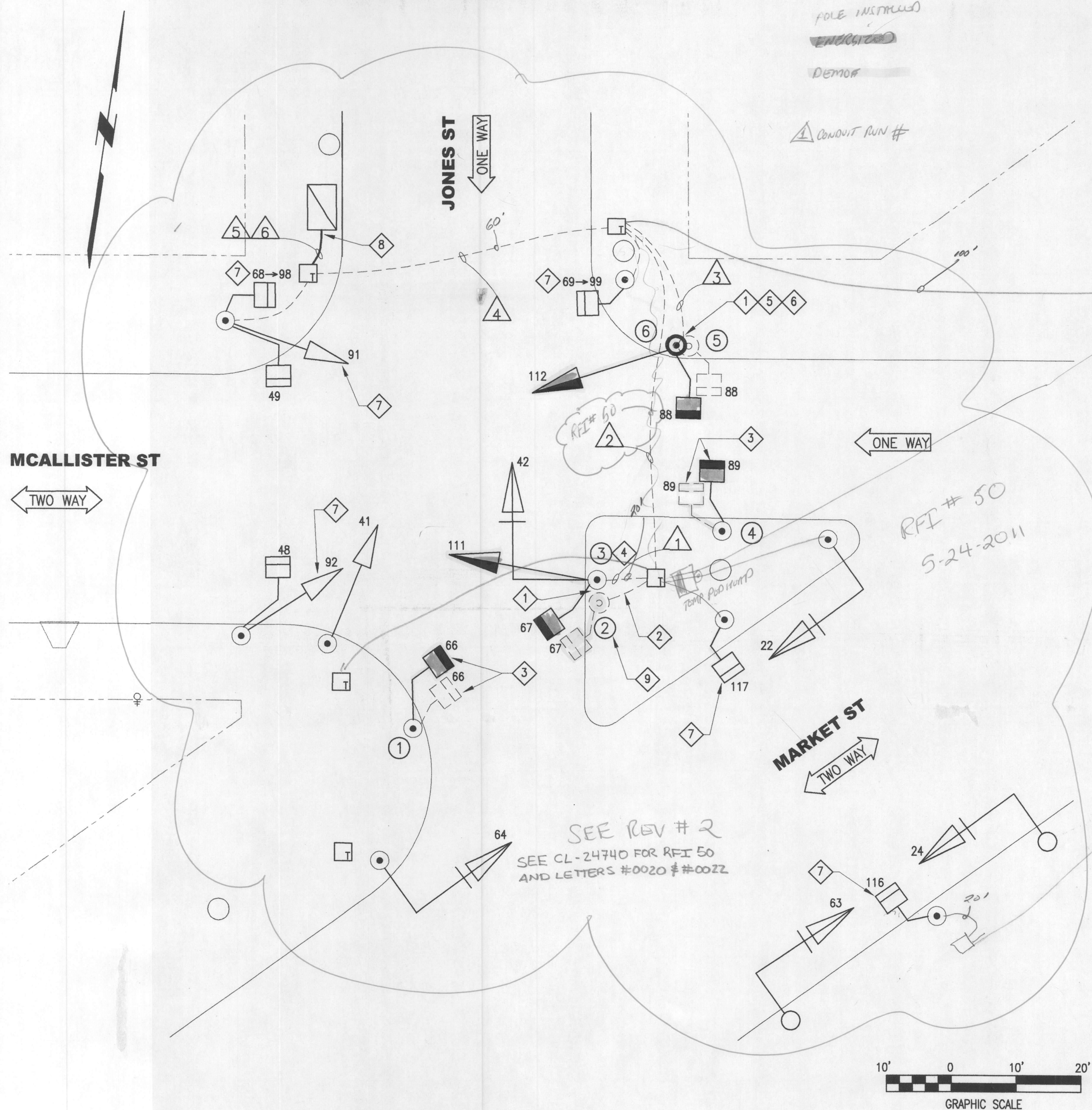


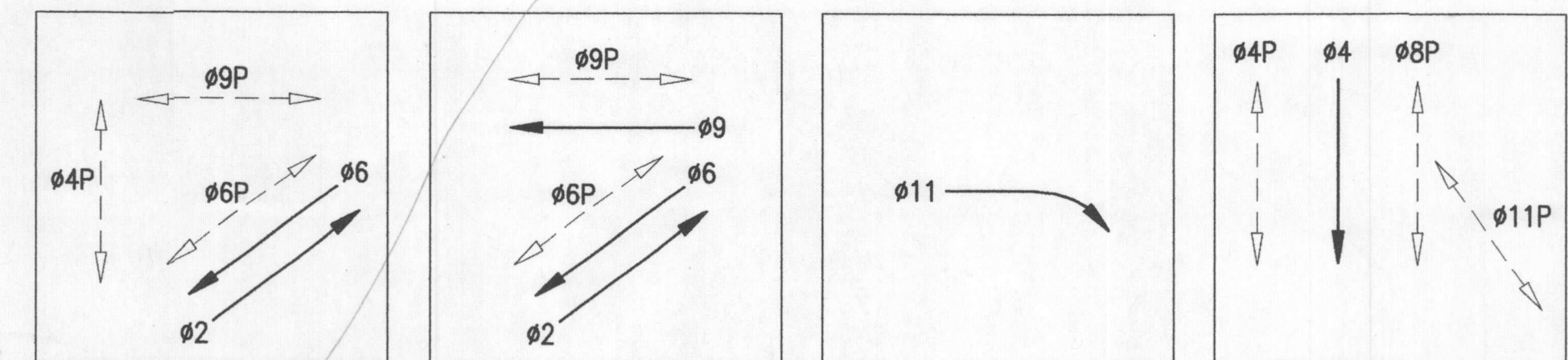
\\snp1sm02\SHARE1\MCAP_1\M447L\DETAIL DESIGN\Drawings\95% Electrical\Traffic Signals\ M447LTS15_95 DD.dwg, Becker Mon Jun 22 2009 - 1:42 pm



NOTES:

1. TO MAINTAIN (E) HOMERUNS FROM IC TO SIGNAL HEADS, PULL WIRES FROM (E) SIGNAL HEADS ON POLES 2 & 5 BACK TO (E) PULL BOXES, THEN RECONNECT TO CORRESPONDING (N) SIGNAL HEADS ON POLES 3 & 6 VIA (E) 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. DISCONNECT (E) WIRES FROM (E) SIGNAL HEAD AND RECONNECT TO (N) SIGNAL HEAD.
4. DUE TO MARKET STREET POLE PORCELAIN FINISH, CONTRACTOR SHALL NOT DRILL INTO POLE. CONTRACTOR SHALL ROUTE TRAFFIC SIGNAL WIRES IN 1" WATERPROOF FLEXIBLE CONDUIT FROM HANDHOLE (LOCATED ON (E) LOWER TRAFFIC SIGNAL MAST ARM) TO TOP OF (N) TRAFFIC SIGNAL MOUNTING BRACKET FRAMEWORK. THE TOTAL NUMBER OF BENDS IN THE WATERPROOF FLEXIBLE CONDUIT RUN SHALL NOT EXCEED 270 DEGREES. CONTRACTOR SHALL PROVIDE A SKETCH OF THIS WORK FOR APPROVAL BY THE DPT SIGNAL SHOP, THOUGH THE ENGINEER, BEFORE COMMENCEMENT OF WORK.
5. (E) TRAFFIC SIGNAL POLE SHALL BE REPLACED IN PLACE. PROVIDE TEMPORARY TRAFFIC SIGNAL UNTIL (N) TRAFFIC SIGNAL IS FULLY OPERATIONAL.
6. NORTHEAST CORNER & CENTER ISLAND HAVE SPECIAL BRICK SIDEWALK. CONTRACTOR SHALL REPAIR SIDEWALK TO MATCH (E) CONDITIONS FOR POLE INSTALLATION WORK.
7. (E) TRAFFIC SIGNAL NUMBER TO BE REASSIGNED AS SHOWN. CONTRACTOR SHALL RELABEL (E) WIRES IN IC AND PULL BOX TO MATCH (N) ASSIGNED TRAFFIC SIGNAL NUMBERS.
8. CHIP FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF I/C AND REPAIR AFTER INSTALLATION.
9. POLE 2 IS ON SECTION OF ISLAND SCHEDULED FOR REMOVAL. SEE R-SERIES PLANS FOR ISLAND MODIFICATION WORK.
10. SEE TS-14 FOR CONDUIT & WIRING AND POLE & EQUIPMENT SCHEDULES.

PHASE DIAGRAM



PHASE SEQUENCE

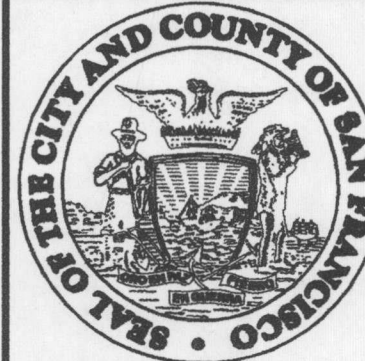
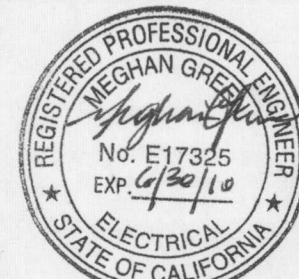
G	Y	R	MARKET STREET (EB & WB - 02 & 06)
R	G	Y	MCALLISTER STREET (WB - 09)
R	FY	Y	MCALLISTER STREET (EB - 011)
R	G	Y	JONES STREET (SB - 04P)
W	FRH	RH	PED XING JONES STREET (N/S - 09P)
W	FRH	RH	PED XING JONES STREET (S/S - 06P)
FRH	RH	W	PED XING MCALLISTER STREET (W/S - 04P)
FRH	RH	W	PED XING MCALLISTER STREET (E/S - 08P)
RH	W	FRH	PED XING MARKET STREET (E/S - 011P)

NOTICE TO STOP WORK WAS GIVEN HUBERT WONG W/ SFMTA ON 6-2-2011
PENDING NEW DRAWINGS

AS-BUILT

NO.	DATE	DESCRIPTION	REVISIONS
AB	5/29/13	AS-BUILT, REVISED AS SHOWN	

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



CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

APPROVED

P. McAllister
for the EXECUTIVE DIRECTOR/ CEO

TROLLEY COACH SYSTEM
21 HAYES POLE REPLACEMENT
AND MISCELLANEOUS OVERHEAD CONSTRUCTION

TRAFFIC SIGNAL WORK
MCALLISTER ST AND JONES ST

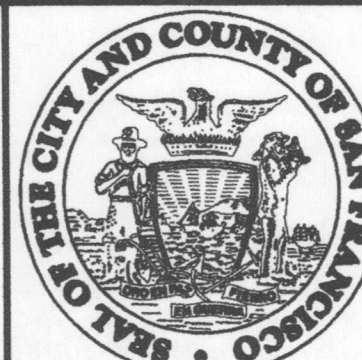
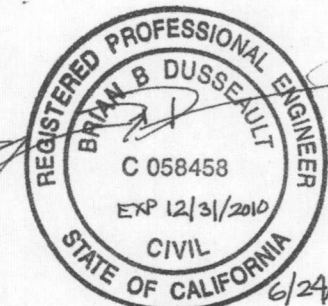
CONTRACT	1234
DRAWING	CL-20625
TS-15	REVISION
TS-18	0

1. SEE SHEET NOTE 1 ON TS-13. 15
2. NOT USED.
3. NOT USED.
4. SEE SHEET NOTE 4 ON TS-13. 15
5. SEE SHEET NOTE 5 ON TS-13. 15
6. NOT USED.
7. NOT USED.
8. NOT USED.
9. SEE SHEET NOTE 9 ON TS-13. 15
10. SEE TS-13 FOR MCALLISTER & JONES STS TRAFFIC SIGNAL WORK.

[illegible]

POLE AND EQUIPMENT SCHEDULE									
POLE No	TYPE OF POLE	VEHICLE SIGNAL				PEDESTRIAN SIGNAL			REMARKS
		No	TYPE	MOUNTING	VISORS	No	TYPE	MOUNTING	
①	(E) 1-A (7')					66 66	ICC (R/S) 1S-COUNT (F/I)	TP-1 (R/S) TP-1 (F/I)	
②	(E) 1-A (7')					67	ICC (R/S)	SP-1 (R/S)	9
③	(E) MARKET STREET POLE	111	3S12"FY (F/I)	SV-1-T (F/I)	T (F/I)	67	1S-COUNT (F/I)	SP-1 (F/I)	EXT CONDUIT 4
④	(E) 1-A (7')					89 89	ICC (R/S) 1S-COUNT (F/I)	TP-1 (R/S) TP-1 (F/I)	
⑤	(E) 1-A (7')					88	ICC (R/S)	TP-1 (R/S)	5
⑥	(N) 1-A (10')	112	3S12"FY (F/I)	TV-1-T (F/I)	T (F/I)	88	1S-COUNT (F/I)	SP-1 (F/I)	

AS-BUILT



APPROVED

F. Mahamdi

for the EXECUTIVE DIRECTOR/ CEO

CONTRACT		1234
DRAWING		CL-20626
TS-16	REVISION	
TS-18	0	

[illegible]