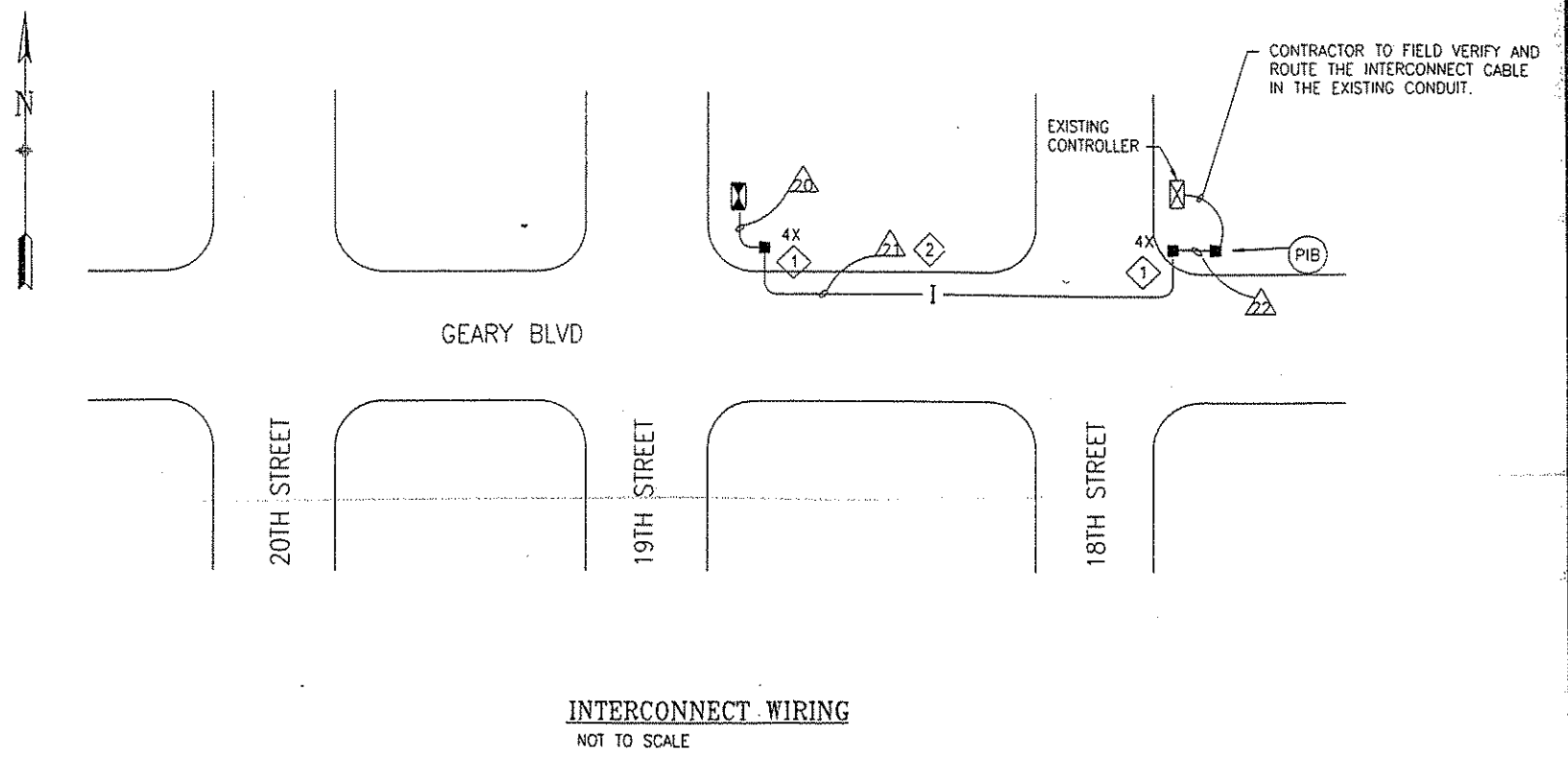
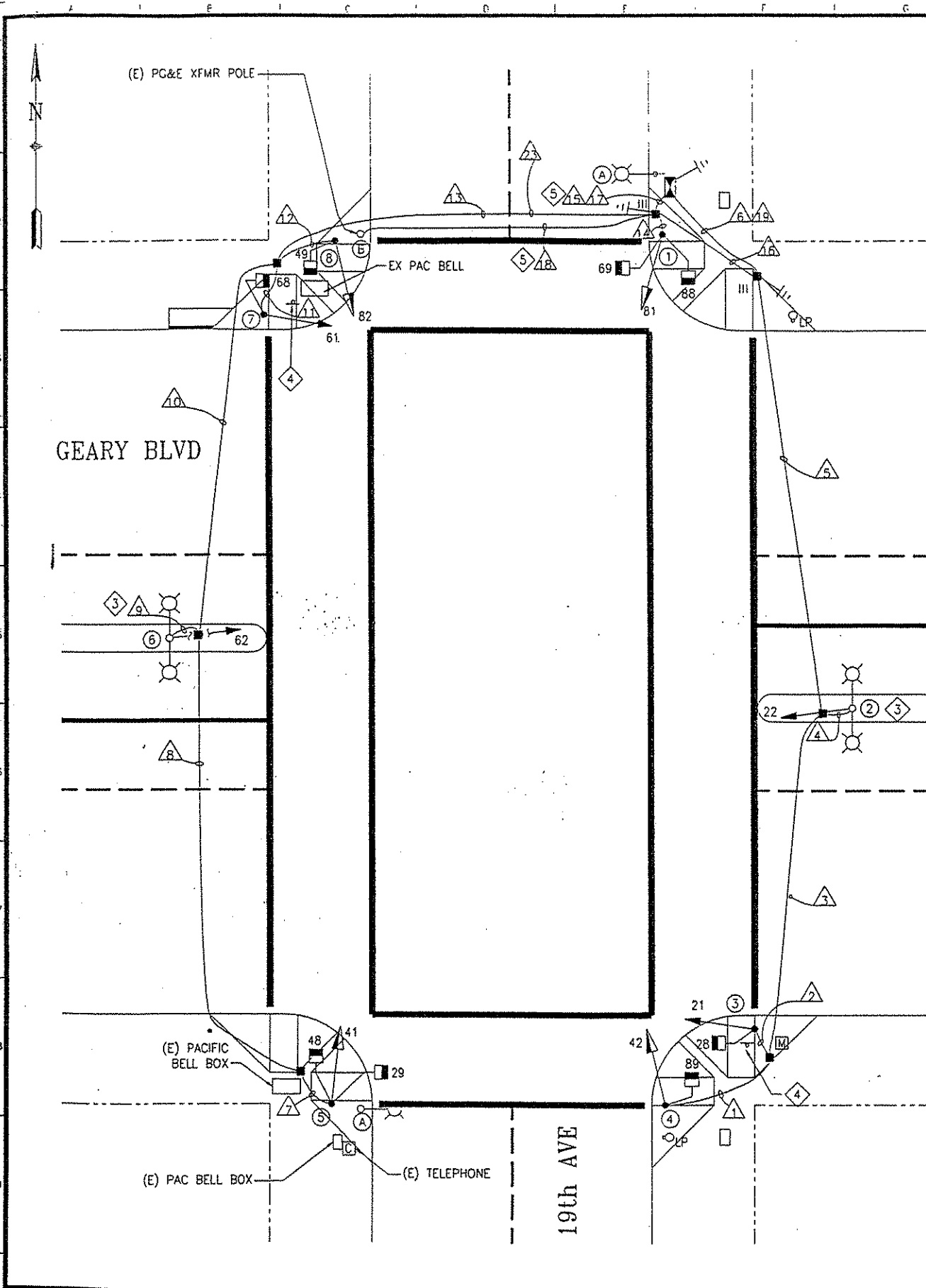




DETAIL NOTES:

- 1 NEW TYPE 4X PULL BOX WITH EXTENSION PER PLAN E(0.5).
- 2 PROVIDE APPROX. 300 FEET OF CONDUIT FROM THE NEW TYPE 4X INTERCONNECT PULL BOX TO THE NEW TYPE 4X PULL BOX LOCATED AT 18th AVE AND GEARY BLVD. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH FIELD ENGINEER FOR EXACT ROUTING AND LOCATION.
- 3 CONTRACTOR SHALL ROUTE WIRES INSIDE THE EXISTING MARBELITE POLE. EXIST. FOUNDATION WITH HAND FOR SIGNAL CONDUIT.
- 4 CONTRACTOR TO REMOVE STREET NAME SIGNAGE AND POLE. DELIVER IT TO THE DPT SIGN SHOP.
- 5 F/I IN-LINE FUSE HOLDER W/40A FUSE FOR IC SERVICE.
F/I NEW WIRING AS NEEDED. F/I GROUND ROD.

PLANS ARE TO BE RETURNED WITH CORRECTIONS MADE AND CERTIFIED TO IN RED INK AND DATED BY THE INSPECTOR IN CHARGE UPON COMPLETION OF THE WORK BEFORE FINAL PAYMENT CAN BE MADE.

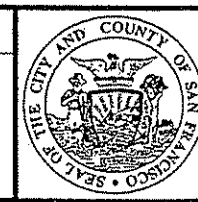
SIGNED _____ INSPECTOR

AS-BUILT DRAWING

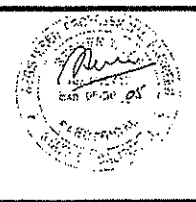


NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				

REFERENCE INFORMATION & FILE NO. OF SURVEYS



BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED: DATE: LS/STL 7/01	APPROVED: DATE: 7/5/01
DRAWN: DATE: JS 7/01	SECTION MANAGER: DATE: 7/9/01
CHECKED: DATE: STL/RD 7/01	DIVISION MANAGER: DATE: 7/10/01
CITY ENGINEER: DATE: 7/10/01	

SCALE: 1"=10'
SHEET OF SHEETS: 11 OF 20

CONTRACT 54
NEW TRAFFIC SIGNAL PROJECT
19TH AVE & GEARY BLVD

SPECIFICATION NO. 0309J
DRAWING NO. E-3.0
FILE NO. 77765
REV. NO.

EXTERNAL REFERENCES: 103422.dwg
FONTS USED: ROMANS.SHY ROMANS.SHY ROMANS.SHY
SCALE FACTOR: 120
PLOT SCALE: 1"=1'
ORIGIN: DRAWING
FILE NAME: 0309J-E3.0.dwg
DATE: JUNE 7, 2001 14:13

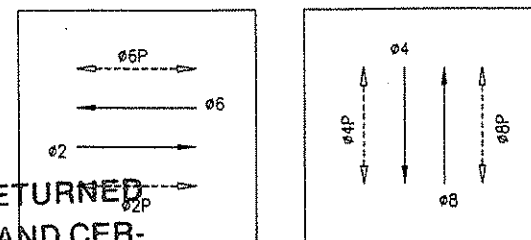
CONDUIT AND WIRING SCHEDULE

CONDUIT RUN NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDUIT SIZE (INCH)	2 53	2 53	2 53	2 53	2 53	3 76	2 53	2 53	2 53	2 53	3 76	2 53	2 53	2 53	3 76	2 53	2 53	2 53	2 53	2 53	4-2 4-53	2 53	2 53
CONDUIT SIZE (mm)																							
NOTES						P									P	P	P		P	P		P	
#14 WIRES																							
SIGNAL 42	3		3		3	3																	
SIGNAL 89	2		2		2	2																	
SIGNAL 21		3	3		3	3																	
SIGNAL 28		2	2		2	2																	
SIGNAL 22				3	3	3																	
SIGNAL 29							2	2		2			2		2								
SIGNAL 41							3	3		3			3		3								
SIGNAL 48							2	2		2			2		2								
SIGNAL 62									3	3			3		3								
SIGNAL 61											3		3		3								
SIGNAL 68											2		2		2								
SIGNAL 49												2	2		2								
SIGNAL 82												3	3		3								
SIGNAL 69														2	2								
SIGNAL 81														3	3								
SIGNAL 88														2	2								
#14 WIRES (NEUTRAL)	2	2		1			3		1		2	2		3									
#14 WIRES (SPARE)			3		3	3		3		3			3		3								
TOTAL #14 WIRES	7	7	13	4	16	16	10	10	4	13	7	7	23	10	30								
#10 WIRES (NEUTRAL)			1		1	1		1		1			1		1								
#8 WIRES (120V SERVICE)																	2	2					
#8 WIRES STREET LIGHT																							
#6 WIRES STREET LIGHT																							
DLW																							
DLC																							
1/4" (6mm) PULL ROPE/TAPE			1		1			1		1			1			1	1	1	1	1	1	1	1
#6 BSCW						1									1	1	1	1	1		1	1	1
12-CONDUCTOR CABLE																				1	1	1	

WIRING (F/I)

POLE AND EQUIPMENT SCHEDULE										
POLE No.	TYPE OF POLE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
		No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
①	1-A (10')	81	3S12"	TV-1-T	T		69 88	1S-COUNT	SP-1-SF(12") SP-1 (22")	
②	SL (EX)	22	3S8"	SV-1	T			1S-COUNT		1
③	16-1-70 (NO MASTARM)	21	3S8"	SV-1-T	T		28	1S-COUNT	SP-1	
④	1-A (10')	42	3S12"	TV-1-T	T		89	1S-COUNT	SP-1	
⑤	1-A (10')	41	3S12"	TV-1-T	T		29 48	1S-COUNT 1S-COUNT	SP-1 SP-1	
⑥	SL (EX)	62	3S8"	SV-1	T					
⑦	16-1-70 (NO MASTARM)	61	3S8"	SV-1-T	T		68	1S-COUNT	SP-1	
⑧	1-A (10')	82	3S12"	TV-1-T	T		49	1S-COUNT	SP-1	
⑨										
⑩										
⑪	LP/UTILITY/WOOD									
⑫	UTILITY/WOOD									

PHASE DIAGRAM:



PHASES 4 & 8

PHASE SEQUENCE:

G	Y	R		GEARY BLVD
R		G	Y	19TH AVE
RH		WM	FRH	PEDS XING GEARY BLVD
WM	FRH		RH	PEDS XING 19TH AVE

DETAIL NOTE:

PVC CONDUIT SCHEDULE

PLANS ARE TO BE RETURNED WITH CORRECTIONS MADE AND CERTIFIED TO IN RED INK AND DATED BY THE INSPECTOR IN CHARGE UPON COMPLETION OF THE WORK BEFORE FINAL PAYMENT CAN BE MADE.

SIGNED-

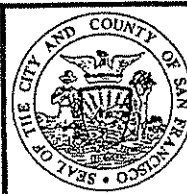
INSPECTOR

AS-BUILT DRAWING



NO.	DATE	DESCRIPTION	BY	APP.

REFERENCE INFORMATION & FILE NO. OF SURVEYS



BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED: DATE:	RO/LS/STL 5/01	APPROVED	DATE:
DRAWN: DATE:	JS 5/01	SECTION MANAGER	DATE:
CHECKED: DATE:	BW/STL 5/01	DIVISION MANAGER	DATE:
		CITY ENGINEER	DATE:

SCALE:	NONE
SHEET OF SHEETS	12 OF 20

CONTRACT 54
NEW TRAFFIC SIGNAL PROJECT
19th & GEARY BLVD
SCHEDULE

SPECIFICATION NO.
0309J
DRAWING NO.
E-3.1
FILE NO.
77766
REV. NO.