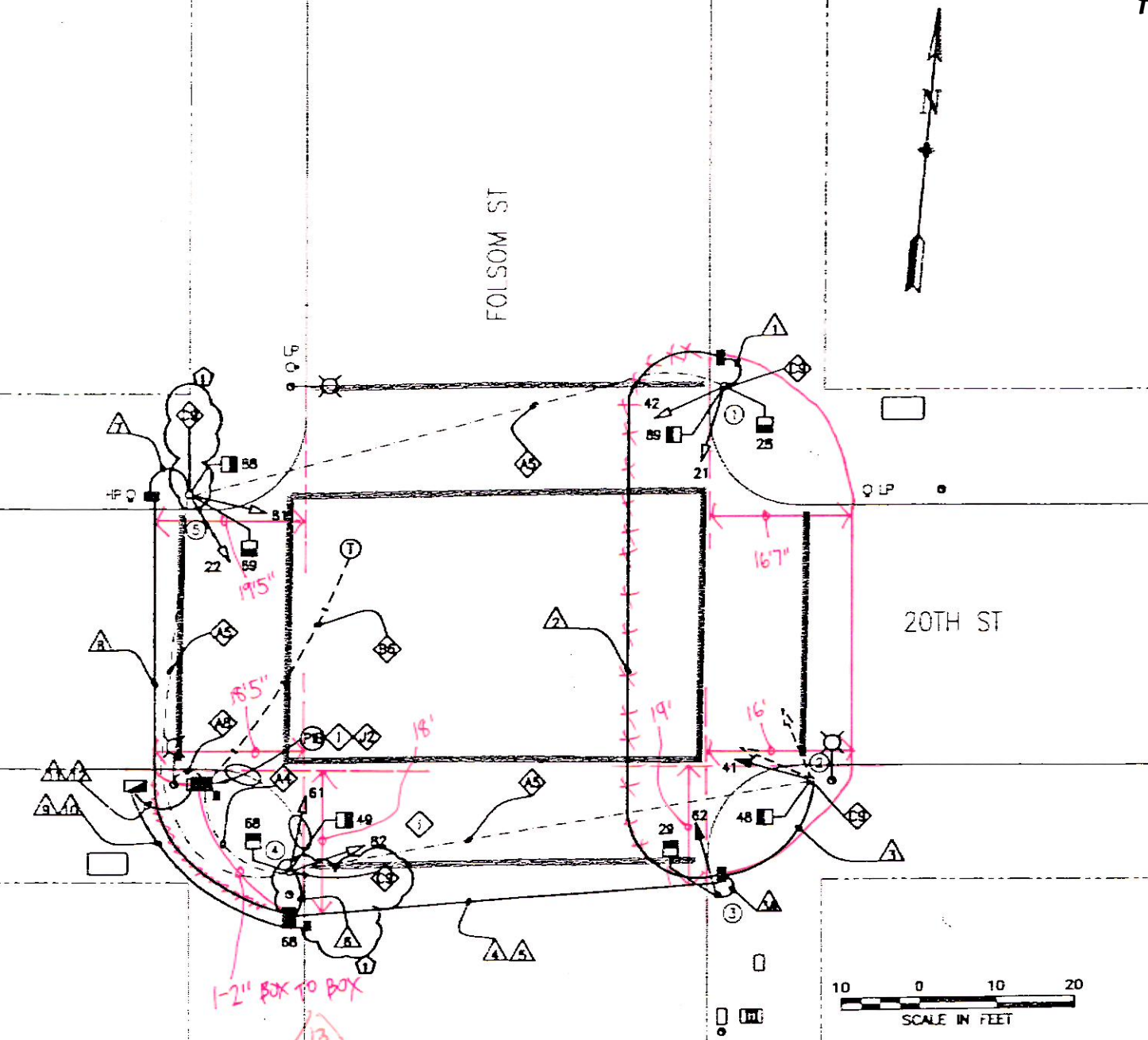


PED SIGNALS ACTIVATED AS PART OF CT 32 ON 2/10/09



DETAIL NOTES:

- EX CONDUIT AND WIRING. R/C EX CONDUIT AND WIRING. REPAIR SIDEWALK TO MATCH EX.
- EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH. CAP END(S). ABANDON CONDUIT IN PLACE.
- CHIP FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARAD OR CONTROLLER CABINET AND REPAIR AFTER INSTALLATION.
- EX CONDUIT AND WIRING. R/C EX WIRING EXCEPT PG&E SERVICE.
- EX CONDUIT AND 12/C TO REMAIN.
- EXTEND 12/C INTERCONNECT TO NEW IC LOCATION. SPLICE TO EX 12/C TO MAINTAIN INTERCONNECT SYSTEM.
- R/S (E) CONCRETE FOUNDATION. F/I (N) CONCRETE FOUNDATION. RE-INSTALL EX POLE IN PLACE.
- RETAIN EX SERVICE WIRES. SPLICE AND EXTEND TO NEW IC LOCATION. F/I 40A IN LINE FUSE AND FUSE HOLDER IN PULL BOX.

AS-BUILT

Date:

By: *Hunfer*

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.

Simathy C. Chen 11/5/09
SIGNED-INSPECTOR

NOTE:
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED UNDER THIS LATEST REVISION NUMBER AS SHOWN IN THE TABLE OF REVISIONS LOCATED AT THE LOWER LEFT CORNER OF THE DRAWING. ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS. CHECK ALL ISSUED REVISIONS OF THIS DRAWING.

TABLE OF REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	8/26/08	VARIOUS CHANGES BASED ON POLE LAYOUT	SL
2			
3			
4			
5			
6			
7			
8			
9			
10			

REFERENCE INFORMATION	
FILE NO.	OF SURVEY



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



DESIGNED:	DATE:
GD/EF	10/07
DRAWN:	DATE:
CXL	10/07
CHECKED:	DATE:
BC	10/07

APPROVED:	DATE:
SECTION MANAGER	
DEPUTY BUREAU MANAGER	
CITY ENGINEER	

SCALE:
AS SHOWN
SHEET OF SHEETS
62 of 78

CONTRACT 32
TRAFFIC SIGNAL MODIFICATIONS
20TH ST & FOLSOM ST

SPECIFICATION NO.
0985J
DRAWING NO.
E-19.0
FILE NO.
87,528
REV. NO.

CONDUIT RUN NUMBER		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CONDUIT SIZE (INCH)		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CONDUIT SIZE (mm)		53	53	53	53	53	53	53	53	53	53	53	53	53	77	77	53	53			
NOTES									SP							SP					
	SIGNAL 42 (EX)	3	3					3							3						
	SIGNAL 21 (EX)	3	3					3							3						
	SIGNAL 89	2	2					2							2						
	SIGNAL 28	2	2					2							2						
	SIGNAL 41				3			3							3						
	SIGNAL 48				2			2							2						
	SIGNAL 29						2	2							2						
	SIGNAL 62						2	3							3						
	SIGNAL 61 (EX)													3							
	SIGNAL 82 (EX)													2							
	SIGNAL 49													2							
	SIGNAL 68													2							
	SIGNAL 22 (EX)														3	3	3				
	SIGNAL 81 (EX)														3	3	3				
	SIGNAL 69														2	2	2				
	SIGNAL 88														2	2	2				

	3	2	2		3	3	
#14 NEUTRAL							3
#14 SPARE		3			3		
TOTAL #14 WIRES	10	13	5	7	23	10	10
#10 WIRES NEUTRAL		1			2		1
#10 WIRES STREET LIGHT							
#8 WIRES STREET LIGHT							
#8 WIRES (120 V SERVICE)							
#6 BSCW							
INTERCONNECT 12C CABLE							
DLW (DETECTOR LOOP WIRE)							
DLC (DETECTOR LED-IN-CABLE)							
PRE-EMPTION							

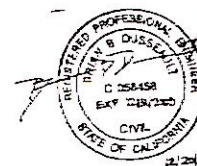
SHEET NOTE:

1. GROUNDING WIRES NOT INCLUDED IN THIS WIRING SCHEDULE. FOR REQUIREMENTS SEE DETAIL.

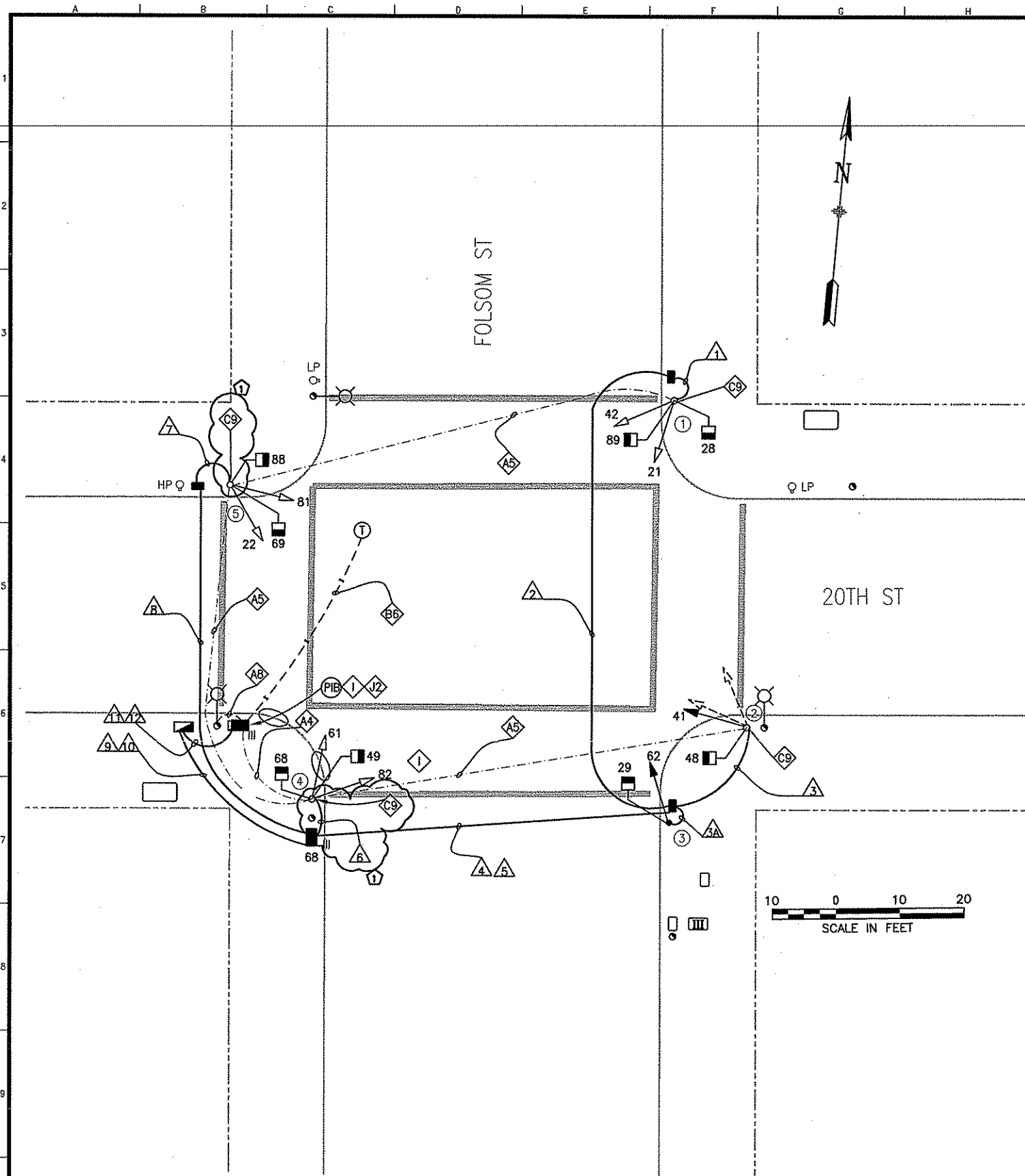
AS-BUILT

Sumathy C. Mos 11/5/09
SIGNED-INSPECTOR

By:



NO. DATE DESCRIPTION NO. OF REVISIONS		REFERENCE INFORMATION & FILE NO. OF SURVEY		BUREAU OF ENGINEERING DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF SAN FRANCISCO		DESIGNED: DATE EF 10/07	APPROVED SECTION MANAGER DATE 1/10/08	SCALE NONE	CONTRACT 32 TRAFFIC SIGNAL MODIFICATIONS	SPECIFICATION NO. 0585J
						DRAWN: DATE CXC 10/07	DEPUTY BUREAU MANAGER DATE 1/10/08	SHEET OF SHEETS 64 of 78	20TH ST & FOLSOM ST SCHEDULE	DRAWING NO. E-19.2
						CHECKED: DATE BC 10/07	CITY ENGINEER DATE 1/10/08			FILE NO. 87,530
										REV. NO. 0



DETAIL NOTES:

- A4 EX CONDUIT AND WIRING. R/C EX CONDUIT AND WIRING. REPAIR SIDEWALK TO MATCH EX.
- A5 EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP END(S). ABANDON CONDUIT IN PLACE.
- C9 CHIP FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARD OR CONTROLLER CABINET AND REPAIR AFTER INSTALLATION.
- A8 EX CONDUIT AND WIRING. R/C EX WIRING EXCEPT PG&E SERVICE.
- B6 EX CONDUIT AND 12/C TO REMAIN.
- I EXTEND 12/C INTERCONNECT TO NEW IC LOCATION. SPLICE TO EX 12/C TO MAINTAIN INTERCONNECT SYSTEM.
- J1 R/S (E) CONCRETE FOUNDATION. F/I (N) CONCRETE FOUNDATION. RE-INSTALL EX POLE IN PLACE.
- J2 RETAIN EX SERVICE WIRES. SPLICE AND EXTEND TO NEW IC LOCATION. F/I 40A IN LINE FUSE AND FUSE HOLDER IN PULL BOX.

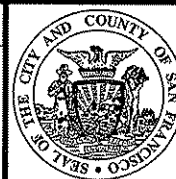
PED SIGNALS ACTIVATED ON 2/10/09 AT 10:49 AM
 ATTENDED BY : GERARDINE DE LEON (DPT),
 RICHARD ITO (SIGNAL SHOP), AND TIM WONG
 (DPW BCM)

NOTE:

THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED UNDER THIS LATEST REVISION NUMBER AS SHOWN IN THE TABLE OF REVISIONS LOCATED AT THE LOWER LEFT CORNER OF THE DRAWING. ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS. CHECK ALL ISSUED REVISIONS OF THIS DRAWING.

NO.	DATE	DESCRIPTION	BY	APP.
17	8/26/08	PCO #1: VARIOUS CHANGES BASED ON POLE LAYOUT	JS	SL
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:
GD/EF	10/07
DRAWN:	DATE:
CXL	10/07
CHECKED:	DATE:
BC	10/07

APPROVED	
SECTION MANAGER	DATE:
DEPUTY BUREAU MANAGER	DATE:
CITY ENGINEER	DATE:

SCALE:
AS SHOWN
SHEET OF SHEETS
62 of 78

CONTRACT 32
TRAFFIC SIGNAL MODIFICATIONS
20TH ST & FOLSOM ST

SPECIFICATION NO.
0985J
DRAWING NO.
E-19.0
FILE NO.
87,528
REV. NO.
1

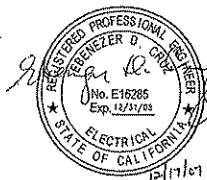
[illegible]

1. GROUNDING WIRES NOT INCLUDED IN THIS WIRING SCHEDULE. FOR REQUIREMENTS SEE DETAIL.

8
E-0,5

[illegible]

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



DESIGNED:	DATE:	APPROVED	
EF	10/07	<i>Jamesat Gueche</i> 10/10/08 SECTION MANAGER DATE:	
DRAWN:	DATE:	<i>M. H.</i> 1/10/08 DEPUTY BUREAU MANAGER DATE:	
CXL	10/07		
CHECKED:	DATE:		
BC	10/07	<i>Jamesat Gueche</i> 10/10/08 CITY ENGINEER DATE:	

SCALE:
NONE
SHEET OF SHEETS
64 of 78

20TH ST & FOLSOM ST
SCHEDULE

SPECIFICATION NO.	0985J
DRAWING NO.	E-19.2
FILE NO.	87,530
REV. NO.	0

Drawing Path: V:\09551_Contract#32_Traffic_Signal Modification_2_Design_Working_Drawings\EEL_BOE Title Block_1.dwg
 Plot Time: Wed, 12 Dec 2007 ~ 10:59am
 Model Units: Feet
 Measurement Units are English