

DETAIL NOTES:

- △1 EX CONDUIT AND WIRING. R/C EX WIRING. F/I NEW WIRING AS NOTED.
- △5 EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP OR DUCT SEAL END(S).
- △2 F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I FUSE AND FUSE HOLDER PER SPDPWSF #49,092.
- △3 F/I TRAFFIC RATED PULL BOX.
- △3 F/I FUSE AND FUSE HOLDERS TO SEPARATE SERVICE FOR THE IC, AND SL. SEE SPDPWSF #49,092.
- △1 EXTEND 12/C INTERCONNECT TO NEW LOCATION. SPLICE TO EXISTING 12/C TO MAINTAIN INTERCONNECT SYSTEM.
- △1 CHIP EX FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARD OR CONTROLLER CABINET AND REPAIR AFTER INSTALLATION.
- △4 EX CONDUIT AND WIRING. R/C EX WIRING AND CONDUIT REPAIR SIDEWALK TO MATCH EX.

SWITCHOVER WED 4-13-05
0947
SIGNAL SHOP: ET, BM
ENGRG: ET
(BCM: TIM WON)

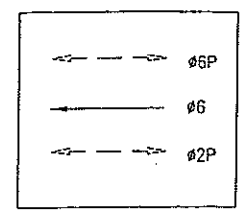
SPECIAL NOTES (FOR THIS SHEET ONLY)

THE CONTRACTOR SHALL MODIFY THE (E) IC CONTROLLER FOUNDATION "A" ACCORDING TO THE ELECTRICAL DETAILS PLAN E-0.4. THE PVC CONDUITS (3-2" & 2-3") SHALL BE IN PROPER LOCATIONS. THE CONTRACTOR SHALL ALSO INSTALL FOUR ANCHOR BOLTS AND A GROUND ROD AS SHOWN ON THE E-0.4 PLAN. SPECIAL ATTENTION SHALL BE PAID TO THE WATER-PROOFING OF THE CONTROLLER FOUNDATION SO THAT NO WATER SHALL GET THROUGH THE FOUNDATION INTO THE GARAGE BELOW. THE CONTRACTOR SHALL CAREFULLY PENETRATE THE CONCRETE WALL OF THE UNION SQUARE GARAGE TO INSTALL THE FIVE CONDUITS OUT TO THE TYPE III PULL BOX AS SHOWN ON THIS DRAWING.

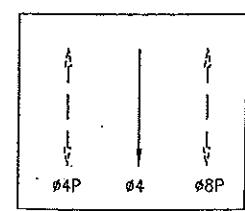
ALL CONDUITS IN BASEMENT SHALL BE GALVANIZED RIGID STEEL CONDUIT.

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 ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.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.

PHASE DIAGRAM:



PHASES 6, 2P, & 6P



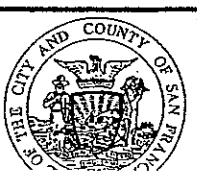
PHASES 4, 4P, & 8P

PHASE SEQUENCE:

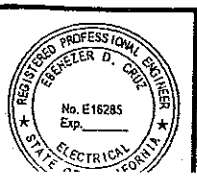
G	Y	R	GEARY ST
R	G	Y R	STOCKTON ST
WM	FRH	RH	PED XING STOCKTON ST
RH	WM	FRH RH	PED XING GEARY ST

NO.	DATE	DESCRIPTION	BY	APP.
1	05/28/04	RELOCATE PULL BOX AND ELIMINATE POLE #4	EF	BC

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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



DESIGNED: DATE: 01/03
G0/DSB
DRAWN: DATE: 01/03
RT
CHECKED: DATE:

APPROVED
SECTION MANAGER DATE:
DEPUTY MANAGER DATE:

SCALE:
1" = 10 feet
SHEET OF SHEETS

**O'FARRELL STREET AND GEARY STREET
PAVEMENT RENOVATION AND
SEWER REPLACEMENT**

TRAFFIC SIGNAL PLAN
GEARY ST AND STOCKTON ST INTERSECTION

SPECIFICATION NO.
0022J
DRAWING NO.
E-2.0
FILE NO.
80,237
REV. NO.

D:\WORKING\Drawings\EL\BOE Title Block.dwg, Login: jf, Date: 02 Jul 2004, 1:54pm
 BOE Title Block (BOE Title Block.dwg)
 Model Units: inches
 Dimension Scale: 120



POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE (HPS)	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
		VOLTAGE/ WATTS	No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
①	STANDARD CITY STREET LIGHT	120V/200W						69	1S-COUNT	SP-1	
②	EX. 1-A (7')							88 (EX.)	1S-COUNT	TP-1 (EX.)	
③	EX. ORNAMENTAL SL		42	3S8"	TV-1 SV-1-T	T		28 89	1S-COUNT 1S-COUNT	SP-1(22") SP-1-SF(12")	⚠
⑤	STANDARD CITY STREET LIGHT	120V/200W	41	3S8"	SV-1-T	T		29 48	1S-COUNT 1S-COUNT	SP-1 SP-1	⬆
⑥	EX. 1-A (10')		62	3S8"	TV-1	T					
⑦	EX 1-A (10')		61 (EX)	3S8"	TV-1 (EX)	T		49 (EX) 68 (EX)	1S-COUNT 1S-COUNT	SP-1 (EX) SP-1 (EX)	

DETAIL NOTE:

⚠ F/I BASEMENT TYPE FOUNDATION. REFER TO SPDPWSF #49,094.

NOTE:
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CONDUIT AND WIRING SCHEDULE (FURNISH AND INSTALL CONDUIT AND WIRES)																	
CONDUIT RUN NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
CONDUIT SIZE (INCH)	1.5	2	2	2	3	2	2	1.5	2	2	2	2	3	2	2	3	2
CONDUIT SIZE (mm)	41	53	53	53	77	53	53	41	53	53	53	53	77	53	53	77	53
NOTES	EX					SP		EX			SP			SP			SP
VEH. SIGNAL 62	3		3		3												
PED. SIGNAL 48		2	2		2												
VEH. SIGNAL 41		3	3		3												
PED. SIGNAL 29		2	2		2												
PED. SIGNAL 49				2	2												
VEH. SIGNAL 61				3	3												
PED. SIGNAL 68				2	2												
VEH. SIGNAL 42							2			2			2				
PED. SIGNAL 89							3			3			3				
PED. SIGNAL 28							2			2			2				
PED. SIGNAL 88								2		2			2				
PED. SIGNAL 69									2	2			2				

06/28/04 RELOCATE PULL BOX AND ELIMINATE POLE #4 NO. DATE DESCRIPTION BY APP. EF BC 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	 REGISTERED PROFESSIONAL ENGINEER E16785 ELECTRICAL STATE OF CALIFORNIA	DESIGNED: DATE: 01/03 GD/EF DRAWN: DATE: 01/03 RT CHECKED: DATE: 01/03 BC	APPROVED SECTION MANAGER DATE: DEPUTY MANAGER DATE: CITY ENGINEER DATE:	SCALE: NONE SHEET OF SHEETS	O'FARRELL STREET AND GEARY STREET PAVEMENT RENOVATION AND SEWER REPLACEMENT CONDUIT AND WIRING SCHEDULE GEARY ST AND STOCKTON ST INTERSECTION	SPECIFICATION NO. 0022J DRAWING NO. E-2.1 FILE NO. 80,238 REV. NO. 1
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Drawing Path: V:\0022J GEARY DOWNTOWN TS UPGRADE\2 Design\Working Drawings\EL\BOE Title Block.dwg, Login: Measurement Units are English
 BOE Title Block [BOE Title Block.dwg]
 Scale: 1"=10'-0"
 Date: 07/01/2004 10:14am