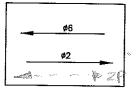


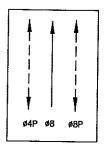
SWITCHED OVER ON 1/8/2003 FLASH @ 10²⁷ AM 3-00LOR @ 10⁴³ AM

-BBD

STEADY DEMAND PHASE DIAGRAM







PHASES 4 & 8

PHASE SEQUENCE

G	Y	R							
R		G	Y						
RH		WM	FRH						
A I I	- 1	C. September 1997							

OCEAN AVE

PED XING OCEAN

SHEET NOTE:

 ADDITIONAL CONDUIT AND 12/C TO BE FURNISHED AND INSTALLED AT THIS INTERSECTION ARE SHOWN ON DWG ET-40.

DETAIL NOTES:

- EX CONDUIT AND WIRING. R/C EX TS WIRING. F/I NEW WIRING AS NOTED.
- EX CONDUIT AND WIRING. R/C EX WIRING AND CONDUIT. REPAIR SIDEWALK TO MATCH EX.
- EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT FLUSH TO PULL BOX OR 12" DEPTH, CAP END(S).
- CHIP EX FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARD OR CONTROLLER CABINET AND REPAIR AFTER INSTALLATION.
- E R/C EX PULL BOX. REPAIR SIDEWALK TO MATCH EX.
- F/I IN-LINE FUSE HOLDER W/ 40A FUSE FOR IC SERVICE. SPLICE NEW WIRES TO EX PG&E SERVICE TO SUPPORT NEW IC.
- FF EX PG&E SERVICE WIRES TO REMAIN.

FOR ORIGINAL SIGNATURES, SEE DRAWING NO. ET-11, REV. O

REFERENCE INFORMATION & FILE NO. OF SURVEYS

3/02 PCO#3 -- REISSUE PCO#1 (SUPERSEDES REV. 1) BC BBD

5/9/01 PER NEW M-SF REQUIREMENT BC BBD

NO. DATE DESCRIPTION BY APP.

TABLE OF REVISIONS

CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION



BUREAU OF ENGINEERING

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO

DESIGNED:	DATE:	APPROVED	
CL/CF/JM	8/00		
DRAWN:	DATE:	SECTION MANAGER	DATE:
EF/JS	8/00	Diagoni Mallago	
CHECKED:	DATE:	DIVISION MANAGER	DATE:
TS/NKS	8/00	CITY ENGINEER	DATE;

SHEET OF SHEETS

OCEAN AVENUE RECONSTRUCTION
AND IMPROVEMENTS PROJECT

OCEAN AVE. TRAFFIC SIGNAL UPGRADE
OCEAN AVE. AND VICTORIA AVE.

MUNI METRO SYSTEM

MR-1130

DRAWING NO.

ET-11

FILE NO.

75,261

REV. NO.

2

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	CONDUIT SIZE (mm)	53	53	53	53	53	53	53	77	53	53	53	40(53	53	$\sqrt{2}$		-	ļ							
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	#10 WIRES NEUTRAL		1		2		1		2		<i>t</i>		-1	2	<i>j</i>			- i							\longrightarrow	
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ľ	#8 WIRES (STREET LIGHT)			\dashv						~		-		$\stackrel{\smile}{-}$									<u> </u>	-		
	DETECTOR LEAD-IN CABLE	·				$\neg \neg \uparrow$																				
ŀ	#6 BSCW										1			\dashv												
	6.35mm (1/4") NYLON PULL ROPE	**										1		_	+											

OLE No.		LUMINAIRE (HPS)							
No.	TYPE OF POLE	VOLTAGE/	No.	TYPE	MOUNTING (F/)	No.	TYPE	MOUNTING	REMARKS
(A)	1-A (10')		62	358*	TV-1	48	1S-IN	SP-1	
B	16-1-70 WITH 8' MASTARM		61 82 64	3S8" 3S8" 3S12"	SV-2-T-SF	49	15-IN	SP-1	BACKPLATE
©	EX CONCRETE STANDARD		22 81	358" 358"	TV-2-T	88	1S-IN	SP-1	
0	16-1-70 WITH 8' MASTARM		21 24	3S8* 3S12*	SV-1-T MAS	89	1S-IN	SP-1	BACKPLATE
									,
				}					

FOR ORIGINAL SIGNATURES, SEE DRAWING NO. ET-12, REV. 0

			\vdash		REFERENCE INFORMATION & FILE NO. OF SURVEYS
Δ	3/02	PCO#3 - REISSUE PCO#1 (SUPERSEDES REV. 1)	ac.	BBD	
Λ	5/9/01	PER NEW M-SF REQUIREMENT	8C	BBD	
NO.	DATE	DESCRIPTION	BY	APP.	-
	CHEC	TABLE OF REVISIONS K WITH TRACING TO SEE IF YOU HAVE LATEST REVISION			



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

DESIGNED:	DATE:	APPROVED			
		MERKUYED	SCALE:	MUNI METRO SYSTEM	SPECIFICATION NO.
CL/CF/JM	8/00		NONE	OCEAN AVENUE RECONSTRUCTION	MR-1130
DRAWN:	DATE:	SECTION MANAGER DATE:	.,,,,,,	AND IMPROVEMENTS PROJECT	DRAWING NO.
EF/JS	8/00		OUTET OF OUTETO	AND IMI NOVEMBRIO PROJECT	ET-12
		DIVISION MANAGER DATE:	SHEET OF SHEETS	OCEAN AVE. TRAFFIC SIGNAL UPGRADE	FILE NO. 75,262
CHECKED:	DATE:			· · · · · · · · · · · · · · · · · · ·	
TS/NKS	8/00	CITY ENGINEER DATE:		OCEAN AND VICTORIA AVES SCHEDULE	REV. NO.