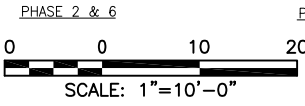
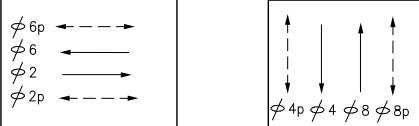


Type III Box = x3  
Type 48X = x1  
1-2\" GRC = x4ft

NOTE;  
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTED  
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VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.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: (STEADY DEMAND)



### CONDUIT

F/1 1-2\" GRS; WIRING PER SHEET NOTE 2.

### SHEET NOTES

- CONTRACTOR TO PROVIDE APS WIRING. CITY FORCES TO PROVIDE APS PUSH BUTTON PER ADA REQUIREMENTS.
- PROVIDE NEW WIRING TO MATCH EXISTING WIRING AND QUANTITY BACK TO CONTROLLER WITHOUT SPLICING. IF EXISTING WIRING HAS ENOUGH SLACK, CONTRACTOR HAS OPTION TO REUSE WITH SFMTA APPROVAL.
- CONTRACTOR TO [AB] LOOP DETECTORS. CITY FORCES TO INSTALL WIRELESS SENSYS DETECTORS IN PLACE OF LOOP DETECTORS.
- ADJUST POLE TO FINISHED GRADE. COUPLE AND EXTEND ANCHOR BOLTS PER REVISED CALTRANS STANDARD PLANS RSP ES-7B DETAIL C.

NOT USED.

REUSE AND [RL] EXISTING MAST ARM POLE AS INDICATED BY POLE D ON NEW FOUNDATION. [RL] EXISTING STREET LIGHT FIXTURE. [RC] EXISTING TRAFFIC SIGNAL EQUIPMENT, MOUNTINGS, ASSOCIATED CONDUIT, AND FOUNDATION. PROVIDE NEW TRAFFIC SIGNALS AND MOUNTINGS PER POLE AND EQUIPMENT SCHEDULE. PROVIDE TEMPORARY SIGNAL AND LIGHTING AS REQUIRED.

NOT USED.

### POLE AND EQUIPMENT SCHEDULE (EXISTING POLE AND EQUIPMENT UNLESS OTHERWISE NOTED)

POLE	STANDARD			VEHICLE SIGNAL			PEDESTRIAN SIGNAL			APS	FIXTURE TYPE	SPECIAL REQUIREMENT
	TYPE	SMA	LMA	No.	TYPE	MOUNTING	No.	TYPE	MOUNTING			
A	15TS	—	8	81	3S12"	SV-1-T	88	1S-COUNT	SP-1-T	ø6P	108 (LED)	BACKPLATE
B	1-A(10')	—	—	65	3S12"	TV-1-T	69	1S-COUNT	SP-1-T	ø8P	—	BACKPLATE
C	1-A(10')	—	—	21	3S12"	TV-1-T	28	1S-COUNT	SP-1-T	ø8P	—	BACKPLATE
D	24-4-100	35	8	42 85 24	3S12" 3S12" 3S12"	SV-2-TA MAS	89	1S-COUNT	SP-1	ø2P		BACKPLATE
E	15TS	—	8	41	3S12"	SV-1-T	48	1S-COUNT	SP-1-T	—	108 (HPS)	BACKPLATE
F	PBA POST (5')	—	—	—	—	—	—	—	—	ø2P	—	—
G	15TS	—	8	25	3S12"	SV-1-T	29	1S-COUNT	SP-1-T	ø4P	108 (LED)	BACKPLATE
H	19-2-100	25	8	61 64	3S12" 3S12"	SV-1-T MAS	68	1S-COUNT	SP-1	—	108 (LED)	BACKPLATE
I	PBA POST (5')	—	—	—	—	—	—	—	—	ø4P	—	—
J	1-A(10')	—	—	82 45	3S12" 3S12"	TV-2-T	49	1S-COUNT	SP-1-T	ø6P	—	BACKPLATE

NO.	DATE	DESCRIPTION	BY	APP.
1	10/28/20	PCO#2 POLE RELOCATION	KS/MA	MV
TABLE OF REVISIONS				
THIS DRAWING WAS LAST MODIFIED: 02/24/21 11:21, BY: MAUNG				

REFERENCE INFORMATION  
& FILE NO. OF SURVEYS



BUREAU OF ENGINEERING  
CITY & COUNTY OF SAN FRANCISCO  
SAN FRANCISCO PUBLIC WORKS  
30 VAN NESS AVENUE, 5TH FLOOR  
SAN FRANCISCO, CA 94102 - 6028

Acting Section Mgr: PHILIP THWIN  
Deputy Bureau Mgr: FERNANDO CISNEROS  
Acting Bureau Mgr: IQBAL DHAPA

DESIGNED: DATE: KS/DG 02/2018  
DRAWN: DATE: KS/DG 02/2018  
CHECKED: DATE: MV/SL 02/2018



SCALE: AS SHOWN  
SHEET OF SHEETS 120 OF 356

19TH AVENUE (STATE ROUTE 1)  
COMBINED CITY PROJECT  
19TH AVENUE AND IRVING STREET

CONTRACT NO. 1000005832  
DRAWING NO. E-20.0  
FILE NO. 111,417  
REV. NO. 1

Xrefs: V:\SID\_QTR\orthogrid.dwg  
DE1\_TBD.dwg  
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Model Units: Undefined  
Drawing Path: V:\2652J\_19th\_Avenue\_Combined\_City\_Project\3\_Construction\Design\_Team\EEL\19th Ave Pole Relocation\19th Avenue\_Schedule-02242021.dwg, Login: Maung  
Plot Time: Wed, 24 Feb 2021 - 11:21am