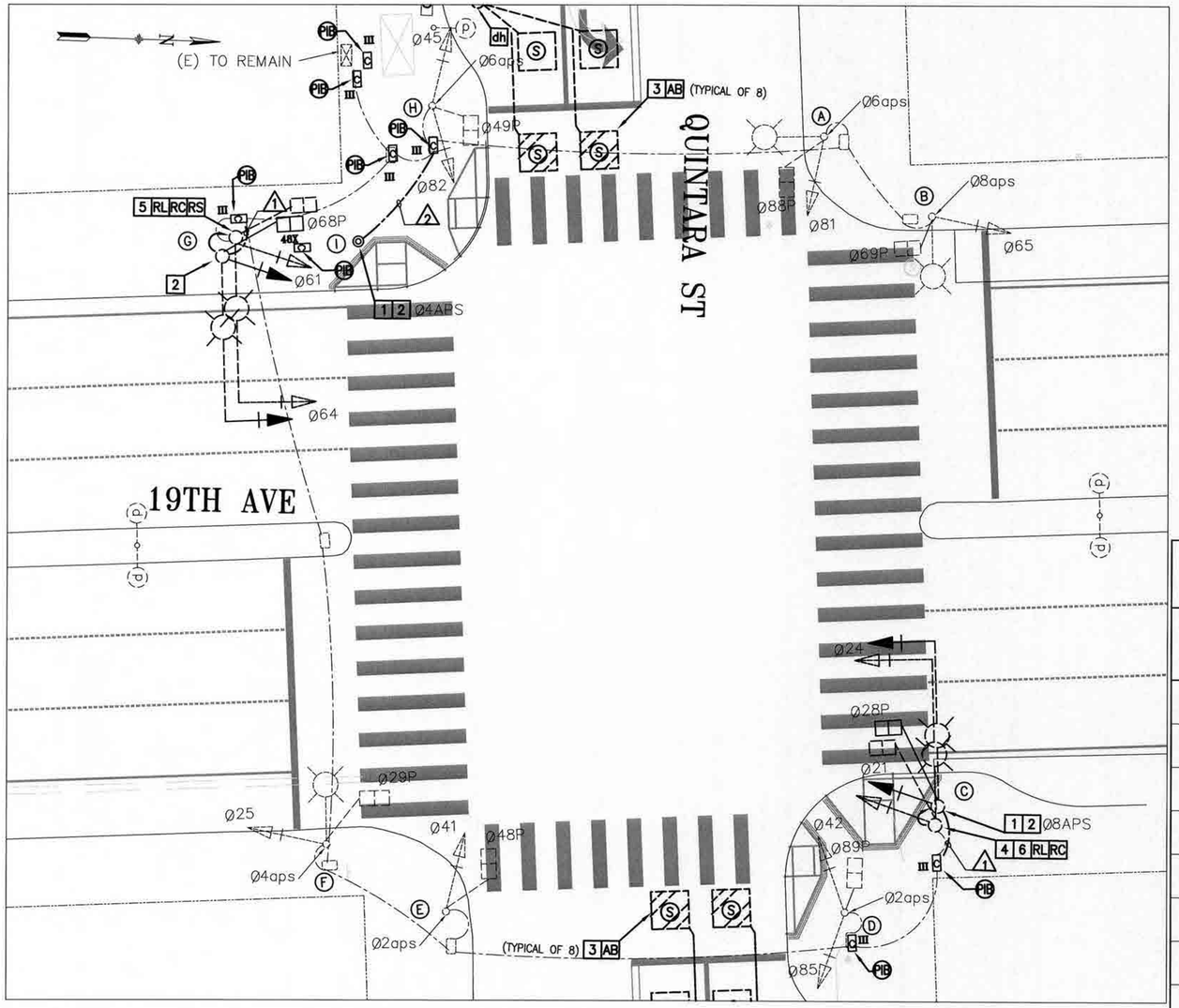


CONDUIT

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

2 F/I 1-1" PVC; WIRING PER SHEET NOTE 2.

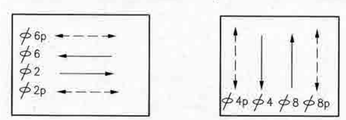
SHEET NOTES

1. CONTRACTOR TO PROVIDE WIRING. CITY FORCES TO PROVIDE APS PUSH BUTTON PER ADA REQUIREMENTS.
2. 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.
3. CONTRACTOR TO AB LOOP DETECTORS. CITY FORCES TO INSTALL WIRELESS SENSYS DETECTORS IN PLACE OF LOOP DETECTORS.
4. CONTACT SFMTA SIGNAL SHOP 5 DAYS PRIOR TO CONSTRUCTION TO RS GTT TRANSIT PRIORITY RADIO EQUIPMENT.
5. REUSE AND RL EXISTING MAST ARM POLE AS INDICATED BY POLE G 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.
6. REUSE AND RL EXISTING MAST ARM POLE AS INDICATED BY POLE C 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.

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	15TS	–	8	65	3S12"	SV-1-T	69	1S-COUNT	SP-1-T	ø8P	108 (LED)	BACKPLATE
C	19-2-100	25	8	**21** **24**	**3S12"** **3S12"**	**SV-1-T** **MAS**	**28**	**1S-COUNT**	**SP-1**	**Ø8P**	108 (LED)	**BACKPLATE**
D	1-A(10')	–	–	42 85	3S12" 3S12"	TV-2-T	89	1S-COUNT	SP-1-T	ø2P	–	BACKPLATE
E	1-A(10')	–	–	41	3S12"	TV-1-T	48	1S-COUNT	SP-1-T	ø2P	–	BACKPLATE
F	15TS	–	8	25	3S12"	SV-1-T	29	1S-COUNT	SP-1-T	ø4P	108 (LED)	BACKPLATE
G	19-2-100	25	8	**61** **64**	**3S12"** **3S12"**	**SV-1-T** **MAS**	**68**	**1S-COUNT**	**SP-1**	–	108 (LED)	**BACKPLATE**
H	1-A(10')	–	–	45 82	3S12" 3S12"	TV-2-T	49	1S-COUNT	SP-1-T	ø6P	–	BACKPLATE
I	**PBA POST (5')**	–	–	–	–	–	–	–	–	**Ø4P**	–	–

PHASE DIAGRAM: (STEADY DEMAND)



PHASE 2 & 6 PHASE 4 & 8

10 0 10 20
SCALE: 1"=10'-0"

PLAN APPROVAL DATE	CONTRACT No.	PROJECT ID	DISTRICT	COUNTY	ROUTE	POST MILES TOTAL PROJECT
	04-0G3501	0400000325	04	SF	1	R0.94/4.05

NO.	DATE	DESCRIPTION	BY	APP.

TABLE OF REVISIONS
THIS DRAWING WAS LAST MODIFIED: 12/18/18 17:56, BY: dgargaritano

REFERENCE INFORMATION & FILE NO. OF SURVEYS

SEAL OF THE CITY AND COUNTY OF SAN FRANCISCO

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

		Date:
Acting Section Mgr:	PHILIP THWIN	12/11/19
Deputy Bureau Mgr:	FERNANDO CISNEROS	12/16/19
Acting Bureau Mgr:	IQBAL DHAPA	12/16/19

	DATE:
DESIGNED: KS/DG	03/2017
DRAWN: KS/DG	02/2018
CHECKED: MV/SL	02/2018

REGISTERED PROFESSIONAL ENGINEER STEVEN T. LEE NO. E15417 ELECTRICAL STATE OF CALIFORNIA 12/10/19

SCALE: AS SHOWN

SHEET OF SHEETS: 111 OF 356

19TH AVENUE (STATE ROUTE 1)
COMBINED CITY PROJECT

19TH AVENUE AND QUINTARA STREET

CONTRACT NO. 1000005832
DRAWING NO. E-12.0
FILE NO. 111,408
REV. NO.

REGISTERED PROFESSIONAL ENGINEER STEVEN T. LEE NO. E15417 ELECTRICAL STATE OF CALIFORNIA EXP. 6/30/2021

Xrefs: V:\2652J_19th_Avenue_Combined_City_Project\2_Design\Working_Drawings\EEL\Current\Xref\DE1_TBD.dwg
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V:\2652J_19th_Avenue_Combined_City_Project\2_Design\Working_Drawings\EEL\Current\Xref\19th Ave_N_ROADWAY_Striping.dwg
V:\2652J_19th_Avenue_Combined_City_Project\2_Design\Working_Drawings\EEL\Current\Xref\X-DSGN-19th Ave Striping 113017.dwg

Drawing Path: V:\2652J_19th_Avenue_Combined_City_Project\2_Design\Working_Drawings\EEL\Current\E-12.0-QuintaraStreet.dwg
Plot Time: Wed, 04 Dec 2019 - 6:28pm
Plot By: dgargaritano
Model Units: Undefined
Measurement Units are English