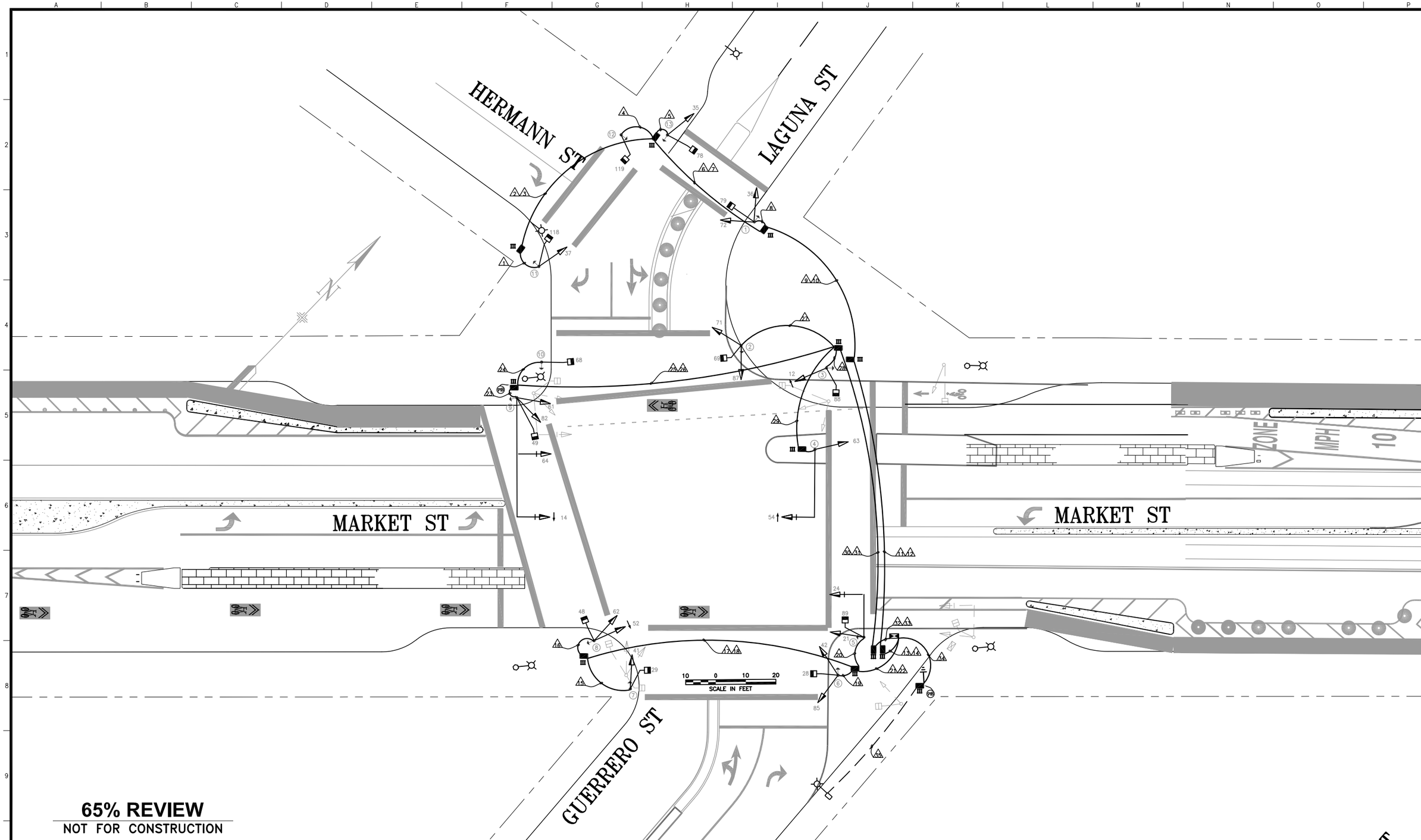

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NOT FOR CONSTRUCTION

NO.	DATE	DESCRIPTION	BY	APP.

TABLE OF REVISIONS
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SEAL OF THE CITY AND COUNTY OF SAN FRANCISCO

SAN FRANCISCO PUBLIC WORKS

BUREAU OF DESIGN & 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	
Deputy Bureau Mgr:	IQBALBHAI DHAPA	
Bureau Mgr:	PATRICK RIVERA	

DESIGNED:	DATE:
DRAWN: JHC	DATE: 04/11/18
CHECKED: MG	DATE: 04/19/18

REGISTERED PROFESSIONAL ENGINEER
STEVEN T. LEE
NO. E15417
ELECTRICAL
STATE OF CALIFORNIA

SCALE: AS SHOWN

SHEET OF SHEETS: X OF X

UPPER MARKET CORRIDOR
SAFETY IMPROVEMENTS PROJECT

MARKET STREET, GUERRERO STREET AND LAGUNA STREET

CONTRACT NO. 2485J

DRAWING NO. ET-4.0

FILE NO.

REV. NO. 0

Drawing Path: V:\2485J_Upper_Market_Corridor_Safety_Improvements\2_Design\Working_Drawings\EEL\Current\Signal_Dimensions\Signal\2_211_18.dwg, Login: dgangitano
Plot Time: Wed, 20 Feb 2019 - 2:39pm
Model Units: Undefined
Measurement Units are English

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	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
CONDUIT SIZE (INCH)	2	2	2	2	2	3	2	2	3	2	3	2	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	2	3	2	3	2	2	EX
			SP				SP			SP		SP		SP				SP				SP				SP					SP		SP		
NOTES																																			
VEHICLE SIGNAL 37	3	3				3			3		3		3																						
PED SIGNAL 118	2	2				2			2		2		2																						
APS PPB FOR XING HERMANN ON POLE 11	2	2				2			2		2		2																						
PED SIGNAL 119				2		2			2		2		2																						
APS PPB FOR XING HERMANN ON POLE 12				2		2			2		2		2																						
VEHICLE SIGNAL 35					3	3			3		3		3																						
APS PPB FOR XING LAGUNA ON POLE 13					2	2			2		2		2																						
PED SIGNAL 78					2	2			2		2		2																						
VEHICLE SIGNAL 36								3	3		3		3																						
PED SIGNAL 79								2	2		2		2																						
APS PPB FOR XING LAGUNA ON POLE 1								2	2		2		2																						
VEHICLE SIGNAL 72								3	3		3		3																						
VEHICLE SIGNAL 41															3		3				3														
PED SIGNAL 29															2		2				2														
APS PPB FOR XING GUERRERO ON POLE 7															2		2				2														
VEHICLE SIGNAL 62																3	3				3														
VEHICLE SIGNAL 52																4	4				4														
PED SIGNAL 48																2	2				2														
APS PPB FOR XING MARKET ON POLE 8																2	2				2														
VEHICLE SIGNAL 42																			3		3														
VEHICLE SIGNAL 85																			3		3														
PED SIGNAL 28																			2		2														
APS PPB FOR XING GUERRERO ON POLE 6																			2		2														
VEHICLE SIGNAL 24																				3	3														
VEHICLE SIGNAL 21																				3	3														
PED SIGNAL 89																				2	2														
APS PPB FOR XING MARKET ON POLE 5																				2	2														
VEHICLE SIGNAL 14																							3		3					3		3			
VEHICLE SIGNAL 64																							3		3					3		3			
VEHICLE SIGNAL 82																							3		3					3		3			
VEHICLE SIGNAL 61																							3		3					3		3			
PED SIGNAL 49																							2		2					2		2			
APS PPB FOR XING MARKET ON POLE 9																							2		2					2		2			
PED SIGNAL 68																								2	2					2		2			
APS PPB FOR XING LAGUNA ON POLE 10																								2	2					2		2			
VEHICLE SIGNAL 71																											3			3		3			
VEHICLE SIGNAL 87																											3			3		3			
PED SIGNAL 69																											2			2		2			
APS PPB FOR XING LAGUNA ON POLE 2																											2			2		2			
VEHICLE SIGNAL 12																												4		4		4			
PED SIGNAL 88																												2		2		2			
APS PPB FOR XING MARKET ON POLE 3																												2		2		2			
VEHICLE SIGNAL 54																													3	3		3			
VEHICLE SIGNAL 63																													3	3		3			
#14 NEUTRAL	2			1	2			3							2	3			3	3			5	1			3	3	2						
#14 SPARE		3				3			3		3		3				3				3				3					3		3			
TOTAL #14 WIRES	9	10		5	9	19		15	31		31		31		9	14	21		13	13	41		21	5	23		13	13		47		47			
#10 WIRES NEUTRAL		1				2			2		3		3				1				1				1					2		2			
#10 WIRES STREET LIGHT																																			
#8 WIRES STREET LIGHT																																			
#8 WIRES 120V SERVICE																																		2	2

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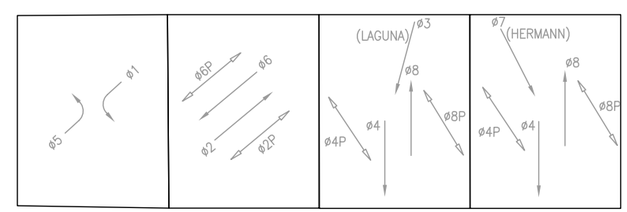
POLE AND EQUIPMENT SCHEDULE

POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/ WATTAGE	VEHICLE SIGNAL No.	VEHICLE SIGNAL TYPE	VEHICLE SIGNAL MOUNTING	VEHICLE SIGNAL VISORS	VEHICLE SIGNAL LOUVERS	PEDESTRIAN SIGNAL No.	PEDESTRIAN SIGNAL TYPE	PEDESTRIAN SIGNAL MOUNTING	REMARKS
1	1-A (13')		36 72	3S12" 3S12"	SV-2-TA	T LA		79	1S-COUNT	SP-1	APS
2	1-A (13')		77 87	3S12"" 3S12"	SV-2-TA	LA T		69	1S-COUNT	SP-1	APS
3	1-A (13')		12 81	3S12" 3S12"	SV-2-TA	T T		88	1S-COUNT	SP-1	APS
4	17-2-100 25' MAST ARM		54 63	3S12"LA 3S12"	MAS SV-1-T	T T					BACK PLATE BACK PLATE
5	17-2-100 15' MAST ARM		21 24	3S12" 3S12"	SV-1-T MAS	T T		69	1S-COUNT	SP-1	APS BACK PLATE
6	1-A (13')		42 85	3S12" 3S12"	SV-2-TA	T T		28	1S-COUNT	SP-1	APS
7	1-A (13')		41	3S12""	SV-1-T			29	1S-COUNT	SP-1	APS
8	1-A (13')		52 62	3S12"LA 3S12"	SV-2-TA	T T		48	1S-COUNT	SP-1	APS
9	26-3-100 40' MAST ARM		14 64 61	3S12"LA 3S12" 3S12"	MAS MAS SV-1-T	T T T					BACK PLATE BACK PLATE APS
10	1-A (10')							68	1S-COUNT	SP-1	APS
11	1-A (13')		75 37	3S12" 3S12"	SV-2-TA	T RA		118	1S-COUNT	SP-1	APS
12	1-A (10')		61	3S12"	SV-1-T			119	1S-COUNT	TP-1	APS
13	1-A (10')		35 82	3S12" 3S12"	SV-2-TA	T T		78	1S-COUNT	SP-1	APS



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UPPER MARKET CORRIDOR
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MARKET STREET, GUERRERO STREET, AND LAGUNA STREET CONDUIT AND WIRING SCHEDULE

CONTRACT NO. 2485J
DRAWING NO. ET-4.1
FILE NO.
REV. NO. 0

Drawing Path: V:\2485J_Upper_Market_Corridor_Safety_Improvements\2_Design\Working_Drawings\EEL\Current\Signal_Upper_Market\2485J_ET-4.1_16.dwg, Login: dgargaritano
Plot Time: Wed, 20 Feb 2019 - 2:39pm
Model Units: Undefined
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