

PROJECT NOTES

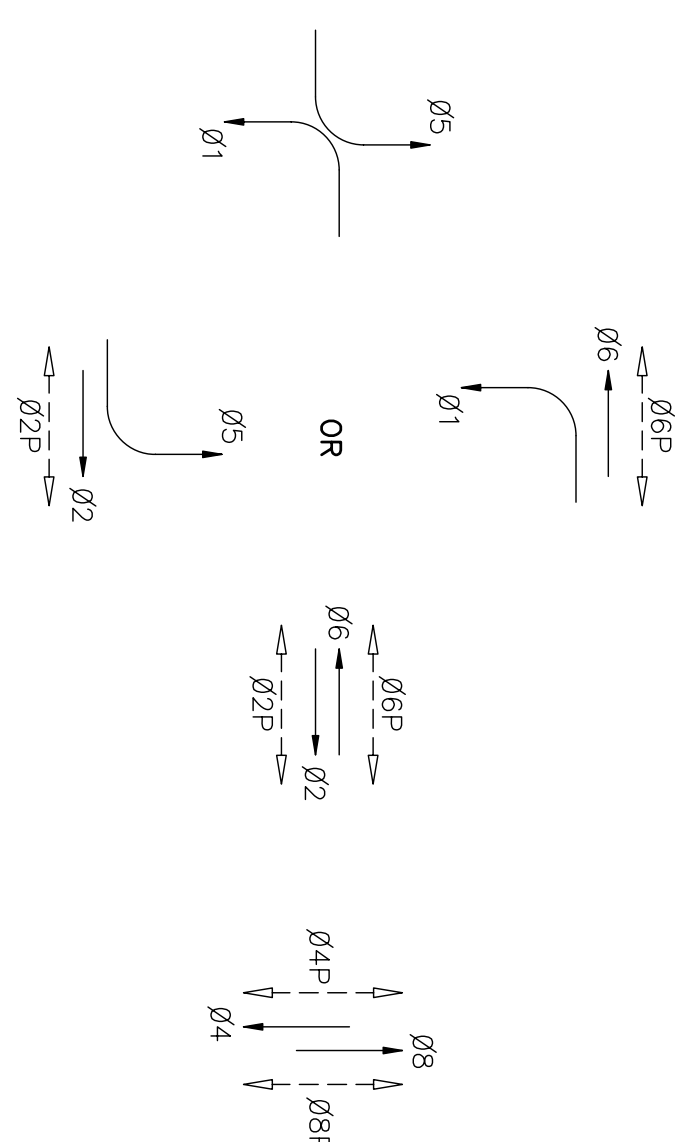
- 1] INSTALL 120/240 V, 1Ø, 3 WIRE, TYPE III-GR SERVICE EQUIPMENT ENCLOSURE WITH THE FOLLOWING CIRCUIT BREAKERS:
 - CALTRANS ID No. (08540620012400M)
- SINGLE PHASE (TC-1)

AMPERES VOLTS	LOAD	METER	PHOTOELECTRIC CONTROL TYPE
100	240	2	MAIN BREAKER
50	120	1	TRAFFIC SIGNAL
---	---	4	SPACE
- SINGLE PHASE (LS-3)

AMPERES VOLTS	POLES	LOAD	METER	PHOTOELECTRIC CONTROL TYPE
100	240	2	MAIN BREAKER	YES
30	240	2	LIGHTING	YES
15	120	1	LIGHTING CONTROL	YES
- 2] EXISTING MODEL 179E CONTROLLER ASSEMBLY AND BATTERY BACKUP SYSTEM TO LOCATION SHOWN ON SHEET 12.
- 3] EXISTING TYPE A SERVICE.
- 4] EXISTING POLE WITH LUMINAIRE, SIGNAL HEADS AND SIGNS.
- RR] EXISTING PPB AND PEDESTRIAN SIGNALS.
- RS] EXISTING SIGNAL HEADS.
- 6] REFER TO SIGN PLANS FOR SIGN DETAILS.
- 7] EXISTING PPB AND PEDESTRIAN SIGNAL.

ABBREVIATIONS

SCE	-	SOUTHERN CALIFORNIA EDISON
TC-1	-	SEE TRAFFIC CONTROL RATE
LS-3	-	SEE LIGHTING RATE
MID	-	MIDDLE
ADV	-	ADVANCED



CONDUIT AND CONDUCTOR SCHEDULE

CABLE SCHEDULE	CONDUIT RUN AND SIZE											
	POLE	PHASE	Δ1	Δ2	Δ3	Δ4	Δ5	Δ6	Δ7	Δ8		
VEH-PED 120SC	A	1.6,6P	4	1	1						1	
	B	4.8,4P	6	2	2						1	
	C	8.8P	6	1	1	1					1	
	D	5.6,6P	8	1	1	1	1				1	
	E	2.5,2P	8	1	1	1	1	1			1	
	F	4.8,8P	2	2	2				2	2	2	
	G	4.4P	2	1	1				1	1	1	
	H	1.2,2P	4	1	1				1	1	1	
	TOTAL			10/8	10/8	3/3	2/2	1/1	2/1	3/2	4/3	5/4
	AWG	CIRCUIT										
#8	LIGHTING		2	2	2			2	2	2		
#8	GROUND	2	2	1	1	1	1	1	1	1	1	
	EVG	4	4	2	1	1	1	1	1	2		
DETECTORS - TYPE B DLC												
PHASE												
Ø1			2	2	2							
Ø2			1	1					1	1		
Ø2 MID			1	1					1	1		
Ø2 ADV			2	2					2	2		
Ø4			2	2								
Ø4 MID			1									
Ø4 ADV			2									
Ø5			2	2						2	2	
Ø6			1	1	1	1						
Ø6 MID			1	1	1	1						
Ø6 ADV			2	2	2	2						
Ø8			2	2					2	2	2	
Ø8 MID			1	1					1	1	1	
Ø8 ADV			2	2					2	2	2	
TOTAL			22	19	6	6	0	5	5	11	11	
CONDUIT SIZE			2-4"	4"	4"	3"	2"	3"	4"	4"	4"	

POLE AND EQUIPMENT SCHEDULE

STANDARD	VEH SIG	MTG	POLE	Ped	HTS	SPECIAL REQUIREMENTS
No.	TYPE	SMA	MAST ARM	HTG MFG	Ø	
A	26-4-100	45	MAS SV-1-T	SP-1-T	4	D3-1 SIGN (ROUTE 247), SR39 (CA) SIGN, F=20.4
B	1-A		TV-2-T	SP-1-T	6	
C	29-5-100	50	MAS SV-1-T	SP-1-T	6	D3-1 SIGN (ROUTE 62), R10-12 AND R3-4 SIGNS.
D	1-A		TV-2-T	SP-1-T	8	
E	26-4-100	40	MAS SV-1-T	SP-1-T	8	D3-1 SIGN (JOSHUA LANE), SR39A (CA) SIGN, F=22.7
F	1-A		TV-2-T	SP-1-T	2	
G	26-4-100	35	MAS SV-1-T	SP-1-T	2	D3-1 SIGN (ROUTE 62), R10-12 AND R3-4 SIGNS.
H	1-A		TV-2-T	SP-1-T	4	

- A] NEW POLE TO BE INSTALLED ON NEW FOUNDATION DIRECTLY IN FRONT OF OLD FOUNDATION OR AS DIRECTED BY FIELD ENGINEER.
- B] RELOCATE/REUSE PREEMPTION, RE-USE THROUGH HEAD AND PED HEAD FROM EXISTING MAST ARM.
- C] RELOCATE EXISTING POLE FROM [C] AND INSTALL AT LOCATION [C]. INSTALL MAST ARM FOR NEW LOCATION.

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

PERMIT NO.: 08-09-N-MC-0458



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REVISIONS

#	REVISIONS	DATE	APP.

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PREPARED UNDER THE DIRECT SUPERVISION OF:
 NAME: _____ EXP: 12/31/11 DATE: _____

RECOMMENDED FOR APPROVAL BY:
 APPROVED BY TOWN OF YUCCA VALLEY DATE: _____

TOWN OF YUCCA VALLEY
 S.R. 62 AND S.R. 247
 MEDIAN ISLAND
 IMPROVEMENTS
 CONDUIT AND CABLE

SHEET 14 OF 14
 PRINTING REFERENCE 14
 CITY REFERENCE #

