

GENERAL NOTES:

- A. THIS PLAN IS BEING GENERATED TO DOCUMENT AS-BUILT CONDITIONS, AND TO REVIEW THE IN PLACE TRAFFIC SIGNAL INSTALLATION TO VERIFY COMPLIANCE WITH CURRENT APPLICABLE REGULATIONS. UNDERGROUND UTILITY CONSTRUCTION IS NOT A PART OF THE ENGINEER'S REVIEW, BUT IS SHOWN FOR INFORMATIONAL PURPOSES ONLY PER PREVIOUS AS-BUILT PLANS.
- B. TRAFFIC SIGNAL AND HIGHWAY LIGHTING CONSTRUCTION SHOWN HEREON CONFORMED TO THE VERSION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS AND THE CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES THAT WAS CURRENT AT THE TIME THE TRAFFIC SIGNAL WAS INSTALLED.
- C. TRAFFIC SIGNAL PHASING AND SIGNAL TIMING IN PLACE AT THE INTERSECTION SHALL BE AS DIRECTED BY THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVE.

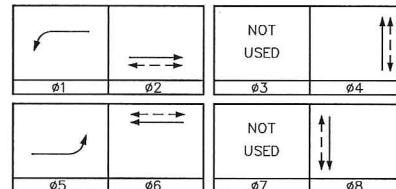
SENSOR TABLE ■			
SENSOR UNIT	CHANNEL	DETECTOR	ASSIGNMENT
1	▲ 1	1-02-S	EXTENSION
	2	2-02-S	NORMAL
2	1	3-02-S	NORMAL
	2	1-05-S	NORMAL
3	▲ 1	1-06-N	EXTENSION
	2	2-06-N	NORMAL
4	1	3-06-N	NORMAL
	2	1-01-N	NORMAL
5	1	1-08-W	NORMAL
	2	1-04-E	NORMAL

■ ALL EQUIPMENT EXISTING.

▲ INTEGRAL CALL HOLD CAPABILITY (0-5 SECONDS, MINIMUM)

♦ INTEGRAL CALL DELAY CAPABILITY (0-30 SECONDS, MINIMUM)

SIGNAL PHASE DIAGRAM



POLE SCHEDULE																
POLE LOCATION	SIGNAL- STANDARD			LUMINAIRE SIZE/TYPE	MOUNTINGS			PEDESTRIAN PUSH BUTTON			BIKE PUSH BUTTON			POLE LOCATION		I.I.S.N.S.
	TYPE	MAST ARM			VEHICLE		PEDESTRIAN	PHASE	TYPE	QUAD	PHASE	TYPE	QUAD	A	B	
		SIG.	LUM.		POLE	MAST ARM										
(A)	61-5-161	60'	12'	250W	SV-1-T	3-MAS F=17', 12'	* SP-1-T	Ø8	B	N	-	-	-	EXISTING	EXISTING	La Cresta Dr
(B)	1-A	-	-	-	TV-2-T	-	* SP-1-T	Ø6	B	E	Ø8	A	N	EXISTING	EXISTING	-
(C)	1-A	-	-	-	TV-1-T	-	* SP-1-T	Ø6	B	E	-	-	-	EXISTING	EXISTING	-
(D)	1-A	-	-	-	TV-1-T	-	* SP-1-T	Ø4	B	S	-	-	-	EXISTING	EXISTING	-
(E)	29-5-161	55'	12'	250W	SV-1-T	3-MAS F=20', 12'	* SP-1-T	Ø4	B	S	-	-	-	EXISTING	EXISTING	La Cresta Dr
(F)	1-A	-	-	-	TV-2-T	-	* SP-1-T	Ø2	B	W	Ø4	A	S	EXISTING	EXISTING	-
(G)	1-A	-	-	-	TV-1-T	-	* SP-1-T	Ø2	B	W	-	-	-	EXISTING	EXISTING	-
(H)	1-A	-	-	-	TV-1-T	-	* SP-1-T	Ø8	B	N	-	-	-	EXISTING	EXISTING	-

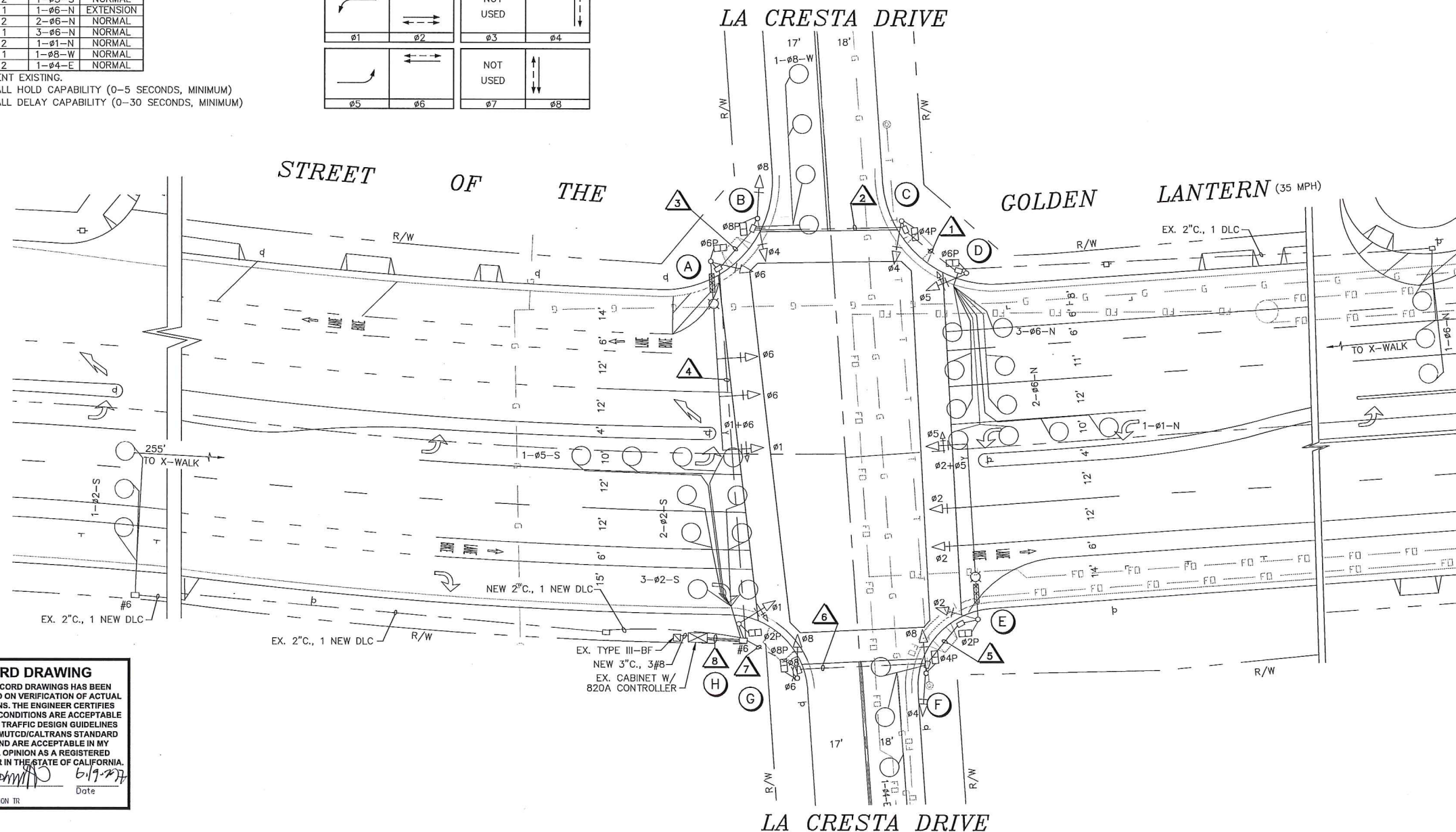
ALL EQUIPMENT IS EXISTING.

* = PEDESTRIAN INDICATION HEADS SHALL BE DIALITE COUNTDOWN HEADS, MUTCD COMPLIANT.

(B) = BULL DOG PUSH BUTTON, (A) = ANODODE PUSH BUTTON.

CONDUCTOR SCHEDULE

AWG	CIRCUIT	1	2	3	4	5	6	7	8
#14	01	-	-	-	3	-	-	-	3
	02	-	-	-	-	3	3	3	3
	04	-	3	3	3	-	3	3	6
	05	3	3	3	3	3	3	3	6
	06	-	-	-	3	-	-	-	3
	08	-	-	3	3	-	-	3	6
	02P	-	-	-	-	2	2	2	2
	04P	-	2	2	2	-	2	2	4
	06P	2	2	2	2	-	-	-	2
	08P	-	-	2	2	-	-	2	4
	02PPB	-	-	-	-	1	1	1	1
	04PPB	1	1	1	1	1	1	1	2
	06PPB	-	1	1	1	-	-	-	1
	08PPB	-	-	-	1	-	-	-	1
#10	048PB	-	-	-	-	1	1	1	1
	088PB	-	-	1	1	-	-	-	1
	PPB COMMON	1	1	1	1	1	1	1	2
	SPARES	3	3	3	3	3	3	3	6
TOTAL		10	16	22	29	14	20	25	54
TYPE "B" DLC	LUMINAIRE	-	-	-	2	2	2	2	2
	ILLUM. ST. NAME SIGN	-	-	-	2	2	2	2	2
	TOTAL	-	-	-	4	4	4	4	4
	01	1	1	1	1	-	-	-	1
EVP	02	-	-	-	-	-	-	-	3
	04	-	-	-	-	-	1	1	1
	05	-	-	-	-	-	-	-	1
	06	3	3	3	3	-	-	-	3
CONDUIT SIZES (INCHES)	08	-	-	1	1	-	-	-	1
	TOTAL	4	4	5	5	-	2	2	10
	2"	-	-	-	1	1	1	1	3
	3"	-	-	-	-	-	-	-	4

ALL CONDUCTORS AND CONDUITS ARE EXISTING.
PPB = PED PUSH BUTTON

RECORD DRAWING

THIS SET OF RECORD DRAWINGS HAS BEEN PREPARED BASED ON VERIFICATION OF ACTUAL FIELD CONDITIONS. THE ENGINEER CERTIFIES THAT ON STREET CONDITIONS ARE ACCEPTABLE PER APPLICABLE TRAFFIC DESIGN GUIDELINES (I.E. CALIFORNIA MUTCD/CALTRANS STANDARD PLANS, ETC.) AND ARE ACCEPTABLE IN MY PROFESSIONAL OPINION AS A REGISTERED TRAFFIC ENGINEER IN THE STATE OF CALIFORNIA.

Name: *[Signature]* Date: *6/19/17*

CALIFORNIA REGISTRATION NO. *1111*

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PLANS REVIEWED BY:
CITY OF DANA POINT, PUBLIC WORKS & ENGINEERING SERVICES
33282 GOLDEN LANTERN
DANA POINT, CA 92629

MATTHEW V. SINACORI, CITY ENGINEER
RCE #59239 EXP. 06/30/17

THIS PLAN IS SIGNED BY THE CITY ENGINEER FOR SCOPE AND ADHERENCE TO CITY STANDARDS AND REQUIREMENTS, CITY CODES, AND OTHER GENERAL ENGINEERING AND REGULATORY REQUIREMENTS ONLY. THE CITY ENGINEER IS NOT RESPONSIBLE FOR DESIGN, ASSUMPTIONS, OR ACCURACY.



TRAFFIC SIGNAL PLAN
GOLDEN LANTERN AT
LA CRESTA DRIVE

THE CITY OF DANA POINT
Public Works Department

PROJECT NO.

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