GENERAL NOTES:

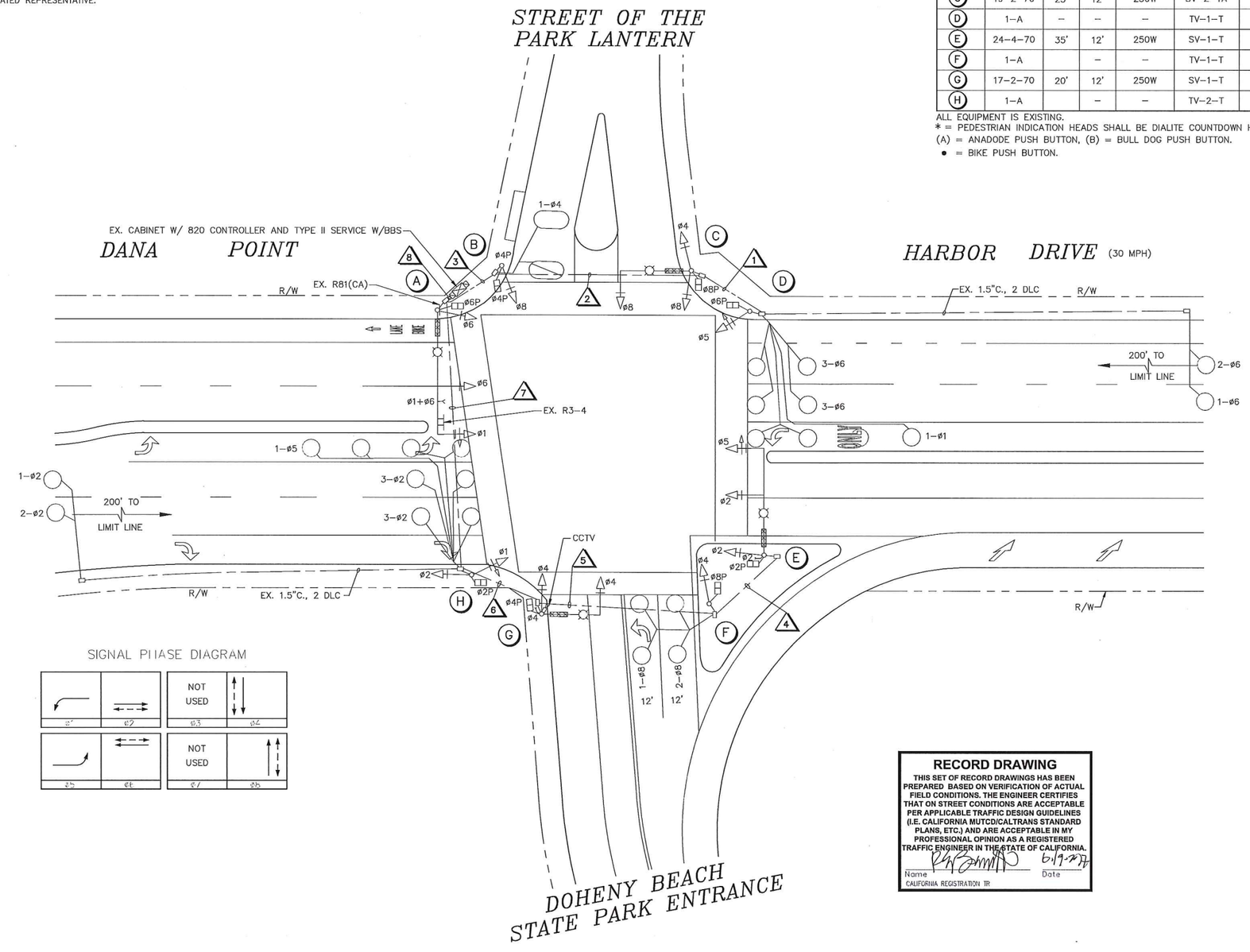
A. THIS PLAN IS BEING GENERATED TO DOCUMENT AS-BUILT CONDITIONS, AND TO REVIEW THE IN PLACE TRAFFIC SIGNAL INSTALLATION TO VERIFY COMPLIANCE WITH CURRENT APPLICABLE REGULATIONS. UNDERGROUND UTILITY CONSTRUCTION IS NOT A PART OF THE ENGINEER'S REVIEW, BUT IS SHOWN FOR INFORMATIONAL PURPOSES ONLY PER PREVIOUS 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.

EXISTING SIGN ON THIS SHEET

R3-4 R81(CA)



EQUIPMENT SCHEDULE

POLE LOCATION	SIGNAL STANDARD TYPE	MAST ARM SIG.	MAST ARM LUM.	LUMINAIRE SIZE/TYPE	MOUNTINGS VEHICLE POLE	MOUNTINGS VEHICLE MAST ARM	MOUNTINGS PEDESTRIAN	PEDESTRIAN PUSH BUTTON PHASE	PEDESTRIAN PUSH BUTTON TYPE	PEDESTRIAN PUSH BUTTON QUAD	POLE LOCATION A	POLE LOCATION B	I.I.S.N.S.
A	26-4-70	40'	12'	250W	SV-1-T	2-MAS	*SP-1-CS	ø4	A	E	EXISTING	EXISTING	Park Lantern → ←Doheny State Beach
B	1-A	–	–	–	TV-1-T	–	*SP-1-CS	ø6	A	S	EXISTING	EXISTING	–
C	19-2-70	25'	12'	250W	SV-2-TA	MAS	*SP-1-CS	ø6	B	S	EXISTING	EXISTING	Dana Point Harbor Dr
D	1-A	–	–	–	TV-1-T	–	*SP-1-CS	ø8 / ø6	A / A●	W / S	EXISTING	EXISTING	–
E	24-4-70	35'	12'	250W	SV-1-T	2-MAS	*SP-1-CS	ø8	B	W	EXISTING	EXISTING	← Park Lantern Doheny State Beach →
F	1-A		–	–	TV-1-T	–	*SP-1-CS	ø2 / ø8	B / A●	N / W	EXISTING	EXISTING	–
G	17-2-70	20'	12'	250W	SV-1-T	MAS	*SP-1-CS	ø2	B	N	EXISTING	EXISTING	Dana Point Harbor Dr
H	1-A		–	–	TV-2-T	–	*SP-1-CS	ø4 / ø2	B / A●	E / N	EXISTING	EXISTING	–

ALL EQUIPMENT IS EXISTING.
* = PEDESTRIAN INDICATION HEADS SHALL BE DIALITE COUNTDOWN HEADS, MUTCD COMPLIANT.
(A) = ANADODE PUSH BUTTON, (B) = BULL DOG PUSH BUTTON.
● = BIKE PUSH BUTTON.

CONDUCTOR SCHEDULE

AWG	CIRCUIT	1	2	3	4	5	6	7	8
#14	ø1	–	–	–	–	–	–	3	3
	ø2	–	–	–	3	3	3	3	3
	ø4	–	3	3	–	3	3	3	6
	ø5	3	3	3	3	3	3	3	6
	ø6	–	–	–	–	–	–	–	3
	ø8	–	3	3	–	–	–	–	3
	ø2P	–	–	–	2	2	2	2	2
	ø4P	–	–	2	–	–	2	2	4
	ø6P	2	2	2	–	–	–	–	2
	ø8P	–	2	2	–	2	2	2	4
	ø2PPB	–	–	–	–	1	1	1	1
	ø4PPB	–	–	–	–	–	–	1	2
	ø6PPB	–	1	1	–	–	–	–	1
	ø8PPB	1	1	1	1	1	1	1	2
	ø2BPB	–	–	–	–	–	–	1	1
	ø6BPB	1	1	1	–	–	–	–	1
	ø8BPB	–	–	–	–	1	1	1	1
	PPB COMMON	1	1	1	1	1	1	1	2
	ILLUM. ST. NAME SIGN	–	1	1	1	1	1	1	2
	SPARES	3	3	3	3	3	3	3	6
	TOTAL	11	21	23	14	21	23	28	55
#10	SIGNAL & SIGN COMMON	1	1	1	1	1	1	1	2
	LUMINAIRE	–	2	2	2	2	2	2	4
	TOTAL	1	3	3	3	3	3	3	6
TYPE "B" DLC	ø1	1	1	1	–	–	–	–	1
	ø2	–	–	–	–	–	–	3	3
	ø4	–	–	1	–	–	–	–	1
	ø5	–	–	–	–	–	–	1	1
	ø6	3	3	3	–	–	–	–	3
	ø8	–	–	–	–	2	2	2	2
	TOTAL	4	4	5	–	2	2	6	11
CCTV		–	–	–	–	–	1	1	1
EVPE		–	–	–	1	1	2	2	3
CONDUIT SIZE		2½"	2½"	3"	2-3"	3"	2"	2"	2"

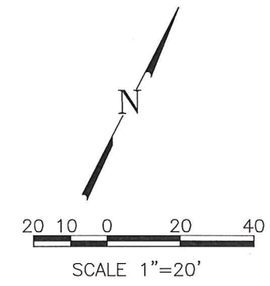
ALL CONDUCTORS AND CONDUITS ARE EXISTING.
PPB = PED PUSH BUTTON
BPB = BIKE PUSH BUTTON

SIGNAL PHASE DIAGRAM

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 — Date 6-19-17
CALIFORNIA REGISTRATION TR



NO.	DATE	REVISIONS	APP.	DATE

PLAN PREPARED BY:
LINSCOTT, LAW & GREENSPAN, ENGINEERS
TRANSPORTATION PLANNING – TRAFFIC ENGINEERING – PARKING
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2 Executive Circle, Suite 250, Irvine, Ca 92614 (949) 825-6175
4542 Ruffner Street, Suite 100, San Diego, CA 92111 (858) 300-8800

REGISTERED PROFESSIONAL ENGINEER — RICHARD E. BARRETTO — No. 2006 — Exp. 6/30/19 — TRAFFIC — STATE OF CALIFORNIA

PLANS REVIEWED BY:
CITY OF DANA POINT, PUBLIC WORKS & ENGINEERING SERVICES
33282 GOLDEN LANTERN
DANA POINT, CA 92629
6/26/17
MATTHEW V. SINACORI, CITY ENGINEER — DATE
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.

DANA POINT · CALIFORNIA · 1989

TRAFFIC SIGNAL PLAN
DANA POINT HARBOR DRIVE AT STREET OF THE PARK LANTERN

THE CITY OF DANA POINT
Public Works Department

PROJECT NO. 2-16-3741
SHEET 1 OF 1

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