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

R3–18 R9–3

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)	19A–4–100	25'	15'	310W	SV–1–T	2–MAS F=X',X'	* SP–1–T	6	APS	N	EXISTING	EXISTING	Del Prado
(B)	17–3–100	30'	15'	310W	SV–1–T	MAS	* SP–1–T	6	APS	N	EXISTING	EXISTING	Pacific Coast Hwy
(C)	19A–4–100	15'	15'	310W	SV–1–T	2–MAS F=X',X'	* SP–1–T	2	APS	S	EXISTING	EXISTING	Del Prado
(D)	15TS	–	15'	310W	SV–2–TA	–	* SP–1–T	2	APS	N	EXISTING	EXISTING	–

ALL EQUIPMENT IS EXISTING.

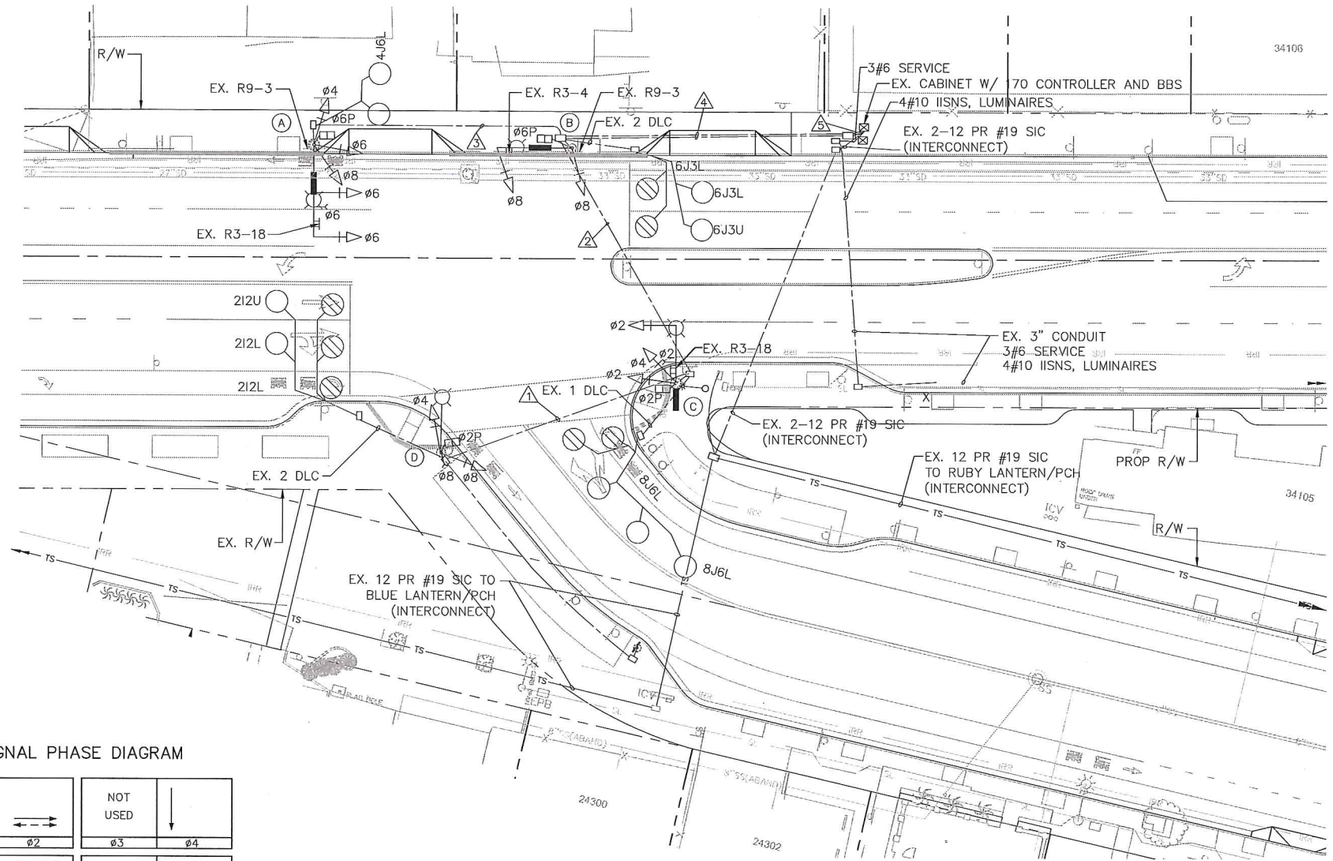
* = ALL PEDESTRIAN INDICATION HEADS SHALL BE DIALITE COUNTDOWN HEADS, MUTCD COMPLIANT
APS = ASSESSABLE PEDESTRIAN PUSH BUTTON, MUTCD AND ITE COMPLIANT.

SENSOR TABLE ■

SENSOR UNIT	CHANNEL	DETECTOR	ASSIGNMENT
1	1	2I2L	NORMAL
	2	2I2U	NORMAL
2	▲ 1	6J3L	NORMAL
	▲ 2	6J3U	NORMAL
3	1	8J6L	NORMAL
	–	–	–

■ ALL EQUIPMENT EXISTING.
▲ INTEGRAL CALL HOLD CAPABILITY (0–5 SECONDS, MINIMUM)
♦ INTEGRAL CALL DELAY CAPABILITY (0–30 SECONDS, MINIMUM)

PACIFIC COAST HIGHWAY
(35 MPH)

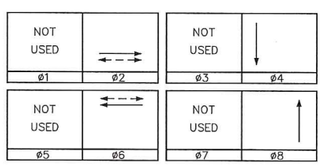


DEL PRADO
(30 MPH)

AWG SIZE OR CABLE TYPE	POLE	PHASE	CONDUIT SIZE AND RUN 1	2	3	4	5
NO.14 CABLES 12 CONDUCTOR / 3 CONDUCTOR	(A)	ø4,ø6,ø8,ø6P /ø6PPB	–	–	2	2	2
	(B)	ø8,ø6P /ø6PPB	–	–	–	1	1
	(C)	ø2,ø4,ø2P /ø2PPB	–	1	1	1	1
	(D)	ø4,ø8,ø2P /ø2PPB	1	1	1	1	1
	(E)	– /–	–	–	–	–	–
	(F)	– /–	–	–	–	–	–
	(G)	– /–	–	–	–	–	–
	(H)	– /–	–	–	–	–	–
TOTAL CABLES – 12 CON / 3 CON			1/1	2/2	2/1	5/4	5/4
#8		GROUND	1	1	1	1	1
#10		LUMINAIRES	1	1	1	1	1
		IISNS	1	1	1	1	1
TYPE "B" DLC		ø2	2	2	–	2	2
		ø4	–	–	1	1	1
		ø6	–	–	–	1	1
		ø8	–	1	–	1	1
		TOTAL	2	3	1	5	5
GTT MODEL 138 EVP			1	2	1	3	3
CONDUIT SIZES (INCHES)			3"	3"	3"	3"	3"

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

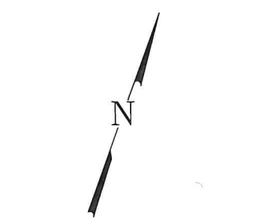
SIGNAL PHASE DIAGRAM



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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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
6/20/17
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
DEL PRADO AT
PACIFIC COAST HIGHWAY

THE CITY OF DANA POINT
Public Works Department

PROJECT NO. 2–16–3741
SHEET 1 OF 1

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