

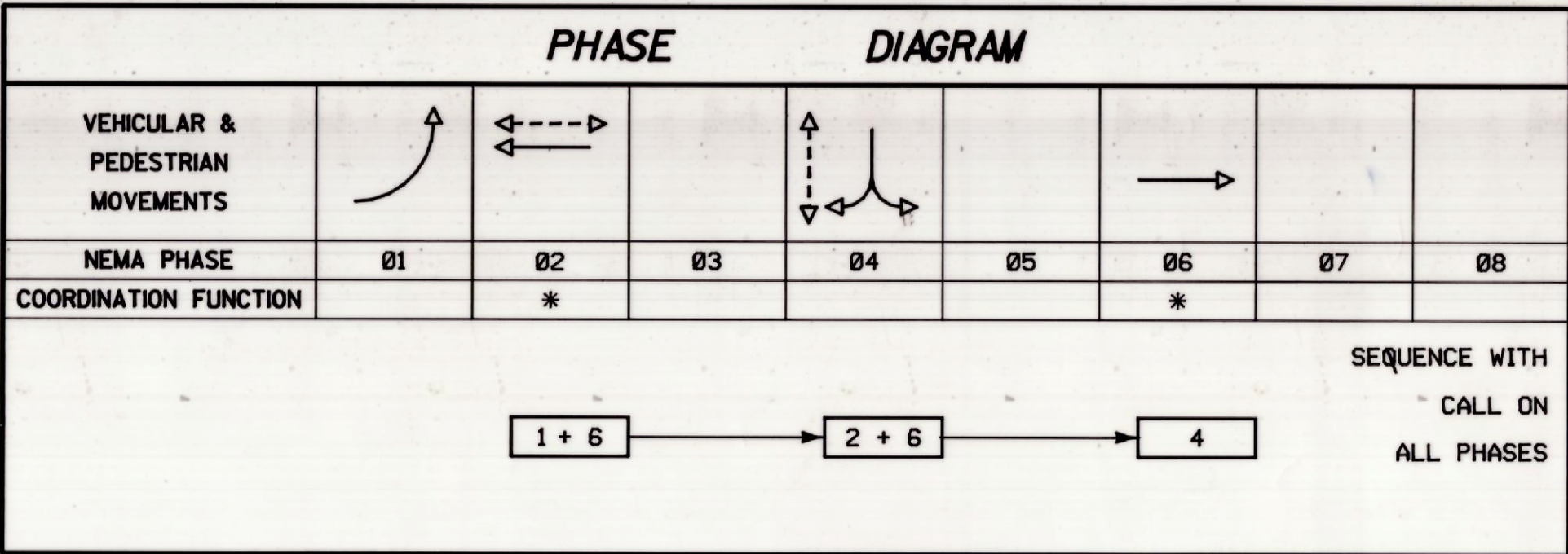
DRAWING NUMBER NORTHCREST
A40.4
EL TORO @ NORTHCREST
DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
RECEIVED BY NUMBER 0304
DATE 10/27/87

CONDUCTOR		SCHEDULE					
AWG	CIRCUIT	RUN					
		1	2	3	4	5	6
# 14	01	3	3	3	3	3	6
	02					3	3
	04	3	3		3	3	6
	06	3	3			3	3
	02P			2	2	2	4
	04P		2		2	2	4
	02PPB		1			2	2
	04PPB			1	2		2
	PPB COMMON	1	1	1	1	1	2
	ISNS	2	2	2	2	2	4
# 10	SPARES	5	5	5	5	5	10
	TOTAL	17	20	14	20	26	46
	SIGNAL & SIGN COMMON	1	1	1	1	1	2
DLC	LUMINAIRE	2	2	2	2	2	4
	TOTAL	3	3	3	3	3	6
	01		1			1	1
DLC	02			4			4
	04				2		2
	06		4			4	4
	TOTAL		5	4	6	5	11
CONDUIT SIZE		2"	2 1/2"	2"	2 1/2"	2 1/2"	3 1/2"

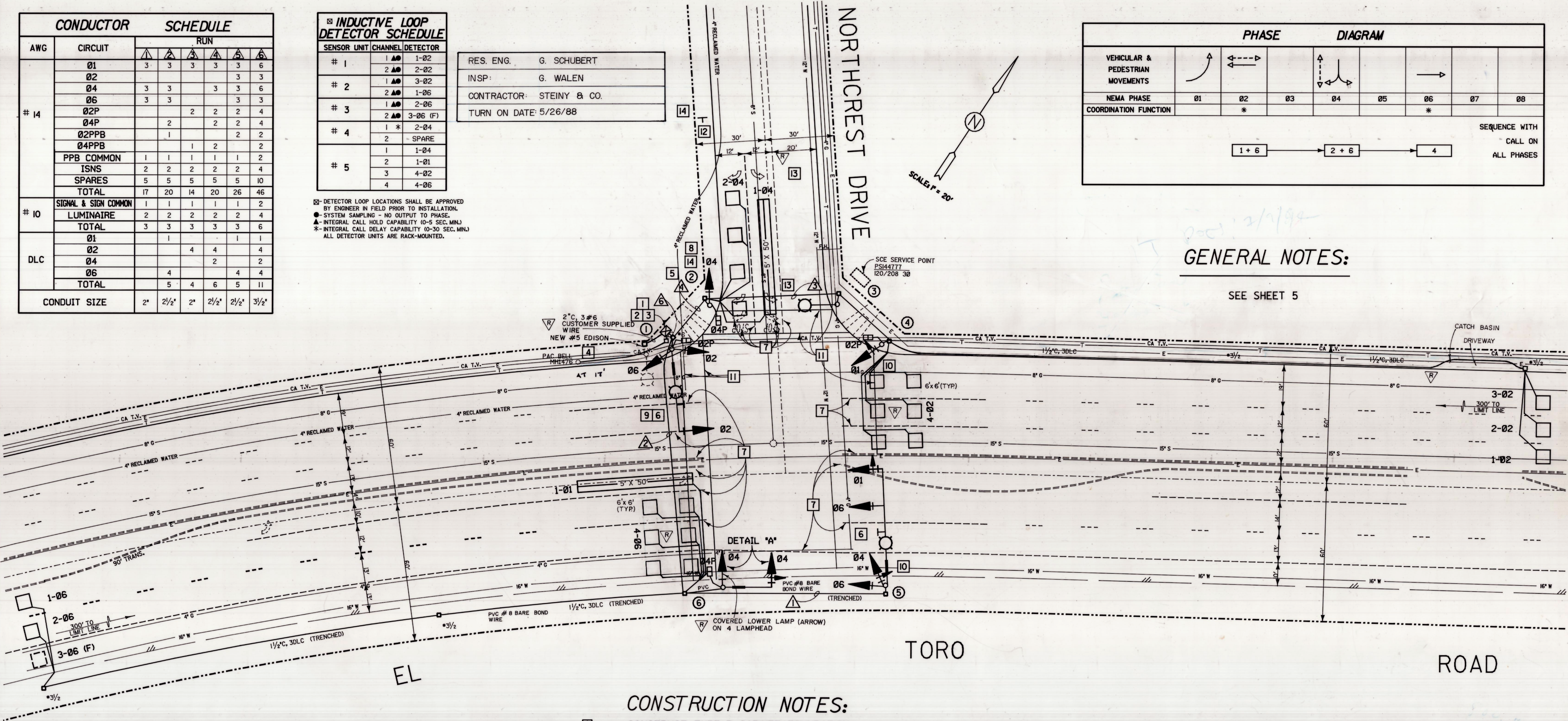
INDUCTIVE LOOP DETECTOR SCHEDULE		
SENSOR UNIT	CHANNEL	DETECTOR
# 1	1	1-02
	2	2-02
# 2	1	3-02
	2	1-06
# 3	1	2-06
	2	3-06 (F)
# 4	1	2-04
	2	SPARE
	1	1-04
# 5	2	1-01
	3	4-02
	4	4-06

DETECTOR LOOP LOCATIONS SHALL BE APPROVED BY ENGINEER IN FIELD PRIOR TO INSTALLATION.
SYSTEM SAMPLING - NO OUTPUT TO PHASE.
INTEGRAL CALL HOLD CAPABILITY (0-5 SEC. MIN.)
INTEGRAL CALL DELAY CAPABILITY (0-30 SEC. MIN.)
ALL DETECTOR UNITS ARE RACK-MOUNTED.

RES. ENG. G. SCHUBERT
INSP. G. WALEN
CONTRACTOR: STEINY & CO.
TURN ON DATE: 5/26/88



GENERAL NOTES:
SEE SHEET 5



CONSTRUCTION NOTES:

- CONSTRUCT TYPE P CABINET FOUNDATION.
- FURNISH & INSTALL TRAFFIC CONTROLLER IN TYPE P ALUMINUM CABINET.
- FURNISH & INSTALL MODIFIED ENCLOSED TYPE II SERVICE.
- FURNISH & INSTALL PULL ROPE IN 2" CONDUIT & #5 PULL BOX FOR TELEPHONE SERVICE CONNECTION.
- FURNISH & INSTALL 2" CONDUIT, #6 PULL BOXES, & PULL ROPE FOR ELECTRICAL SERVICE CONNECTION.
- INSTALL PIPE TENON WITH PULL ROPE & GALVANIZED REMOVABLE CAP.
- REMOVE & SALVAGE THE EXISTING RISIGN & POST.
- FURNISH & INSTALL R34 SIGN ON THE MASTARM.
- FURNISH & INSTALL R96 & R96A ON POLES ④ & ⑤, DOUBLE SIDED (TWO ON EACH POLE).
- PAINT 12" SOLID WHITE (BY OTHERS).
- FURNISH & INSTALL MODIFIED R61 SIGN & POST AS APPROVED BY ENGINEER IN THE FIELD.
- STENCIL ARROWS ON THE PAVEMENT AS SHOWN ON THIS PLAN (BY OTHERS).
- FURNISH & INSTALL R28(S) SIGN & POST AS APPROVED BY ENGINEER IN THE FIELD.

POLE SCHEDULE											
POLE DATA			SIGNAL			H.P.S. LIGHTS			SIGNAL MOUNTING		
NO.	TYPE	HEIGHT	M.A.	M.A.	WATTS	VEH.	M.A.	PED.	PHASE	QUAD	FOUNDATION
①	24-4-70	30'	35'	15'	250	SV-2-T	MAS	SP-I-CS	04P	E	C 2'-6" X 8'-0"
②	I-A	10'	--	--	--	TV-I-T	--	SP-I-CS	02P	S	S 2'-0" X 3'-0"
③	TYPE 15	30'	--	12'	200	--	--	--	02P	S	C 2'-6" X 5'-0"
④	I-A	10'	--	--	--	TV-I-T	--	SP-I-CS	--	--	S 2'-0" X 3'-0"
⑤	26-4-70	30'	50'	15'	250	SV-2-T	2-MAS	--	--	--	C 3'-6" X 10'-0"
⑥	16-2-70	17'	20'	--	--	SV-I-T	MAS	SP-I-CS	04P	W	S 3'-6" X 5'-0"

□ SINGLE FACE ISNS.

C = C.I.D.H.
S = SQUARE

1 1/2 0 1 2
3 inches on original drawing

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY			
EL TORO ROAD AND NORTHCREST DRIVE			
SIGNAL PLAN			
RECORD DRAWING (A-M)	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF
DESIGNED: H. BAHADORI	DATE	REVISIONS	DATE
DRAWN: C. MANSFIELD	CHECKED: L. OCHOA	SCALE: AS SHOWN	DATE: OCT. 87
SHEET 4 OF 5			W. O. NO. R10047