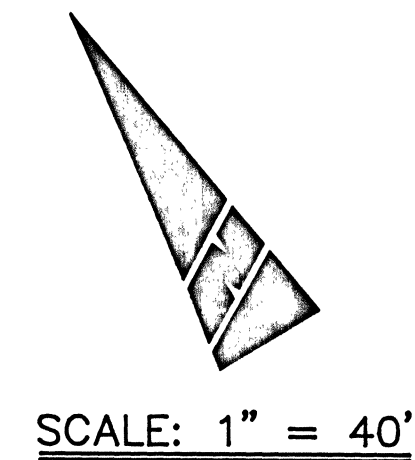




CAD FILE: \$T-4.dwg

REVISONS		CITY OF TUSTIN, CALIFORNIA	
DATE		DEPARTMENT OF PUBLIC WORKS	
DESCRIPTION		PREPARED BY: BSI CONSULTANTS, INC. Consultants to Governmental Agencies 1415 East Seventeenth St. Santa Ana, CA 92701 (714) 558-1952	
CONSTRUCTION PLAN FOR:		LOCATION:	
TRAFFIC SIGNAL INTERCONNECT		IRVINE BOULEVARD 480 FEET EAST OF ELIZABETH WAY TO RED HILL AVENUE	
PREPARED UNDER SUPERVISION OF:		DATE:	
<i>Frank F. Yang</i> FRANK F. YANG		11-22-89 RCE: 20568	
APPROVED BY:		DRAWN BY:	
_____ CITY ENGINEER		D. SHEPARD DESIGNED BY: T. HARTZOG CHECKED BY: T. HARTZOG	
MISC. APPROVAL:		RCE:	
_____		_____	
DATE:		SHT 5 OF 12 FILE No. TE - 340	

DRAWING NUMBER
VINE BLVD

STATION • IRVINE, CALIFORNIA
ASSEMBLY NUMBER
REVISIONS

DRAWING NUMBER
I130.2

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
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DRAWING NUMBER

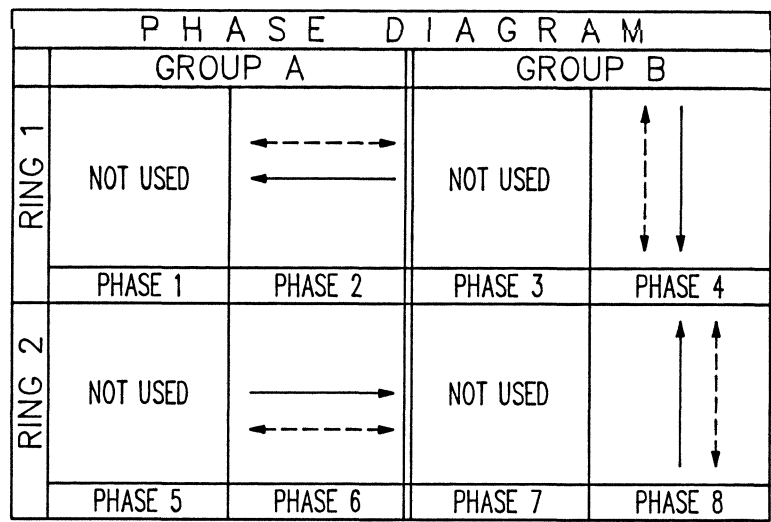
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
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REVISIONS

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PLAN HOLD CORPORATION
RECEIVED BY NAME/DATE
REVISIONS

DETECTOR SCHEDULE (SHELF MOUNT)					
SENSOR	CHANNEL	DETECTOR	CONTROLLER INPUT	SYSTEM INPUT	
(E) 1	1	2-W-#6	#6	-	
	2	3-W-#6	#6	-	
	3	2-E-#2	#2	-	
	4	3-E-#2	#2	-	
(E) 2	1	1-N-#4	#4	-	
	2	2-S-#8	#8	-	
	3	3-S-#8	#8	-	
	4	SPARE	-	-	
(E) 3	(R) 1	1-E-#2	EXP 2	B1	
(E) 4	(R) 1	1-W-#6	EXP 6	A1	
(E) 5	(R) 1	2-N-#4	EXP 4	-	
(E) 6	(R) 1	4-S-#8	EXP 8	-	
(E) 7	(R) 1	1-S-#8	EXP 7	C1	

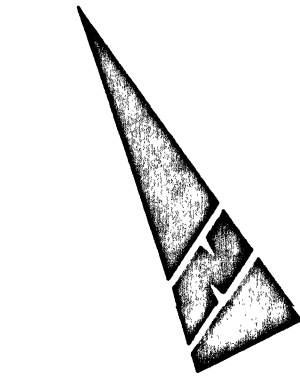
(E) = EXISTING.
(R) = EXISTING TO BE REASSIGNED.



IRVINE

RANCHWOOD ROAD

BOULEVARD



SCALE: 1" = 40'

DETECTOR SCHEDULE (RACK MOUNT)					
SENSOR	CHANNEL	DETECTOR	CONTROLLER INPUT	SYSTEM INPUT	
(E) 1	1	(R) 1-S-#6	EXP 6	-	
	2	(R) 1-S-#6	-	C1	
	3	2-S-#8	#8	-	
	4	SPARE	-	-	
(E) 2	1	(R) 1-E-#4	EXP 4	-	
	2	1-E-#4	-	B1	
	3	2-E-#4	#4	-	
	4	SPARE	-	-	
(E) 3	(R) 1	1-W-#8	EXP 8	-	
	2	1-W-#8	-	A1	
	3	2-W-#8	#8	-	
	(R) 4	3-W-#8	EXP 7	-	
(E) 4	1	1-E-#7	#7	-	
	2	2-E-#7	#7	-	
	3	1-S-#1	#1	-	
	4	2-S-#1	#1	-	
(E) 5	(R) 1	1-N-#2	EXP 2	-	
	(R) 2	1-N-#2	-	D1	
	3	2-N-#2	#2	-	
	4	3-N-#2	#2	-	
(E) 6	1	1-W-#3	#3	-	
	2	2-W-#3	#3	-	
	3	1-N-#5	#5	-	
	4	2-N-#5	#5	-	

(E) = EXISTING.
(R) = EXISTING TO BE REASSIGNED.

CONSTRUCTION NOTES THIS SHEET:

- REMOVE EXISTING TYPE 90 CONTROLLER. INSTALL NEW EIGHT PHASE TYPE 90 SYSTEM CONTROLLER. MODIFY LOOP SENSING EQUIPMENT PER DETECTOR SCHEDULE AND APPURTENANCES IN EXISTING CABINET.
- REMOVE EXISTING TYPE 90 CONTROLLER (MULTISONICS 820). INSTALL NEW EIGHT PHASE TYPE 90 SYSTEM CONTROLLER. MODIFY LOOP SENSING EQUIPMENT PER DETECTOR SCHEDULE AND APPURTENANCES IN EXISTING CABINET. PROVIDE 120 VOLT FOUR DIAL, THREE OFFSET, FOUR SPLIT AND FREE OUTPUTS TO MULTISONICS 820 CONTROLLER AT IRVINE/OLD JAMBOREE.
- REMOVE EXISTING TYPE 90 CONTROLLER (MULTISONICS 911) AND INSTALL SALVAGED (MULTISONICS 820) CONTROLLER FROM IRVINE/JAMBOREE. MODIFY CABINET AS NECESSARY TO PROVIDE 120 VOLT SLAVE DIALS, OFFSETS, SPLITS, AND FREE INPUTS FROM IRVINE/JAMBOREE.
- EXISTING TYPE "P" CABINET SETTING OVER EXISTING PULLBOX WITH 650' OF 6 PAIR #19 CABLE COILED IN CABINET. REMOVE CABINET AND INSTALL EXISTING CABLE IN NEW CONDUIT TO BROWNING AV. CONTROLLER CABINET.



COUNTY OF ORANGE
REVIEWED BY: *John M. Tachikawa* 2-9-94
DATE:

REVISIONS		CITY OF TUSTIN, CALIFORNIA	
DATE	DESCRIPTION	DEPARTMENT OF PUBLIC WORKS	
		PREPARED BY: BSI CONSULTANTS, Inc.	
CONSTRUCTION PLAN FOR: TRAFFIC SIGNAL INTERCONNECT		LOCATION: IRVINE BOULEVARD BROWNING AVE. TO RANCHWOOD RD. & JAMBOREE RD. TO OLD JAMBOREE BLVD.	
PREPARED UNDER SUPERVISION OF: <i>Frank F. Yang</i>	DATE: 11-22-89	DRAWN BY: D. SHEPARD	
APPROVED BY: <i>Robert A. Schubert</i>	RCE: 20568	DESIGNED BY: T. HARTZOG	
MISC. APPROVAL:	DATE: 12-1-89	CHECKED BY: T. HARTZOG	
		SHT 6 OF 12	
		FILE No.	