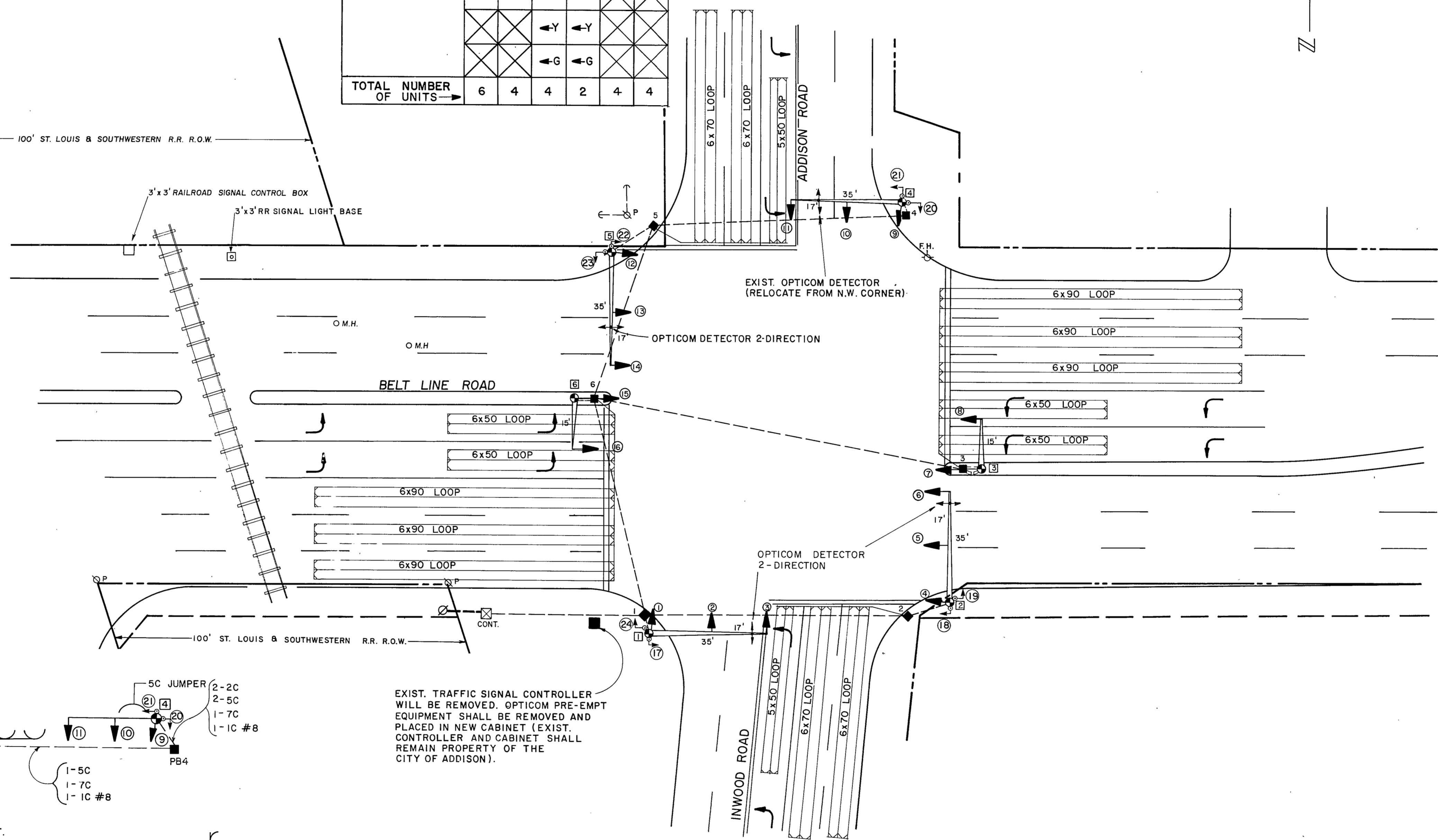
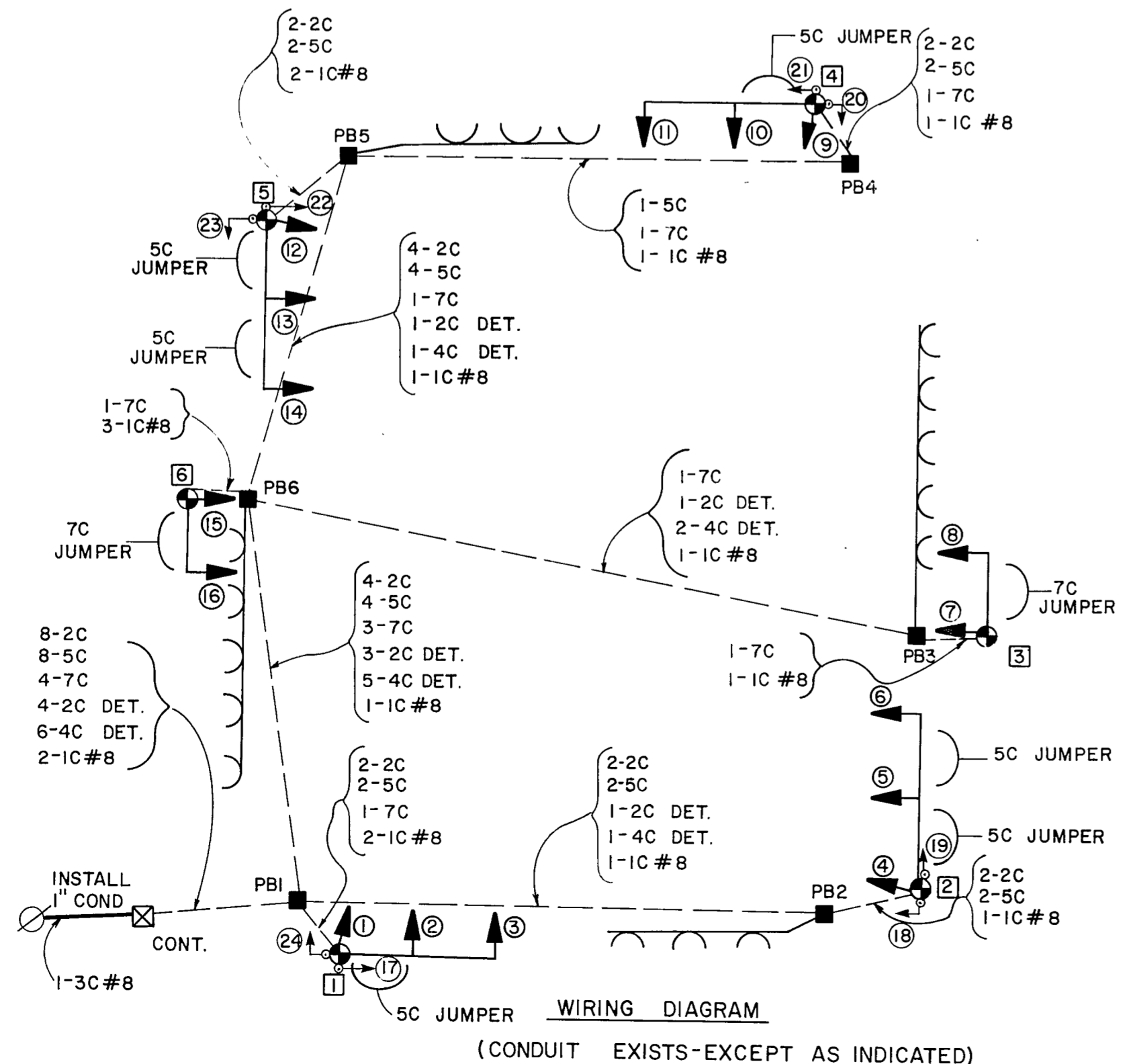


SIGNAL HEAD ARRAYS						
HEAD NUMBERS	4,5,6, 12,13,14	1,2, 9,10	7,8, 15,16	3, 11	17,18 19,20	21,22 23,24
LENS SIZE	12"	12"	12"	12"	12"	12"
TYPE	CONV.	CONV.	CONV.	CONV.	CONV. PED.	CONV. PED.
LENS CONFIGURATION	R	R	R	R	DW	DW
	Y	Y	Y	Y	WALK	WALK
	G	G	G	G		
		←Y	←Y			
		←G	←G			
TOTAL NUMBER OF UNITS	6	4	4	2	4	4

QUANTITIES		
ITEM	UNIT	QUAN.
PULL BOX (EXISTS)		
CONDUIT:		
1-INCH P.V.C. (IN TRENCH)	L.F.	25
PEDESTRIAN PUSH BUTTONS		
	PR.	4
CABLE - WIRE:		
5 CONDUCTOR #12	L.F.	1870
7 CONDUCTOR #12	L.F.	1040
2 CONDUCTOR DETECTOR	L.F.	760
4 CONDUCTOR	L.F.	1165
1 CONDUCTOR #8-GROUND	L.F.	675
2 CONDUCTOR #12 (PED. DET.)	L.F.	1620
XHHW DETECTOR LOOP	L.F.	5020
3 CONDUCTOR #8-POWER	L.F.	50
FOUNDATIONS:		
CONTROLLER, IN-PLACE	EA.	1
POLE:		
MAST ARM POLE W/15' ARM	EA.	2
MAST ARM POLE W/35' ARM	EA.	4
SIGNAL HEADS:		
5 SECTION - 12" LENS	EA.	6
3 SECTION - 12" LENS	EA.	10
2 SECTION - 12" PEDESTRIAN	EA.	8
LOOP DETECTOR AMPLIFIER	EA.	16

CONDUIT & CABLE QUANTITIES												
FROM	TO	DISTANCE	PVC CONDUIT T-TRENCH P-PUSHED	CABLE				GRD. #8	LOOP #12	POWER #8		
				SWITCHING	DETECTOR	TC #8	IC #12					
⊗	PB1	50'	E	480	240	480	240	360	105			
	PB1	10'	E	60	80	50			30			
	PB1	PB2	80'	E	180	180	90	90	85	610		
	PB2	2	15'	E	70	60			20			
	PB1	PB6	70'	E	320	240	320	240	400	75	1900	
	PB6	6	5'	E	25				35			
	PB6	PB3	115'	E	125	125	250	120	1900			
	PB3	3	5'	E	25				15			
	PB6	PB5	55'	E	260	65	260	65	60	610		
	PB5	5	15'	E	70	60			40			
	PB5	PB4	75'	E	170	85	170		80			
	PB4	4	5'	E	50	75	40		10			
	∅	⊗	15'	1" T-25'						50		
(JUMPERS)				210	80							
TOTALS				1" T-25'	1870	1040	1620	760	1165	675	5020	50

E=EXISTING



LEGEND	
T	TELEPHONE DUCT OR U.G. CABLE
G	GAS MAIN OR SERVICE LINE
W	WATER MAIN OR SERVICE LINE
SS	SANITARY OR STORM SEWER
←	INSTALL OPTICOM DETECTOR 2-DIRECTION
→	INSTALL OPTICOM DETECTOR 1-DIRECTION
---	EXISTING CONDUIT FOR SIGNAL CABLE
- - -	INSTALL CONDUIT-IN TRENCH
⊗	INSTALL SIGNAL MAST ARM 8' POLE
⊙	INSTALL TRAFFIC SIGNAL HEAD
⊙	INSTALL SIGNAL PEDESTAL POLE
⊙	EXISTING PULL BOX
⊙	INSTALL PULL BOX
⊙	SERVICE POLE - A.C. SOURCE
⊙	INSTALL PEDESTRIAN SIGNAL HEAD
⊙	INSTALL PEDESTRIAN PUSH BUTTON
⊙	W/INTEGRAL ILLUMINATED SIGN

8 PHASE FULLY ACTUATED SIGNAL CONTROL
EMERGENCY VEHICLE PRE-EMPT SYSTEM (3M-
OPTICOM) EXIST. FOR ONE DIRECTION. THE
EQUIPMENT WILL BE RELOCATED TO NEW
CONTROLLER AND EXPANDED TO 4 DIRECTIONS
PHASE A & B.
SEE SHEET I FOR PHASING DIAGRAM AND
INTERVAL CHART, CONTROLLER FRAME AND
CABINET TO BE AMPLE CAPACITY FOR FUTURE
RAILROAD PRE-EMPT WHEN NEEDED.

CITY OF ADDISON

TRAFFIC SIGNAL MODIFICATION
BELT LINE ROAD
INTERSECTION LAYOUT
BELT LINE ROAD AND
ADDISON ROAD-INWOOD ROAD

GINN, INC.

DESIGNED:	DRAWN:	DATE:	JUNE, 1980	FILE:
APPROVED:	CHECKED:	SCALE:	(PLAN) 1" = 20'	SHEET: 6 OF 14