

7023

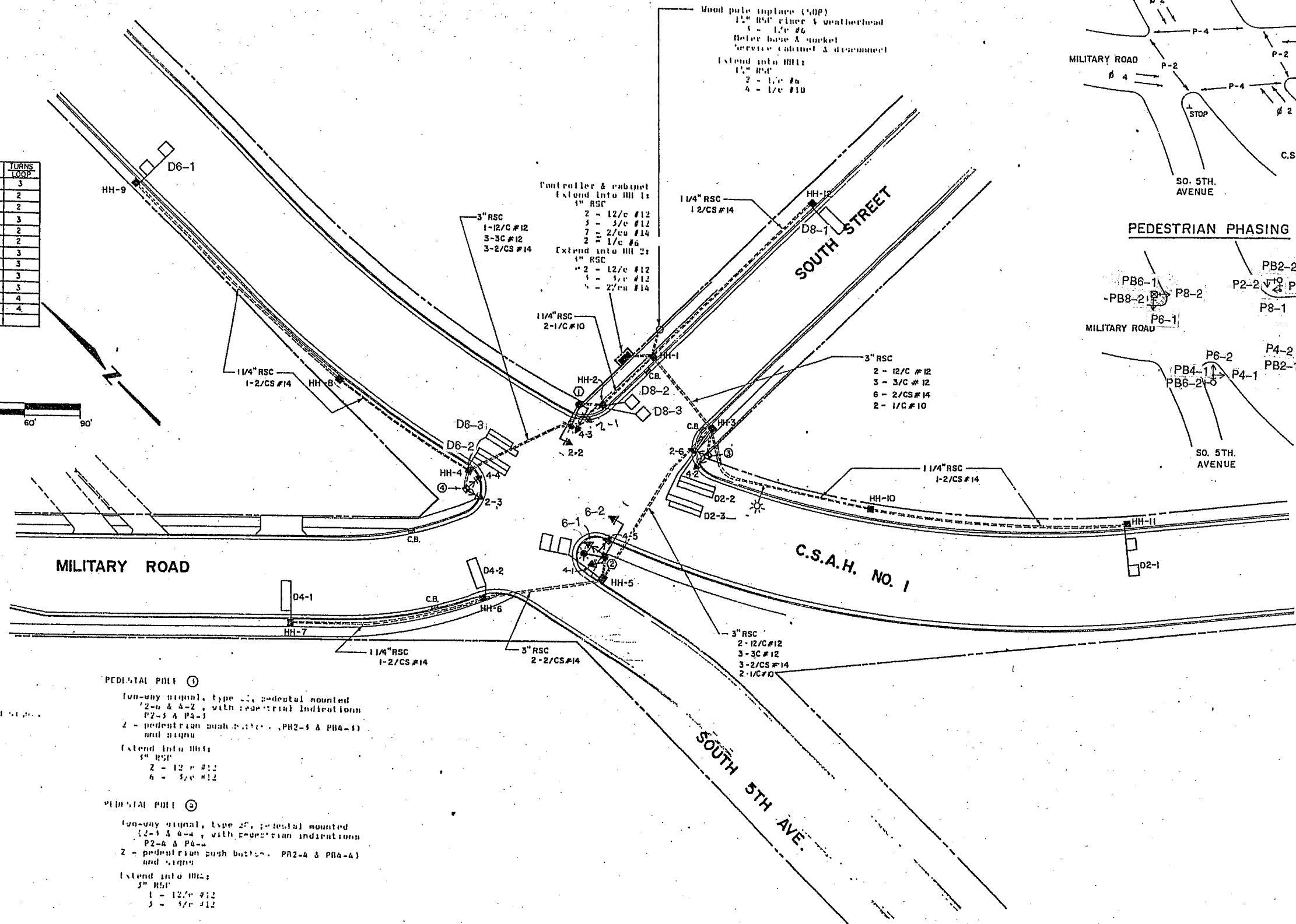
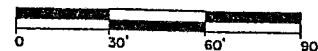
SIGNAL INDICATIONS

FACE	PHASE	FLASH	INDICATION SIZE				
			R	Y	G	W	DW
2-1	2	R	12	12	12		
2-2	2	R	12	12	12		
2-3	2	R	12	12	12		
2-4	2	R	12	12	12		
2-5	2	R	12	12	12		
2-6	2	R	12	12	12		
4-1	4	R	12	12	12		
4-2	4	R	12	12	12		
4-3	4	R	12	12	12		
4-4	4	R	12	12	12		
4-5	4	R	12	12	12		
P2-1	2	OFF				12	12
P2-2	2	OFF				12	12
P2-3	2	OFF				12	12
P2-4	2	OFF				12	12
P4-1	4	OFF				12	12
P4-2	4	OFF				12	12
P4-3	4	OFF				12	12
P4-4	4	OFF				12	12

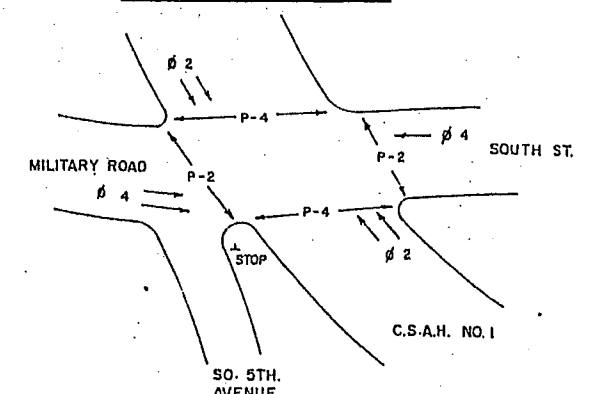
LOOP DETECTORS

NUMBER	SIZE	FUNCTION	DIST. FROM STOPLINE	LOOP DETAIL	TURNS
D2-1	2-6x6	CALL & EXTEND	250	B	3
D2-2	6x20	CALL ONLY	-0-	C	2
D2-3	6x20	CALL ONLY	5	D	2
D2-4	2-6x6	CALL & EXTEND	250	B	3
D2-5	6x20	CALL ONLY	-0-	C	2
D2-6	6x20	CALL ONLY	5	D	2
D4-1	16x6	CALL & EXTEND	150	A	3
D4-2	16x6	DELAY CALL	40	A	3
D4-3	2-6x8	DELAY CALL	-0-	B	3
D4-4	16x6	CALL & EXTEND	150	A	3
D4-5	6x6	DELAY CALL	5	A	4
D4-6	6x6	CALL	-0-	A	4

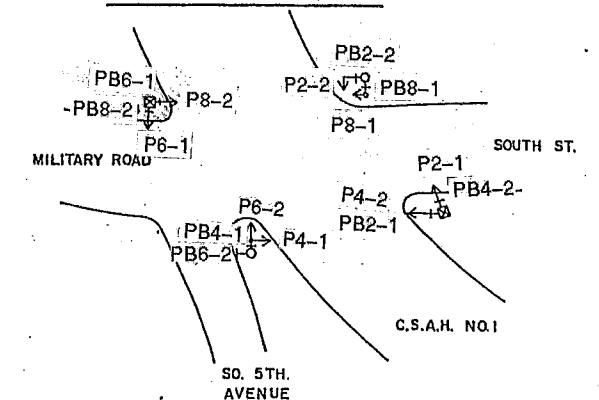
1 MEASURED FROM FRONT EDGE OF DETECTOR
2 DELAY DETECTOR



CONTROLLER PHASING



PEDESTRIAN PHASING



MAIN ARM POLE ①

Type A-20-D40-1.
One-way signal, overhead = 20', 2-2)
2 - one-way signal, type 10-B, pole mounted
at 270° and 90°, 12-1 & 4-1, with pedestrian
indication, P2-1 & P4-1
2 - pedestrian push buttons, PB2-1 & PB4-1, and signs,
250 M high, 10" wide sodium vapor luminaire,
mounted = 350

Extend into HH-1:
1" RSC
2 - 12/c #12
3 - 3/c #12
7 - 2/c #14
2 - 1/c #6

MAIN ARM POLE ②

Type A-20-D40-1.
One-way signal, overhead = 20', 2-2)
1 - one-way signal, type 10-B, pole mounted
at 180° and 0°, 12-1 & 4-1, with pedestrian
indication, P2-2 & P4-2
2 - pedestrian push buttons, PB2-2 & PB4-2,
and signs,
250 M high, 10" wide sodium vapor luminaire,
mounted = 350

Extend into HH-2:
1" RSC
2 - 12/c #12
3 - 3/c #12
7 - 2/c #14
2 - 1/c #6

PEDESTAL POLE ①

One-way signal, type 21, pedestal mounted
12-1 & 4-2, with pedestrian indication,
P2-1 & P4-1
2 - pedestrian push buttons, PB2-1 & PB4-1,
and signs

Extend into HH-1:
1" RSC
2 - 12/c #12
3 - 3/c #12

PEDESTAL POLE ②

One-way signal, type 21, pedestal mounted
12-1 & 4-2, with pedestrian indication,
P2-2 & P4-2
2 - pedestrian push buttons, PB2-2 & PB4-2,
and signs

Extend into HH-2:
1" RSC
2 - 12/c #12
3 - 3/c #12

TKDA

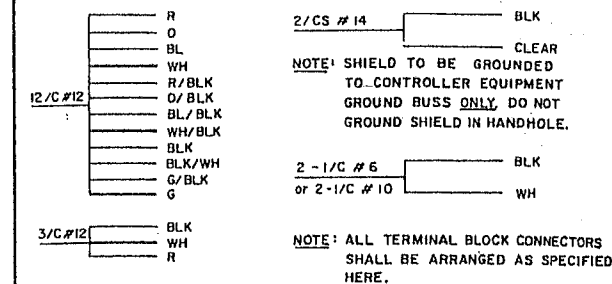
TOLZ KING ENGINEERING
AND ASSOCIATES, INC.1982 M.S.A.
IMPROVEMENTS

INTERSECTION LAYOUT

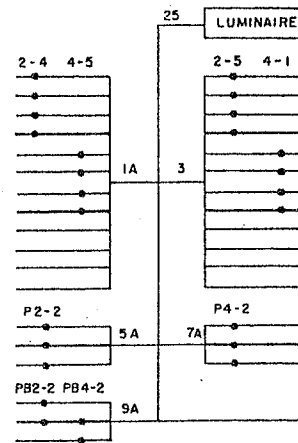
7739

CONTROLLER CABINET

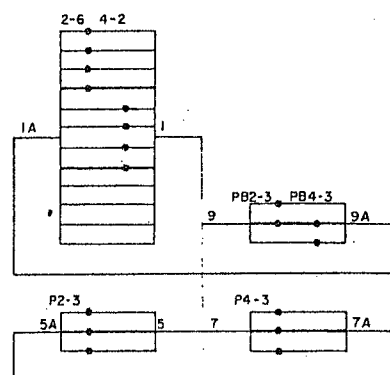
TYPICAL CONDUCTOR COLOR CODING



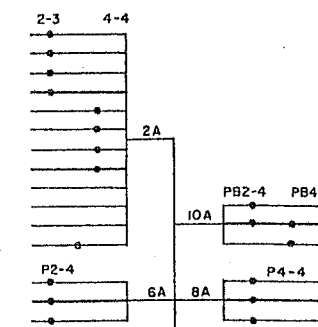
MAST ARM POLE ②



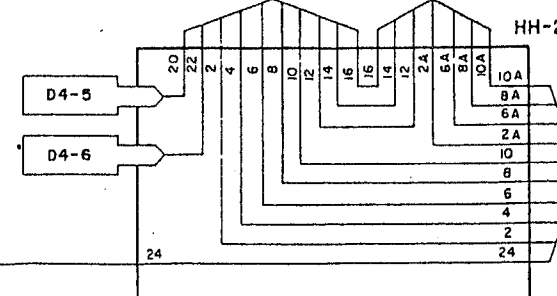
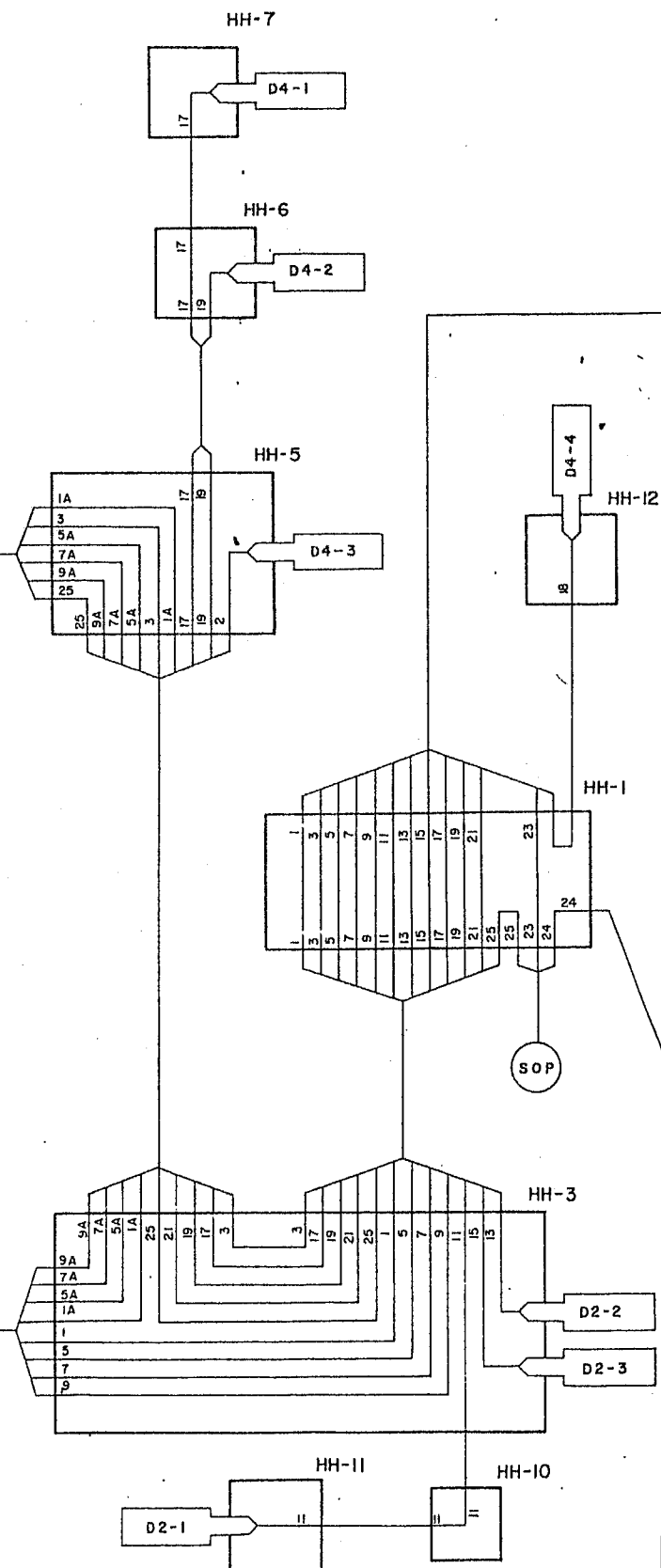
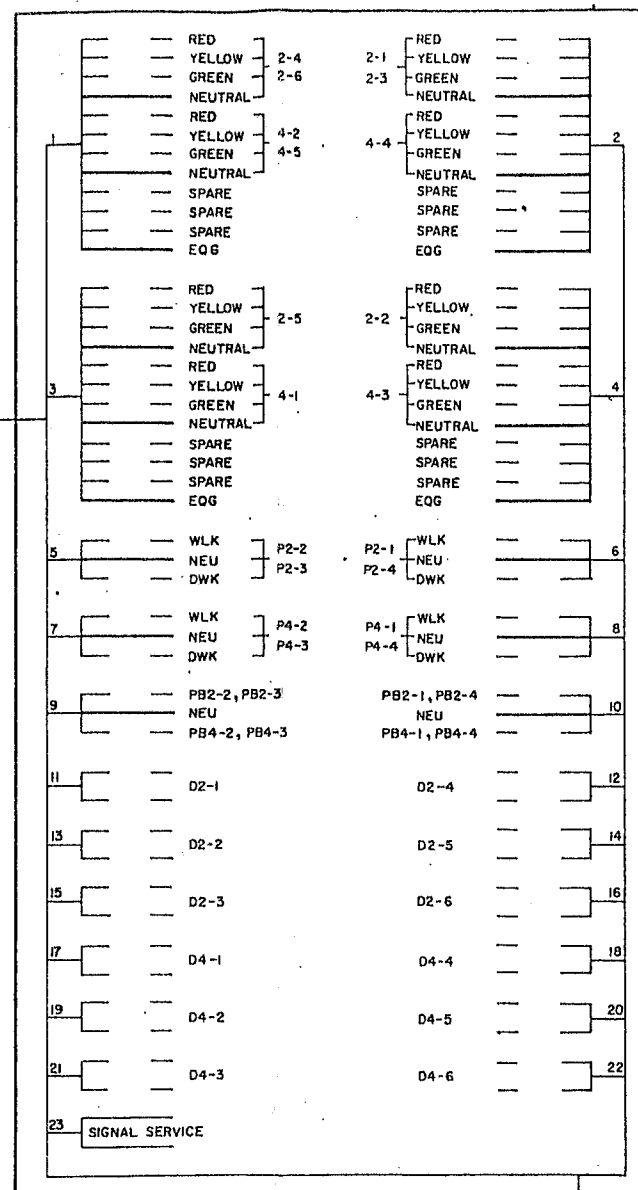
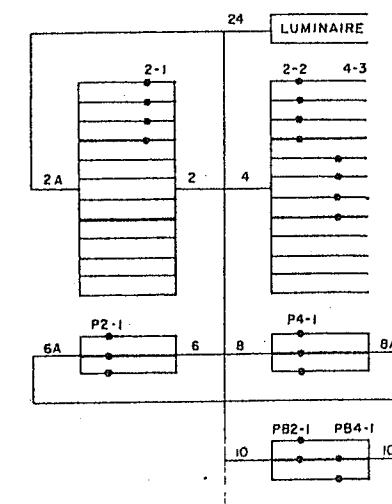
PEDISTAL POLE ③



PEDISTAL POLE ④



MAST ARM POLE ①



NOTES:

1. All detector wires shall be spliced to 2/cs #14 lead cables in handholes. Detector wire shall be continuous run with no intermediate splices.
2. Detector splices shall not be completed until loop continuity is tested and approved by the engineer.
3. Provide terminal strips in the base of all pole standards with terminals for each conductor (see detail), except conductors for street lights.
4. Provide in-line fuses in base of each pole standard for street lights.
5. Power cables shall be continuous run with no splices, except as noted at pole base terminal blocks.

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

M. E. Fuler Date 17 MAR 82 Reg. No. 8942

KNA GAB

MEMBER, I BELIEVE THAT THERE WAS AN ASSASSINATION
OF THE ORIGINARY VICTIM, AND THAT THE ASSASSINATION
WAS A DIRECT RESULT OF THE ASSASSINATION OF THE
VICTIM, AND THAT THE ASSASSINATION WAS A DIRECT
RESULT OF THE ASSASSINATION OF THE VICTIM.

Kenneth W. Enders
17 MARCH 1982 7418

TKDA

ENGINEERS ARCHITECTS PLANNERS

TOLTZ, KING, DUVALL, ANDERSON
AND ASSOCIATES INCORPORATED
SAINT PAUL, MINNESOTA



**WESTWOOD PLANNING
ENGINEERING COMPANY**

THE WESTWOOD GROUP, INC., 10000 W. 10TH AVE., SUITE 100, DENVER, CO 80231

1982 M.S.A.
IMPROVEMENTS
CITY OF ANOKA, MN.

FIELD WIRING DIAGRAM C.S.A.H. NO.1 at Military Road/South Street	
SHEET NO. 18 OF 19 SHEETS	

COMMISSION NO
7739
SEP 90
103-116-01