

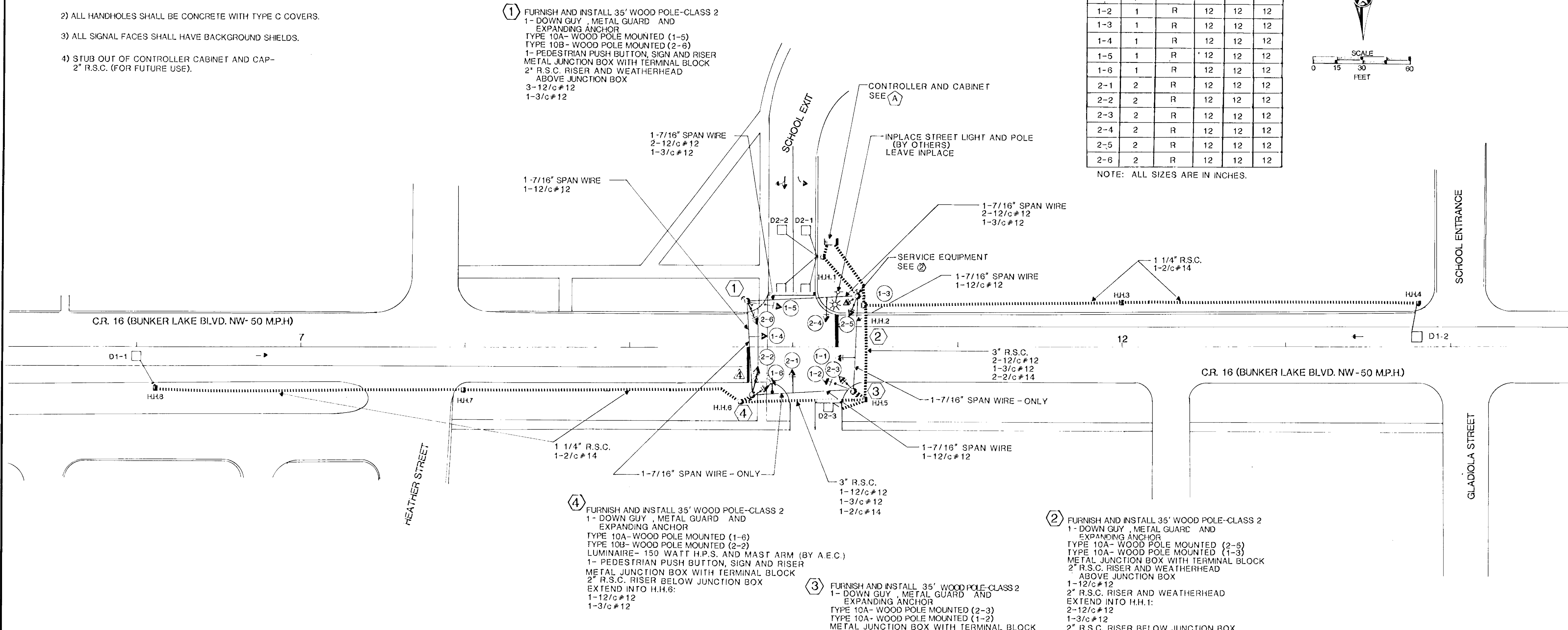
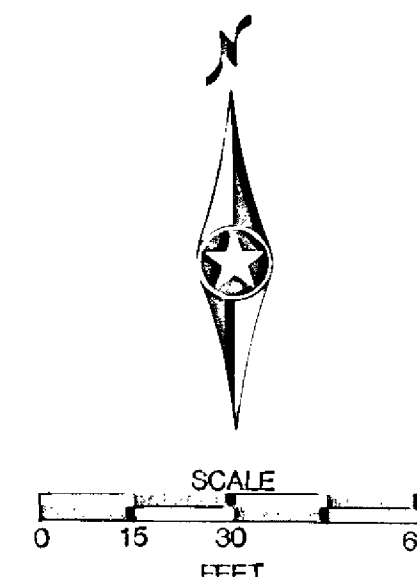
BASE LOWER AND DRG INT.

NOTES:

- 1) ALL PEDESTRIAN INDICATIONS SHALL BE 12" X 12".
- 2) ALL HANDHOLES SHALL BE CONCRETE WITH TYPE C COVERS.
- 3) ALL SIGNAL FACES SHALL HAVE BACKGROUND SHIELDS.
- 4) STUB OUT OF CONTROLLER CABINET AND CAP- 2" R.S.C. (FOR FUTURE USE).

SIGNAL INDICATIONS					
FACE	PHASE	FLASH	R	Y	G
1-1	.1	R	12	12	12
1-2	1	R	12	12	12
1-3	1	R	12	12	12
1-4	1	R	12	12	12
1-5	1	R	12	12	12
1-6	1	R	12	12	12
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

NOTE: ALL SIZES ARE IN INCHES.



① FURNISH AND INSTALL 35' WOOD POLE-CLASS 2
 1- DOWN GUY, METAL GUARD AND EXPANDING ANCHOR
 TYPE 10A- WOOD POLE MOUNTED (1-5)
 TYPE 10B- WOOD POLE MOUNTED (2-6)
 1- PEDESTRIAN PUSH BUTTON, SIGN AND RISER
 METAL JUNCTION BOX WITH TERMINAL BLOCK
 2" R.S.C. RISER AND WEATHERHEAD ABOVE JUNCTION BOX
 3-12/c#12
 1-3/c#12

④ FURNISH AND INSTALL 35' WOOD POLE-CLASS 2
 1- DOWN GUY, METAL GUARD AND EXPANDING ANCHOR
 TYPE 10A- WOOD POLE MOUNTED (1-6)
 TYPE 10B- WOOD POLE MOUNTED (2-2)
 LUMINAIRE- 150 WATT H.P.S. AND MAST ARM (BY A.E.C.)
 1- PEDESTRIAN PUSH BUTTON, SIGN AND RISER
 METAL JUNCTION BOX WITH TERMINAL BLOCK
 2" R.S.C. RISER BELOW JUNCTION BOX
 EXTEND INTO H.H.6:
 1-12/c#12
 1-3/c#12

③ FURNISH AND INSTALL 35' WOOD POLE-CLASS 2
 1- DOWN GUY, METAL GUARD AND EXPANDING ANCHOR
 TYPE 10A- WOOD POLE MOUNTED (2-3)
 TYPE 10B- WOOD POLE MOUNTED (1-2)
 METAL JUNCTION BOX WITH TERMINAL BLOCK
 2" R.S.C. RISER AND WEATHERHEAD ABOVE JUNCTION BOX
 1-12/c#12
 2" R.S.C. RISER BELOW JUNCTION BOX
 EXTEND INTO H.H.5:
 1-12/c#12

② FURNISH AND INSTALL 35' WOOD POLE-CLASS 2
 1- DOWN GUY, METAL GUARD AND EXPANDING ANCHOR
 TYPE 10A- WOOD POLE MOUNTED (2-5)
 TYPE 10B- WOOD POLE MOUNTED (1-3)
 METAL JUNCTION BOX WITH TERMINAL BLOCK
 2" R.S.C. RISER AND WEATHERHEAD ABOVE JUNCTION BOX
 1-12/c#12
 2" R.S.C. RISER AND WEATHERHEAD EXTEND INTO H.H.1:
 2-12/c#12
 1-3/c#12
 2" R.S.C. RISER BELOW JUNCTION BOX
 EXTEND INTO H.H.1:
 1-12/c#12
 1-1/4" R.S.C. RISER AND WEATHERHEAD (FOR POWER)
 3-1/c#6
 METER AND DISCONNECT SWITCH FROM WOOD POLE INTO H.H.1:
 1-1/4" R.S.C.
 2-1/c#6
 1-1/c#6 Br.Gr.

A EQUIPMENT PAD CONTROLLER AND CABINET
 EXTEND INTO H.H. 1:
 3" R.S.C.
 3-12/c#12
 1-3/c#12
 2-2/c#14
 2-1/c#6
 1-1/c#6 Br.Gr.
 EXTEND INTO H.H.2:
 3" R.S.C.
 2-12/c#12
 1-3/c#12
 3-2/c#14

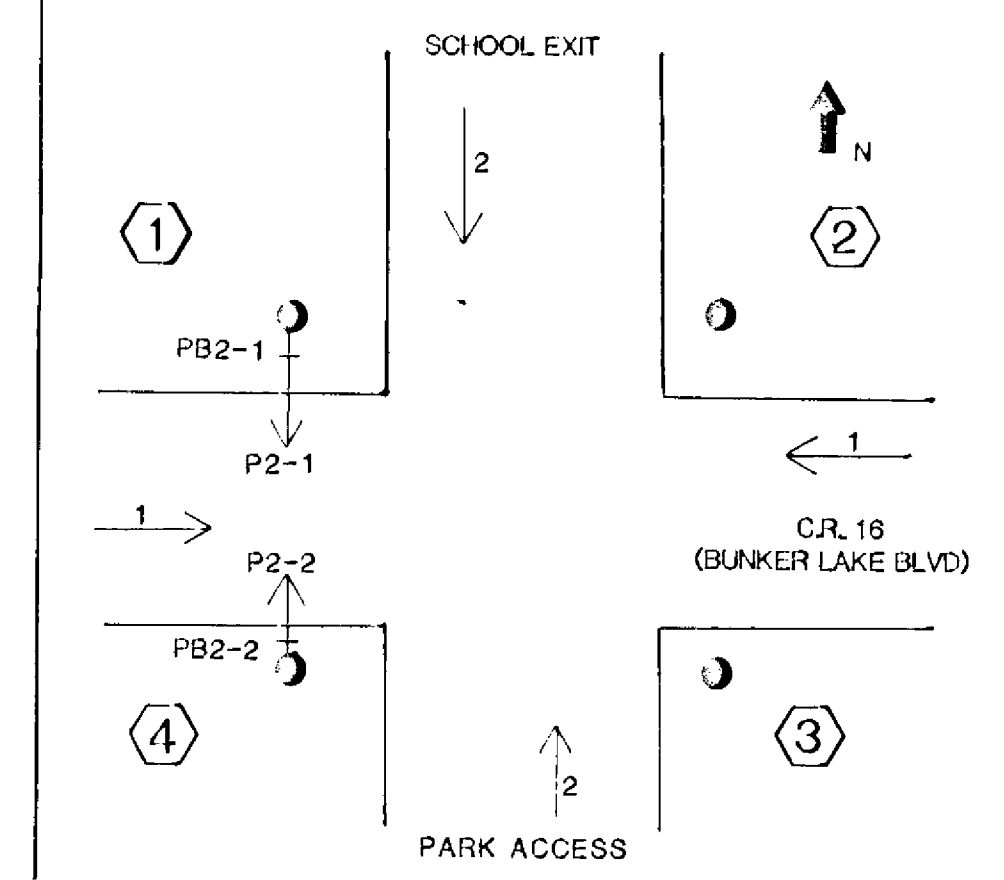
LOOP DETECTOR FUNCTIONS:

- 1) CALL AND EXTEND
- 2) CALL ONLY
- 3) EXTEND ONLY
- 4) CALL ONLY DENSITY
- 5) DELAYED CALL ONLY
- 6) DELAYED CALL ONLY DENSITY
- 7) DELAYED CALL-IMMEDIATE EXTEND
- 8) CARRY OVER (STRETCH)
- 9) ADVISORY DETECTOR
- 10) SAMPLING DETECTOR
- 11) SPECIAL DETECTOR

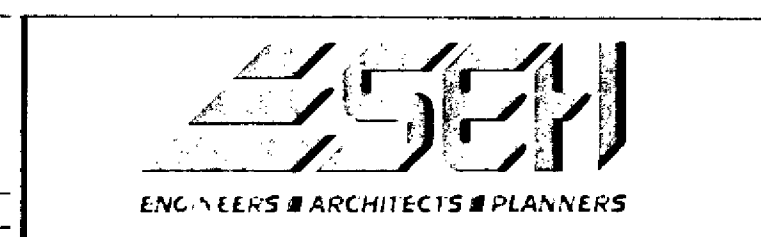
LOOP DETECTORS			
NUMBER	SIZE	LOCATION	FUNCTION
D1-1	6'x6'	370'	1
D1-2	6'x6'	350'	1
D2-1	2-6'x6'	0' & 35'	1
D2-2	2-6'x6'	0' & 35'	7
D2-3	6'x6'	0'	7

NOTE: LOCATION = DISTANCE FROM STOP LINE TO DETECTOR.

CONTROLLER AND PEDESTRIAN PHASING



NO.	BY	DATE	REVISIONS	ITEM	SIGN	CHECKED	DATE	Reg No.
								9089



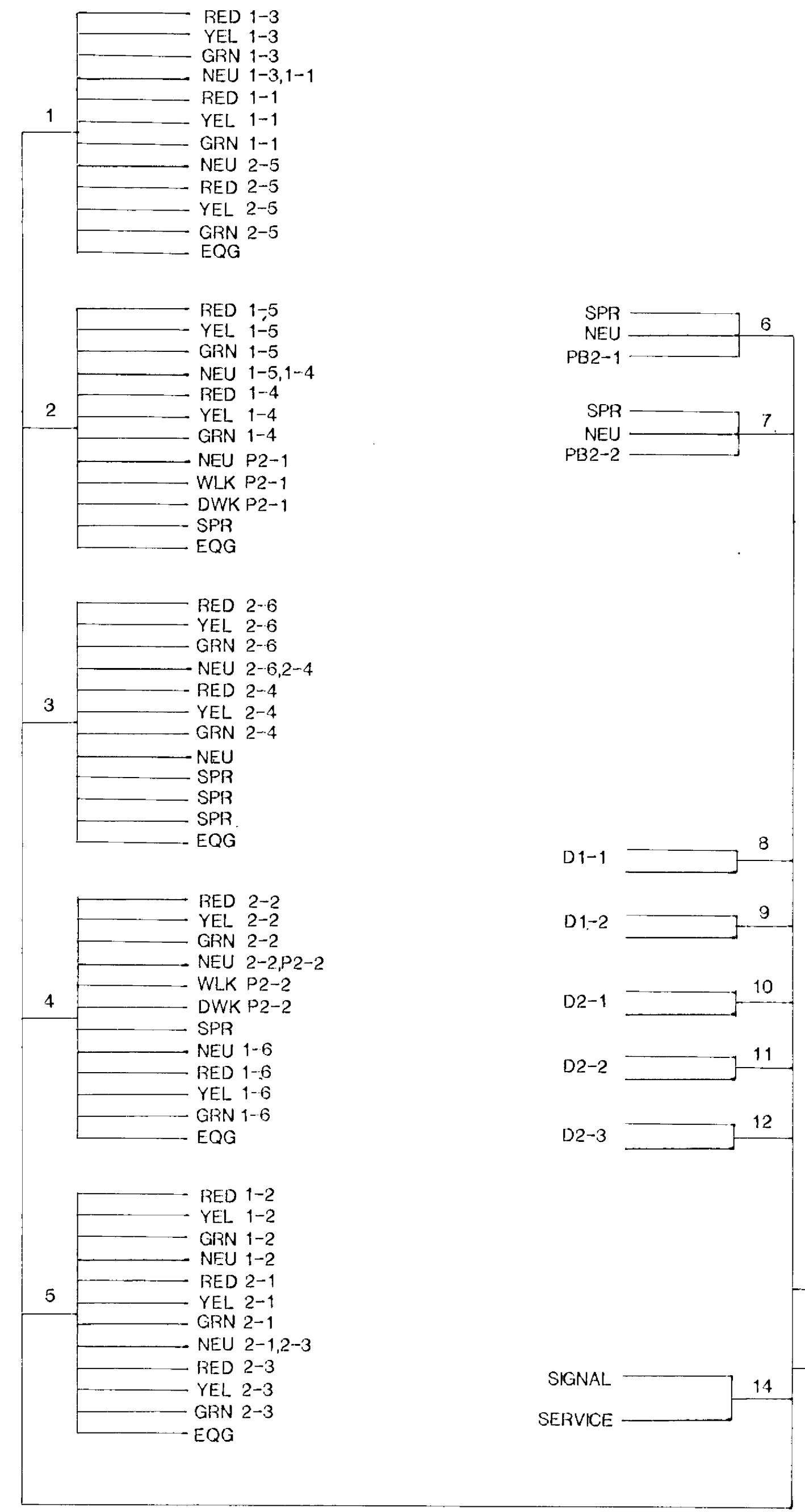
ANOKA COUNTY
 P. 88-25-16

TRAFFIC SIGNAL SYSTEM
 INTERSECTION LAYOUT
 C.R. 16 (BUNKER LAKE BLVD. NW) AT
 CROOKED LAKE SCHOOL EXIT

FILE NO. 89061
DATE 12/5/88

BASE LOWER WIRING

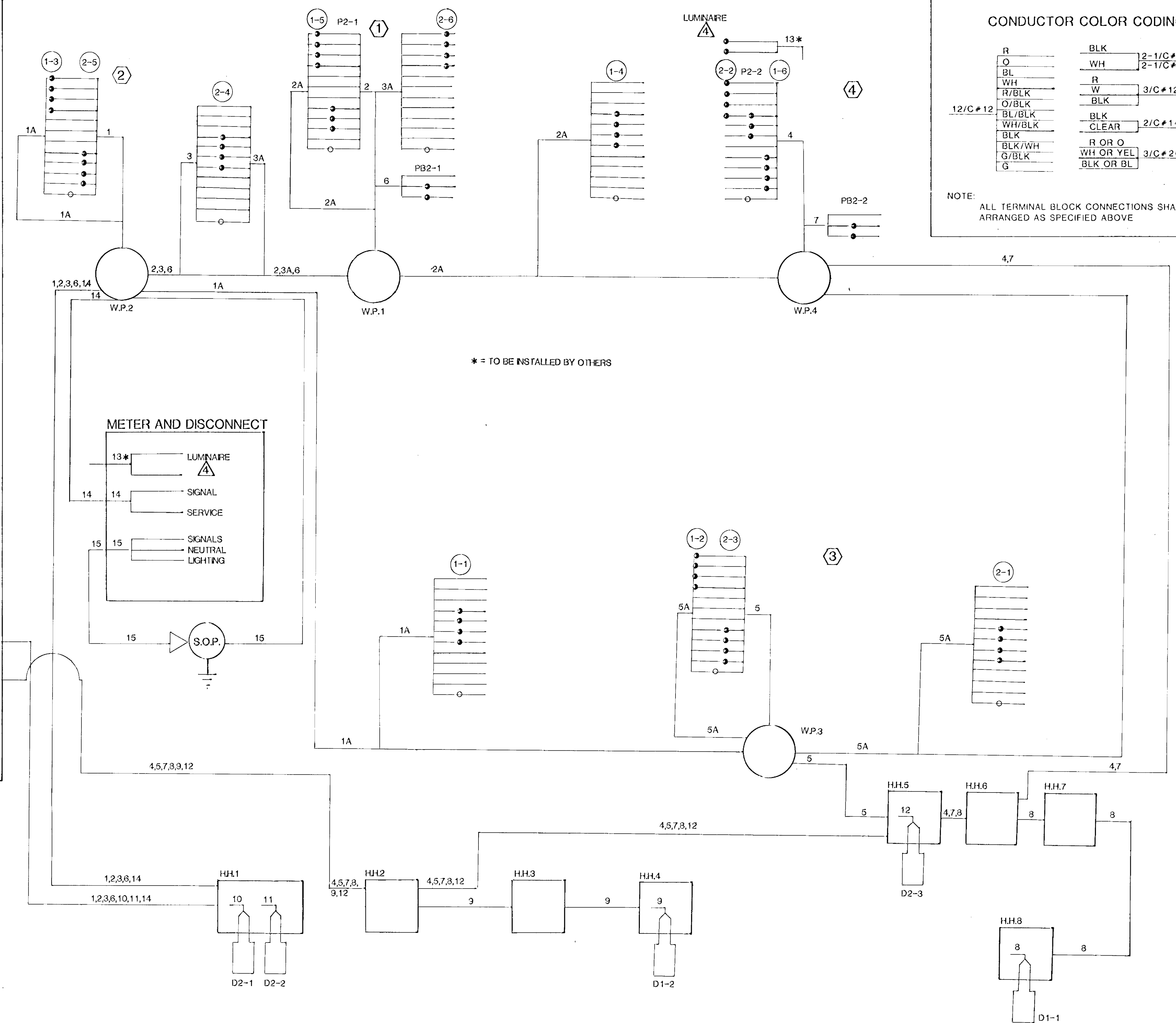
CONTROLLER CABINET



CONDUCTOR COLOR CODING

R	BLK	2-1/C#6
O	WH	2-1/C#10
BL	R	3/C#12
WH	W	3/C#12
R/BLK	BLK	2/C#14
O/BLK	BLK	2/C#14
BL/BLK	CLEAR	2/C#14
WH/BLK	R OR O	3/C#20
BLK	WH OR YEL	3/C#20
BLK/WH	BLK OR BL	
G/BLK		
G		

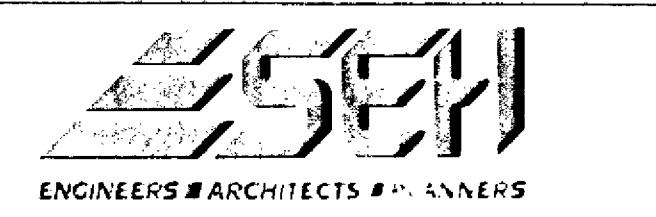
NOTE: ALL TERMINAL BLOCK CONNECTIONS SHALL BE ARRANGED AS SPECIFIED ABOVE



NO.	BY	DATE	REVISIONS

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

Alan Van Wagoner
Date: 12/13/88 Reg. No. 7289



ANOKA COUNTY
C.P. 88-25-16

TRAFFIC SIGNAL SYSTEM
FIELD WIRING DIAGRAM
C.R. 16 (BUNKER LAKE BLVD)
AT CROOKED LAKE SCHOOL EXIT

FILE NO. 89061
DATE 12/5/88