

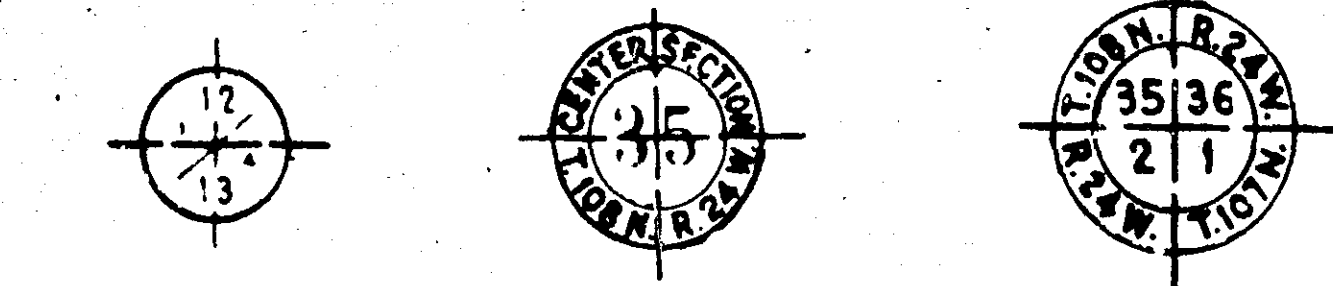
PLANS SYMBOLS

STATE LINE	--- ---
COUNTY LINE	--- ---
TOWNSHIP OR RANGE LINE	--- ---
SECTION LINE	--- ---
QUARTER LINE	--- ---
SIXTEENTH LINE	--- ---
RIGHT OF WAY LINE	--- ---
PRESENT RIGHT OF WAY LINE	--- ---
CONTROL OF ACCESS LINE	--- ---
PROPERTY LINE (Except Land Lines)	--- ---
VACATED PLATTED PROPERTY	--- ---
CORPORATE OR CITY LIMITS	--- ---
TRUNK HIGHWAY CENTER LINE	--- ---
RETAINING WALL	--- ---
RAILROAD	--- ---
RAILROAD RIGHT OF WAY LINE	--- ---
RIVER OR CREEK	--- ---
DRY RUN	--- ---
DRAINAGE DITCH	--- ---
DRAIN TILE	--- ---
CULVERT	--- ---
DRAIN INLET	--- ---
GUARD RAIL	--- ---
BARBED WIRE FENCE	--- ---
WOVEN WIRE FENCE	--- ---
CHAIN LINK FENCE	--- ---
RAILROAD SNOW FENCE	--- ---
STONE WALL OR FENCE	--- ---
HEDGE	--- ---
RAILROAD CROSSING SIGN	--- ---
RAILROAD CROSSING BELL	--- ---
ELECTRIC WARNING SIGN	--- ---
CROSSING GATE	--- ---
MEANDER CORNER	--- ---

UTILITIES SYMBOLS

POWER POLE LINE	--- ---
TELEPHONE OR TELEGRAPH POLE LINE	--- ---
JOINT TELEPHONE AND POWER ON TELEPHONE POLES	--- ---
ANCHOR	--- ---
STEEL TOWER	--- ---
STREET LIGHT	--- ---
PEDESTAL (TELEPHONE CABLE TERMINAL)	--- ---
GAS MAIN	--- ---
WATER MAIN	--- ---

CONDUIT	--- ---
TELEPHONE CABLE IN CONDUIT	--- ---
ELECTRIC CABLE IN CONDUIT	--- ---
TELEPHONE MANHOLE	--- ---
ELECTRIC MANHOLE	--- ---
BURIED TELEPHONE CABLE	--- ---
BURIED ELECTRIC CABLE	--- ---
AERIAL TELEPHONE CABLE	--- ---
SEWER (SANITARY OR STORM)	--- ---
SEWER MANHOLE	--- ---



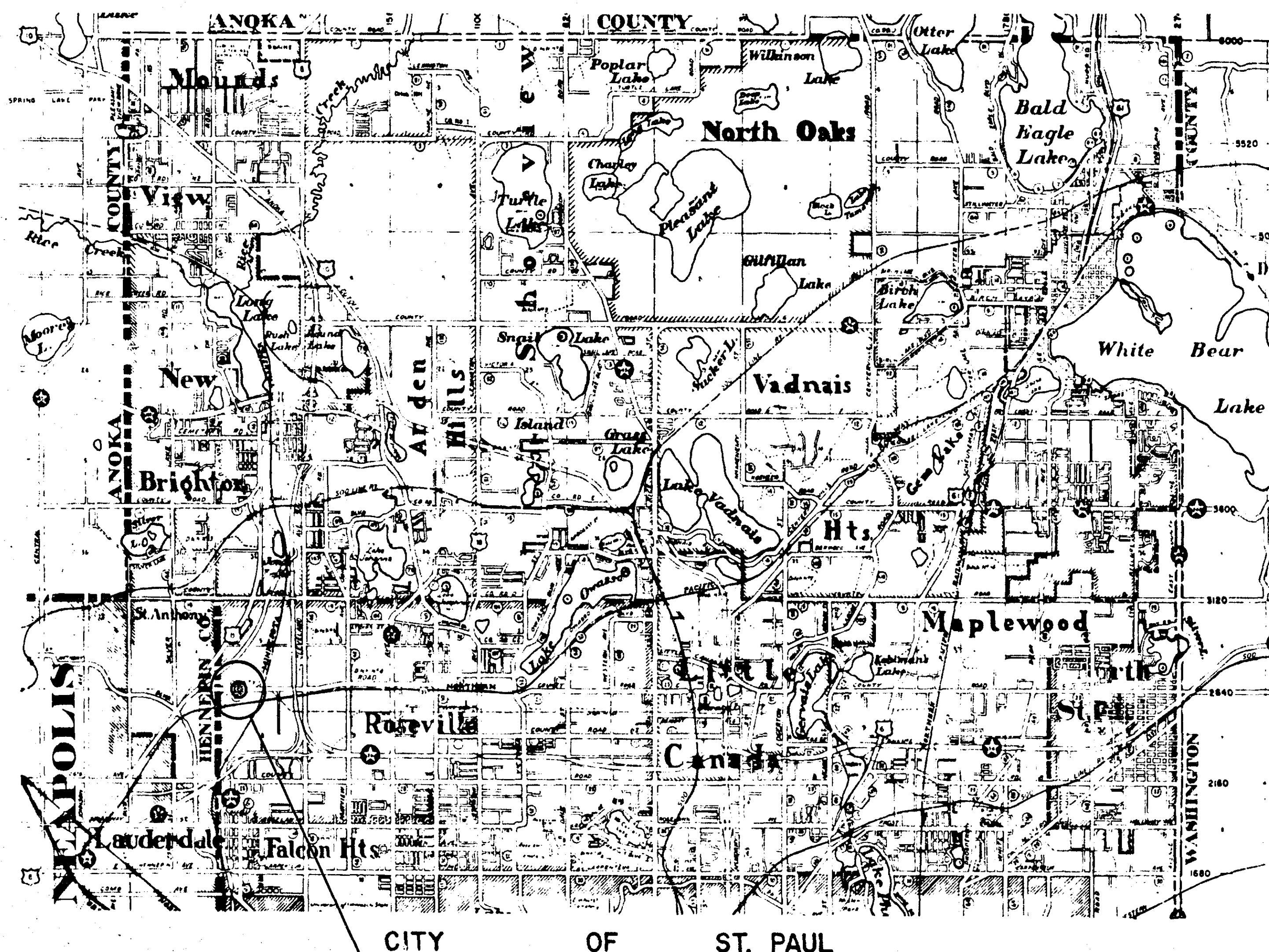
PIT DATA

PIT NO.	Located in
PIT NO.	Dead Haul

THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION DATED JANUARY 1, 1964 AS AMENDED BY "SUPPLEMENTAL SPECIFICATIONS" DATED JANUARY 1, 1968 SHALL GOVERN.

OFFICE OF COUNTY ENGINEER RAMSEY COUNTY

PLAN OF TRAFFIC CONTROL SYSTEM FOR THE INTERSECTION OF COUNTY ROAD C & WALNUT ST.



CITY OF ST. PAUL

VILLAGE OF ROSEVILLE PROJ. NO.

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	DETAILS & FIELD WIRING DIAGRAM
3	INTERSECTION LAYOUT

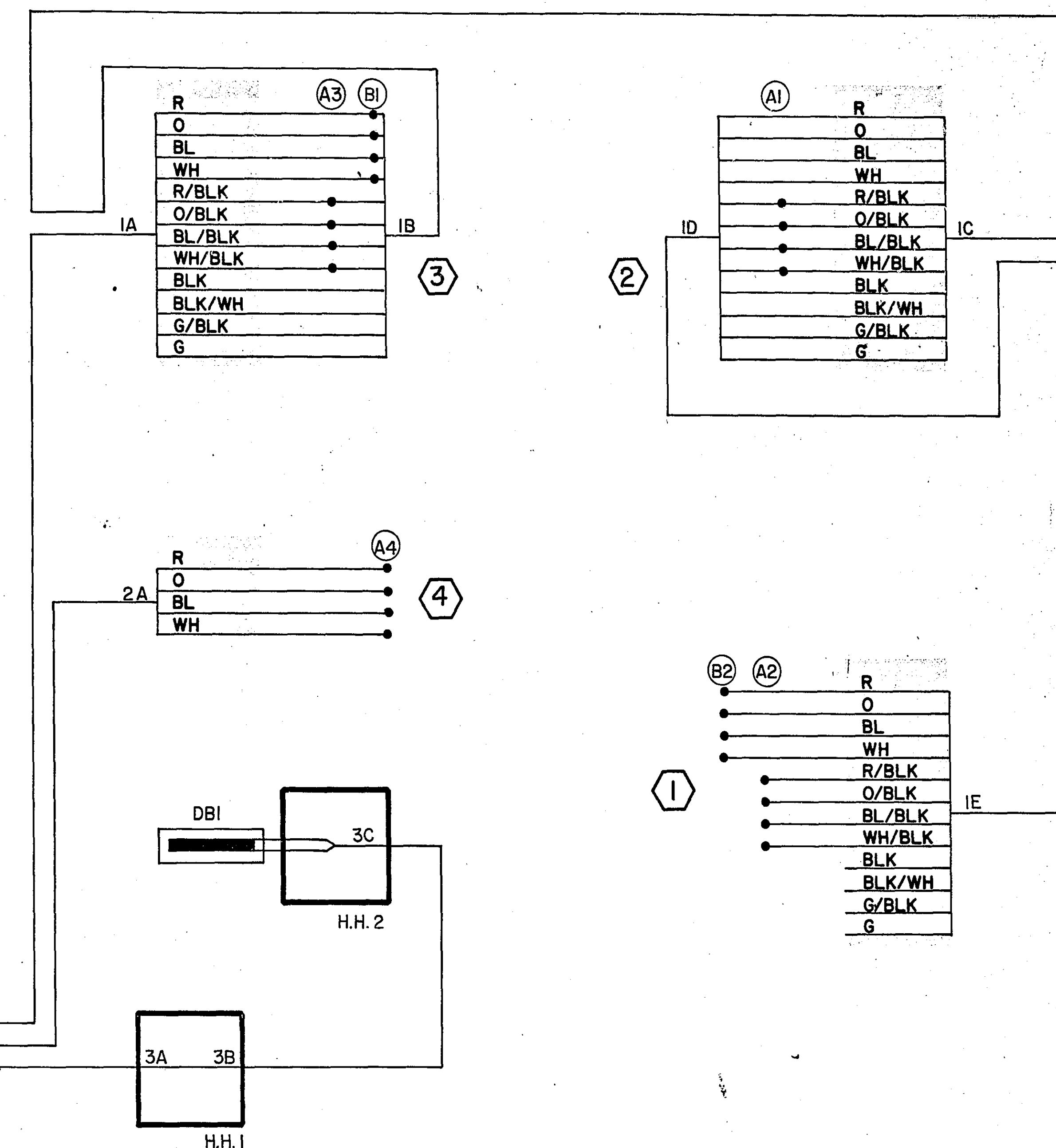
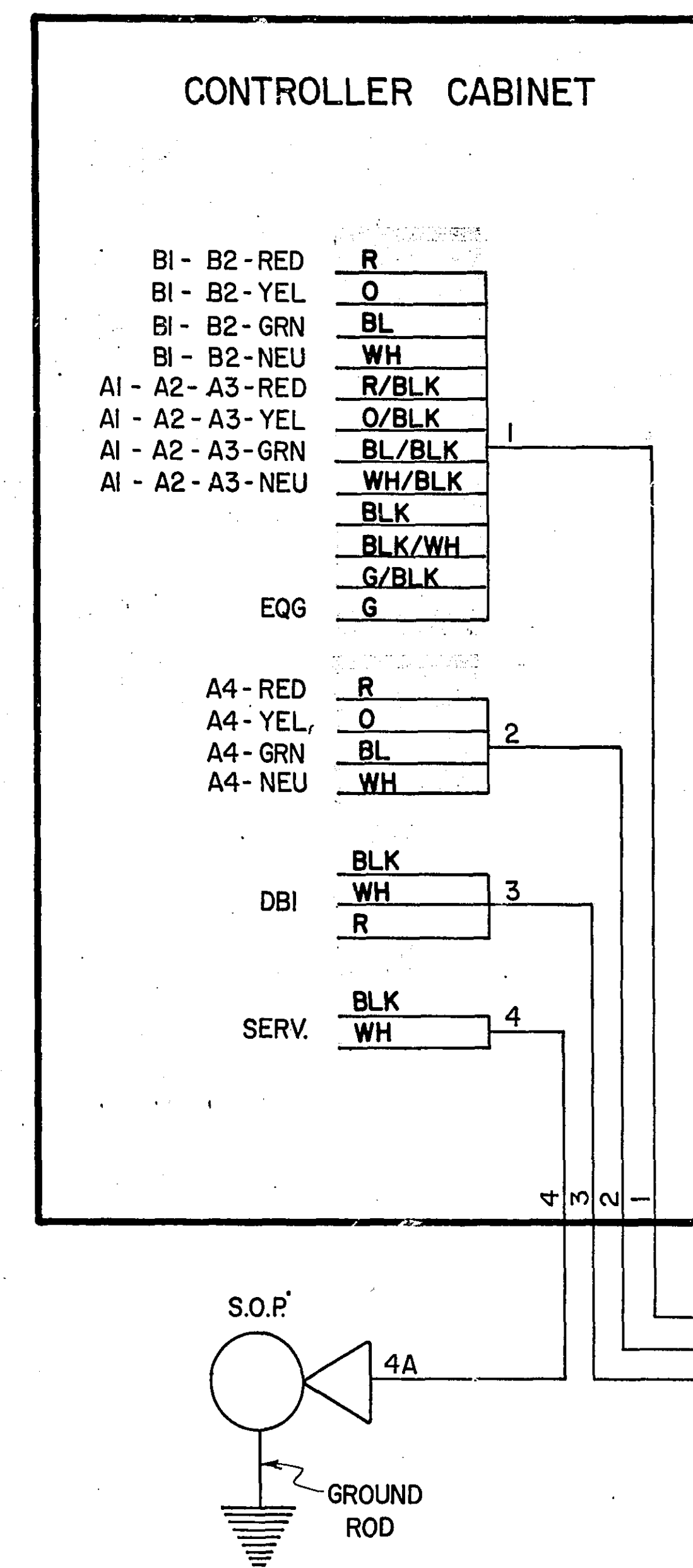
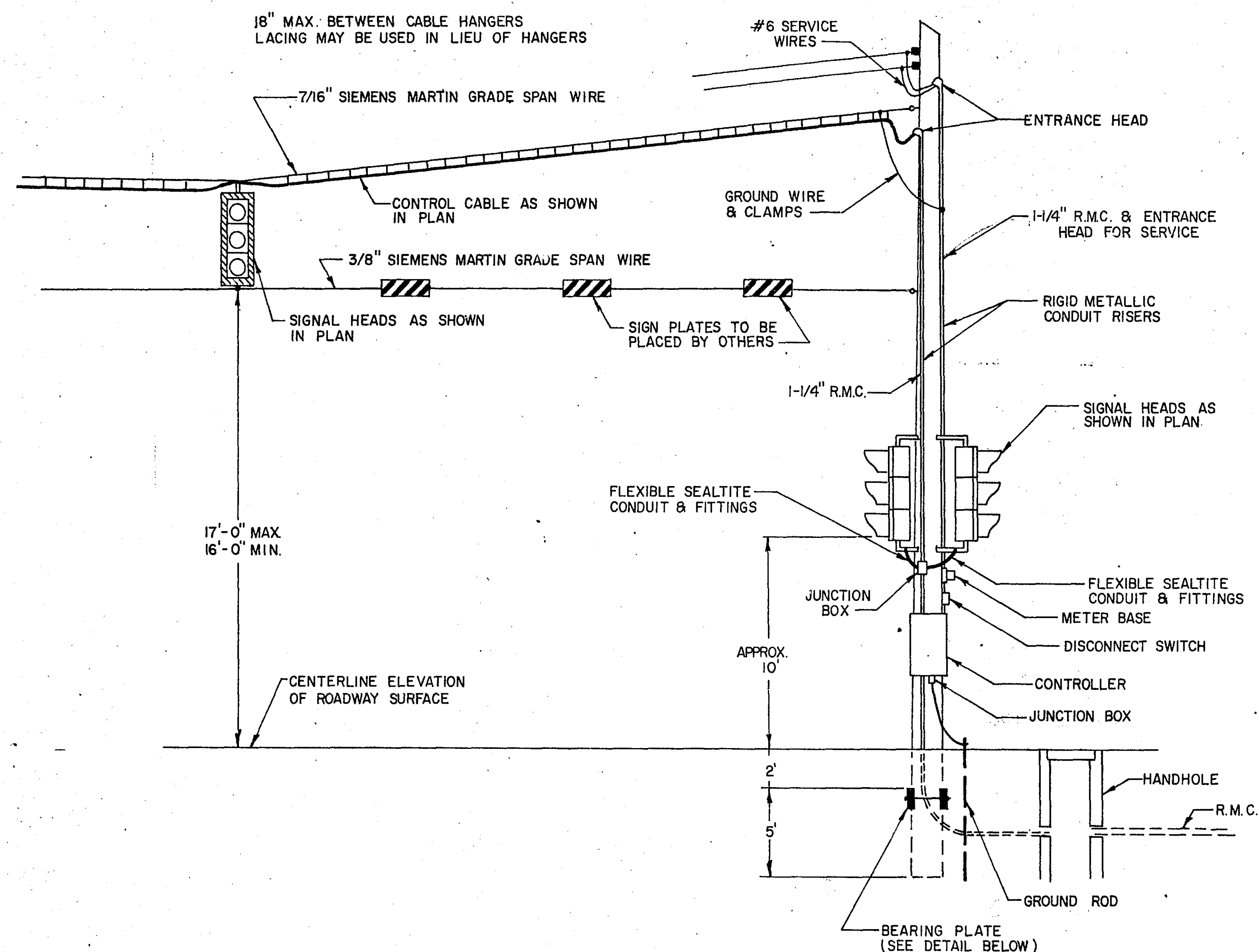
DESIGNED BY W. V. Churwith DATE 9-27-68
DIRECTOR OF SAFETY
RECOMMENDED FOR APPROVAL 10/14/68
COUNTY ENGINEER
APPROVED Thomas R. Payne DATE 10/19/68
CHAIRMAN OF THE RAMSEY COUNTY BOARD
APPROVED A. Donald Muel DATE 10/25/68
MAYOR VILLAGE OF ROSEVILLE
APPROVED Shuman L. Goldberg DATE 10/25/68
VILLAGE ENGINEER

VILLAGE OF ROSEVILLE PROJ. NO.

Sheet No. 1 of 3 Sheets

MICROFILMED
RAMSEY CO. ENGR.

TEMPORARY WOOD POLE TRAFFIC SIGNAL



ABBREVIATIONS

EQUIPMENT & INDICATIONS

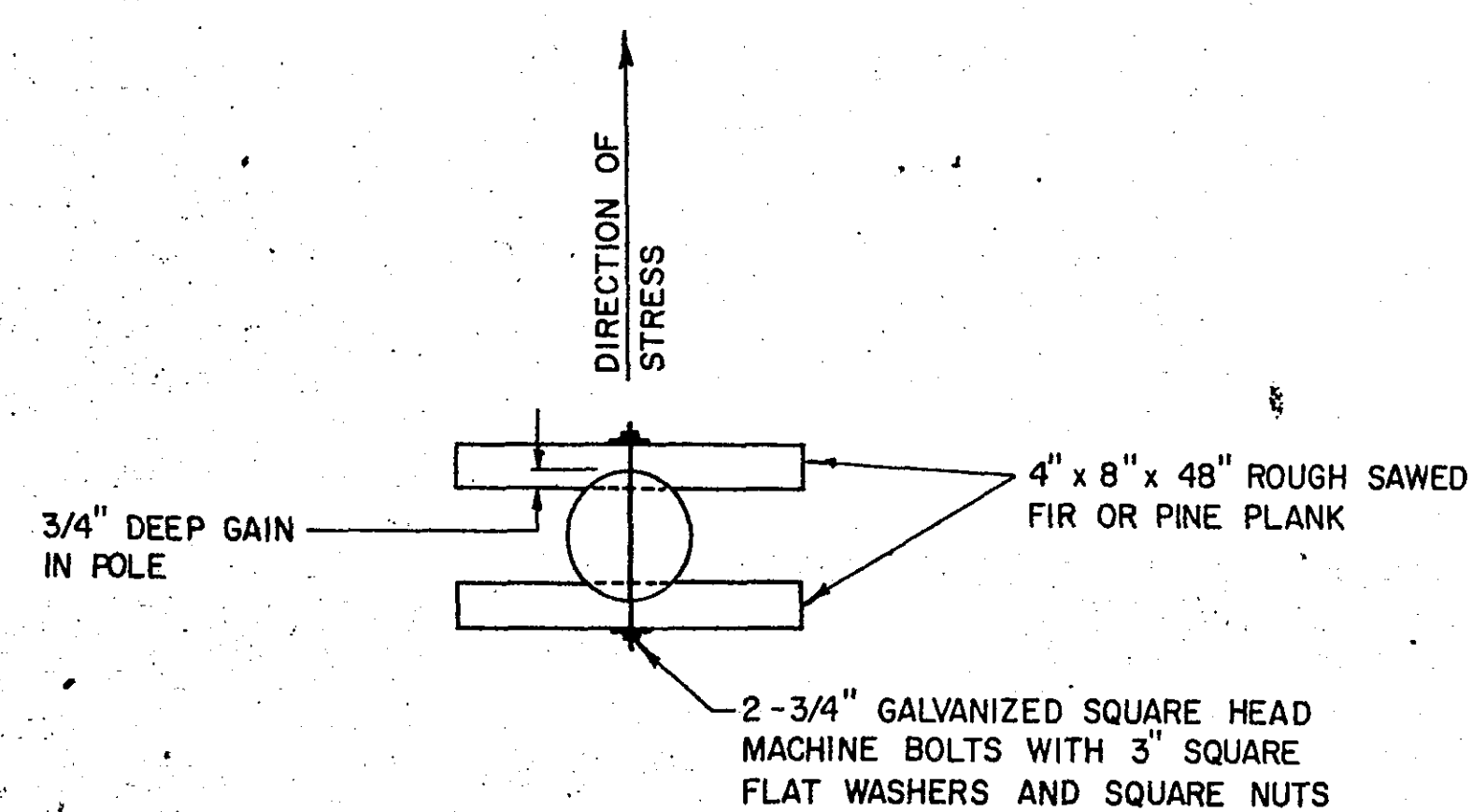
RED - RED
YEL - YELLOW
GRN - GREEN
LTA - LEFT TURN ARROW
THA - THRU ARROW
RTA - RIGHT TURN ARROW
TRA - THRU AND RIGHT ARROW
WLK - WALK
NEU - NEUTRAL
DWK - DON'T WALK
SW - SWITCH
SWD - SWITCHED
LUM - LUMINAIRE
PA1(eg) - PEDESTRIAN INDICATION -
PBB2(eg) - PUSH BUTTON - "B" PHAS
C3(eg) - SIGNAL HEAD - "C" PHASE
DA4(eg) - DETECTOR - "A" PHASE
H.H. - HANDHOLE
GR.R. - GROUND ROD
SERV. - SERVICE

DNL - DOWNLIGHT
P.E.C. - PHOTOELECTRIC CELL
ST. LHT. - STREET LIGHT
CH. - CHECK
S.O.P. - SOURCE OF POWER
E.Q.G. - EQUIPMENT GROUND
SPR - SPARE CONDUCTOR

COLOR CODING OF CONDUCTORS

R-RED
O-ORANGE
BL-BLUE
WH-WHITE
R/BLK - RED WITH BLACK TRACER
O/BLK - ORANGE WITH BLACK TRACER
BL/BLK - BLUE WITH BLACK TRACER
WH/BLK - WHITE WITH BLACK TRACER
BLK - BLACK
BLK/WH-BLACK WITH WHITE TRACER
G/BLK - GREEN WITH BLACK TRACER
G - GREEN

BEARING PLATE DETAIL



STANDARD PLATES	
PLATE NO.	DESCRIPTION
8I13A	MAGNETIC VEHICLE DETECTOR INSTALLATION
8I17A	PRECAST CONCRETE HANDHOLE
8I18A	SERVICE EQUIPMENT

DETAILS & WIRING DIAGRAM

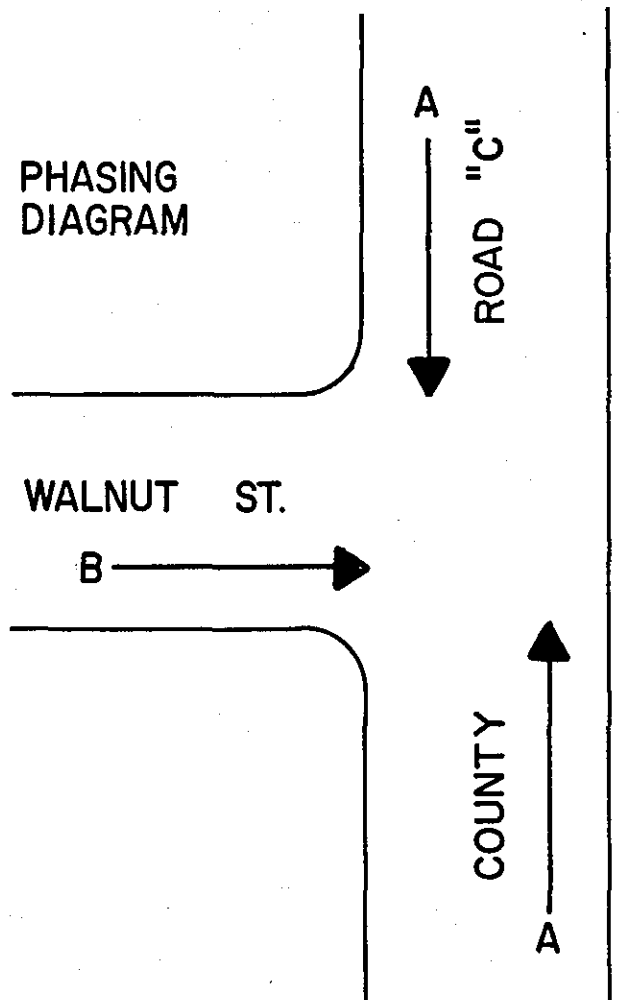
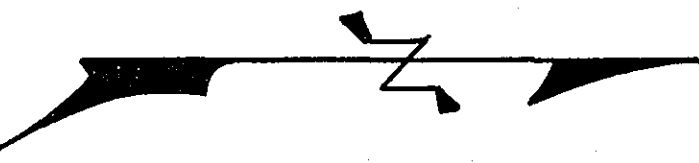
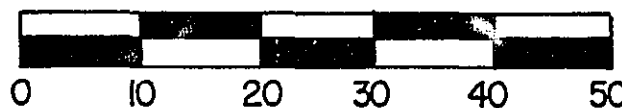
MICROFILMED
RAMSEY CO. ENGR.

VILLAGE OF ROSEVILLE PROJ. NO.

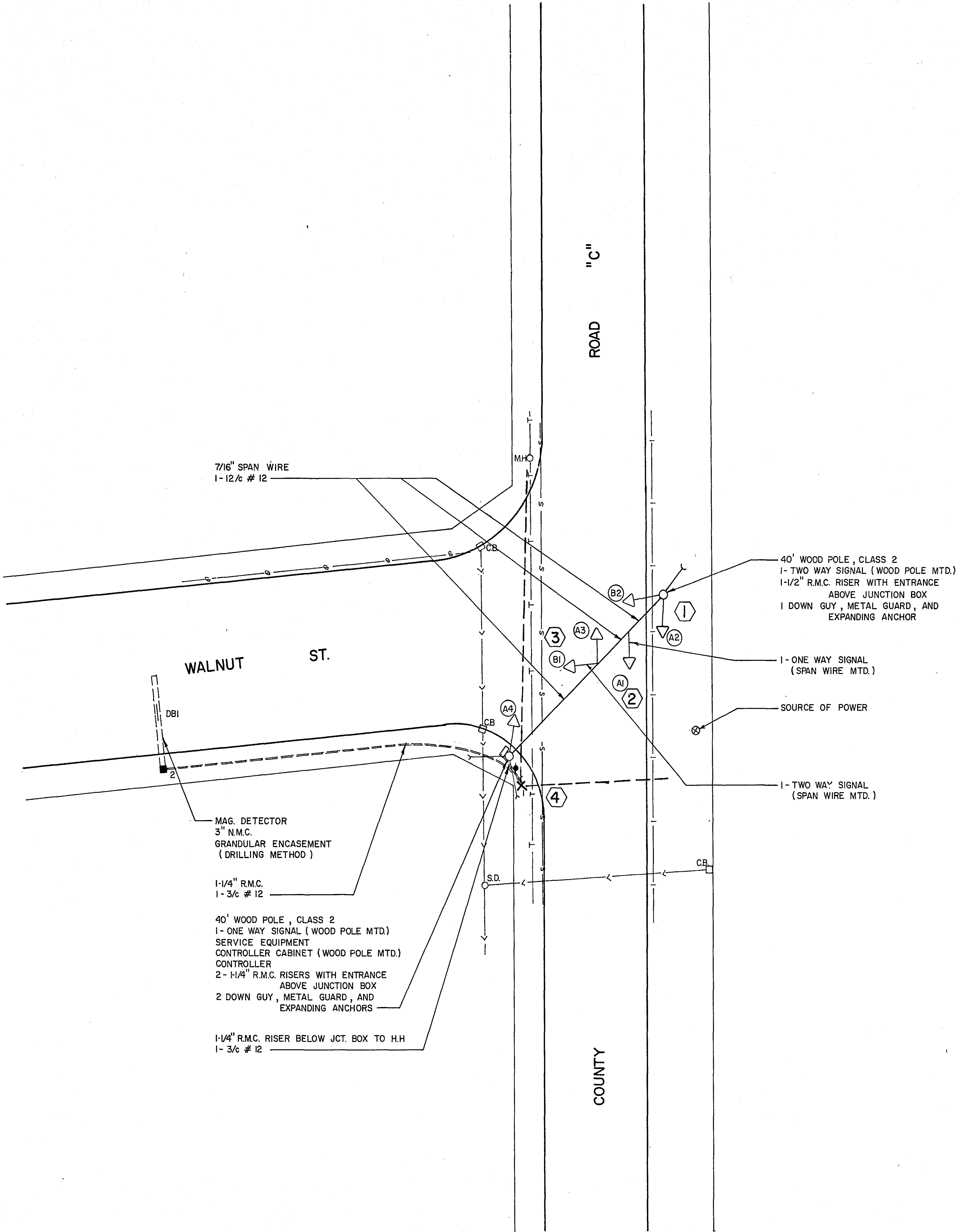
SHEET NO. 2 OF 3 SHEETS

LEGEND OF SYMBOLS	
	CONTROLLER
	HANDHOLE (PULLBOX)
	WOOD POLE
	RIGID METALLIC CONDUIT (R.M.C.)
	SIGNAL FACE
	SIGNAL FACE WITH BACKGROUND SHIELD
	SOURCE OF POWER
	RIGID METALLIC CONDUIT INPLACE
	HANDHOLE (PULLBOX) INPLACE

COUNTY ROAD C & WALNUT ST.



FACE	PHASE	FLASH	INDICATION SIZE					
			R	Y	G	←	↑	→
A1	A	R	8"	8"	8"	-	-	-
A2	A	R	8"	8"	8"	-	-	-
A3	A	R	8"	8"	8"	-	-	-
A4	A	R	8"	8"	8"	-	-	-
B1	B	R	8"	8"	8"	-	-	-
B2	B	R	8"	8"	8"	-	-	-



PLAN