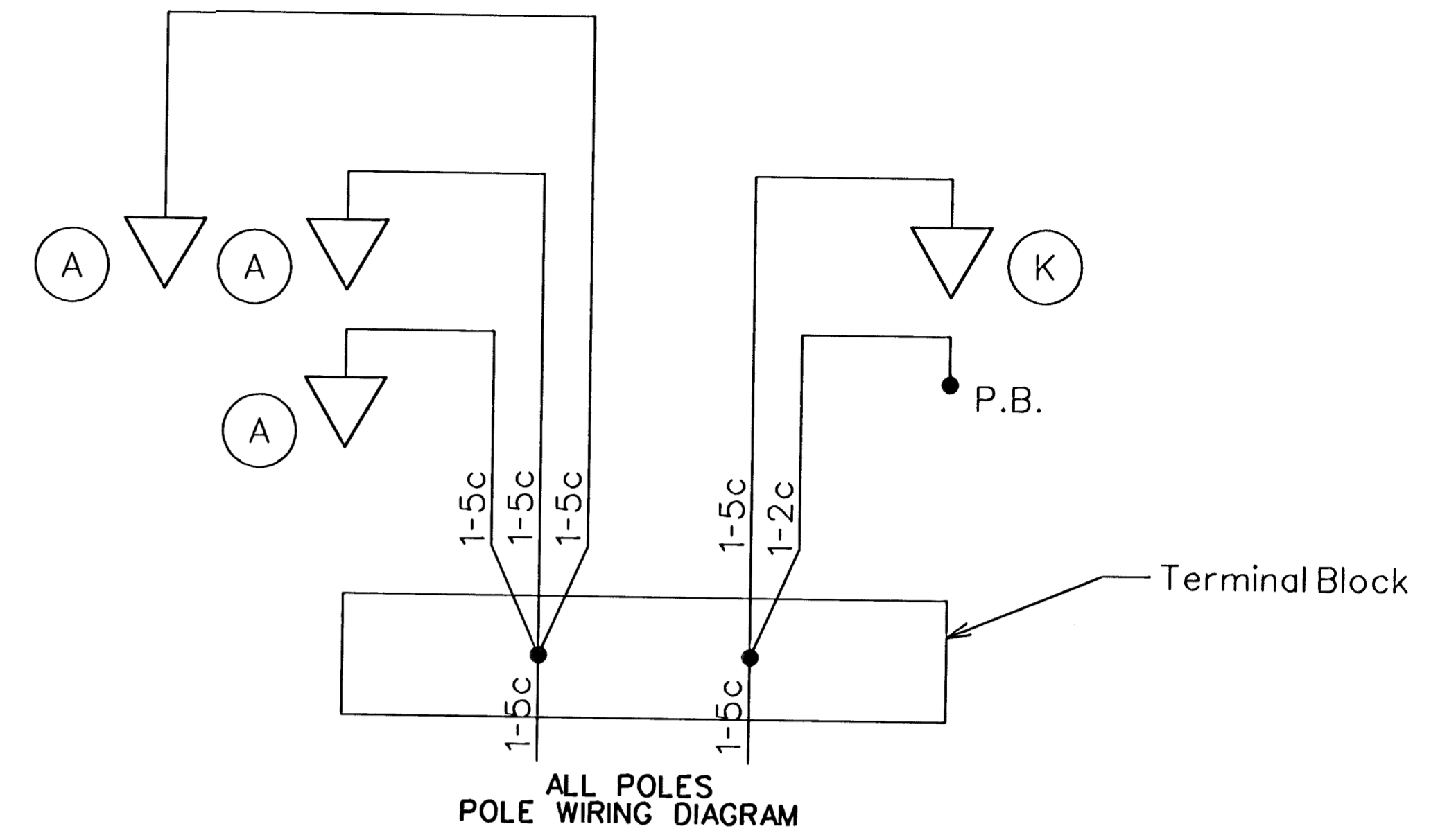


WIRING DIAGRAM

LEGEND

SIG. -SIGNAL CABLE
 GRS -GALVANIZED RIGID STEEL CONDUIT
 ALL WIRE TO BE #14 UNLESS OTHERWISE NOTED



NOTES:

1. THE ENGINEER WILL STAKE THE LOCATIONS FOR POLES, BOXES, AND THE CONTROLLERS.
2. SERVICE AND JUNCTION BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING. AS APPROVED BY THE ENGINEER.
3. THE LOCATIONS OF THE EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
4. CONDUITS SHALL BE BORED UNDER EXISTING PAVEMENT.
5. BOXES SHALL NOT BE INSTALLED IN SIDEWALK RAMPS.
6. THE CONTRACTOR SHALL COORDINATE THE POWER HOOKUP WITH KEN McLEMORE, WESTAR ENERGY 261-6774.
7. INSTALL 50mm GRS AND JUNCTION BOXES EVERY 45mm FROM SERVICES BOX @ STA. 1+704.15, 10.5M LT. TO EXISTING SERVICE BOX ON NORTHWEST CORNER AT CENTRAL AND TYLER.
8. SIGNAL POLES AND EQUIPMENT TO BE BLACK

SUGGESTED TIMINGS (Sec.)

PHASE	MINIMUM INITIAL	UNIT EXTENSION	MAXIMUM GREEN	PEDESTRIAN		CLEARANCE	
				WALK	FDW	YELLOW	ALL RED
2	10.0	-	30.0	-	-	4.0	2.0
4	3.0	-	-	10.0	22.0	-	2.0

* PHASE TO BE PLACED ON RECALL
 DESIGN SPEED FOR CLEARANCE INTERVALS:
 CENTRAL AVENUE - 65 Km/h

CITY OF WICHITA
 CENTRAL AVENUE IMPROVEMENTS
 PEDESTRIAN CROSSING
 AT
 Sta. 1+700.000

WICHITA KANSAS

DESIGNED: B.A.L. DRAWN: M.P.M.
 CHECKED: J.R.L. DATE: 1/2003
 SCALE: None SHEET NO: 52

TRANSYSTEMS CORPORATION
 215 North Wood, Suite 220
 Wichita, Kansas 67202