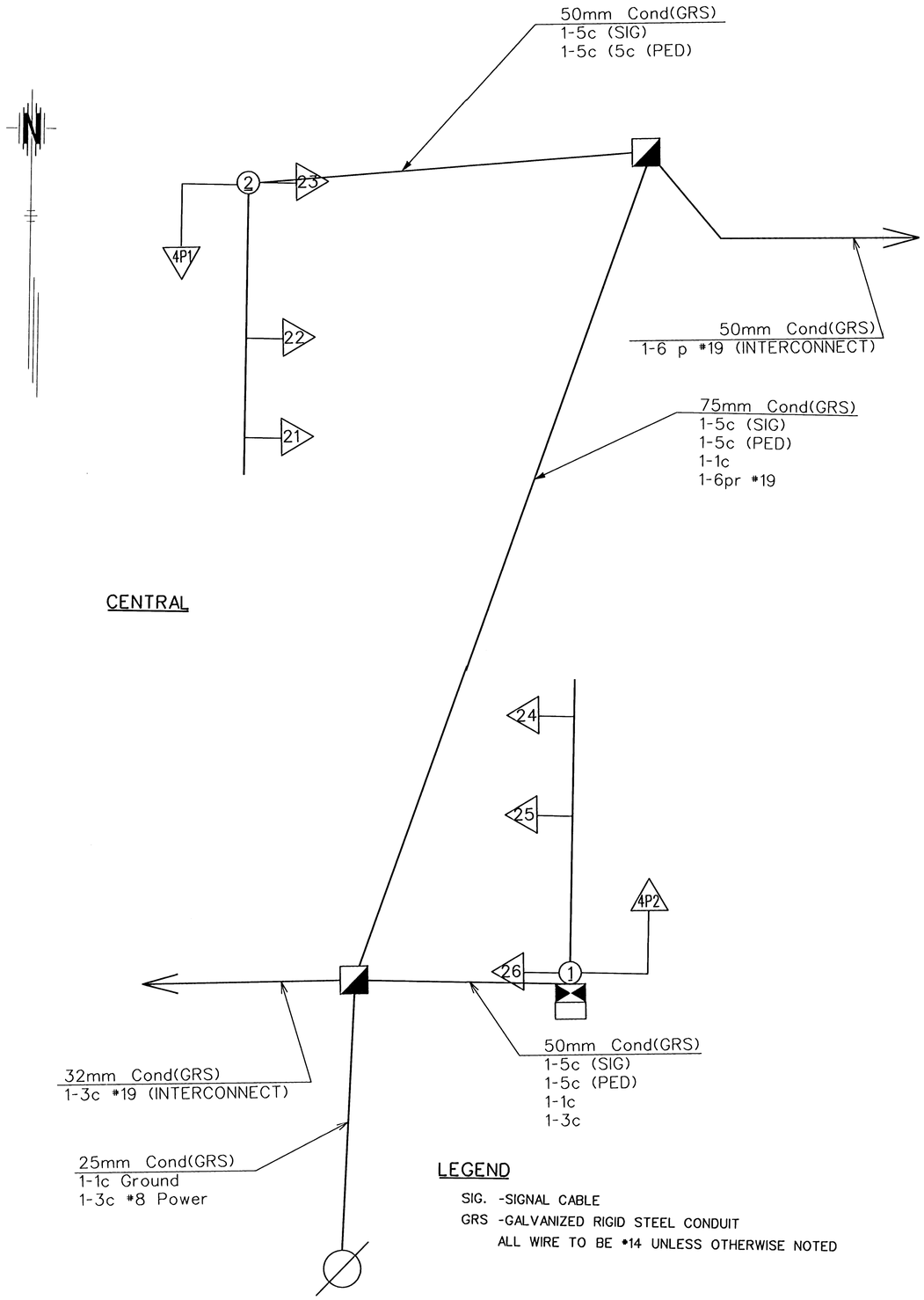
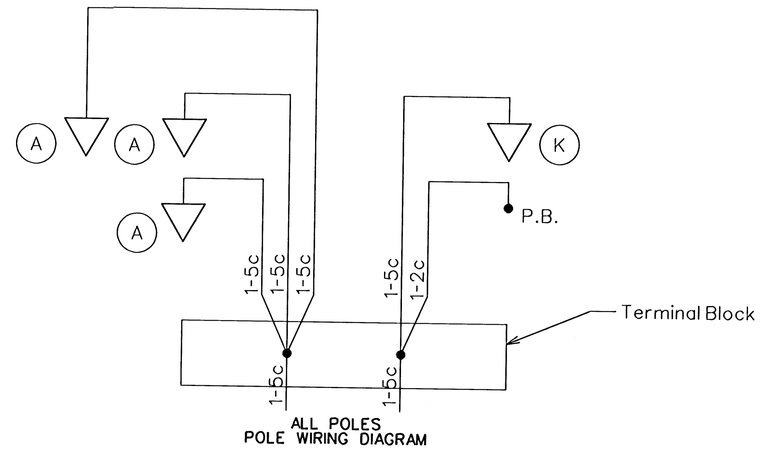


WIRING DIAGRAM

LEGEND

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



ALL POLES
POLE WIRING DIAGRAM

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 WHICK 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 GRC 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

TRANSYSTEMS CORPORATION
245 North Waco, Suite 420
Wichita, Kansas 67202

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