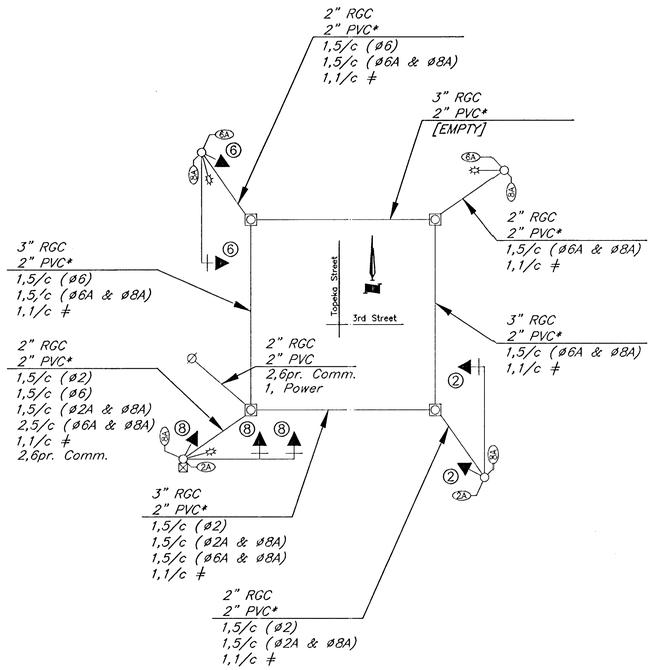
TYPE 170 CONTROLLER SETTINGS

INTERVAL		"WAPITI PROGRAM" PHASE 1 WBLT	2 EB	3 SBLT	4 NB	5 EBLT	6 WB	7 NBLT	8 SB	NORMAL DISPLAY TIME CLOCK C		FEATURES F	1	2	3	4	5	6	7	8
MAX	0	0	40	0	0	0	0	0	40	0	YEAR	VEH RECALL		X						X
MAX 2	1	0	40	0	0	0	0	0	40	1	MONTH	PED RECALL		X						X
WALK	2	0	12	0	0	0	0	0	12	2	DAY/MONTH	RED LOCK								
FL DW	3	0	12	0	0	0	0	0	12	3	DAY/WEEK	YEL LOCK								
MAX INIT.	4	0	24	0	0	0	0	0	24	4	HOUR	Ø PERMIT		X				X		X
MIN GREEN	5	0	23	0	0	0	0	0	23	5	MINUTE	PED PHASES		X				X		X
TBR	6	0	0	0	0	0	0	0	0	6	SECOND	LEAD PHASES	X	X	X	X				
TTR	7	0	0	0	0	0	0	0	0	7		DBL ENTRY								
	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8		SEQUENTIAL								
PASSAGE	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9		START UP								
MIN GAP	a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	a		OVERLAP A								
ADD ACT	b	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	b		OVERLAP B								
YELLOW	c	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0	c		OVERLAP C								
RED CLR	d	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	u		OVERLAP D								
RED REV	e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	e		EXCLUSIVE								
WALK II	f	0	0	0	0	0	0	0	0	f		SIM GAP								

WIRING DIAGRAM

≠ Denotes #8AWG Equipment Ground
* For Street Lights (Wiring to be installed by Westar Energy)



TRAFFIC SIGNAL POLE SUMMARY

POLE NO.	STATION	OFFSET/ SIDE	TYPE ①	ARM LENGTH	X1	X2	ARM BRACKET TYPE	ARM BRACKET NO.	POLE BRACKET TYPE	REMARKS
1	4+60	26' Lt.	C	22'	20'	–	1	1	III	②④
2	5+30	36' Lt.	D	–	–	–	–	–	II	②
3	5+29.5	36.5' Rt.	B	32'	30'	–	1	1	III	③④
4	4+72.5	39' Rt.	C	35'	21'	12'	1	2	III	②③④

① A – Pedestal Pole (15' Aluminum)
B – Pole (20' Steel with Mast Arm)
C – Joint use Pole (30' Steel with Mast Arm)
D – Joint use Pole (30' Steel)

② R6-1 Sign
③ Meter & Controller Pole Mounted
④ Street Name Sign

2,6,8
12IN R
12IN Y
12IN G

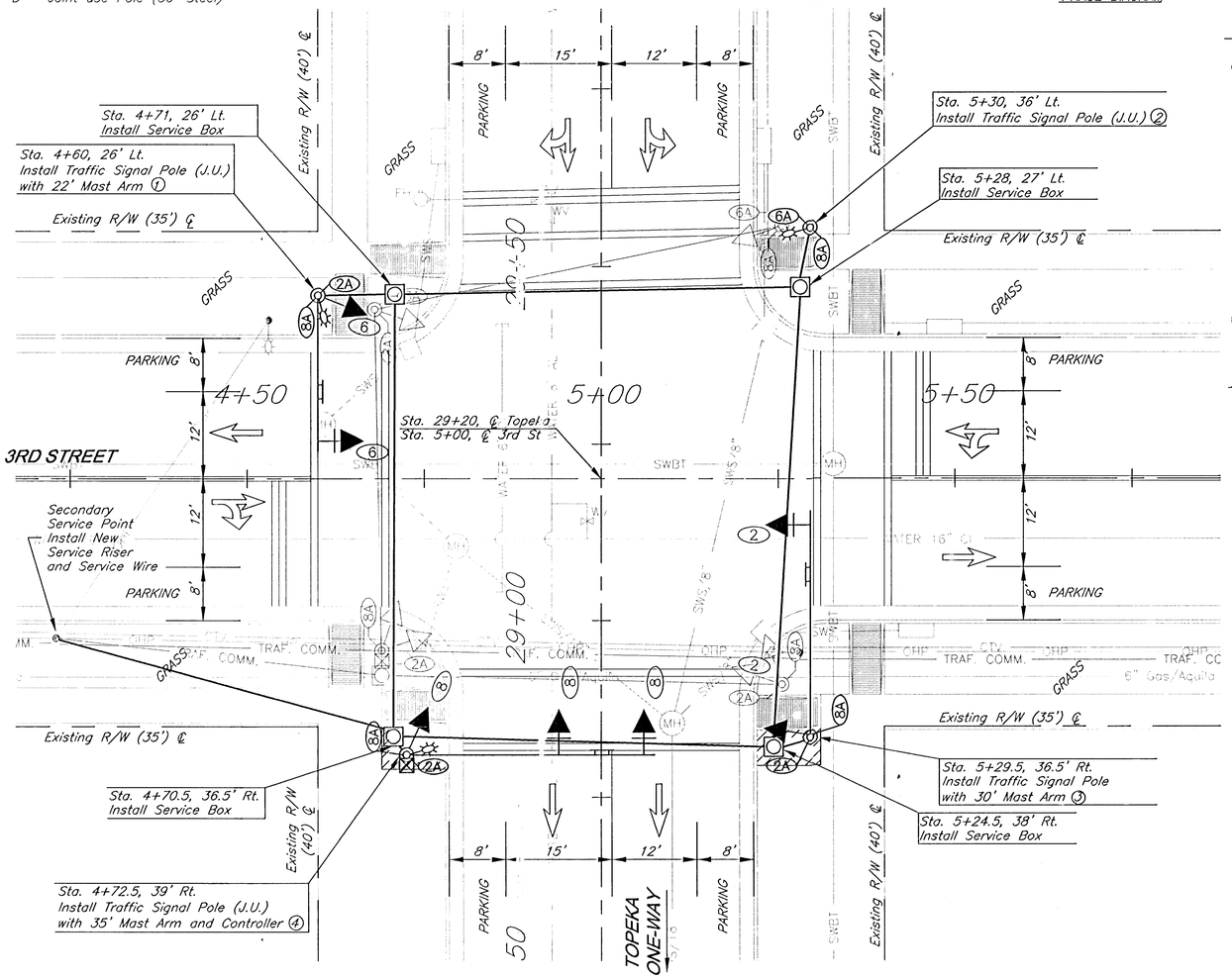
2A,6A,8A

SIGNAL HEADS

PED
PED
ø2/ø6

PED
ø8

PHASE DIAGRAM



Meter Address:
361 N. Topeka

LEGEND

Proposed	Existing	
⊠	⊠	Traffic Signal Controller
→▶	→▷	Traffic Signal Head
+▶	+▷	Traffic Signal Head with Backplate
◎	◎	Pedestrian Signal Pole
◎—	◎—	Traffic Signal Pole
—☼		Luminaire
(S2)		Movement Number
(X)		Pole Number
⊥		Street Name Sign
⊡	⊡	Signal Service Box
⊡	⊡	Westar Energy Manhole
●	●	Westar Energy Wood Pole
⊘	⊘	Westar Energy Metal Pole
◕	◕	SWB Wood Pole
○	○	City Metal Pole
FH◇	FH◇	Fire Hydrant
WV	WV	Water Valve
		Pavement & Walk Removal

10' 0' 10' 20'
SCALE : 1 INCH = 10 FEET

NOTES:
Existing underground (U/G), overhead (O.H.) utilities and drainage structures have been plotted from available information and therefore, their locations must be considered approximate only. It is the responsibility of the individual contractors to exactly locate each utility before actual construction.

Poles to be galvanized prior to black powder coating.

Communication Cable shall be pulled back to existing Westar Energy Pole. Contractor to install aerial splice and re-route communication cable through new service box to new controller.

All existing traffic signal equipment to be removed unless otherwise noted.

Service boxes within sidewalk shall use a 1981 Deeter Rim and Cover.

SHEET NO.	TOTAL SHEETS
4	11

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1	8/09/02	PER CITY COMMENTS	RLC	SAC

CITY OF WICHITA, KANSAS
SEDGWICK COUNTY
TRAFFIC SIGNAL PLAN
TOPEKA & 3RD ST.

PROJECT NO. 472-83510 (MS-231001)

GBA GEORGE BUTLER ASSOCIATES, INC.
Engineers · Architects

DESIGNED	SAC	CHECKED	SAC	PROJ. NO.	9807.00
DRAWN	JDB			DATE	JUL. 19, 2002

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