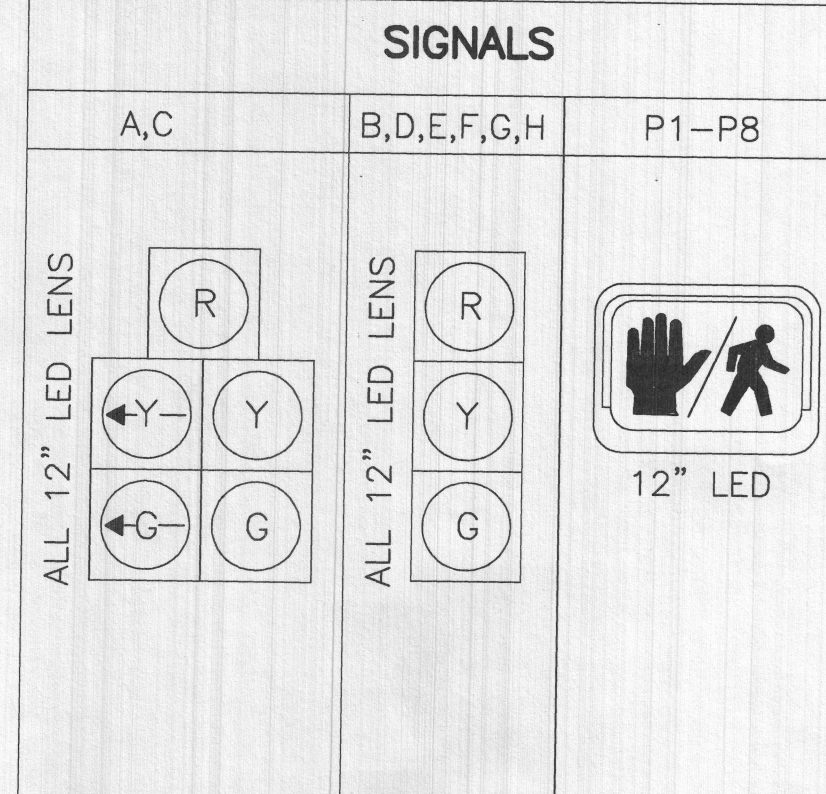
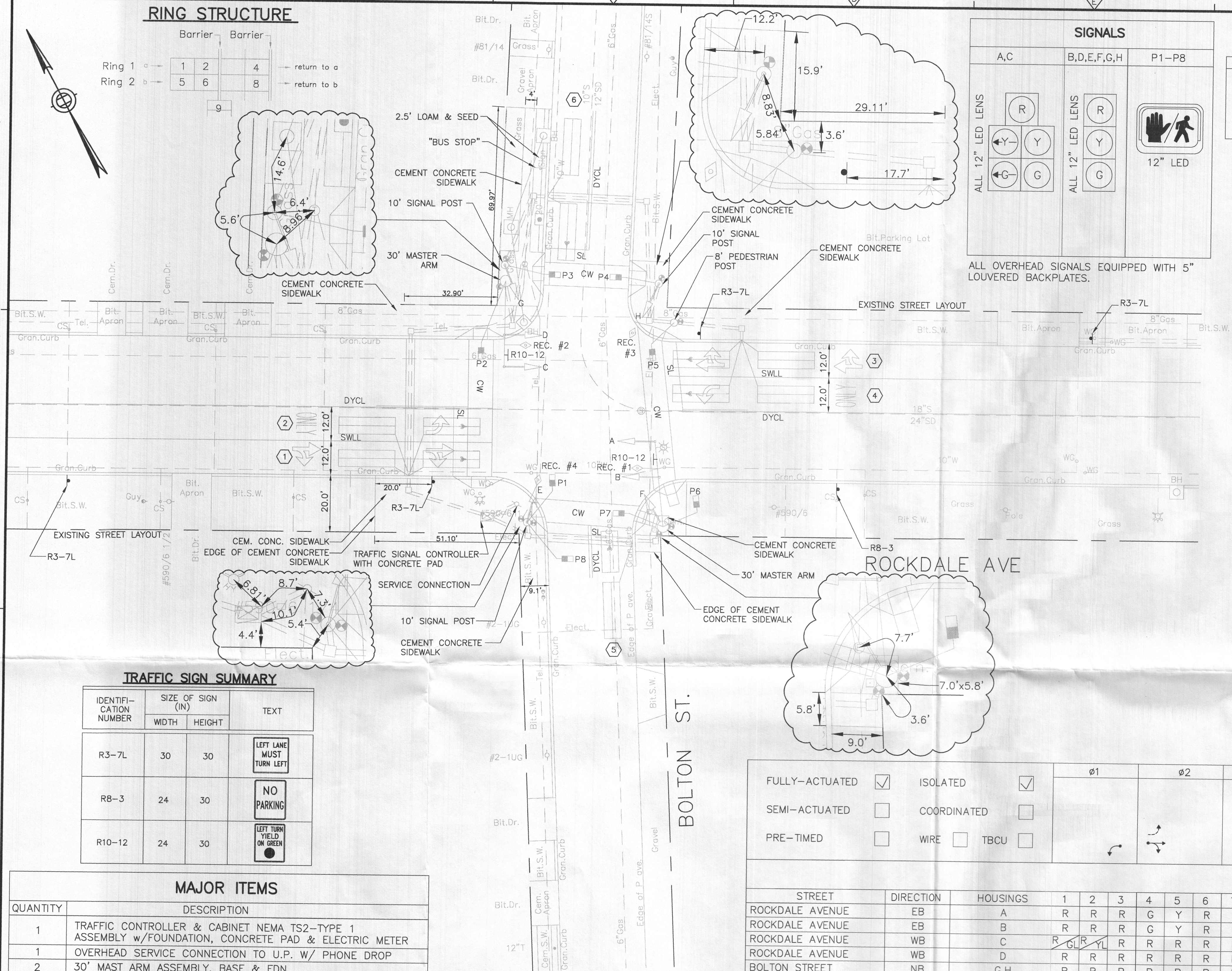
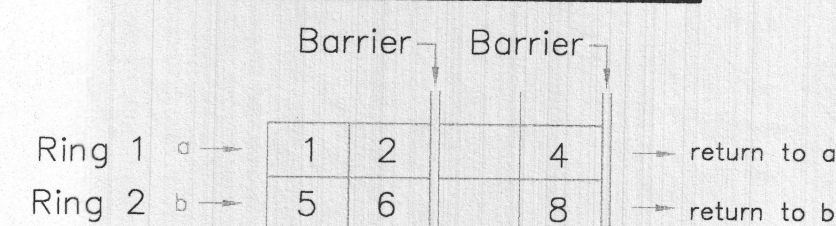
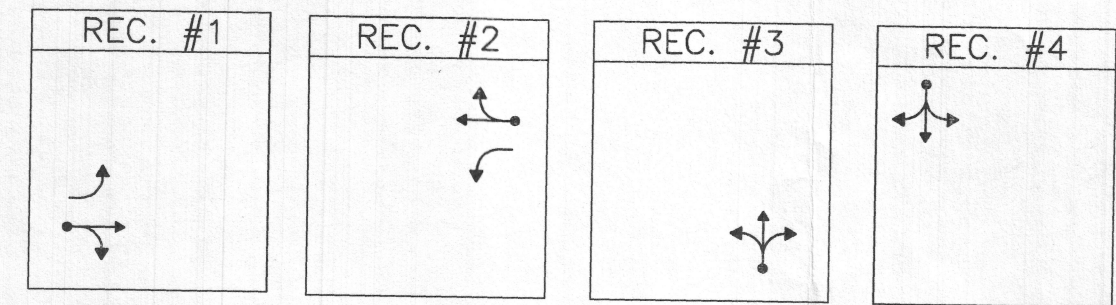


RING STRUCTURE

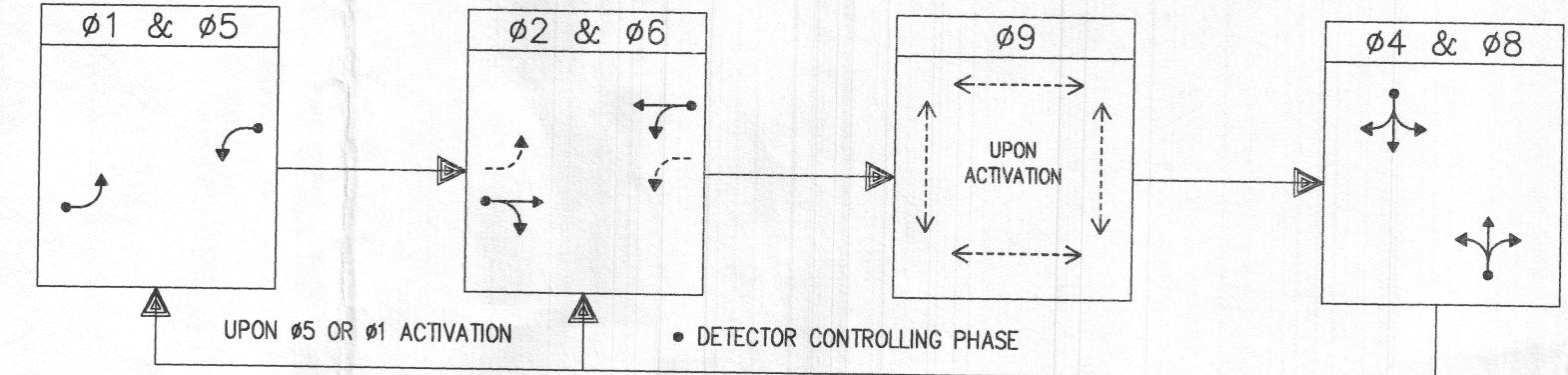


PREEMPTION PHASES



TRAFFIC CONTROLLER DATA	
PARAMETER	SELECTION
PHASE ASSIGNMENTS	STD. NEMA
OVERLAPS	STD. NEMA
RINGS	DUAL
DUAL ENTRY	OFF
SIMULTANEOUS GAP OUT DISABLED	YES
ALL RED REST	OFF
RED REVERT-# OF SECONDS	-
MINIMUM YELLOW IN SECONDS	3
MAX II BY INTERNAL CLOCK	YES
NIGHT TIME FLASH BY INTERNAL CLOCK	NO

ROCKDALE AVENUE AT BOLTON STREET PREFERENTIAL PHASE SEQUENCE



LOOP DETECTOR DATA

DETECTION ZONE	NO. OF SEGMENTS	LOOP SIZE	SPICE PATTERN	NO. OF TURNS	φ CALLED	φ EXT.	DELAY TIME	EXT. TIME
1	2	6' x 20'	QUADRUPOLE	2	2	-	-	-
2	2	6' x 20'	QUADRUPOLE	5	5	-	-	-
3	2	6' x 20'	QUADRUPOLE	6	6	-	-	-
4	2	6' x 20'	QUADRUPOLE	1	1	-	-	-
5	2	6' x 20'	QUADRUPOLE	8	8	-	-	-
6	2	6' x 20'	QUADRUPOLE	4	4	-	-	-

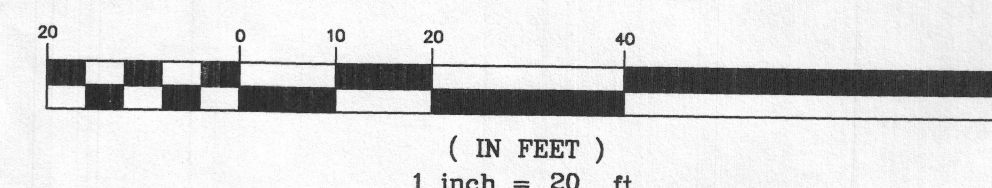
TRAFFIC SIGN SUMMARY

IDENTIFICATION NUMBER	SIZE OF SIGN (IN)		TEXT
	WIDTH	HEIGHT	
R3-7L	30	30	LEFT LANE MUST TURN LEFT
R8-3	24	30	NO PARKING
R10-12	24	30	LEFT TURN YIELD ON GREEN

MAJOR ITEMS

QUANTITY	DESCRIPTION
1	TRAFFIC CONTROLLER & CABINET NEMA TS2-TYPE 1 ASSEMBLY w/FOUNDATION, CONCRETE PAD & ELECTRIC METER
1	OVERHEAD SERVICE CONNECTION TO U.P. W/ PHONE DROP
2	30' MAST ARM ASSEMBLY, BASE & FDN.
6	SIGNAL HEAD, 3 SECTION LED
2	SIGNAL HEAD, 5 SECTION LED
1	SIGNAL POST - 8 FT. & FOUNDATION
3	SIGNAL POST - 10 FT. & FOUNDATION
8	INTERNATIONAL SYMBOL PEDESTRIAN HOUSING LED
8	5" LOUVERED BACKPLATES
8	PEDESTRIAN PUSH BUTTON, SIGN & SADDLE
9	PULL BOX 12' X 12' - SD 2.031
12	QUADRUPOLE LOOP DETECTORS (6'x20')
2	DUAL CHANNEL PHASE SELECTOR (PREEMPTION)
4	UNIDIRECTIONAL SINGLE CHANNEL OPTICAL DETECTOR (RECEIVER)-PREEMPTION
6	LOOP DETECTOR AMPLIFIERS
1	EMERGENCY PREEMPTION CONFIRMATION KIT
PLUS ALL MISCELLANEOUS EQUIPMENT AND MATERIAL NECESSARY TO PROVIDE A COMPLETE OPERATING TRAFFIC CONTROL SIGNAL.	

GRAPHIC SCALE



FULLY-ACTUATED ☒	ISOLATED ☒	01	02	04	05	06	08	09
SEMI-ACTUATED ☐	COORDINATED ☐							
PRE-TIMED ☐	WIRE ☐ TBCU ☐							

SEQUENCE AND TIMING

STREET	DIRECTION	HOUSINGS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	FLASH OPER.
ROCKDALE AVENUE	EB	A	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FR
ROCKDALE AVENUE	EB	B	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FR
ROCKDALE AVENUE	WB	C	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FR
ROCKDALE AVENUE	WB	D	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FR
BOLTON STREET	NB	G,H	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FR
BOLTON STREET	SB	E,F	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FR
PEDESTRIAN	ALL	P1-P8	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	OUT
MINIMUM INITIAL PASSAGE			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
MAXIMUM 1 (6:00-10:00 A.M. WEEKDAY)			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
MAXIMUM 2 (ALL OTHER TIMES)			10	37	21	10	37	21	10	37	21	10	37	21	10	37	21	10	37	21	10	37	21	
CHANGE PEDESTRIAN			3.7	1.8	3.6	1.8	3.1	2.5	3.7	1.8	3.6	1.8	3.1	2.5	3.7	1.8	3.6	1.8	3.1	2.5	3.7	1.8	3.6	1.8
RECALL			OFF	SOFT	OFF	SOFT	OFF	SOFT	OFF	SOFT	OFF	SOFT	OFF	SOFT	OFF	SOFT	OFF	SOFT	OFF	SOFT	OFF	SOFT	OFF	
MEMORY			NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	
DUAL ENTRY			OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	
SIMULTANEOUS GAP OUT DISABLED			YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	

EMERGENCY

RECORD DRAWING

DESIGNED BY: S. GARE	CDM	NEW BEDFORD, MASSACHUSETTS	PROJECT NO. 0309-62343
DRAWN BY: S. GARE	Camp Dresser & McKee Inc.	TRAFFIC SIGNAL PLAN	FILE NAME: ASBUILT.DWG
SHEET CHK'D BY: L. SHERMAN	56 Exchange Terrace		
CROSS CHK'D BY: K. JOHNSON	Providence, R.I. 02903		
APPROVED BY: S. HICKOX	Tel: (401) 751-5360		
DATE: FEBRUARY 2008	consulting • engineering • construction • operations		
REV. NO. DATE DRWN CHKD	REMARKS	AS - BUILT	SHEET NO. 1