ECONOLITE ASC/3-2070 CONTROLLER
SEQUENCE PROGRAMMING DETAIL

(program controller as shown)

1. From Main Menu select 1. CONFIGURATION

2. From CONFIGURATION Submenu select 1. CONTROLLER SEQ

3. From CONTROLLER SEQUENCE Submenu select 1. PHASE RING SEQUENCE AND ASSIGNMENT

```
CONTROLLER SEQUENCE [ 1 ]
SEQUENCE COMMANDS . HW ALT SEQ ENA.          NO.
    01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
BC-B  -  B  -  B  -  -  -  -  -  -  -  -  -  -  -
R1-|1  2 |3  4 |10  .  .  .  .  .  .  .  .  .  .  .
R2-|5  6 |.  .  |.  .  .  .  .  .  .  .  .  .  .  .
R3-|.  . |.  . |.  .  .  .  .  .  .  .  .  .  .  .
R4-|.  . |.  . |.  .  .  .  .  .  .  .  .  .  .  .

R1-R4=RING 1-4, DATA ENTRY, PHASES 1-16
BC=BARRIER CONTROL, VALUES: B,C
B=BARRIER MODE
C=COMPATIBILITY MODE
```

ECONOLITE ASC/3-2070
LOAD SWITCH ASSIGNMENT DETAIL

(program controller as shown)

To assign load switch S4 as OLE, program LD SWITCH 3
as OVLP '5' TYPE 'O' as shown below.

1. From Main Menu select 1. CONFIGURATION

2. From CONFIGURATION Submenu select 3. LOAD SW ASSIGN

NOTICE OVLP 7
ASSIGNED TO →
LD SWITCH 3

```
LD SWITCH ASSIGN
    PHASE        DIMMING ---FLASH---
    /OVLP TYPE  R  Y  G  D  PWR AUT TGR
1    1    V    .  .  .  +   A   R   X
2    2    V    .  .  .  +   A   Y   .
3    7    O    .  .  .  +   A   R   X
4    4    V    .  .  .  +   A   R   .
5    5    V    .  .  .  −   A   R   .
6    6    V    .  .  .  −   A   Y   X
7    7    V    .  .  .  −   A   R   .
8    8    V    .  .  .  −   A   R   X
9    1    O    .  .  .  +   A   R   X
10   2    O    .  .  .  +   A   R   X
11   3    O    .  .  .  −   A   R   .
12   4    O    .  .  .  −   A   R   .
13   2    P    .  .  .  +   A   .   .
14   4    P    .  .  .  −   A   .   .
15   6    P    .  .  .  +   A   .   .
16   8    P    .  .  .  −   A   .   .
```

ECONOLITE ASC/3-2070 OVERLAP
PROGRAMMING DETAIL

(program controller as shown)

1. From Main Menu select 2. CONTROLLER

2. From CONTROLLER Submenu select 2. VEHICLE OVERLAPS

OVERLAP D

Select TMG VEH OVLP [D] and 'OTHER/ECONOLITE'

```
TMG VEH OVLP...[D] TYPE: OTHER/ECONOLITE
    PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
INCLUDED X . . X . . . . . . . . . . . .
PROTECT  . . . . . . . . . . . . . . . .
PED PRTC . . . . . . . . . . . . . . . .
NOT OVLP . . . . . . . . . . . . . . . .
FLSH GRN 1 . . 1 . . . . . . . . . . . .
LAG X PH . . . . . . . . . . . . . . . .
LAG 2 PH . . . . . . . . . . . . . . . .

LAG GRN 0.0 YEL 0.0 RED 0.0 ADV GRN 0.0
```

TOGGLE 3x

OVERLAP G

Select TMG VEH OVLP [G] and 'NORMAL'

```
TMG VEH OVLP...[G] TYPE: .......NORMAL
    PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
INCLUDED . . X . . . . . . X . . . . . .

LAG GRN 0.1 YEL 3.0 RED 4.5
```

END PROGRAMMING

ECONOLITE ASC/3-2070 PREEMPT
FILTERING PROGRAMMING DETAIL

(program controller as shown)

1. From Main Menu select 4. PREEMPTOR/TSP

2. From PREEMPT/TSP/SCP Submenu
   select 2. ENABLE PREEMPT FILTERING & TSP/SCP

```
ENABLE PREEMPT FILTERING & TSP/SCP
FILTERED    SOLID       PULSING
INPUT 1 ...BYPASSED...  ...BYPASSED..
      2 ...BYPASSED...  ...BYPASSED..
      3 ..PREEMPT  3.   ...BYPASSED..
      4 ..PREEMPT  4.   ...BYPASSED..
      5 ..PREEMPT  5.   ...BYPASSED..
      6 ..PREEMPT  6.   ...BYPASSED..
      7 ...BYPASSED..   ...BYPASSED..
      8 ...BYPASSED..   ...BYPASSED..
      9 ...BYPASSED..   ...BYPASSED..
     10 ...BYPASSED..   ...BYPASSED..
```

ECONOLITE ASC/3-2070 VEHICLE DETECTOR
SETUP PROGRAMMING DETAIL

(program controller as shown)

1. From Main Menu select 6. DETECTORS

2. From DETECTOR Submenu select 2. VEHICLE DETECTOR SETUP

```
VEH DETECTOR [ 3 ]   VEH DET PLAN [ 1 ]
TYPE: S-STANDARD
TS2 DETECTOR..... X ECPI LOG.......  NO
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
         3  3   . X . . . . . X . . . . .
EXTEND TIME... 0.0 DELAY TIME...   0.0
USE ADDED INITIAL . CROSS SWITCH PH.. 0
LOCK IN.. NONE NTCIP VOL . OR OCC .
PMT QUEUE DELAY. NO
```

```
VEH DETECTOR [ 4 ]   VEH DET PLAN [ 1 ]
TYPE: S-STANDARD
TS2 DETECTOR..... X ECPI LOG.......  NO
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
         4  3   . X . . . . . . X . . . .
EXTEND TIME... 0.0 DELAY TIME...   0.0
USE ADDED INITIAL . CROSS SWITCH PH.. 0
LOCK IN....... NONE NTCIP VOL . OR OCC .
PMT QUEUE DELAY. NO
```

END PROGRAMMING

```
THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 01-0019
DESIGNED: JUNE 2018
SEALED: 09/24/2018
REVISED: N/A
```

Electrical Detail - Sheet 2 of 4

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared for the Offices of:

US 17 (S. Hughes Blvd.) at
US 17 Bus. (W. Ehringhaus St.)/
SR 1145 (Oak Stump Rd.)/
Shopping Center Entrance

Division 1   Pasquotank County   Elizabeth City

PLAN DATE:	June 2018	REVIEWED BY:	AJ Davis
PREPARED BY:	JA Le	REVIEWED BY:	LM Moon

REVISIONS

	INIT.	DATE

SIG. INVENTORY NO. 01-0019

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
022516
ENGINEER
LISA M. MOON

9/24/2018
DATE