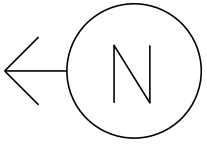


MS # 558

VT 128 NORTH



TOWERS RD

VT 15 EAST

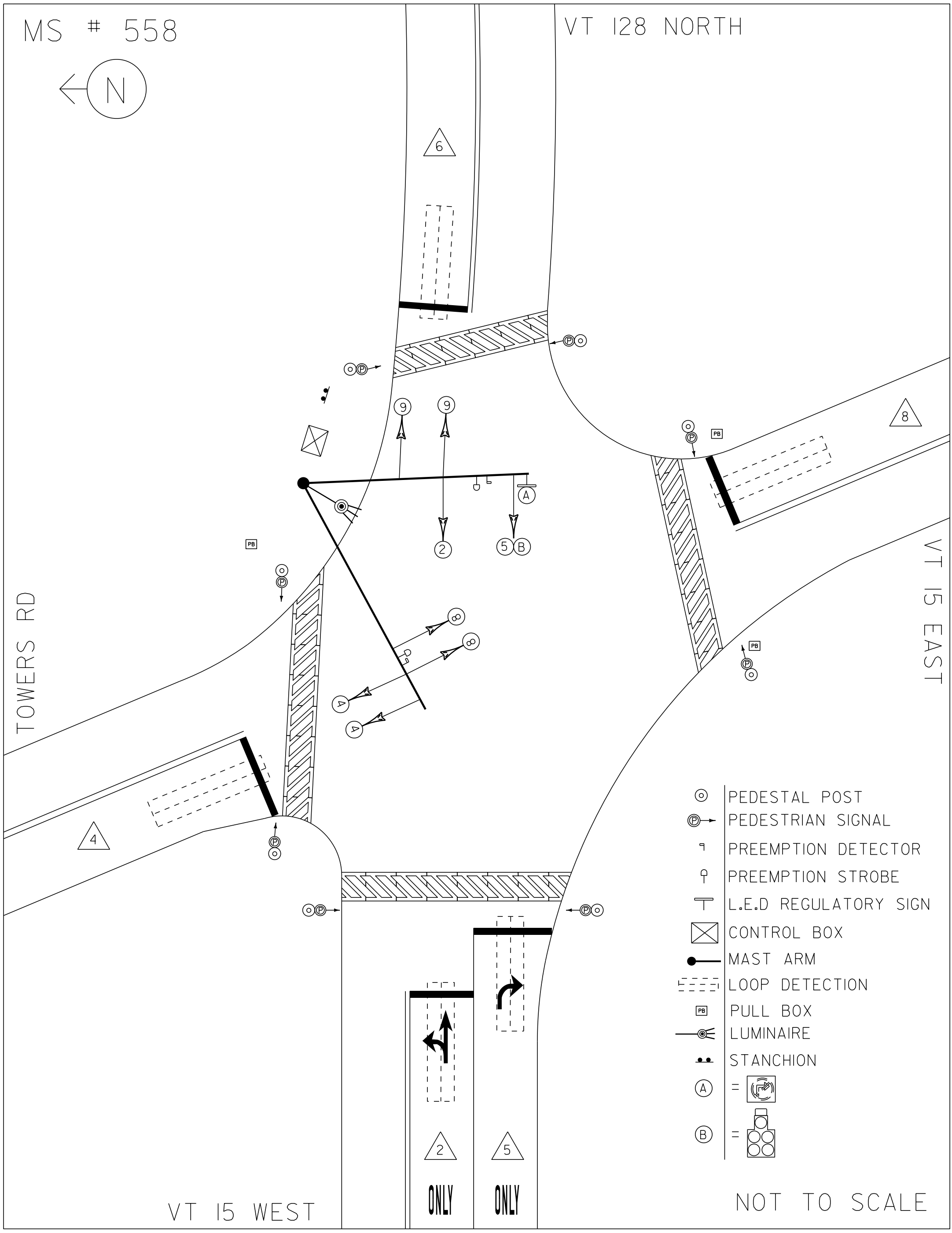
VT 15 WEST

ONLY

ONLY

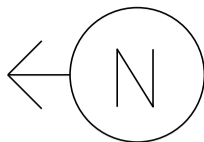
NOT TO SCALE

- ⊙ PEDESTAL POST
- ⊙➔ PEDESTRIAN SIGNAL
- ∩ PREEMPTION DETECTOR
- ∩ PREEMPTION STROBE
- ⊥ L.E.D REGULATORY SIGN
- ⊠ CONTROL BOX
- MAST ARM
- - - LOOP DETECTION
- PB PULL BOX
- ⊙— LUMINAIRE
- STANCHION
- (A) =
- (B) =



MS # 558

VT 128 NORTH



12'

12'

STOP BAR 14'

CROSSWALK 35'

14'

STOP BAR 17'

CROSSWALK 50'

16'

TOWERS RD

VT 15 EAST

13'

STOP BAR 20'

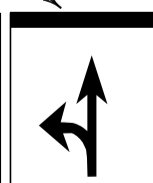
CROSSWALK 52'

13'

CROSSWALK 45'

STOP BAR 13'

STOP BAR 12'



LANE LINE 230'

13'

12'

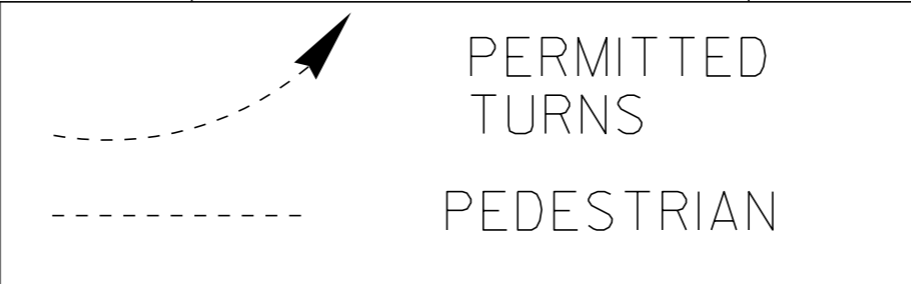
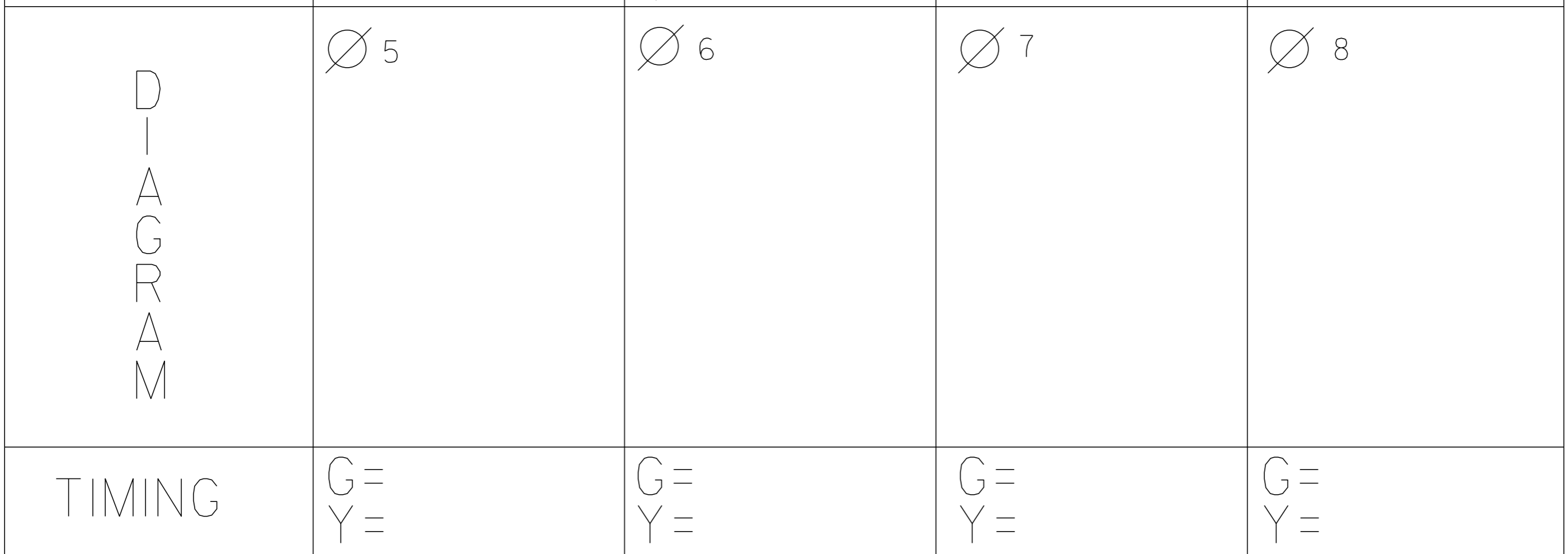
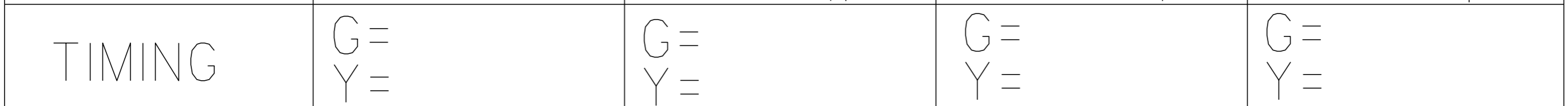
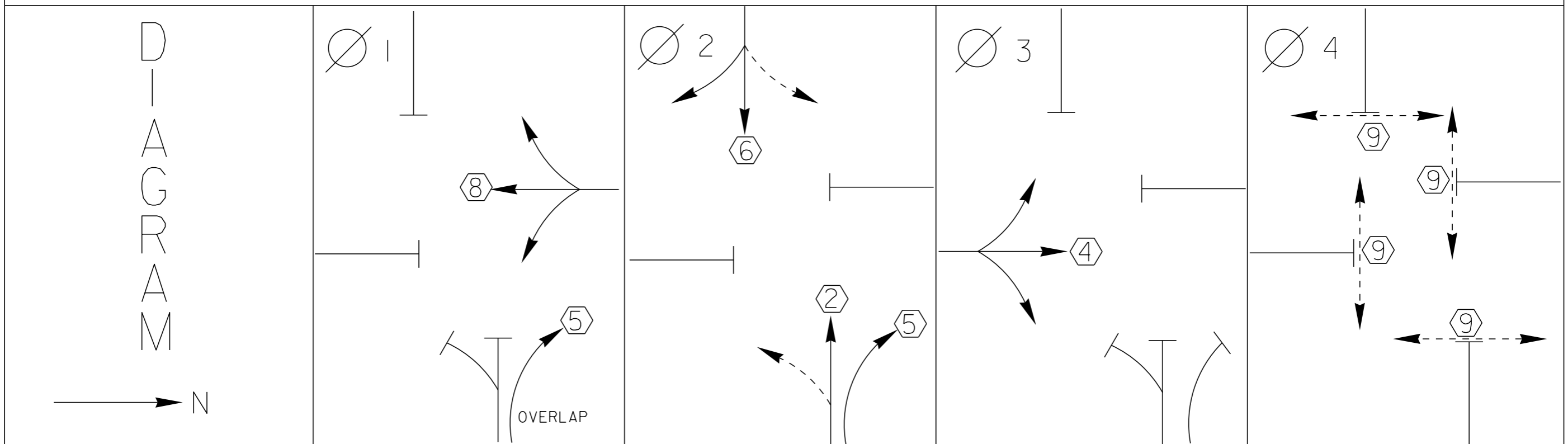
12'

ONLY

ONLY

VT 15 WEST

NOT TO SCALE



CYCLE LENGTH, C = _____ S



PROPERTY OF :
VT. AGENCY OF TRANS.
MAINTENANCE DIV.
IN EMERGENCY CALL :
DIST. TRANS. OFFICE
655 - 1580
NIGHTS & WEEKENDS : 250 - 0163
INTERSECTION NO. MS-558

DANGER
115 VOLTS A.C.

WARNING
DO NOT OPERATE
CABINET WITHOUT
CMU / MMU

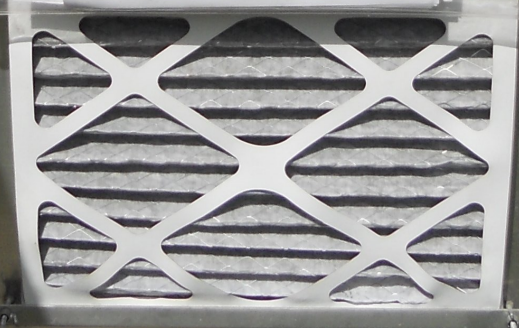
TUBE CN
9-5-67

CONTROL EQUIP. ON
CONTROL EQUIP. OFF

AUTO
FLASH
STOP TIMING AUTO
STOP TIMING ON

ECONOLITE

OPERATOR'S MANUAL
1. Read this manual before operating the equipment.
2. This manual contains important safety information and instructions.
3. Keep this manual in a safe place for future reference.
4. Do not attempt to repair or adjust the equipment unless you are qualified to do so.
5. Always use proper safety procedures when working with electrical equipment.
6. Do not touch the equipment when it is energized.
7. Do not use the equipment in wet or damp conditions.
8. Do not use the equipment near flammable or explosive materials.
9. Do not use the equipment in areas where it may be damaged by vibration or shock.
10. Do not use the equipment in areas where it may be exposed to extreme temperatures.
11. Do not use the equipment in areas where it may be exposed to corrosive gases or vapors.
12. Do not use the equipment in areas where it may be exposed to dust or dirt.
13. Do not use the equipment in areas where it may be exposed to moisture.
14. Do not use the equipment in areas where it may be exposed to rain or snow.
15. Do not use the equipment in areas where it may be exposed to ice or frost.
16. Do not use the equipment in areas where it may be exposed to lightning or other electrical surges.
17. Do not use the equipment in areas where it may be exposed to magnetic fields.
18. Do not use the equipment in areas where it may be exposed to radio frequency interference.
19. Do not use the equipment in areas where it may be exposed to electromagnetic interference.
20. Do not use the equipment in areas where it may be exposed to any other hazardous conditions.
21. Do not use the equipment in areas where it may be exposed to any other conditions that could be dangerous to the operator or the equipment.
22. Do not use the equipment in areas where it may be exposed to any other conditions that could be dangerous to the operator or the equipment.
23. Do not use the equipment in areas where it may be exposed to any other conditions that could be dangerous to the operator or the equipment.
24. Do not use the equipment in areas where it may be exposed to any other conditions that could be dangerous to the operator or the equipment.
25. Do not use the equipment in areas where it may be exposed to any other conditions that could be dangerous to the operator or the equipment.



CONNECT
TO NEUTRAL
HERE

CONNECT
TO NEUTRAL
HERE

BUS INTERFACE UNIT
 POWER ON
 TRANSMIT
 VALID DATA
 PORT
 ECONOLITE

LMD622t
 DET FLT
 CH 1
 MODE SENS
 FREQ
 DET FLT
 ECONOLITE

LMD622t
 DET FLT
 CH 1
 MODE SENS
 FREQ
 DET FLT
 ECONOLITE

LMD622t
 DET FLT
 CH 2
 MODE SENS
 FREQ
 DET FLT
 ECONOLITE

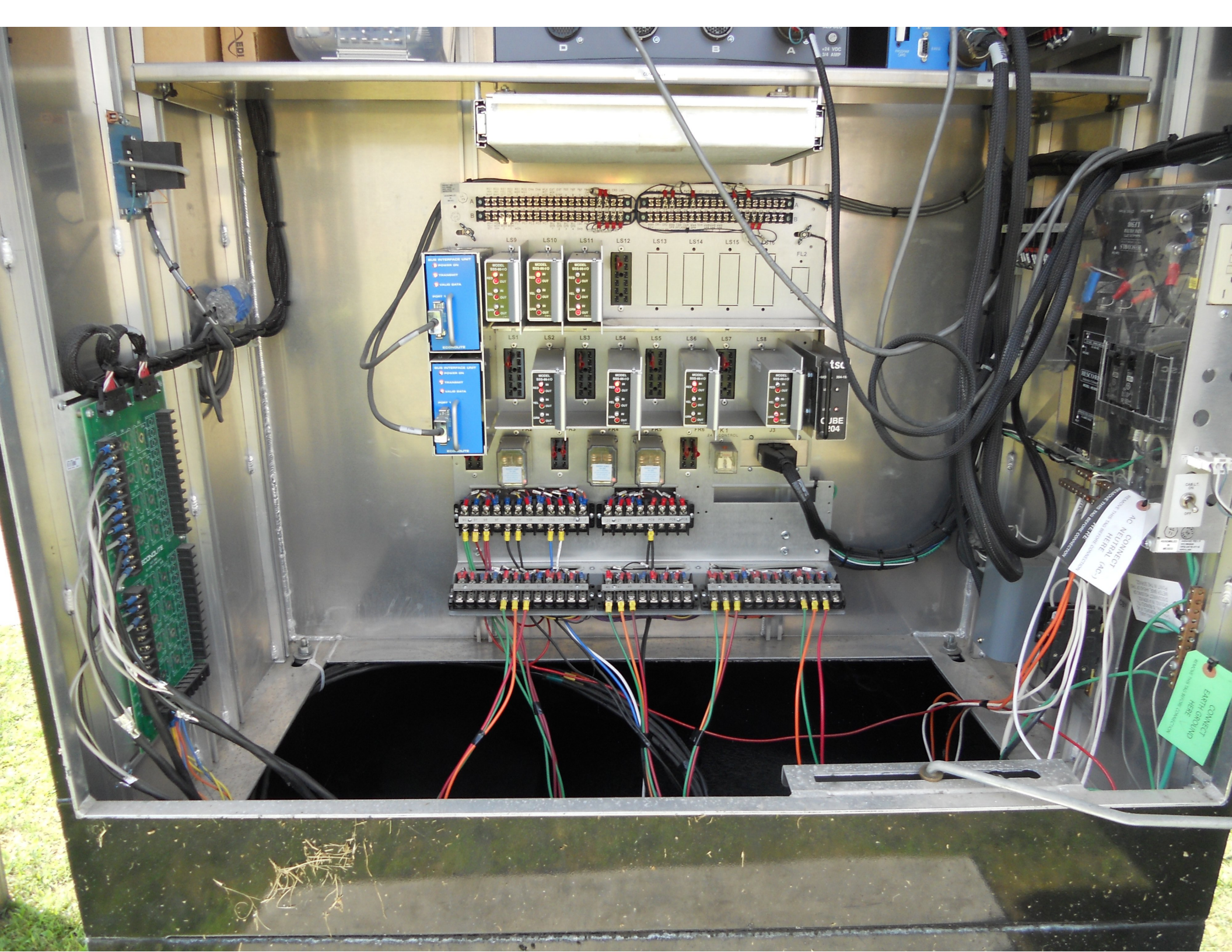
DET SW. MODULE
 DET 1
 DET 2
 DET 3
 DET 4
 DET 5
 DET 6
 DET 7
 DET 8
 DET 9
 DET 10
 DET 11
 DET 12
 DET 13
 DET 14
 DET 15
 DET 16
 ECONOLITE

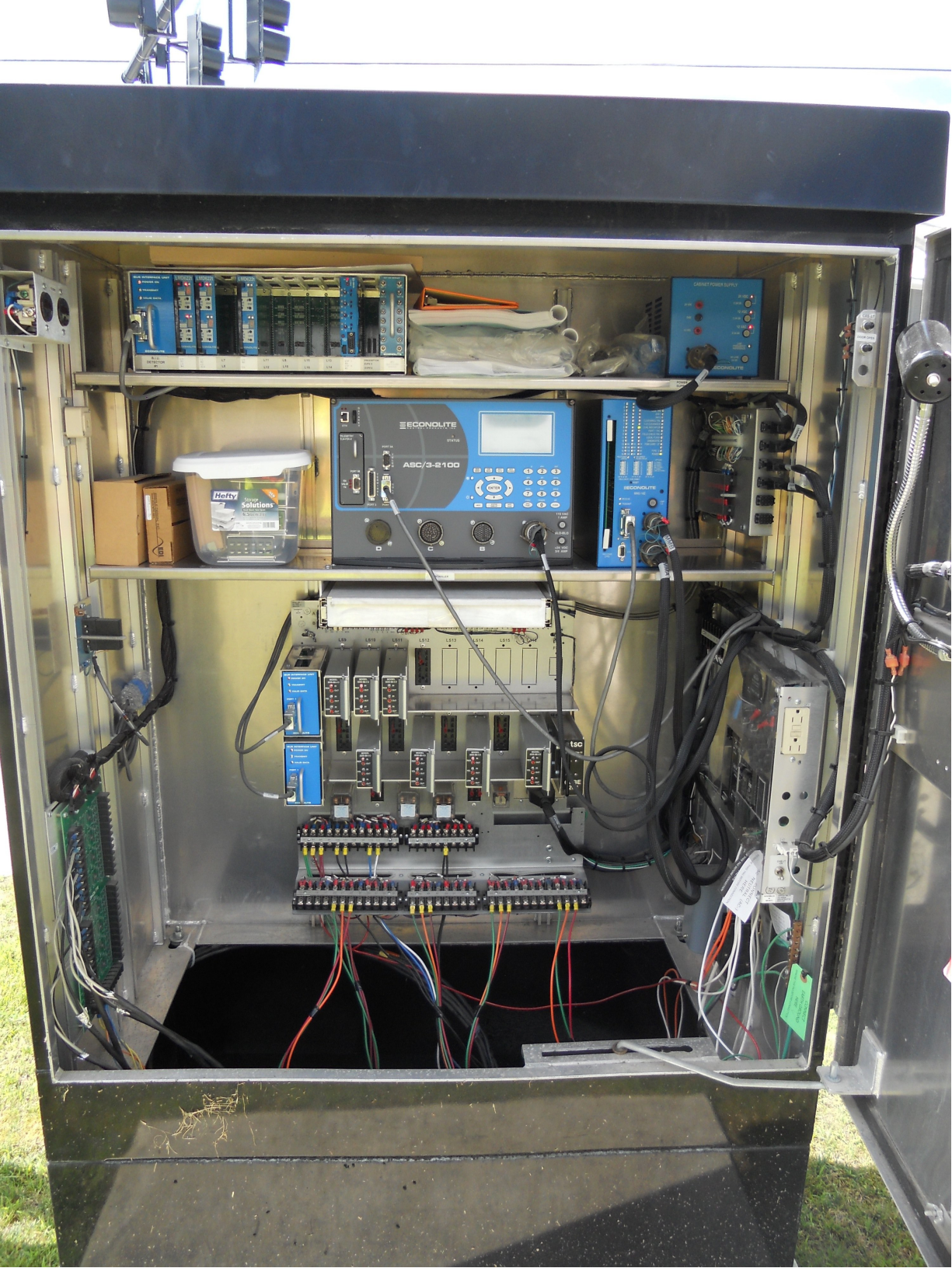
PREEMPTOR
 EVP# 3
 EVP# 4
 EVP# 5
 EVP# 6

DET SWITCHING MODULE

B.I.U. DETECTOR #1
 L3 95 L4 94
 L1 92 L2 91
 L7 L8
 L5 98 L6 97
 L11 L12
 L9 L10
 L15 L16
 L13 L14

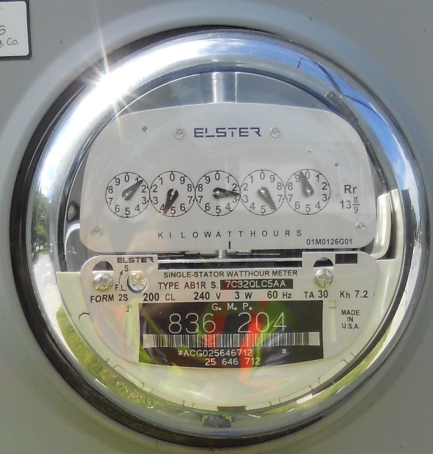
DATA KEY
 ETH
 TELEMTRY TLM-FSK-9
 PORT 3A
 TELEM
 STATUS
ECONOLITE
 CONTROL PRODUCTS, INC.
ASC/3-2100





⚡ DANGER
HAZARD OF ELECTRICAL SHOCK
OR BURN IF COVER REMOVED
SERVICE BY UTILITY
AUTHORIZED PERSONNEL ONLY
DO NOT PAINT OVER OR REMOVE THIS LABEL
7/2004 8071

75
YEARS
Milbank Mfg. Co.



⚡ DANGER
HAZARD OF ELECTRICAL SHOCK
OR BURN IF COVER REMOVED
SERVICE BY UTILITY
AUTHORIZED PERSONNEL ONLY
DO NOT PAINT OVER OR REMOVE THIS LABEL
7/2004 8071



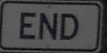








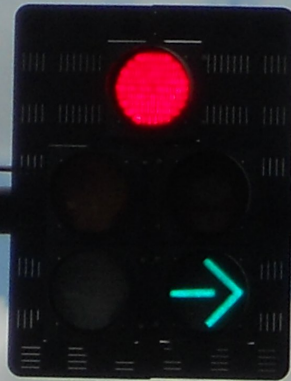




Powell's Place
Coca-Cola

Produce
& Deli















ONE WAY

BIKE LANE
ENDS

40
→

Harriet
Powell
Museum



WEST NORTH
VERMONT VERMONT
15 128
← →



STOP

STOP

STOP











↑ :WESTFORD : 8
↑ :FAIRFAX : 12
JERICHO 3 →

NORTH
VERMONT
128



EAST
VERMONT
15



WESTFORD

1





ESSEX JCT 3 ↑
BURLINGTON 10 ↑
← JERICO 3

EAST

WEST

VERMONT
15

VERMONT
15

←

↑











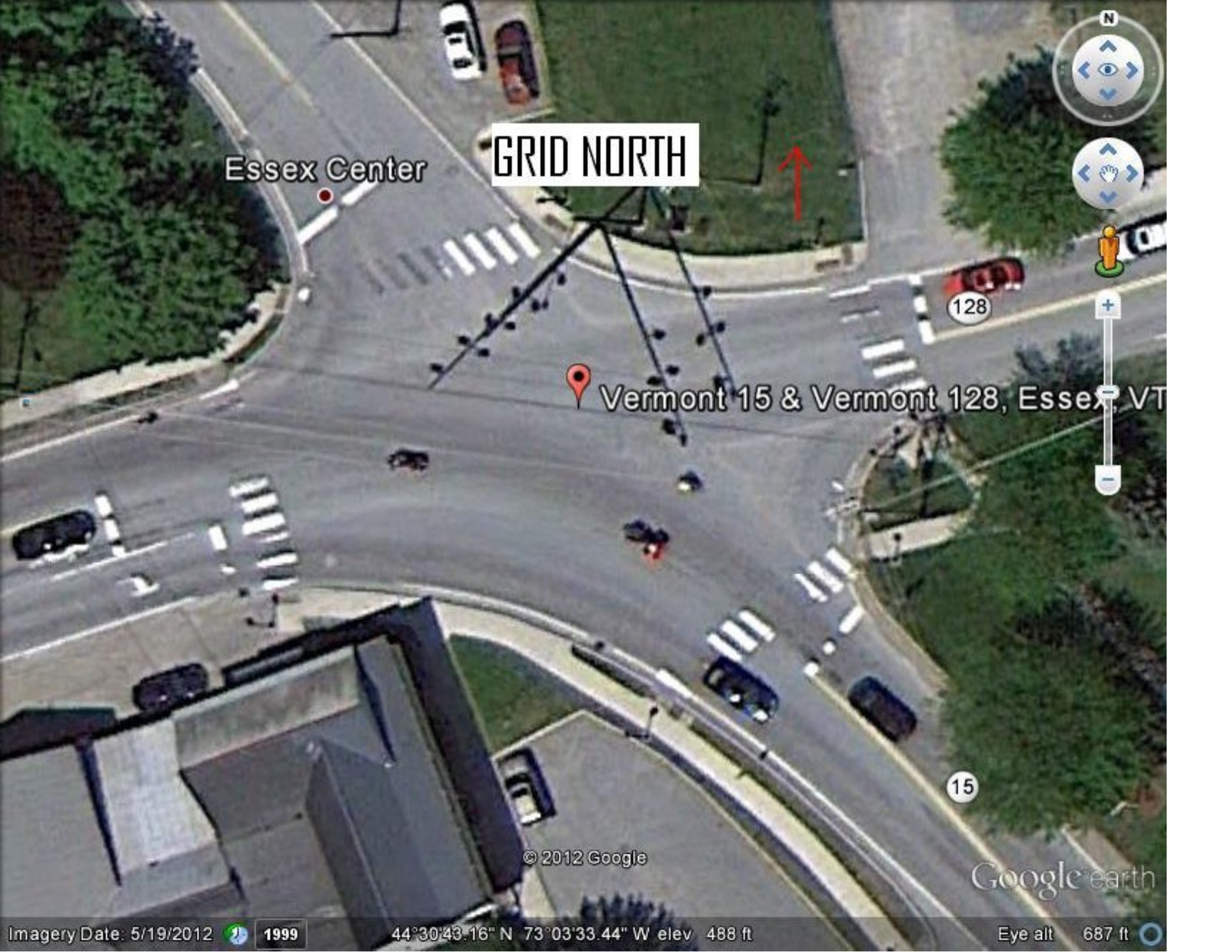








U.M.E. 07
POLE GA/DIA: 3E/16.0"
POLE LGTH 32'0"
ARM GA/DIA: 7E/12.0"
ARM LGTH 45'0"
ARM GA/DIA: 7E/12.0"
ARM LGTH 45'0"
55 K.S.I.



Essex Center

GRID NORTH

Vermont 15 & Vermont 128, Essex, VT

128

15

© 2012 Google

Google earth

Date: 08/10/2012

Timing Data:

| Phase | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---------------|---|----|---|---|---|----|---|----|----|
| Phases in use | | | | | | | | | |
| Min Green | 0 | 8 | 0 | 5 | 0 | 8 | 0 | 8 | 0 |
| Walk | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Ped Clr | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Veh Ext | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 3 | 0 |
| MAX 1 | 0 | 18 | 0 | 8 | 0 | 18 | 0 | 28 | 20 |
| MAX 2 | 0 | 13 | 0 | 8 | 0 | 13 | 0 | 23 | 0 |
| MAX 3 | 0 | 22 | 0 | 8 | 0 | 22 | 0 | 24 | 0 |
| Yellow | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 |
| All Red | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 |
| Recall to Max | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Coordination Patterns: ACS3/Naztec Cordinated Phases 2 & 6

| Pattern 1 | | | | | | | | | | |
|---------------|--------|--|-------|--|-------|--|-------|--|--|--|
| Cycle Length | Offset | | COS | | | | | | | |
| Splits | Ph 1 | | Ph 2 | | Ph 3 | | Ph 4 | | | |
| | Ph 5 | | Ph 6 | | Ph 7 | | Ph 8 | | | |
| | Ph 9 | | Ph 10 | | Ph 11 | | Ph 12 | | | |
| Pattern 2(21) | | | | | | | | | | |
| Cycle Length | Offset | | COS | | | | | | | |
| Splits | Ph 1 | | Ph 2 | | Ph 3 | | Ph 4 | | | |
| | Ph 5 | | Ph 6 | | Ph 7 | | Ph 8 | | | |
| | Ph 9 | | Ph 10 | | Ph 11 | | Ph 12 | | | |
| Pattern 3 | | | | | | | | | | |
| Cycle Length | Offset | | COS | | | | | | | |
| Splits | Ph 1 | | Ph 2 | | Ph 3 | | Ph 4 | | | |
| | Ph 5 | | Ph 6 | | Ph 7 | | Ph 8 | | | |
| | Ph 9 | | Ph 10 | | Ph 11 | | Ph 12 | | | |
| Pattern 4 | | | | | | | | | | |
| Cycle Length | Offset | | COS | | 141 | | | | | |
| Splits | Ph 1 | | Ph 2 | | Ph 3 | | Ph 4 | | | |
| | Ph 5 | | Ph 6 | | Ph 7 | | Ph 8 | | | |
| | Ph 9 | | Ph 10 | | Ph 11 | | Ph 12 | | | |

Action Plan

| Action Plan | Pattern |
|-------------|---------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 2 |
| | |
| | |
| | |

Day Plan [1]

| Event | Action Plan | Step Begins |
|-------|-------------|-------------|
| 1 | 1 | 0600 |
| 2 | 2 | 0900 |
| 3 | 3 | 1500 |
| 4 | 2 | 1800 |
| | | |
| | | |
| | | |