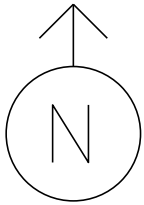


MS # 313



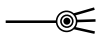
CONTROL BOX



LOOP DETECTION



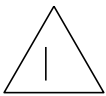
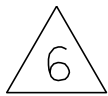
PULL BOX



LUMINAIRE



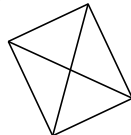
STANCHION



ONLY



US-7 NORTH



9



9



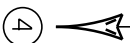
D 1



4



4



5 D



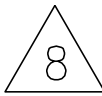
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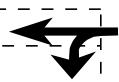
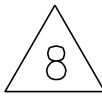
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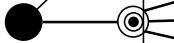
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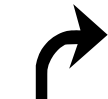
ONLY



HOLIDAY INN



ONLY



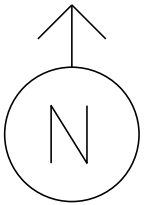
ONLY

DIAMOND RUN MALL
PONDEROSA

US-7 SOUTH

NOT TO SCALE

MS # 313



12'

12'

12'

12'

12'

US-7 NORTH

LANE LINE 215'

ONLY



STOP BAR 36'

STOP BAR 27'



ONLY

10'

LANE LINE 90'



11'

17'

12'



LANE LINE 40'

STOP BAR 27'

12'

ONLY



17'

HOLIDAY INN

STOP BAR 47'



ONLY

12'

LANE LINE 125'

12'

12'

LANE LINE 130'



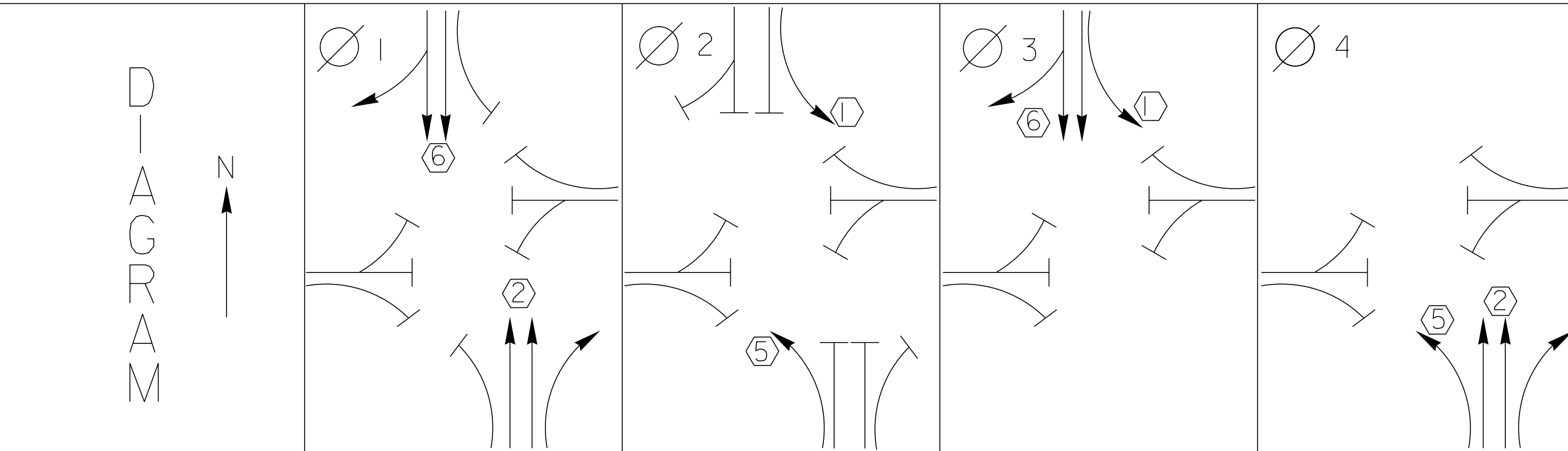
ONLY

12'

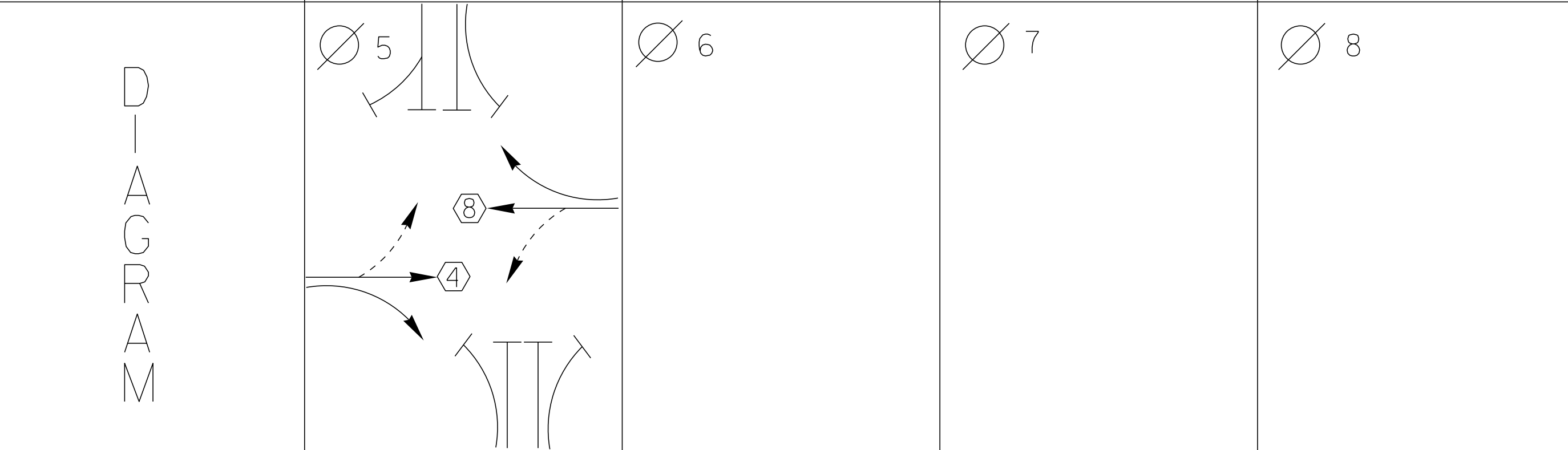
DIAMOND RUN MALL
PONDEROSA

US-7 SOUTH

NOT TO SCALE



TIMING	G = Y =	G = Y =	G = Y =	G = Y =
--------	------------	------------	------------	------------



TIMING	G = Y =	G = Y =	G = Y =	G = Y =
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	PROTECTED TURNS		PERMITTED TURNS PEDESTRIAN	CYCLE LENGTH, C= _____ S
--	--------------------	--	----------------------------------	--------------------------



PROPERTY OF:
VT. AGENCY OF TRANS.
MAINTENANCE DIV.

IN EMERGENCY CALL:
DIST. TRANS. OFFICE

773 5826

NIGHTS & WEEKENDS: 773 9101

INTERSECTION MS 313

CABINET
CONFLICT M

TURNED ON 19 JUNE 95

SIGNAL HOOK-UP: US-7 @ Rutland Regional Shopping Center
Site 2, Rutland, VT

2053-48-019

SIG#	1	2		4	5	6		8				
PHASE	1	2	3	4	5	6	7	8				
OVRLP									A	B	C	D
GRN		2G		4G		6G		8G				
YEL		2Y*		4Y		6Y*		8Y				
RED		2R		4R*		6R		8R*				
GRN ARR	1G				5G							
YEL ARR	1Y*				5Y*							
RED ARR	1R				5R							
WALK												
DON'T WALK												

NOTE: * = FLASH COLOR FOR THAT SIGNAL

LOOP DETECTOR CONNECTIONS:

LOOP #	PHASE	CONNECT TO:
1 SBLT	1	L1A & L1B
2 EBLT	8	L2A & L2B
3 EBTH	8	L3A & L3B
4 WBRT	4	L4A & L4B
5 WBTH/RT	4	L5A & L5B
6 NBLT	5	L6A & L6B

PROPOSED CONTROLLER
(GROUND MOUNTED)

POWER SOURCE

SOCKET AND
ON A STANCHION

CONST. HORIZ.

CONST. B

ONLY

Ø2 LS2

Ø2 LS2

Ø5 LS5

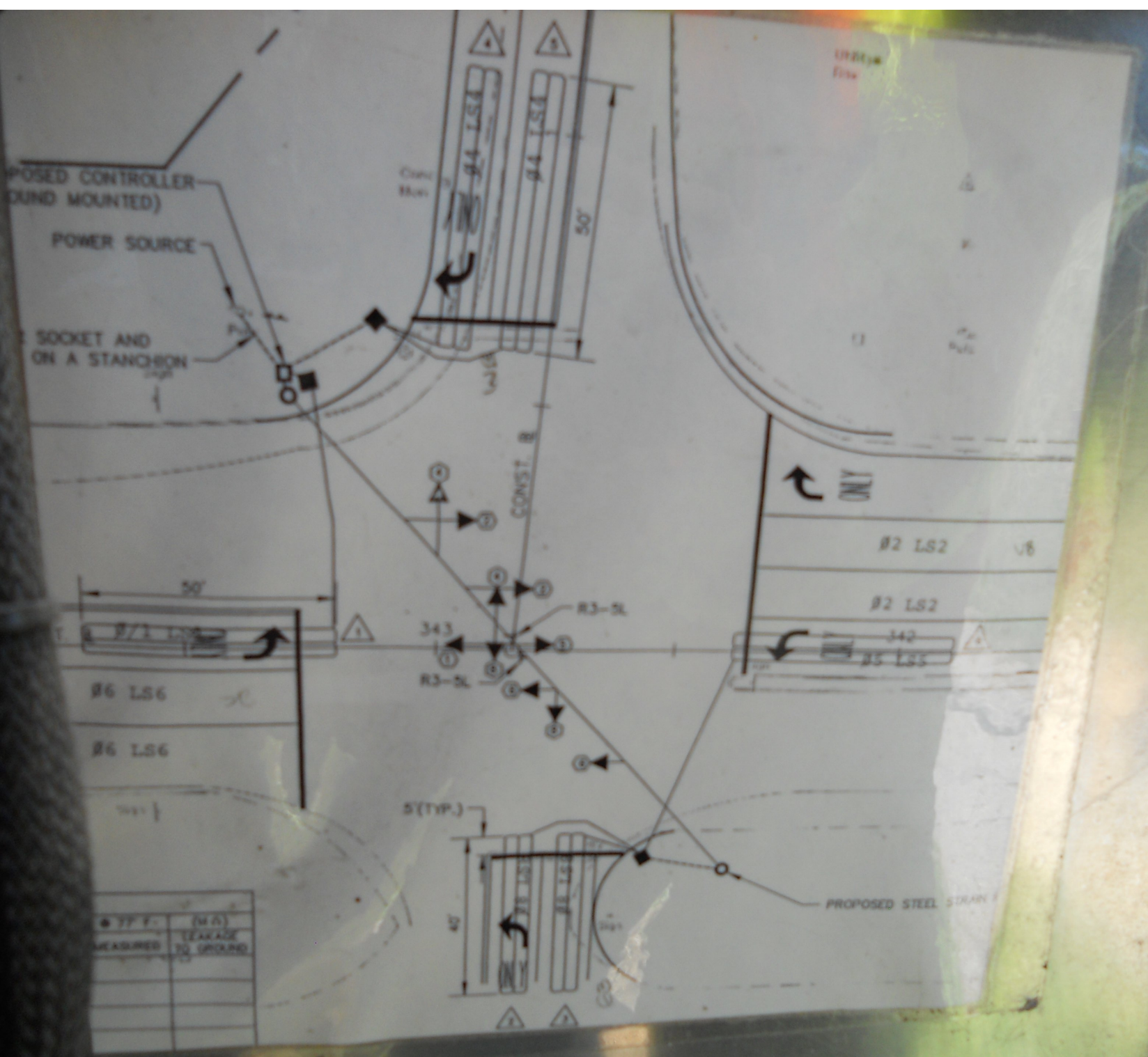
Ø6 LS6

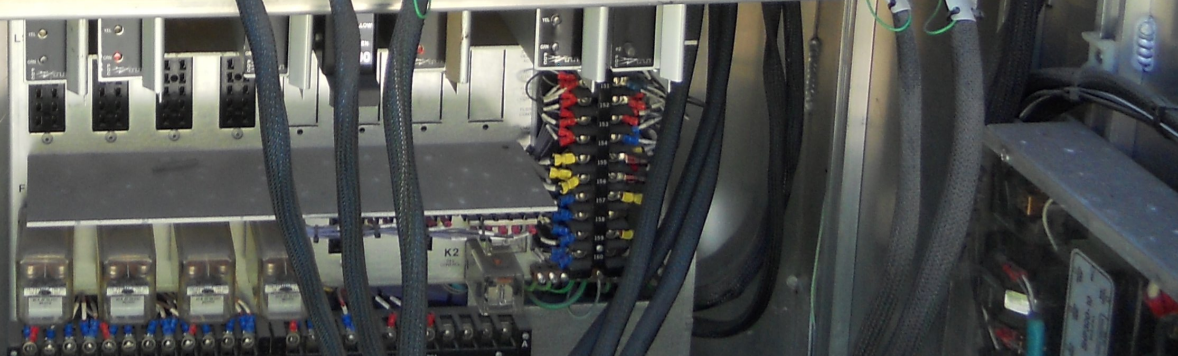
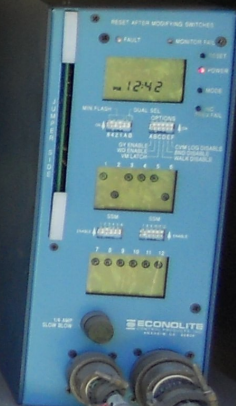
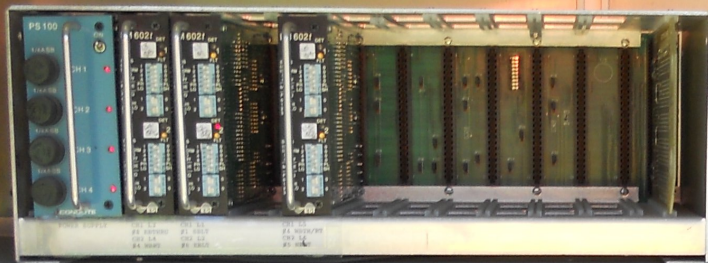
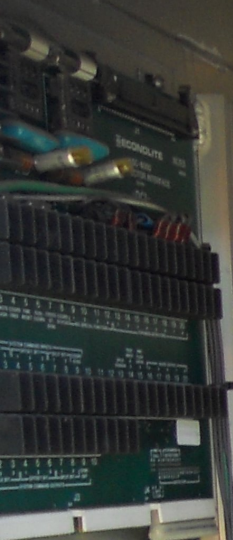
Ø6 LS6

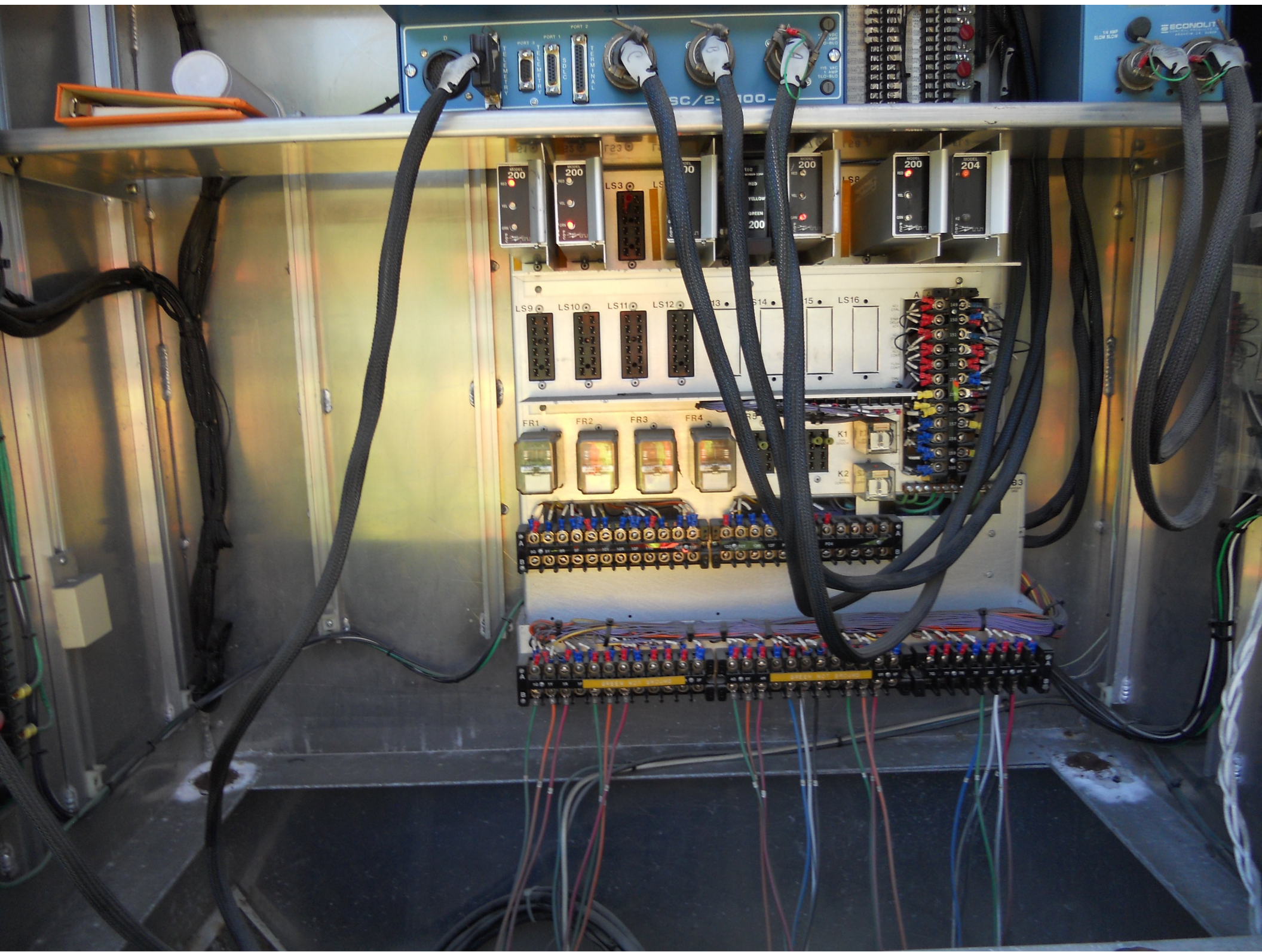
5'(TYP.)

PROPOSED STEEL STRAIN

MEASURED	(M.A.) LEAKAGE TO GROUND













ONLY

SOUTH 7 WEST
TO 103 Fair Haven

ONLY

Holiday Inn

















WARNING

BASE PLATES AND ANCHOR BOLTS

UNDERDESIGNED

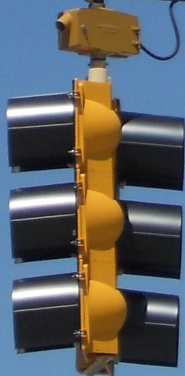
POLE $M_{MAX} = 200,000$ FT-LBS











4 EAST 7 NORTH
Rutland

DIAMOND RUN MALL PLACE













WARNING
BASE PLATES AND ANCHOR BOLTS
UNDESIGNED
POLE W MAX = 200,000 FT-LBS

Coordination Patterns

Pattern 1

Cycle Length . . . 90 COS FREE

Offset 28

Vehicle Permissive . . [1] 0 [2] 0

Vehicle Perm 2 Displacement 0 Phase Reservice. . NO

Splits: Phase 1- 14 2- 60 3- 0 4- 16

Phase 5- 14 6- 60 7- 0 8- 16

Phase 9- 0 10- 0 11- 0 12- 0 Split Sum: 0

Split Extension/Ring [1] 0 [2] 0

Split Demand Pattern [1] 0 [2] 0

XRT Pattern. . . 0

Phase Number: 1 2 3 4 5 6 7 8 9 10 11 12

Coord Phases

Veh Recall

Veh Max Recall

Ped Recall

Veh Omit

Alt Sequence . . A: . B: . C: . D: . E: . F: .

Pattern 2

Cycle Length . . . 110 COS 111

Offset 20

Vehicle Permissive . . [1] 10 [2] 0

Vehicle Perm 2 Displacement 0 Phase Reservice. . NO

Splits: Phase 1- 34 2- 45 3- 0 4- 31

Phase 5- 15 6- 64 7- 0 8- 31

Phase 9- 0 10- 0 11- 0 12- 0 Split Sum: 0

Split Extension/Ring [1] 0 [2] 0

Split Demand Pattern [1] 0 [2] 0

XRT Pattern. . . 0

Phase Number: 1 2 3 4 5 6 7 8 9 10 11 12

Coord Phases . . . X . . . X

Veh Recall

Veh Max Recall

Ped Recall

Veh Omit

Alt Sequence . . A: . B: . C: . D: . E: . F: .

Pattern 3

Cycle Length . . . 90 COS 222

Offset 52

Vehicle Permissive . . [1] 10 [2] 0

Vehicle Perm 2 Displacement 0 Phase Reservice. . NO

Splits: Phase 1- 18 2- 52 3- 0 4- 20

Phase 5- 18 6- 52 7- 0 8- 20

Phase 9- 0 10- 0 11- 0 12- 0 Split Sum: 0

Split Extension/Ring [1] 0 [2] 0

Split Demand Pattern [1] 0 [2] 0

XRT Pattern. . . 0

Phase Number: 1 2 3 4 5 6 7 8 9 10 11 12

Coord Phases . . . X . . . X

Veh Recall

Veh Max Recall

Ped Recall

Veh Omit

Alt Sequence . . A: . B: . C: . D: . E: . F: .

Coordination Patterns

Pattern 4
Cycle Length . . 120 COS 333
Offset 118
Vehicle Permissive . . [1] 10 [2] 0
Vehicle Perm 2 Displacement 0 Phase Reservice. . NO
Splits: Phase 1- 37 2- 54 3- 0 4- 29
 Phase 5- 15 6- 76 7- 0 8- 29
 Phase 9- 0 10- 0 11- 0 12- 0 Split Sum: 0
Split Extension/Ring [1] 0 [2] 0
Split Demand Pattern [1] 0 [2] 0
XRT Pattern. . . 0
 Phase Number: 1 2 3 4 5 6 7 8 9 10 11 12
Coord Phases . . . X . . . X
Veh Recall
Veh Max Recall
Ped Recall
Veh Omit
Alt Sequence . . A: . B: . C: . D: . E: . F: .

NIC Program Steps

Step	Program	Step Begins	Pattern	Override
1	1	0000	0	NO
2	1	0600	3	NO
3	1	0900	2	NO
4	1	1530	4	NO
5	1	1800	2	NO

TOD Program Steps

Step 1 Program 1 Step Begins 0000

Flash.	X	Dimming Enable.	.
Red Rest	.	Alt Veh Extension	.
Spare 5.	.	Det Log Enable.	.
Spare 3.	.	Spare 4	.
Type 0 Dly Enable. . .	.	Spare 2	.
Det Diag Plan.	0		

	Phase Number											
	1	2	3	4	5	6	7	8	9	10	11	12
Max 2 Enable	.	.	.	.	.	.	.	.	.	.	.	.
Max 3 Enable	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall	.	.	.	.	.	.	.	.	.	.	.	.
Ped Recall	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit.	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit	.	.	.	.	.	.	.	.	.	.	.	.
Special Function	.	.	.	.	.	.	.	.	.	.	.	.

	A	B	C	D	E	F
Alt Sequence	.	.	.	.	.	.

Step 2 Program 1 Step Begins 0600

Flash.	.	Dimming Enable.	.
Red Rest	.	Alt Veh Extension	.
Spare 5.	.	Det Log Enable.	.
Spare 3.	.	Spare 4	.
Type 0 Dly Enable. . .	.	Spare 2	.
Det Diag Plan.	0		

	Phase Number											
	1	2	3	4	5	6	7	8	9	10	11	12
Max 2 Enable	X	X	.	X	X	X	.	X	.	.	.	.
Max 3 Enable	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall	.	.	.	.	.	.	.	.	.	.	.	.
Ped Recall	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit.	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit	.	.	.	.	.	.	.	.	.	.	.	.
Special Function	.	.	.	.	.	.	.	.	.	.	.	.

	A	B	C	D	E	F
Alt Sequence	.	.	.	.	.	.

TOD Program Steps

Step 3 Program 1 Step Begins 0900

Flash.	Dimming Enable.
Red Rest	Alt Veh Extension
Spare 5.	Det Log Enable.
Spare 3.	Spare 4
Type 0 Dly Enable. . .	Spare 2
Det Diag Plan. . . . 0	

	Phase Number											
	1	2	3	4	5	6	7	8	9	10	11	12
Max 2 Enable	.	.	.	.	.	.	.	.	.	.	.	.
Max 3 Enable	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall	.	.	.	.	.	.	.	.	.	.	.	.
Ped Recall	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit.	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit	.	.	.	.	.	.	.	.	.	.	.	.
Special Function	.	.	.	.	.	.	.	.	.	.	.	.

	A	B	C	D	E	F
Alt Sequence	.	.	.	.	.	.

Step 4 Program 1 Step Begins 1530

Flash.	Dimming Enable.
Red Rest	Alt Veh Extension
Spare 5.	Det Log Enable.
Spare 3.	Spare 4
Type 0 Dly Enable. . .	Spare 2
Det Diag Plan. . . . 0	

	Phase Number											
	1	2	3	4	5	6	7	8	9	10	11	12
Max 2 Enable	.	.	.	.	.	.	.	.	.	.	.	.
Max 3 Enable	X	X	.	X	X	X	.	X	.	.	.	.
Veh Recall	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall	.	.	.	.	.	.	.	.	.	.	.	.
Ped Recall	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit.	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit	.	.	.	.	.	.	.	.	.	.	.	.
Special Function	.	.	.	.	.	.	.	.	.	.	.	.

	A	B	C	D	E	F
Alt Sequence	.	.	.	.	.	.

