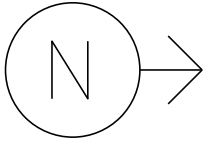
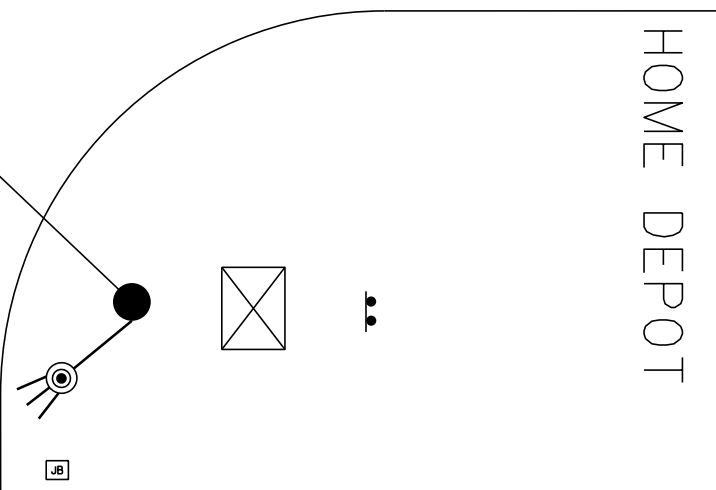
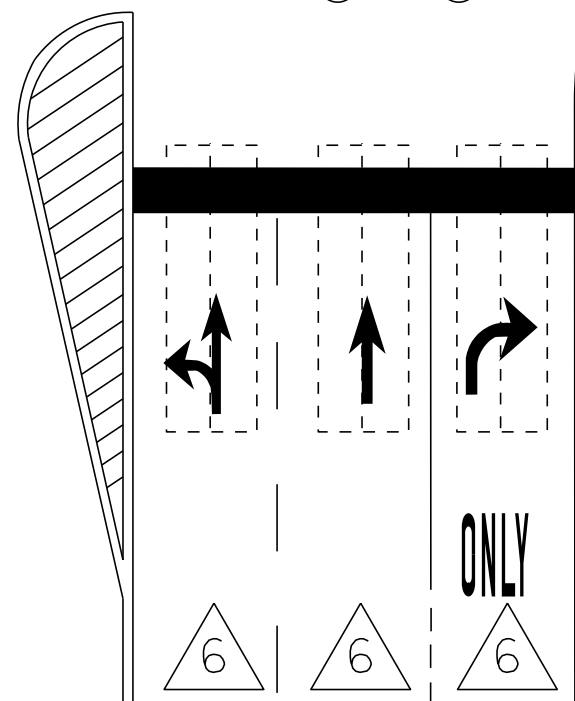
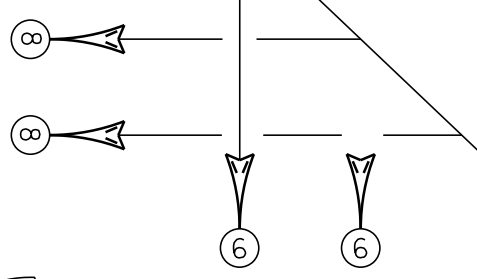
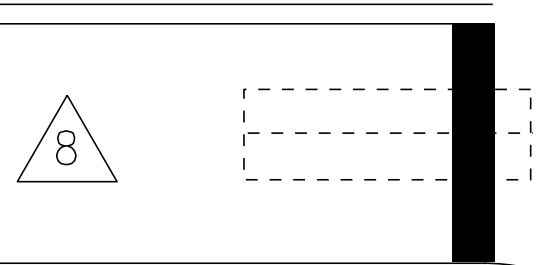
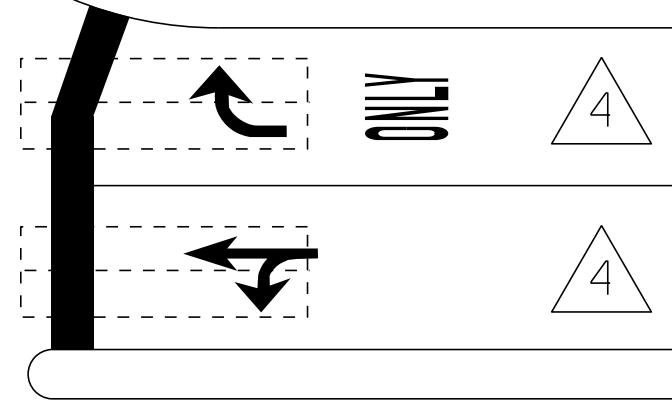
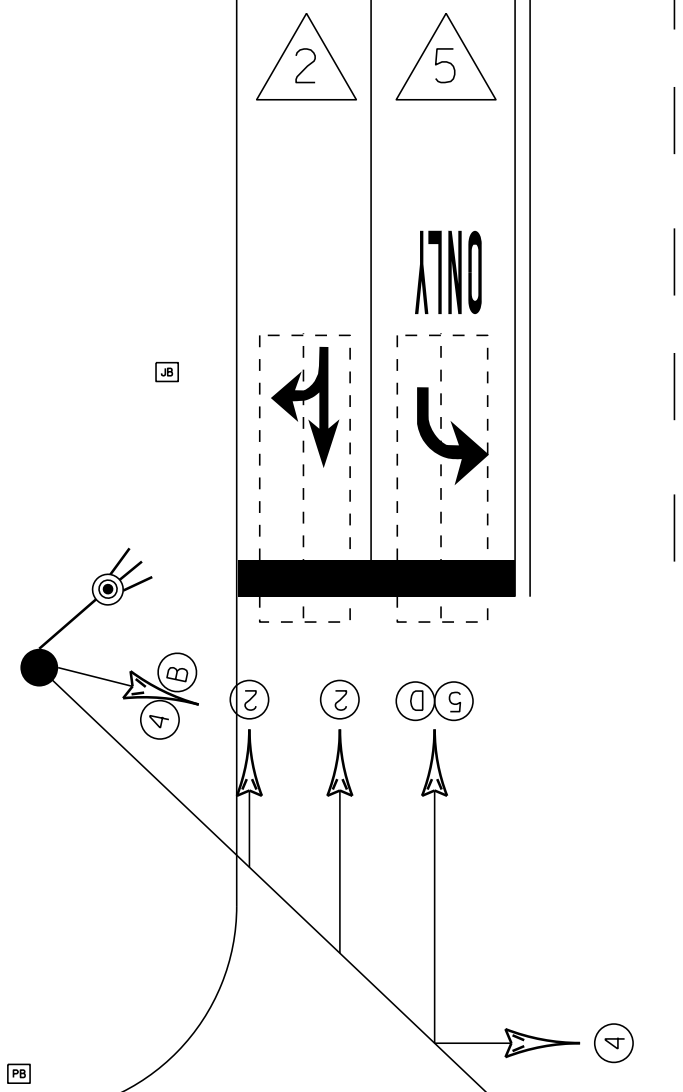
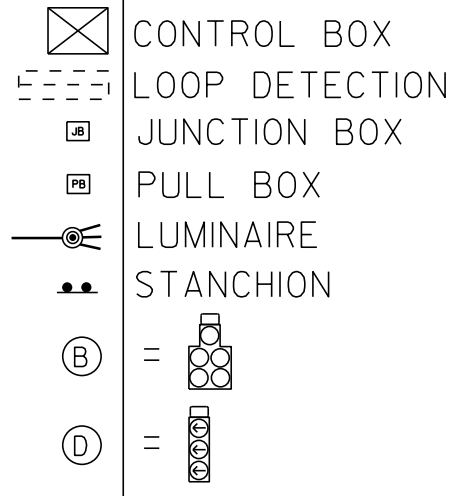


MS # 311

US 4 WEST



CATAMOUNT
PET SUPPLY

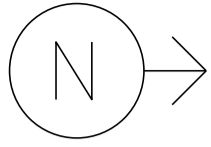


HOME DEPOT

US 4 EAST

NOT TO SCALE

MS # 311



US 4 WEST

CATAMOUNT
PET SUPPLY

11'

11'

11'

11'

ONLY



STOP BAR 22'

10'

STOP BAR 23'



ONLY

11'

STOP BAR 16'



11'

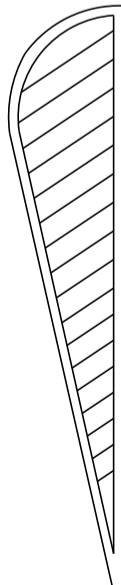
11'

STOP BAR 16'

22'

HOME DEPOT

STOP BAR 32'



ONLY

11'

11'

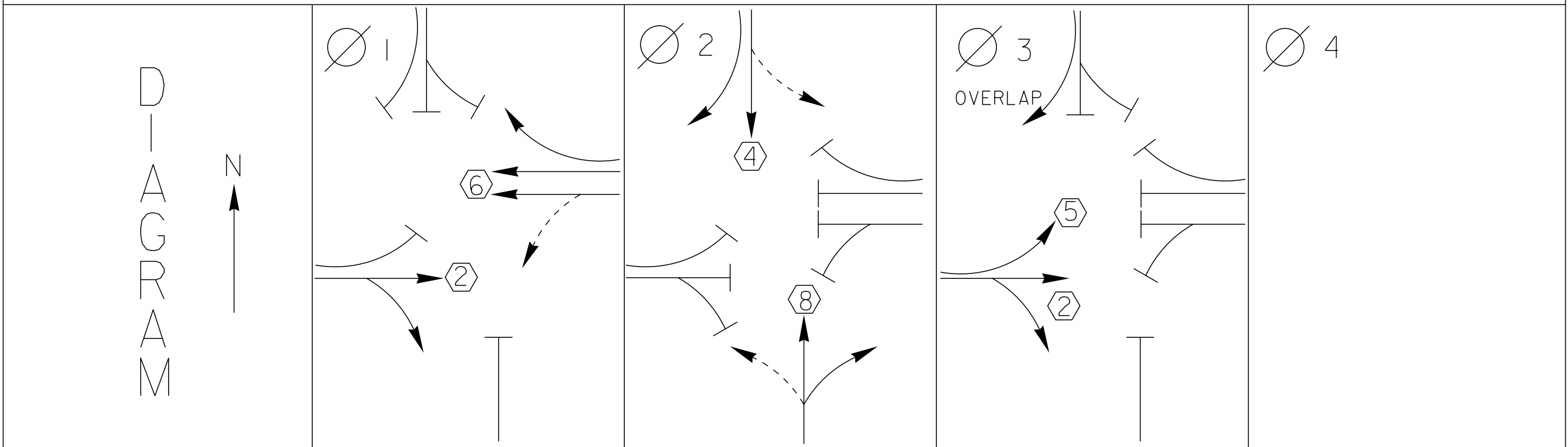
11'

11'

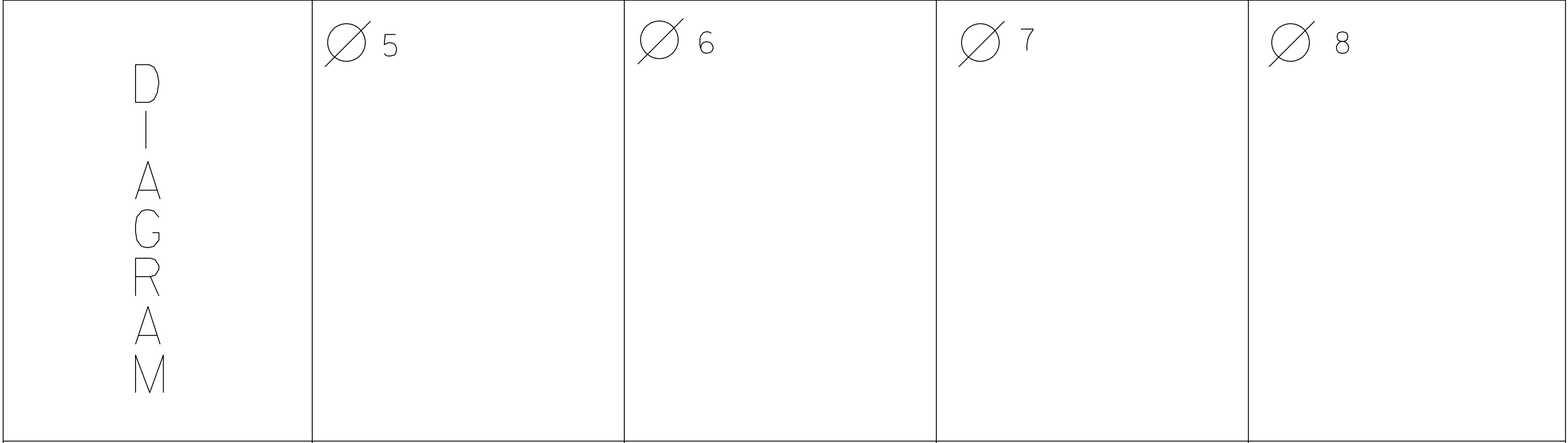
10'

US 4 EAST

NOT TO SCALE



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



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

 <p>PROTECTED TURNS</p>	 <p>PERMITTED TURNS PEDESTRIAN</p>	CYCLE LENGTH, C= _____ S
---	--	--------------------------



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

IN EMERGENCY CALL:
DIST. TRANS. OFFICE

786-5826

NIGHTS & WEEKENDS:

73-3101

INTERSECTION NO.

7311

TURNED ON
11-15-01

WARNING
DO NOT OPERATE
CABINET WITHOUT
CONFLICT MONITOR UNIT

DANGER
115 VOLTS A.C.

CONTROLLER
ON
OFF

SIGNALS
AUTO
FLASH

MAIN
ON
OFF

STOP TIME
AUTO
OFF
ON

SECONOLITE

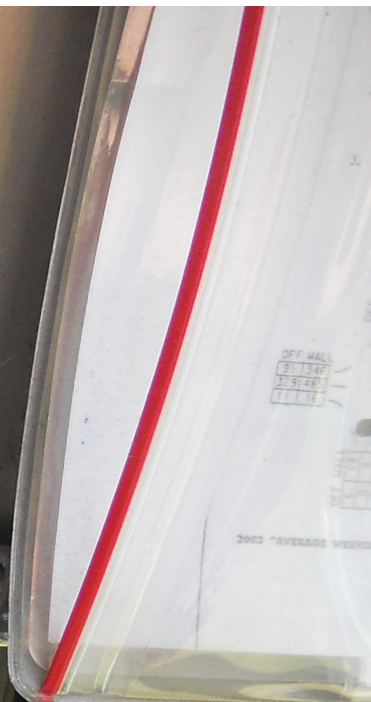
Technical drawings and manuals, including a document with a green tag.

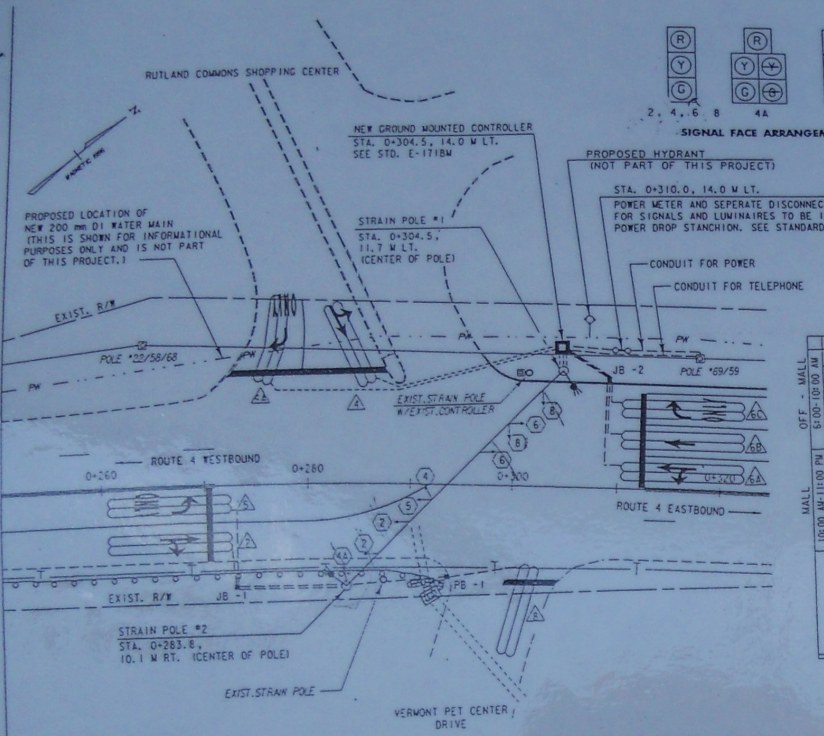
Loops
1-RED - 6C
2-RED - 6B
3-RED - 6A
1-BLUE - 4
2-BLUE - 4A
1-WHITE - 2
2-WHITE - 5
1-ORANGE - 8

Blue and yellow patterned component or panel.

Loops

- 1- RED - 6C
- 2- RED - 6B
- 3- RED - 6A
- 1- BLUE - 4
- 2- BLUE - 4A
- 1- WHITE - 2
- 2- WHITE - 5
- 1- ORANGE - 8





PULL BOX / JUNCTION BOX

LOCATION & DESCRIPTION	
STA. 0+273.0, 10.0 M RT. JB-1	
STA. 0+294.0, 9.6 M RT. PB-1	
STA. 0+299.0, 11.0 M RT. JB-2	

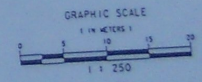
WIRED CONDUIT (PVC)

LOCATION	NO. ITEMS	REMARKS
JB-1 - STRAIN POLE #2	2	50 mm
STRAIN POLE #2 - PB-1	1	50 mm
LOOPS #4A AND #4 - CONTROLLER	2	50 mm
JB-2 - CONTROLLER	3	50 mm
CONTROLLER - STRAIN POLE #1	3	50 mm
CONTROLLER - UTILITY POLE #69/59	1	50 mm
CONTROLLER - POWER DROP STANCHION	1	50 mm
POWER DROP STANCHION - UTILITY POLE #69/59	1	50 mm

SEQ. 13	OFF - MALL 5:00-10:00 AM	PHASE 2+6 (DWELL)			PHASE 4+8			PHASE 2+5		
		CLEAR TO:			CLEAR TO:			CLEAR TO:		
		WB	4+8	2+5	WB	2+5	2+6	WB	2+6	4+8
VEH EXT	-	-	-	2	-	-	2	-	-	
MINIMUM	-	-	-	8	-	-	8	-	-	
MAXIMUM	26	4	2	12	4	2	14	4	2	
VEH EXT	2	-	-	2	-	-	2	-	-	
MINIMUM	12	-	-	8	-	-	8	-	-	
MAXIMUM	18	4	2	12	4	2	18	4	2	

FACE	R	Y	R	R	R	G	Y	R	Y	R	R	R	R	R	R	R
FACE 8	R	R	R	R	R	G	Y	R	Y	R	R	R	R	R	R	R
FACE 2	G	Y	R	R	G	G	G	G	G	G	G	G	G	G	G	G
FACE 4	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
FACE 4A	R	R	R	R	R	G	Y	R	Y	R	R	R	R	R	R	R
FACE 5	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
FACE 6	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R

EXISTING	NEW	LEGEND
○	○	STRAIN POLE/CANTILEVER
⊙	⊙	SIGNAL HEAD
⊞	⊞	VEHICLE DETECTOR LOOPS
□	□	PULL BOX/JUNCTION BOX (PB) / CONTROLLER CABINET
—	—	CONDUIT
⊞	⊞	LUMINAIRE



- NOTES:
- SEE PROJECT PLAN FOR CONSTRUCTION NOTES REGARDING CURB AND GUARD RAIL PLACEMENT.
 - ALL EXISTING TRAFFIC SIGNAL EQUIPMENT (WITH EXCEPTION OF TWO (2) THREE SECTION SIGNAL HEADS AS DETERMINED BY THE RESIDENT ENGINEER), TO BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. SIGNAL HEADS TO BE DELIVERED TO THE WENDON TRAFFIC SHOP.
 - ALL PAVEMENT MARKINGS ARE BY OTHERS AND ARE SHOWN FOR REFERENCE ONLY.

2003 "AVERAGE WEEKDAY" HOURLY VOLUMES

OFF MALL	OFF MALL	OFF MALL
56 35 0 18 12	41 127 340 163 0 2	5 14 0 4 2
85 346 329 485 11 16		

VEHICLE DETECTOR LOOPS

LOOP NO.	LANE	CALL β	SIZE (M)	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE		RESISTANCE		LEAKAGE TO GROUND	LOCKING MEMORY
						CALC.	ACT.	CALC.	ACT.		
2	EB. RT.	2	1.8 X 12.0	QUAD - 2	PRESENCE	395		1.351			NO
4A	MALL RT. & THRU	4A	1.8 X 9.0	QUAD - 2	PRESENCE	260		0.756			NO
4	MALL LT.	4	1.8 X 9.0	QUAD - 2	PRESENCE	271		0.644			NO
5	EB. LT.	5	1.8 X 12.0	QUAD - 2	PRESENCE	398		1.396			YES
6	WB. LT. & THRU	6	1.8 X 12.0	QUAD - 2	PRESENCE	349		0.757			NO
6B	WB. THRU	6	1.8 X 12.0	QUAD - 2	PRESENCE	347		0.723			NO
6C	WB. RT.	6	1.8 X 12.0	QUAD - 2	PRESENCE	344		0.686			NO
8	VT PET CTR DRIVE	8	1.8 X 9.0	QUAD - 2	PRESENCE	318		1.243			NO

ALL CALCULATED VALUES ARE AT THE CONTROLLER. MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.

NOTE:
ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED

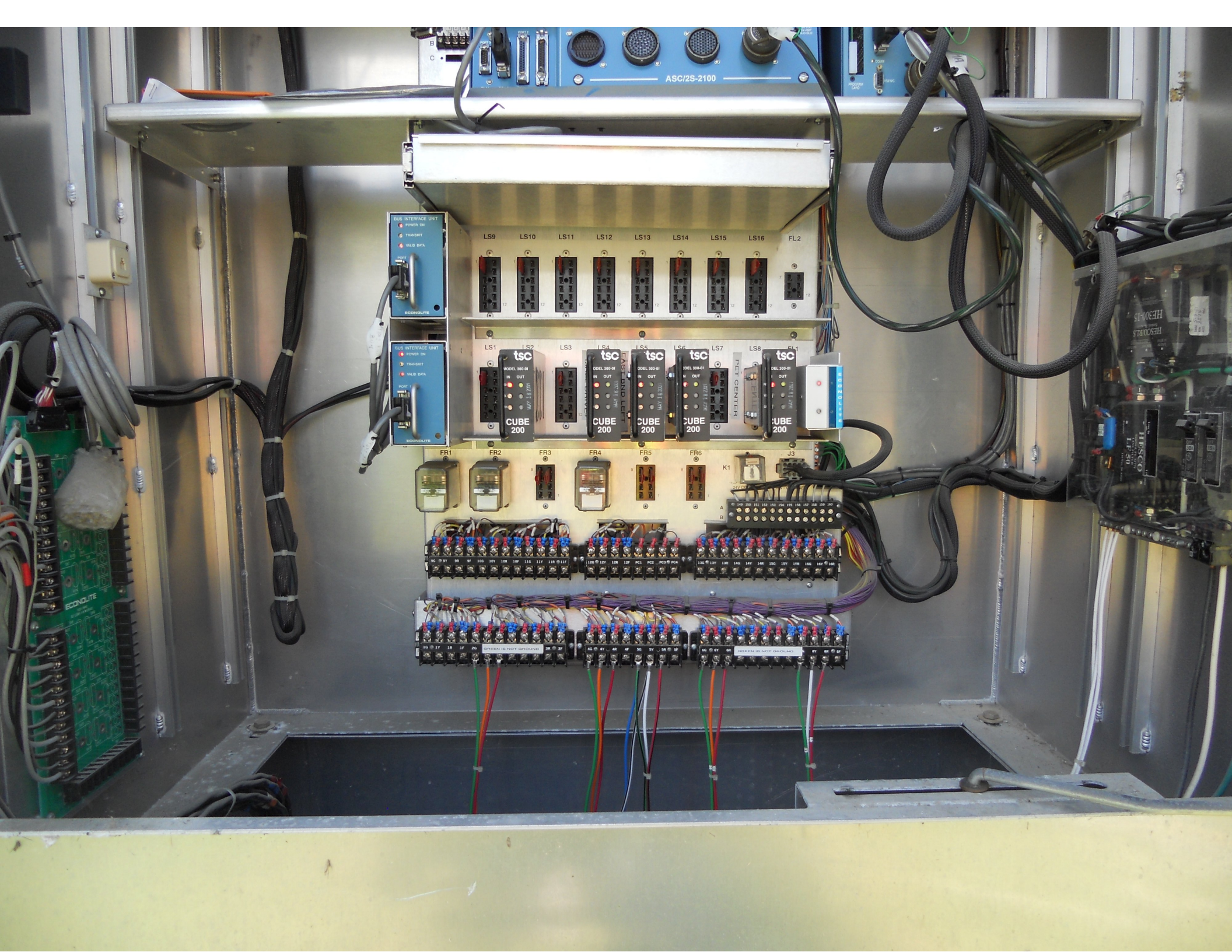
PROJECT NAME: RUTLAND TOWN
PROJECT NUMBER: NHG SONLS1515

FILE NAME: 2d2927r.m.dgn
PROJECT LEADER: GAS
DESIGNED BY: RAN/JCO

TRAFFIC SIGNAL DETAIL

DH
Dufresne-Henry

PLOT DATE: 8/13/03
DRAWN BY: RAN
CHECKED BY: CAS
SHEET 8 OF 8





BUS INTERFACE UNIT

- POWER ON
- TRANSMIT
- VALID DATA

PORT

ECONOLITE

M 622

SENS FREQ
15-HI 3-LO
15-NORM 2-MLO
SLO OFF 1-MHI
0-OFF 0-HI

ECONOLITE

M 622

SENS FREQ
15-HI 3-LO
15-NORM 2-MLO
SLO OFF 1-MHI
0-OFF 0-HI

ECONOLITE

M 622

SENS FREQ
15-HI 3-LO
15-NORM 2-MLO
SLO OFF 1-MHI
0-OFF 0-HI

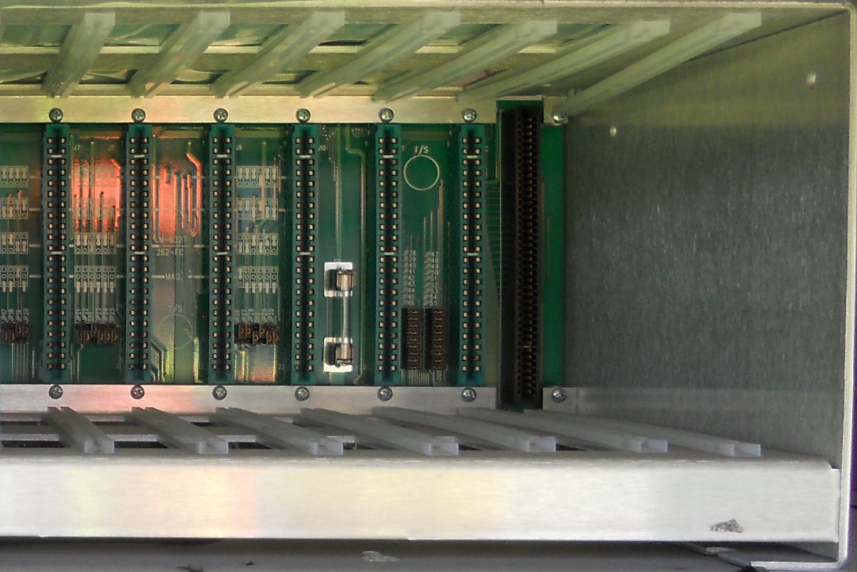
ECONOLITE

M 622

SENS FREQ
15-HI 3-LO
15-NORM 2-MLO
SLO OFF 1-MHI
0-OFF 0-HI

MALL EXIT WEST BND WEST BND EAST LEFT

MALL EXIT EAST BND PET CTR WEST BND



A

1	2	3	4	5	6	7
15-HI	15-NORM	3-LO	2-MLO	1-MHI	0-OFF	0-HI

B

C

STATUS DISPLAY

1	2	3	4	5	6	7	8
15-HI	15-NORM	3-LO	2-MLO	1-MHI	0-OFF	0-HI	

6 TGRN

CHD	SVC	NOV	FREE
SVC	CYC	GR	TLR
SYS	CYC	GR	TLR

PRIORITY

1	2	3	4	5	6	7	8
15-HI	15-NORM	3-LO	2-MLO	1-MHI	0-OFF	0-HI	













SPEED
LIMIT
35













0E-15X31

55KSI

2001

UNION METAL CORPORATION











THE HOME DEPOT
BIG LOTS
Home Depot
Car

pepsi
EAST ASIAN CUISINE
Asian
CORP
CHINESE
JAPANESE
SUSHI
ASTER DEVELOPMENT CO
also: 10,000sf STORE

RIGHT LANE
MUST
TURN RIGHT

17







DE-18X31
55KSI
2001
ALUMINUM METAL CORPORATION



DE-15X31

55KSI

2001

UNION METAL CORPORATION

NIC Program Steps

Step	Program	Step Begins	Pattern	Override
------	---------	-------------	---------	----------

TOD Program Steps

Step 1 Program 1 Step Begins 1000

Flash.
 Red Rest
 Spare 5.
 Spare 3.
 Type 0 Dly Enable. . .
 Det Diag Plan. . . . 0

Dimming Enable.
 Alt Veh Extension
 Det Log Enable.
 Spare 4
 Spare 2

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

Alt Sequence A B C D E F

Step 2 Program 1 Step Begins 2300

Flash. X
 Red Rest
 Spare 5.
 Spare 3.
 Type 0 Dly Enable. . .
 Det Diag Plan. . . . 0

Dimming Enable.
 Alt Veh Extension
 Det Log Enable.
 Spare 4
 Spare 2

	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

Alt Sequence A B C D E F

TOD Program Steps

Step 3 Program 1 Step Begins 0530

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

Alt Sequence A B C D E F

Step 4 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
Max 3 Enable
Veh Recall
Veh Max Recall	X	.	.	.	X	.	.	.	.	.	.
Ped Recall
Cond Service Inhibit.
Phase Omit
Special Function

Alt Sequence A B C D E F