

CONNECTICUT
DEPARTMENT
OF
TRANSPORTATION



CONDITION INSPECTION
FOR THE
NEW CANAAN STATION

GENERAL RECOMMENDATION 2

**CONN. DEPT OF TRANSPORTATION
STATION INSPECTION**

INSPECTION RATING SCALE

The following rating scale is used for inspections:

- 1- Totally deteriorated, or in failed condition.
- 2- Serious deterioration, or not functioning as originally designed.
- 3- Minor deterioration, but functioning as originally designed.
- 4- New condition. No deterioration.
- 5- Not applicable.
- 6- Condition and/or existence unknown.

STATION: New Canaan
 LINE: New Canaan
 INSPECTION DATE: 12-16-01
 INSPECTION AGENCY / FIRM: UA
 INSPECTORS: WV, RGW
 WEATHER: Sunny, 26°

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 STATION INSPECTION REPORT
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SPAN NO.	PLATFORM ELEMENT										CANOPY				SUPER-STRUCTURE	FOUNDATIONS		
	1 RAILING	2 RAILING PAINT	3 STAIRS	4 JOINTS	5 TOP OF PLATFORM	6 BENCHES	7 SIGN / BILLBOARD	8 WARNING STRIP	9 PLATFORM EDGE RUBBING BOARD	10 PEDESTRIAN TUNNEL	11 COLUMNS OVERALL	12 COLUMN BASE @ PLATFORM	13 ROOF FRAMING ELEMENTS	14 ROOFING MATERIAL	15 DOUBLE TEE	16 PIER	17 FOOTING	18 EROSION / SCOUR
I	3	3	5	5	3	5	3	3	5	5	3	3	3	3	5	5	3	3
II	5	5	5	3	3	5	5	3	5	5	3	3	3	3	5	5	3	3
III	5	5	5	3	3	5	5	3	5	5	3	3	3	3	5	5	3	3
IV	5	5	5	5	3	5	5	3	5	5	3	3	3	3	5	5	3	3
V	5	5	5	3	3	5	5	3	5	5	3	3	3	3	5	5	3	3
VI	5	5	5	5	3	5	3	3	5	5	3	3	3	3	5	5	3	3
VII	5	5	5	3	3	5	5	3	5	5	3	3	3	3	5	5	3	3
VIII	5	5	5	3	3	5	5	3	5	5	3	3	3	3	5	5	3	3
IX	5	5	5	5	3	5	5	3	5	5	3	3	3	3	5	5	3	3
X	5	5	5	3	3	5	5	3	5	5	3	3	3	3	5	5	3	3
XI	5	5	5	5	3	5	3	3	5	5	3	3	3	3	5	5	3	3
XII	5	5	5	3	3	5	5	3	5	5	3	3	3	3	5	5	3	3
XIII	5	5	5	5	3	5	3	3	5	5	3	3	3	3	5	5	3	3
XIV	5	5	5	5	3	5	5	3	5	5	3	3	3	3	5	5	3	3
XV	5	5	5	5	3	5	5	3	5	5	3	3	3	3	5	5	3	3
XVI	5	5	5	5	3	5	5	3	5	5	3	3	3	3	5	5	3	3
XVII	5	5	5	5	3	5	5	3	5	5	3	3	3	3	5	5	3	3
XVIII	5	5	5	3	3	5	5	3	5	5	3	3	3	3	5	5	3	3
XIX	5	5	5	5	3	5	5	3	5	5	3	3	3	3	5	5	3	3

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PARKING ELEMENTS

QUADRANT # I

TYPE OF SURFACE: asphalt x PAVED; _____ GRAVEL; _____ DIRT;
_____ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 3

CONDITION OF STRIPING: 4

CONDITION OF BASIN / DRAINS / ETC: 3
(FOR LOCATION SEE SHEET: see sketch)

SIGNAGE: 3

FENCE AND GUARDRAIL: 5

LANDSCAPE: 4

SIDEWALK: 3

CURB: 3

QUADRANT # II

TYPE OF SURFACE: asphalt x PAVED; _____ GRAVEL; _____ DIRT;
_____ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 4

CONDITION OF BASIN / DRAINS / ETC: 3
(FOR LOCATION SEE SHEET: see sketch)

SIGNAGE: 3

FENCE AND GUARDRAIL: 2

LANDSCAPE: 3

SIDEWALK: 5

CURB: 3

STATION: New Canaan
LINE: New Canaan
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INSPECTORS: WV, RGW
WEATHER: Sunny, 26

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PARKING ELEMENTS

QUADRANT # III

TYPE OF SURFACE: asphalt PAVED; _____ GRAVEL; _____ DIRT;
_____ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 4

CONDITION OF BASIN / DRAINS / ETC: 3
(FOR LOCATION SEE SHEET: see sketch)

SIGNAGE: 5

FENCE AND GUARDRAIL: 2

LANDSCAPE: 5

SIDEWALK: 5

CURB: 2

QUADRANT # IV

TYPE OF SURFACE: asphalt PAVED; _____ GRAVEL; _____ DIRT;
_____ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 4

CONDITION OF BASIN / DRAINS / ETC: 3
(FOR LOCATION SEE SHEET: see sketch)

SIGNAGE: 5

FENCE AND GUARDRAIL: 2

LANDSCAPE: 3

SIDEWALK: 5

CURB: 3

STATION: New Canaan
LINE: New Canaan
INSPECTION DATE: 12-16-01
INSPECTION AGENCY / FIRM: UA
INSPECTORS: WV, RGW
WEATHER: Sunny, 26

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PARKING ELEMENTS

QUADRANT # V

TYPE OF SURFACE: asphalt PAVED; _____ GRAVEL; _____ DIRT;
_____ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 3

CONDITION OF STRIPING: 4

CONDITION OF BASIN / DRAINS / ETC: 3
(FOR LOCATION SEE SHEET: see sketch)

SIGNAGE: 4

FENCE AND GUARDRAIL: 4

LANDSCAPE: 3

SIDEWALK: 3

CURB: 3

QUADRANT # VI

TYPE OF SURFACE: asphalt PAVED; _____ GRAVEL; _____ DIRT;
_____ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 2

CONDITION OF BASIN / DRAINS / ETC: 5
(FOR LOCATION SEE SHEET: _____)

SIGNAGE: 3

FENCE AND GUARDRAIL: 5

LANDSCAPE: 3

SIDEWALK: 5

CURB: 3

STATION: New Canaan
LINE: New Canaan
INSPECTION DATE: 12-16-01
INSPECTION AGENCY / FIRM: UA
INSPECTORS: WV, RGW
WEATHER: Sunny, 26

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PARKING ELEMENTS

QUADRANT # VII

TYPE OF SURFACE: asphalt x PAVED; _____ GRAVEL; _____ DIRT;
_____ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 2

CONDITION OF BASIN / DRAINS / ETC: 3
(FOR LOCATION SEE SHEET: see sketch)

SIGNAGE: 3

FENCE AND GUARDRAIL: 2

LANDSCAPE: 2

SIDEWALK: 5

CURB: 3

QUADRANT # VIII

TYPE OF SURFACE: asphalt x PAVED; _____ GRAVEL; _____ DIRT;
_____ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 2

CONDITION OF BASIN / DRAINS / ETC: 3
(FOR LOCATION SEE SHEET: see sketch)

SIGNAGE: 2

FENCE AND GUARDRAIL: 2

LANDSCAPE: 2

SIDEWALK: 5

CURB: 3

STATION: New Canaan
LINE: New Canaan
INSPECTION DATE: 12-16-01
INSPECTION AGENCY / FIRM: UA
INSPECTORS: WV, RGW
WEATHER: Sunny, 26

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PARKING ELEMENTS

QUADRANT # IX

TYPE OF SURFACE: asphalt x PAVED; _____ GRAVEL; _____ DIRT;
_____ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 2

CONDITION OF BASIN / DRAINS / ETC: 3
(FOR LOCATION SEE SHEET: see sketch)

SIGNAGE: 3

FENCE AND GUARDRAIL: 2

LANDSCAPE: 2

SIDEWALK: 5

CURB: 3

QUADRANT # X

TYPE OF SURFACE: asphalt x PAVED; _____ GRAVEL; _____ DIRT;
_____ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 3

CONDITION OF BASIN / DRAINS / ETC: 3
(FOR LOCATION SEE SHEET: see sketch)

SIGNAGE: 3

FENCE AND GUARDRAIL: 5

LANDSCAPE: 3

SIDEWALK: 5

CURB: 3

STATION: New Canaan
 LINE: New Haven-New Canaan Branch
 INSPECTION DATE : January 8, 2002
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff
 INSPECTORS: Jim Connell & Dave Lang
 TIME OF INSPECTION: A.M.
 WEATHER: Clear & Cool

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PLATFORM --- LIGHTING

Span Number	Fixture Type	Manufacturer	Model Number	Rating	Support Condition	Estimated Age/Life(y/y)	Visual Condition
all	HID-MH	unknown	unknown	3	3	3/ 20	minor deterioration

Remarks: A typical section of the platform was measured at the location indicated and found to average
12.1 fc.

PLATFORM --- LIGHTING LEVELS (fc)

TRACKS----{ _____ }

see remarks	avg 12.1	see remarks	see remarks	see remarks	see remarks
NORTHBOUND/SOUTHBOUND PLATFORM					

3				
4				

3				
4				

STATION: New Canaan
 LINE: New Haven-New Canaan Branch
 INSPECTION DATE : January 8, 2002
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff
 INSPECTORS: Jim Connell & Dave Lang
 TIME OF INSPECTION: A.M.
 WEATHER: Clear & Cool

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PLATFORM --- SERVICE

Voltage Rating (V)	n/a	Type of 3 phase connection		Delta	n/a	Wye	n/a
		Method of Entrance		Overhead	n/a	Underground	n/a
Rating of Main Breaker (A)	n/a	Origin of Service		Pole	n/a	Transformer	n/a
		Code Compliant		Yes	n/a	No	n/a
Quantity of Phases	n/a	Pole Number & Street	n/a	Wire Sizes	n/a		

Remarks: Electric power for the platform is derived from the station building panelboards.

PLATFORM --- ELECTRICAL SYSTEMS

Electrical Device	Manufacturer	Model Number	Rating	Location	Estimated Age/Life(y/y)	Visual Condition
Main Distribution Panel	n/a	n/a	n/a	n/a	n/a	n/a
Main Disconnect Switch	n/a	n/a	n/a	n/a	n/a	n/a
Transformer	n/a	n/a	n/a	n/a	n/a	n/a
Receptacles	unknown	unknown	3	platform	3/ 20	minor deterioration
Grounding	unknown	unknown	unknown	unknown	unknown	unknown
Lighting Controls	unknown	unknown	unknown	unknown	unknown	unknown
Public Telephone	unknown	n/a	n/a	platform	unknown	operational
Station Telephone	n/a	n/a	n/a	n/a	n/a	n/a

Remarks:

STATION: New Canaan

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INSPECTORS: Jim Connell & Dave Lang

DATE: January 8, 2002

STATION PLATFORM --- ELECTRICAL AND LIGHTING SUMMARY

The power for the platform is in good working condition as described in the building summary.

Metal Halide type luminaires are mounted beneath the canopy that covers the entire platform. Most of the luminaires are pedant mounted, except at the building where they are wall mounted. The light output of these luminaires averages 12.1 foot-candles and exceeds the minimal levels recommended by the IESNA.

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 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff
 INSPECTORS: Jim Connell & Dave Lang
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 WEATHER: Clear & Cool

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STATION BUILDING --- LIGHTING

Fixture Type	Manufacturer	Model Number	Rating	Support Condition	Estimated Age/Life(y/y)	Visual Condition
incandescent pendant	unknown	unknown	4	4	3/ 20	new condition
incandescent wall mtd	unknown	unknown	4	4	3/ 20	new condition
2 ft fluorescent	unknown	unknown	4	4	3/ 20	new condition
4 ft fluorescent	unknown	unknown	4	4	3/ 20	new condition
Exit	unknown	unknown	4	4	3/ 20	new condition
Emergency Egress	unknown	unknown	4	4	3/ 20	new condition

Remarks: A typical section of the waiting room was measured and found to average 3.4 fc.
 The attic has several incandescent edison base light fixtures.

STATION BUILDING --- LIGHTING LEVELS (fc)

ROOM DESC:	A	B	C	D
1 waiting room	avg 3.4			
2				
3				
4				

ROOM DESC:	A	B	C	D
1 not used				
2				
3				
4				

ROOM DESC:	A	B	C	D
1 not used				
2				
3				
4				

ROOM DESC:	A	B	C	D
1 not used				
2				
3				
4				

STATION: New Canaan
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STATION BUILDING --- SERVICE

Voltage Rating (V)	120/240	Type of 3 phase connection		Delta	n/a	Wye	n/a
		Method of Entrance		Overhead	n/a	Underground	X
Rating of Main Breaker (A)	200	Origin of Service		Pole	X	Transformer	n/a
		Code Compliant		Yes	X	No	n/a
Quantity of Phases	1	Pole Number & Street	see remarks	Wire Sizes	unknown		

Remarks: The underground electric service may originate at one of two utility poles. Therefore, we were unable to confirm the exact utility pole number.

STATION BUILDING --- ELECTRICAL SYSTEMS

Electrical Device	Manufacturer	Model Number	Rating	Location	Estimated Age/Life(y/y)	Visual Condition
Main Distribution Panel	GE	AF37S	4	electrical room	3/ 20	new condition
Main Disconnect Switch	Square D	unknown	4	supply room	3/ 20	new condition
Transformer	n/a	n/a	n/a	n/a	n/a	n/a
Receptacles	unknown	unknown	3	throughout the facility	3/ 20	minor deterioration
Grounding	unknown	unknown	unknown	unknown	unknown	unknown
Lighting Controls	unknown	unknown	3	electrical room	3/ 20	minor deterioration
Public Telephone	unknown	n/a	n/a	waiting area	n/a	operational
Station Telephone	unknown	n/a	n/a	ticket booth	n/a	operational
Main Metering Cabinet	GE	TMPR12222R	4	attached to exterior wall	3/ 20	new condition
Light Panel	GE	AF37S	4	electrical room	3/ 20	new condition
Lease Panel	GE	AF37S	4	electrical room	3/ 20	new condition
Taxi Panel	Square D	QOC16UF	4	taxi stand	3/ 20	new condition

Remarks: _____

STATION: New Canaan
 LINE: New Haven-New Canaan Branch
 INSPECTION DATE : January 8, 2002
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff
 INSPECTORS: Jim Connell & Dave Lang
 TIME OF INSPECTION: A.M.
 WEATHER: Clear & Cool

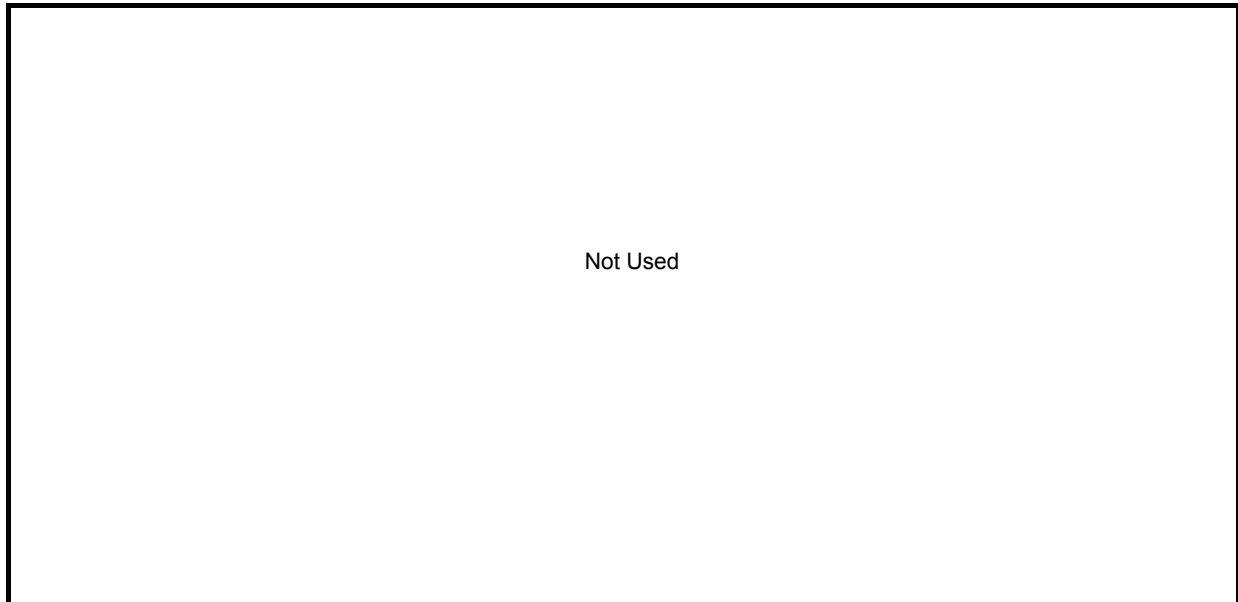
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STATION BUILDING --- FIRE ALARM SYSTEM

Fire Alarm Device	Manufacturer	Model Number	Rating	Quantity	Location	Estimated Age/Life(y/y)	Visual Condition
Fire Alarm Control Panel	Notifier	System 500	4	1	waiting room	3/ 20	new condition
Heat Detector	existence unknown	n/a	n/a	n/a	n/a	n/a	n/a
Smoke Detector	unknown	unknown	4	unknown	throughout the facility	3/ 20	new condition
Pull Station	Notifier	unknown	4	unknown	throughout the facility	3/ 20	new condition
Annunciator	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Audio/Visual Device	unknown	unknown	4	unknown	throughout the facility	3/ 20	new condition

Remarks: There are no pull stations at the coffee shop egress and there is no fire detection device located in the janitors closet.
Smoke detectors are located in the taxi stand.

STATION BUILDING --- SKETCHES



STATION: New Canaan

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INSPECTORS: Jim Connell & Dave Lang

DATE: January 8, 2002

STATION BUILDING --- ELECTRICAL AND LIGHTING SUMMARY

The building and the small taxi stand structure have recently been renovated with new electrical systems throughout. The power panels are adequately serving the space and also have some spare capacity for growth. The building electrical system is in good repair and well maintained. The electrical service terminates in a metal enclosure within a wood cabinet located on the platform. Electrical power is then distributed to the platform and building.

During hours of darkness, the waiting room maintains an average of 3.4 foot-candles. Luminaires should be added to increase the light level to 5 foot-candles to meet the minimum levels as recommended by the IESNA. Exit and egress lighting is operational and meets the requirements of NFPA 101.

There is an active fire alarm system in the building that complies with the ADA. Fire detection devices are located throughout the building except there is no fire detection device located in the janitor's closet. Additionally, there are no pull station devices located at the coffee shop egress. We recommend that devices be installed and connected to the existing fire alarm system at the coffee shop egresses and in the closet.

STATION: New Canaan
LINE: New Haven - New Canaan Branch
INSPECTION DATE : January 8, 2002
INSPECTION AGENCY / FIRM: Parsons Brinckerhoff
INSPECTORS: J. Duncan & T. Abrahamson
TIME OF INSPECTION: A.M.
WEATHER: Clear & Cool

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BUILDING -- HVAC - Fire Protection

BOILER: N/A

WATER HEATER: Rheem/Rund
1 Element (lower) 6000 W, Serial CV 0998 KH 039830659
Model EGSP20, Good Repair

FUEL TYPE: Electric

HEATING UNIT / FURNACE: Heating/Air Conditioning Unit
Powermatic IWC, Serial 0698-15973
Model CA-Z, Input 250,000 Btu/hr
Output 200,000 Btu/hr - Excellent Condition

FUEL TYPE: No. 2 oil - Oil tank capacity approximately 500 gal. Installed July 1998

HEATING FILTER: Yes, Good Repair

A/C FILTER: Yes, Good Repair

DUCTS: Ductwork in crawling space under the floor - Excellent Condition
Air supply through grilles (5) in the floor along the room perimeter,
same in Ticket Area (2) grilles, from ticket area air return through grille above the door.
Air return from the general area through ducted grille.

OF DAMPERS: No dampers observed

CONDITION OF DAMPERS: N/A

THERMOSTATS: Honeywell, Programmable with night set back

NIGHT SET BACK: Yes

PUMPS: Not Observed

PIPING: N/A

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LINE: New Haven - New Canaan Branch
INSPECTION DATE : January 8, 2002
INSPECTION AGENCY / FIRM: Parsons Brinckerhoff
INSPECTORS: J. Duncan & T. Abrahamson
TIME OF INSPECTION: P.M.
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BUILDING -- HVAC - Fire Protection Continued

Air Cooled Condensers
2 Trane XE 1000
Model TTR048D100A
Serial N491T6DFF
Volts 208/230
Installed 11/98 - Good Repair

In the Attic

Two air return grilles. One ducted back to the unit, one not ducted but with damper for air relief in the spring and fall. - Good Repair

1 wall fan for exhaust air - Good Repair

Exhaust from toilets (2) and janitor's closet with exhaust fan; ducted to the outdoors. Good Repair

In Coffee Shop

One air supply grille in the floor, one air return in the ceiling, Good Repair

Fire Protection

No sprinklers

Separate Small Building on Platform (Taxi Cab Dispatcher)

Through the wall A/C Carrier - Heat pump, Electric, Good Repair
Additional Electric Portable Base Board Heater - Good Repair

STATION: New Canaan

LINE: New Haven - New Canaan Branch

INSPECTION DATE : January 8, 2002

INSPECTION AGENCY / FIRM: Parsons Brinckerhoff

INSPECTORS: J. Duncan & T. Abrahamson

TIME OF INSPECTION: A.M.

WEATHER: Clear & Cool

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PLATFORM - PLUMBING

SPAN NO.	GUTTER	DOWNSPOUT/ PIPING	CLEAN-OUTS	SPAN NO.	GUTTER	DOWNSPOUT/ PIPING	CLEAN-OUTS
All	All gutters and downspouts in very good condition.						

PLATFORM - FIXTURES -- N/A

SPAN #: _____
MODEL: _____
YEAR: _____
MANUFACTURER: _____
CONDITION: _____

SPAN #: _____
MODEL: _____
YEAR: _____
MANUFACTURER: _____
CONDITION: _____

SPAN #: _____
MODEL: _____
YEAR: _____
MANUFACTURER: _____
CONDITION: _____

STATION: New Canaan
LINE: New Haven - New Canaan Branch
INSPECTION DATE : January 8, 2002
INSPECTION AGENCY / FIRM: Parsons Brinckerhoff
INSPECTORS: J. Duncan & T. Abrahamson
TIME OF INSPECTION: A.M.
WEATHER: Clear & Cool

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BUILDING - PLUMBING

RESTROOM

PIPING: Good Condition, Insulated (Handicapped)
WATER PRESSURE: Normal
DRAINS: OK
FAUCET/FIXTURES:
* MODEL: Unknown
* YEAR: Unknown
* MANUFACTURER: Kohler
* CONDITION: Good
ADA Conditions - Yes all conform
Water Conservation fixtures - Yes

KITCHEN

PIPING: _____
WATER PRESSURE: _____
DRAINS: _____
FAUCET/FIXTURES: _____ N/A
* MODEL: _____
* YEAR: _____
* MANUFACTURER: _____
* CONDITION: _____

EXTERIOR

SPRINKLER: _____
FAUCET/FIXTURES: _____ N/A
* MODEL: _____
* YEAR: _____
* MANUFACTURER: _____
* CONDITION: _____

Men's Fixtures

1 Urinal
1 Toilet
1 Lavatory
All Handicapped fixtures
All water conservation fixtures
All new and in very good condition
Heat from under the floor through grille
Louvered door
Exhaust fan working
Floor drain

Toilets have water flush system -
Sloan Flushrate, 1.6 gpf.

Women's

1 Handicapped Toilet
1 Regular Toilet
1 Lavatory
All water conservation fixtures
All new and in very good condition
Heat through grille supplied from
under the floor

Louvered door
Exhaust Fan working
Floor drain

Toilets have water flush system -
Sloan Flushrate, 1.6 gpf.

In common area, electric stainless steel refrigerated water cooler - Good Repair

STATION: New Canaan
LINE: New Haven - New Canaan Branch
INSPECTION DATE : January 8, 2002
INSPECTION AGENCY / FIRM: Parsons Brinckerhoff
INSPECTORS: J. Duncan & T. Abrahamson
TIME OF INSPECTION: A.M.
WEATHER: Clear & Cool

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BUILDING - PLUMBING (CONT.)

RESTROOM

PIPING: _____
WATER PRESSURE: _____ N/A
DRAINS: _____
FAUCET/FIXTURES: _____
* MODEL: _____
* YEAR: _____
* MANUFACTURER: _____
* CONDITION: _____

KITCHEN

PIPING: Good Repair
WATER PRESSURE: Normal
DRAINS: OK
FAUCET/FIXTURES: As Described
* MODEL: Unknown
* YEAR: Unknown
* MANUFACTURER: Unknown
* CONDITION: Good Repair

2 stainless steel sinks - Good Repair
1 normal sized sink
1 very small sink

Janitors Closet

One slop sink with hot and cold
running water, no leaks, Good Repair

EXTERIOR

SPRINKLER: _____
FAUCET/FIXTURES: _____
* MODEL: _____ N/A
* YEAR: _____
* MANUFACTURER: _____
* CONDITION: _____

Building gutters and downspouts in very good condition.

STATION: New Canaan

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INSPECTORS: J. Duncan, T. Abrahamson

DATE: January 8, 2002

STATION – MECHANICAL SUMMARY

HVAC

The station HVAC system is fairly new and in very good condition. The HVAC unit uses No.2 oil for combustion, supplied from a fuel storage tank. The unit also supplies tempered (cool) air conditioning in the summer. Two air-cooled condensers are located outdoors.

Fire Protection

The station is not equipped with sprinklers for fire protection but is equipped with heat detectors and an alarm system. Portable fire extinguishers shall be provided, conspicuously located and affixing "EXTINGUISHER" signs.

Plumbing System

Men's and Women's restrooms are equipped with handicapped type fixture units. They conform to ADA requirements. Restrooms have been recently remodeled and are in very good condition.

Storm drainage

All gutters and downspouts are in very good condition.

STATION: New Canaan
 LINE: New Haven-New Canaan Branch
 INSPECTION DATE: April 25, 2002
 INSPECTION AGENCY/FIRM: Warren & Panzer Engineers
 INSPECTORS: Hortense Oliveira/Josue Garcia
 WEATHER: Good

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 STATION INSPECTION REPORT
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HAZARDOUS MATERIALS INSPECTION

LEAD-BASED PAINT

Note: The LBP inspection was conducted using an RMD LPA-1 spectrum X-Ray Fluorescence Analyzer (XRF). The Department of Housing and Urban Development (HUD) recommend XRF analysis for inspection of lead in paint. XRF readings were taken of surfaces coated with suspect LBP. The XRF was operated in "Quick Mode" for this project. In Quick Mode, the measurement time is determined by the LPA-1 Analyzer to achieve a 95% confidence measurement compared to an action level (1.0 mg/cm²).

Platform

Surfaces Tested	# of Locations Tested	Lead Presence (>1 mg/cm ²)	Rating
Canopy Columns	4	Yes	3
Canopy Beams	4	Yes	3
Canopy Deck	1	No	3

Station Building

Surfaces Tested	# of Locations Tested	Lead Presence (>1 mg/cm ²)	Rating
Ext Walls and Borders	5	Yes	3
Door Frames	3	No	3
Doors	3	No	3
Window Frames	2	No	3

Surfaces Tested	# of Locations Tested	Lead Presence (>1 mg/cm ²)	Rating
Window Sashes	3	No	3
Window Sills	1	No	3
Int. Walls	3	No	4
Int. Ceiling and Canopy	Assumed	Yes	4

Lead-Based Paint was found on surfaces noted above. Painted surfaces were found to be in good condition. Any future disturbance of the lead-based painted surfaces noted above should be abated by an Environmental Protection Agency/Connecticut Abatement Contractor in accordance with the EPA's 40 CFR 745, HUD's 24 CFR Part 35 and The HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, OSHA's 29 CFR 1926.62, and all other applicable regulations.

SUSPECT ASBESTOS-CONTAINING MATERIALS

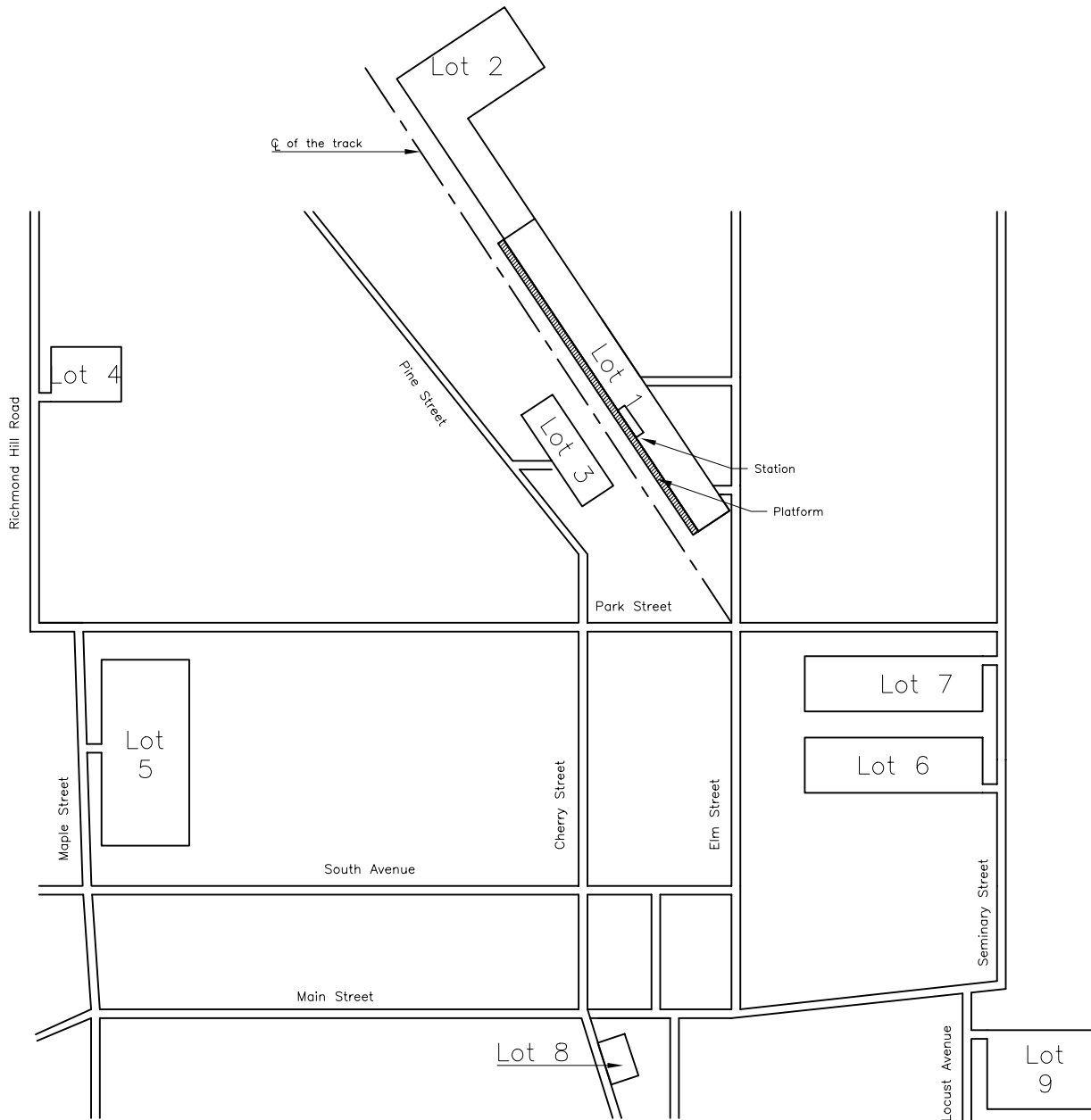
Listed below are suspect asbestos-containing materials that were observed during a visual inspection. Materials were found to be in fair to good condition. Any future disturbance of these materials should be preceded by the collection of samples and laboratory analysis of these samples. This work must be performed by a certified inspector.

Platform

Suspect Materials	Rating
Caulking on Platform Seams	3

Station House

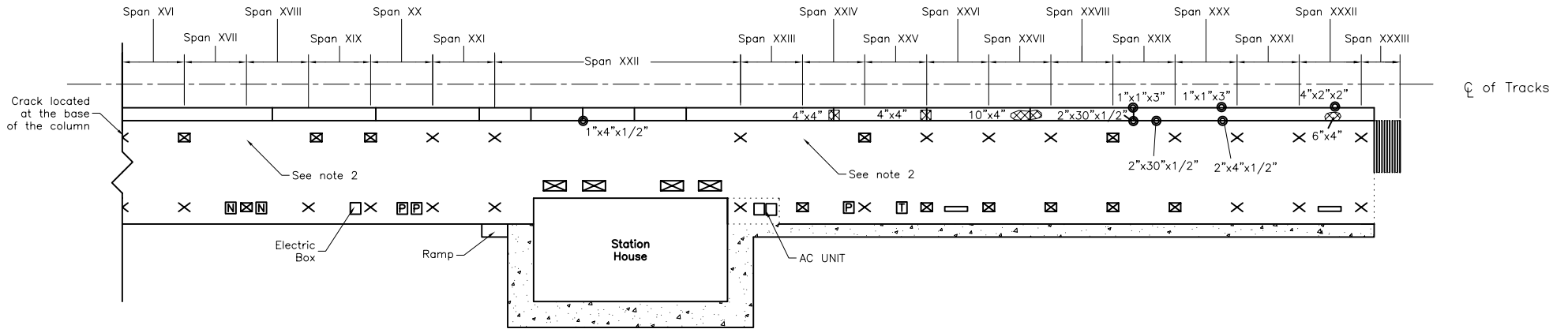
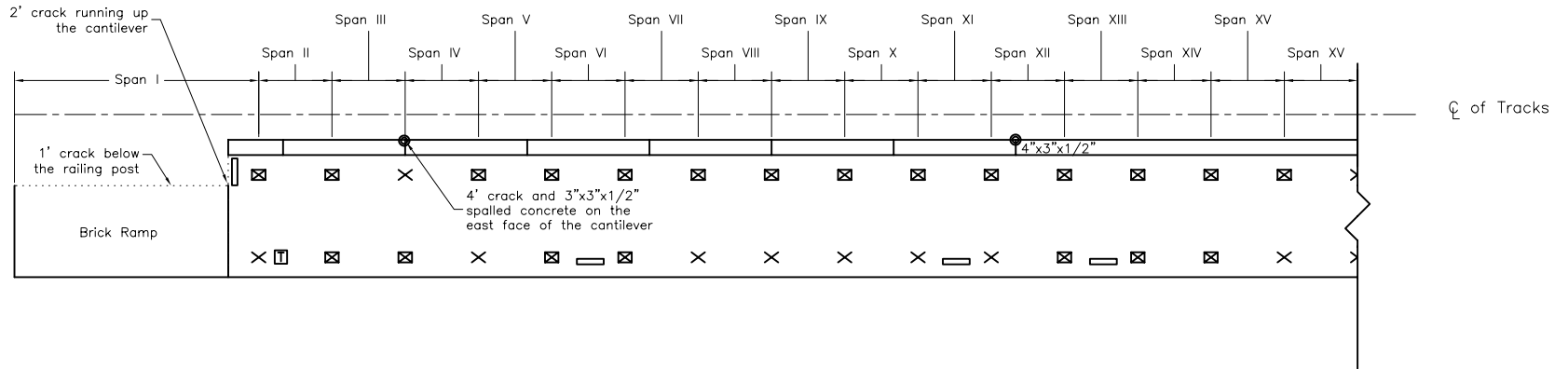
Suspect Materials	Rating
Window Glazing	3
Cab House Floor Tile	3
Roof Shingles	3



NOTES:

1. Lot 5, 6, & 7 had signs that said "Parking for non-commuters" therefore we did not inspect.

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
New Canaan Station General Layout
Date: 12-20-01



Legend:

- Pedestrian Rail
- ~~~~~ Crack
- ▣ Map Cracking
- ▤ Sidewalk
- Spalled Concrete
- × Canopy Column
- ⊗ Canopy Column w/ Cracks
- ▭ Sign
- ⊠ Bench
- ⊞ Trashcan
- ⊞ Newspaper
- ⊞ Ticket Vending Machine
- Joint

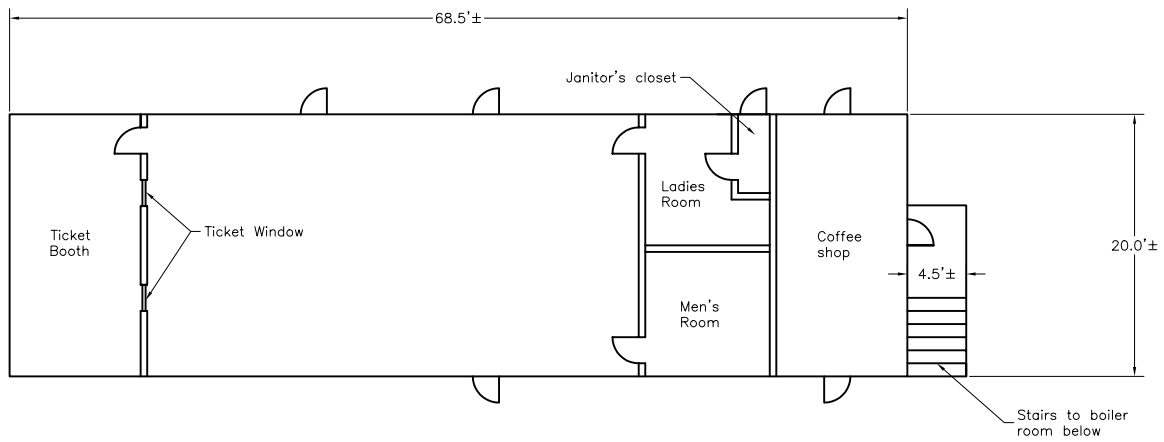
NOTES:

1. Columns exhibit centerline cracks that extend the height of the columns, but are reinforced with metal bolts.
2. Two of the columns have been removed and replaced with a cable support

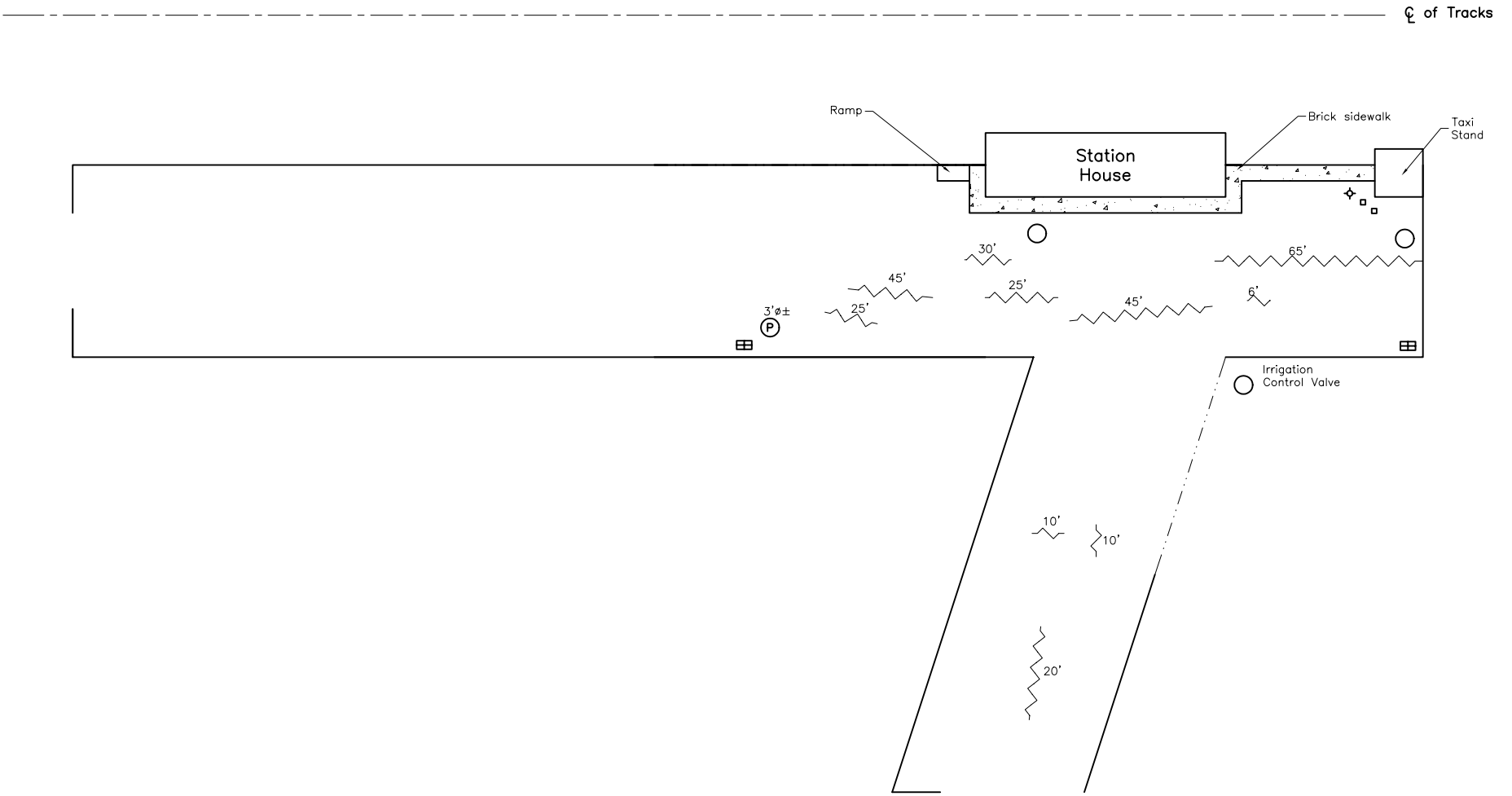
Urbitran Associates, Inc.
Connecticut Dept. of Transportation
New Canaan Station Platform Plan
Date: 12-20-01

← N

☒ of Tracks



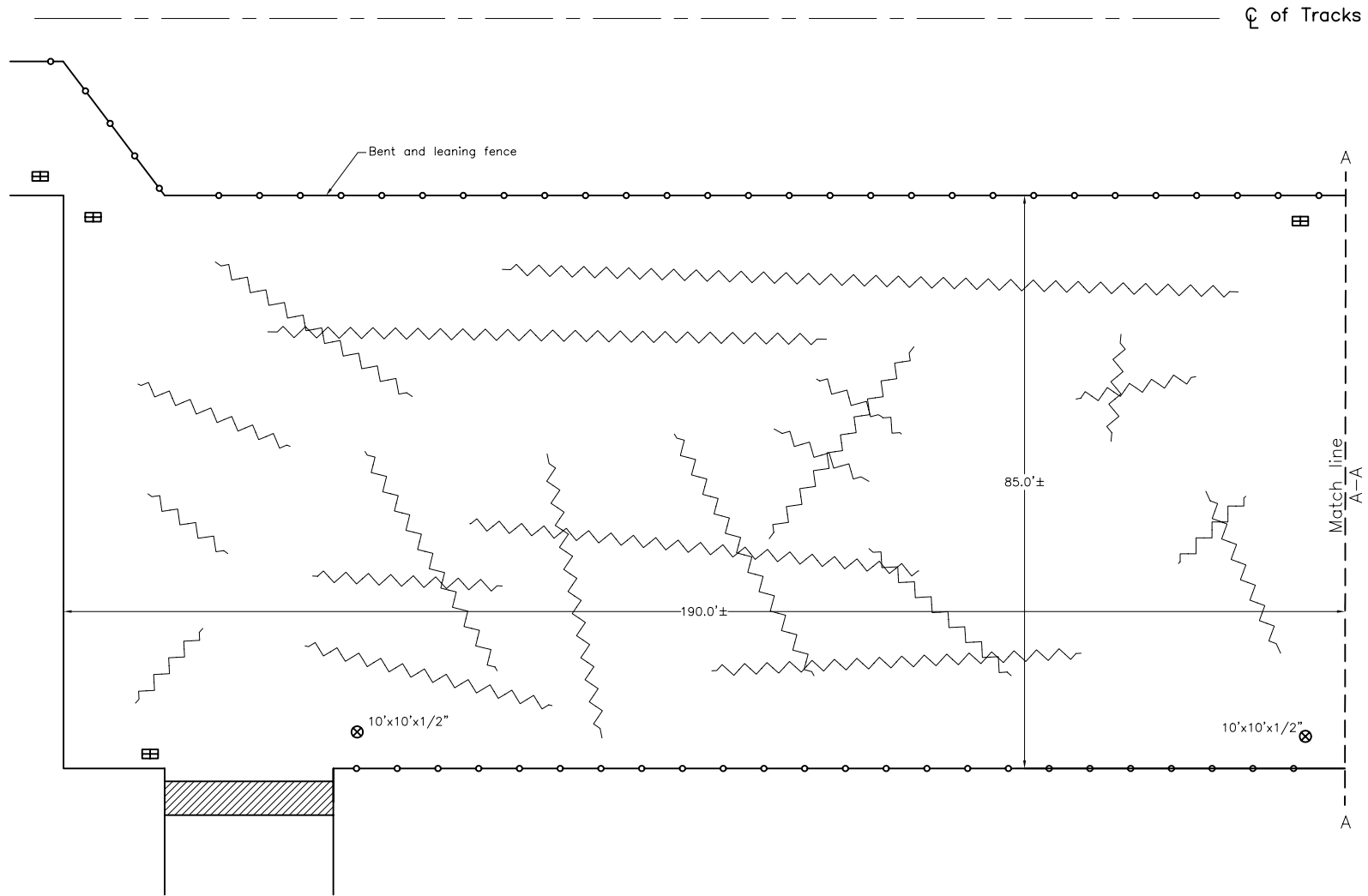
Urbitran Associates, Inc.
Connecticut Dept. of Transportation
New Canaan Station Building Plan
Date: 12-20-01



Legend:

- Guardrail
- Crack
- Sidewalk
- Sanitary Manhole
- Drain
- Bollard
- Light
- Ponding of Water

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
New Canaan Station (LOT 1) Quadrant I Details
Date: 12-20-01

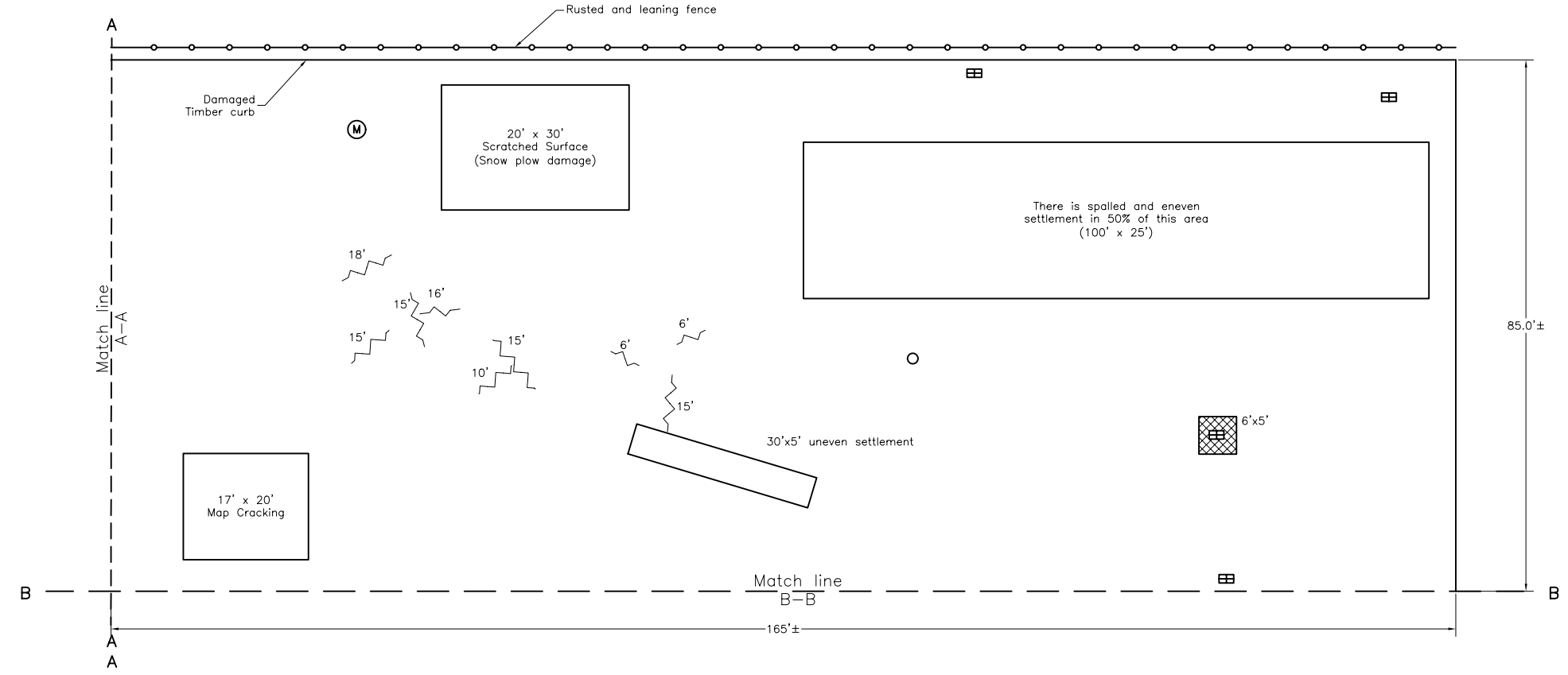


- Legend:
- Fence
 - Cracks
 - Drain
 - Pothole
 - Timber Road Block

NOTES:
 1. 40% of the asphalt surface exhibits cracks up to 3" wide

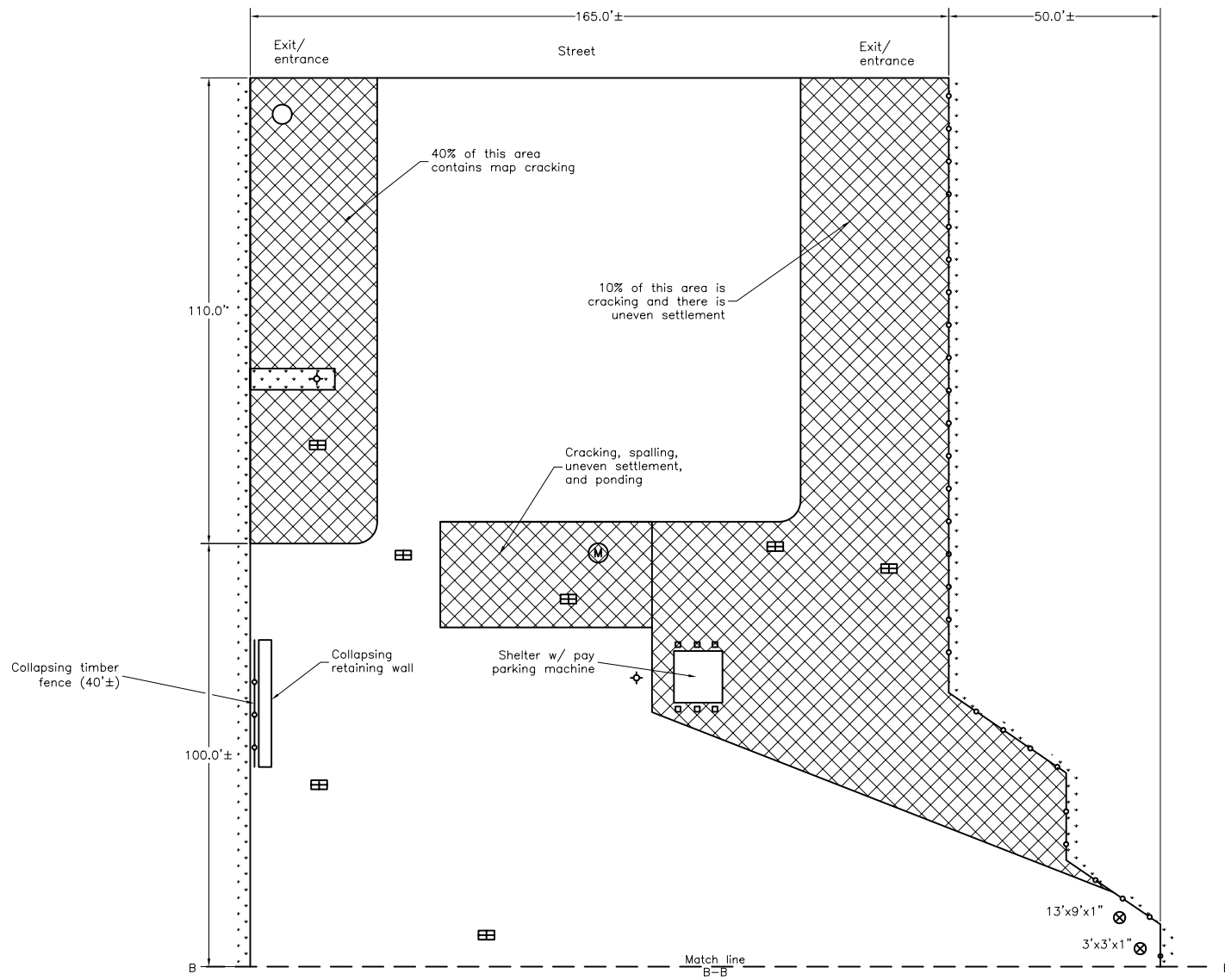
Urbitran Associates, Inc.
Connecticut Dept. of Transportation
New Canaan Station (LOT 2) Quadrant II Details
Date: 12-20-01

← N
----- C of Tracks



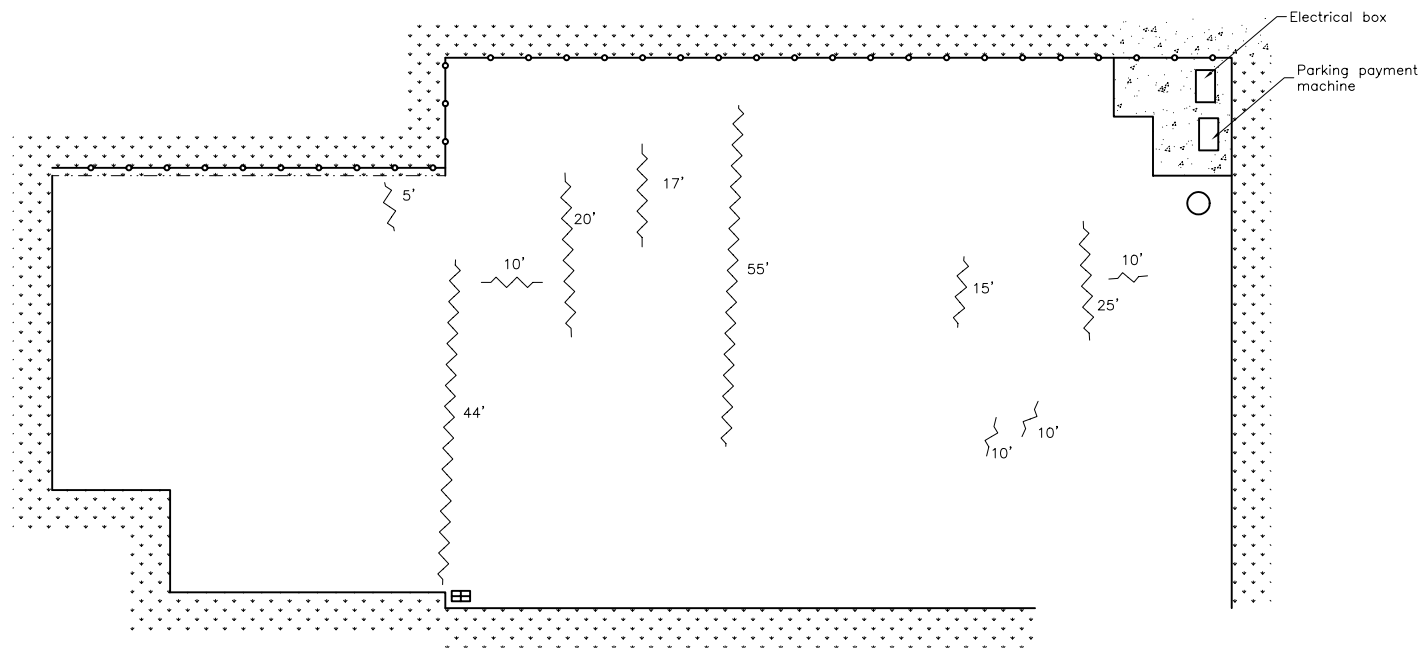
- Legend:
- Fence
 - ~~~~~ Cracking
 - ▣ Map Cracking
 - Ⓜ Monitoring Well
 - ▤ Drain

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
New Canaan Station (LOT 2) Quadrant III Details
Date: 12-20-01



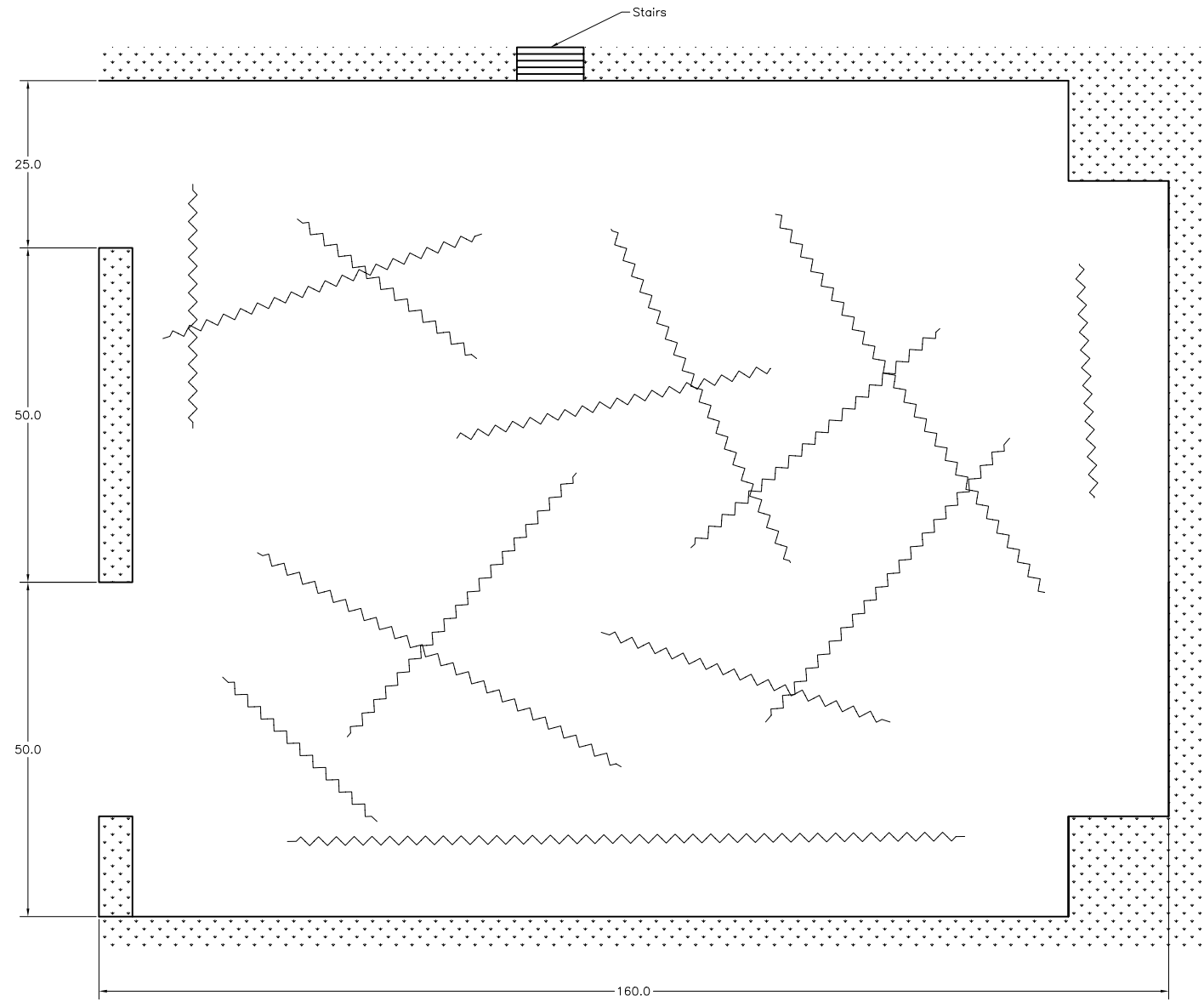
- Legend:
- Fence
 - Map Cracking
 - Grass
 - Sanitary Manhole
 - Monitoring Well
 - Drain
 - Pothole
 - Metal Poles
 - Light


Urbitran Associates, Inc.
Connecticut Dept. of Transportation
New Canaan Station (Lot 2) Quadrant IV Details
Date: 12-20-01



- Legend:
- Fence
 - Guardrail
 - Crack
 - Grass
 - Sidewalk
 - Sanitary Manhole
 - Drain

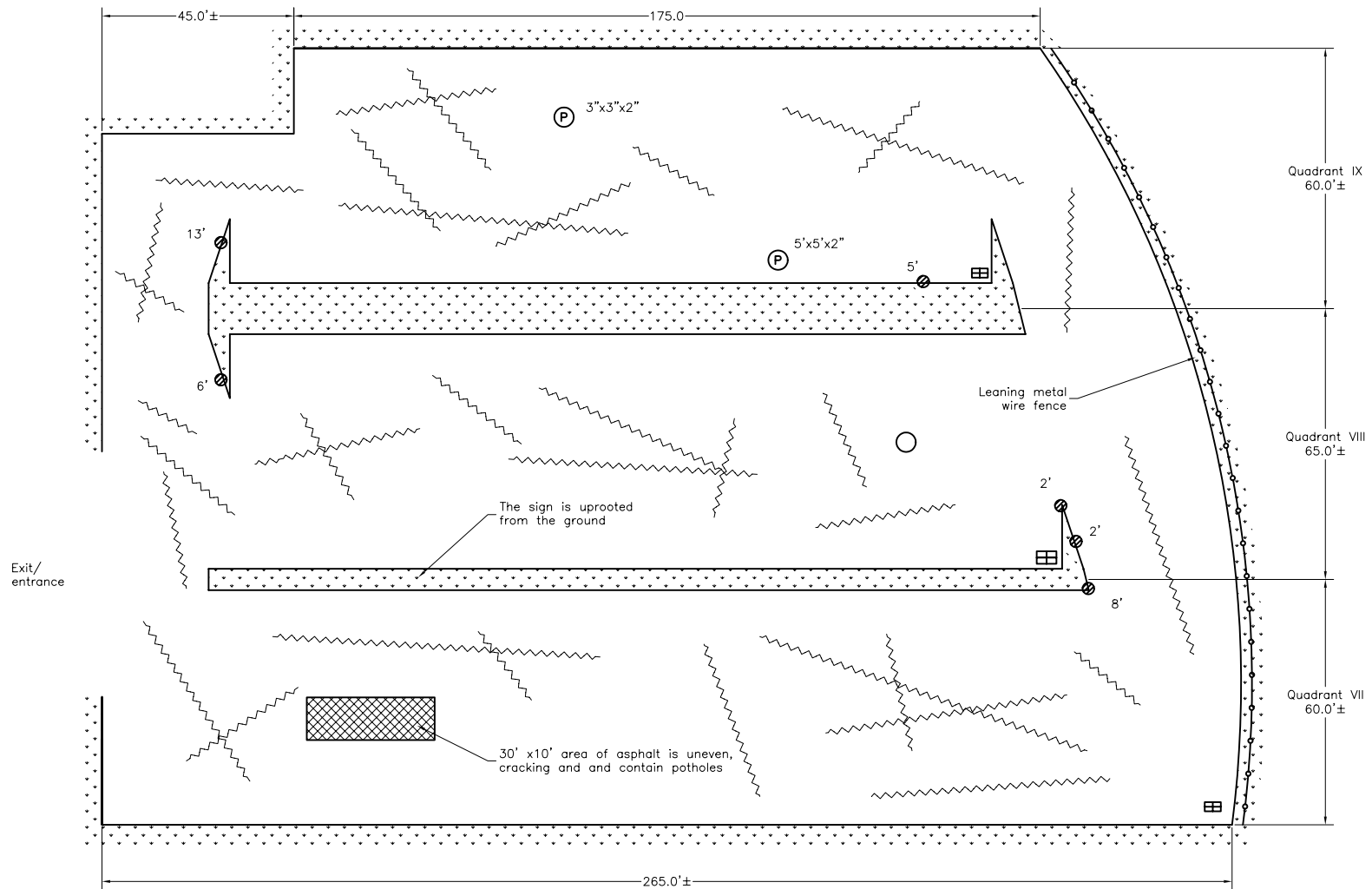
Urbitran Associates, Inc.
Connecticut Dept. of Transportation
New Canaan Station (LOT 3) Quadrant V Details
Date: 12-20-01



Legend:
 Cracks

- NOTES:
1. 35% of the asphalt surface is cracked.
 2. The striping is faded.

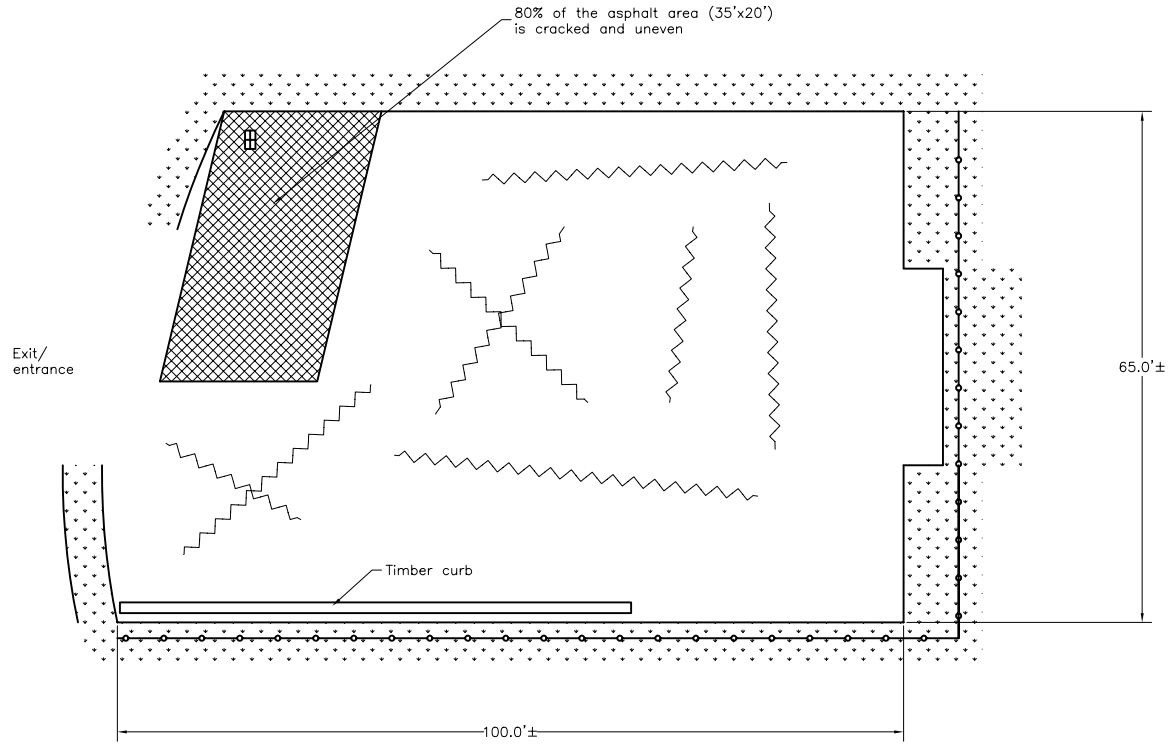
Urbitran Associates, Inc.
Connecticut Dept. of Transportation
New Canaan Station (LOT 4) Quadrant VI Details
Date: 12-20-01



- Legend:
- Fence
 - Cracks
 - Map Cracking
 - Grass
 - Sanitary Manhole
 - Drain
 - Pothole
 - Cracked, Broken, Missing Curb

- NOTES:
1. Quadrant VIII contains an additional 20% of cracked asphalt.
 2. Quadrant IX contains 30% of cracked asphalt.
 3. Quadrant X contains 40% of cracked asphalt.

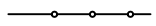




Urbitran Associates, Inc.
Connecticut Dept. of Transportation
New Canaan Station (Lot 9) Quadrant VII, VIII, IX, Details
Date: 12-20-01



NOTE:

1. 10% of the asphalt pavement is cracked.

Legend:

-  Fence
-  Cracks
-  Drain
-  Cracking
-  Grass

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
New Canaan Station (LOT 8) Quadrant X Details
Date: 12-20-01

STATION: New Canaan

CONN. DEPT OF TRANSPORTATION
 STATION INSPECTION REPORT
 SHEET 34 OF 61

INSPECTORS: WV, RGW

DATE: 12/16/02

RATINGS		PHOTO NO.	REMARKS:
NEW	PREV		
3		29	Span III, XII, XXII, XXIX, XXX, XXXII 5 - Typical spalled and cracked concrete.
2		36	Quad II, III, IV, VI-X Surface - Typical cracking, and uneven settlement
2		31	Quad II, III Fence - Typical bent and leaning fence
2		32	Quad III Surface - Typical sunken drain surrounded with cracks and uneven settlement
2		31	Quad III Curb - The timber curb is damaged
2		33	Quad IV Surface - The asphalt pavement exhibits two potholes filled with dirt and rocks
2		34	Quad IV Surface - Typical patched asphalt with ponding and surrounded with cracks
2		35	Quad IV Fence - Along the south side the fence is damaged and the retaining wall is collapsing into the parking area
2		36	Quad VI, VII-IX Landscape - Broken branches and accumulation of leaves in the parking area
3		38	Quad VII-IX Curb - The asphalt curbing is broken and missing in various locations
2		37	Quad IX Signage - The sign is up heaved from the ground
2		39	Quad VII-IX Fence - The metal wire fence is leaning
2		19	Quad VI Striping - The striping is faded.

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 35 OF 61

PHOTO NO. 1

Location: _____
North end of the
platform

Description: _____
General view of the
platform

Reference: _____
Looking south



PHOTO NO. 2

Location: _____
South end of the
platform

Description: _____
General view of the
platform

Reference: _____
Looking north



STATION: New Canaan

INSPECTORS: WW, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 36 OF 61

PHOTO NO. 3

Location: West of the station house

Description: General view of the station house

Reference: Looking east



PHOTO NO. 4

Location: West side of Quad I

Description: General view of Quad I

Reference: Looking southeast



STATION: New Canaan
INSPECTORS: JFS, WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 37 OF 61

PHOTO NO. 5

Location: West side of Quad I

Description: General view of Quad I

Reference: Looking northeast



PHOTO NO. 6

Location: Middle of Quad I

Description: General view of Quad I

Reference: Looking south



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 38 OF 61

PHOTO NO. 7

Location: Middle of Quad I

Description: General view of Quad I

Reference: Looking west



PHOTO NO. 8

Location: Middle of Quad I

Description: General view of Quad I

Reference: Looking north



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 39 OF 61

PHOTO NO. 9

Location:
Southwest corner of
Quad II

Description:
General view of Quad II

Reference:
Looking northeast



PHOTO NO. 10

Location:
Southeast corner of
Quad II

Description:
General view of Quad II

Reference:
Looking northwest



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 40 OF 61

PHOTO NO. 11

Location: South end of Quad III

Description: General view of Quad III

Reference: Looking North



PHOTO NO. 12

Location: Northwest corner of Quad III

Description: General view of Quad III

Reference: Looking Southeast



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 41 OF 61

PHOTO NO. 13

Location: West side of Quad IV

Description: General view of Quad IV

Reference: Looking east



PHOTO NO. 14

Location: East side of Quad IV

Description: General view of Quad IV

Reference: Looking west



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 42 OF 61

PHOTO NO. 15

Location: North end of Quad V

Description: General view of Quad V

Reference: Looking south



PHOTO NO. 16

Location: South end of Quad V

Description: General view of Quad V

Reference: Looking north



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 43 OF 61

PHOTO NO. 17

Location: West side of Quad VI

Description: General view of Quad VI

Reference: Looking east



PHOTO NO. 18

Location: East side of Quad VI

Description: General view of Quad VI

Reference: Looking west



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 44 OF 61

PHOTO NO. 19

Location: South side of Quad VI

Description: General view of Quad VI

Reference: Looking northwest



PHOTO NO. 20

Location: Lot 5

Description: General view of lot 5

Reference: Looking south



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 45 OF 61

PHOTO NO. 21

Location:
West side of Quad VII

Description:
General view of
Quad VII

Reference:
Looking east



PHOTO NO. 22

Location:
East side of Qaud VII

Description:
General view of
Quad VII

Reference:
Looking west



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 46 OF 61

PHOTO NO. 23

Location:
West side of Quad VIII

Description:
General view of
Quad VIII

Reference:
Looking east



PHOTO NO. 24

Location:
East side of Quad VIII

Description:
General view of
Quad VIII

Reference:
Looking west



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 47 OF 61

PHOTO NO. 25

Location: West side of Quad IX

Description: General view of Quad IX

Reference: Looking east



PHOTO NO. 26

Location: East side of Quad IX

Description: General view of Quad IX

Reference: Looking west



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 48 OF 61

PHOTO NO. 27

Location: West side of Quad X

Description: General view of Quad X

Reference: Looking east



PHOTO NO. 28

Location: East side of Quad X

Description: General view of Quad X

Reference: Looking west



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 49 OF 61

PHOTO NO. 29

Location: _____
Span III

Description: _____
Spalled and cracked
concrete 1'x1'x4"

Reference: _____
Looking West



PHOTO NO. 30

Location: _____
West side of Quad I

Description: _____
Ponding of water which
has frozen

Reference: _____
Looking West



STATION: New Canaan Station

INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 50 OF 61

PHOTO NO. 31

Location: East side of Quad III

Description: Leaning fence and timber curb

Reference: Looking North



PHOTO NO. 32

Location: Middle of Quad III

Description: Sunken drain surrounded by cracks and uneven asphalt

Reference: Looking down



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 51 OF 61

PHOTO NO. 33

Location: _____
Northeast corner of
Quad IV

Description: _____
Two potholes 3'x3' and
13'x9'

Reference: _____
Looking West



PHOTO NO. 34

Location: _____
East side of Quad IV

Description: _____
Patched asphalt with
ponding and cracking
around the perimeter

Reference: _____
Looking West



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 52 OF 61

PHOTO NO. 35

Location: South side of Quad IV

Description: Retaining wall and fencing is damaged and collapsing into the parking area

Reference: Looking South



PHOTO NO. 36

Location: Quad VIII

Description: Accumulation of leaves in the parking area, and uneven alignment and cracked asphalt

Reference: Looking West



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 53 OF 61

PHOTO NO. 37

Location: North side of Quad IX

Description: Uprooted sign

Reference: Looking East



PHOTO NO. 38

Location: Quad IX

Description: Typical missing, and cracking asphalt curb

Reference: Looking North



STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 54 OF 61

PHOTO NO. 39

Location: _____
West side of Quad VIII

Description: _____
Typical leaning metal
wire fence

Reference: _____
Looking southwest



PHOTO NO. _____

Location: _____

Description: _____

Reference: _____

PASTE PHOTO HERE

STATION: New Canaan
INSPECTORS: WV, RGW

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 55 OF 61

PHOTO NO. 40

Location:
platform

Description:
electrical service
enclosure

Reference:
Station Building
Service Section



STATION: New Canaan
INSPECTORS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 56 OF 61

PHOTO NO. 41

Location:
waiting room

Description:
waiting room
lighting

Reference:
Station Building
Lighting Section



PHOTO NO. 42

Location:
platform

Description:
platform lighting

Reference:
Platform Lighting
Section



STATION: New Canaan
INSPECTORS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 57 OF 61

PHOTO NO. 43

Location:
platform

Description:
platform lighting

Reference:
Platform Lighting
Section



PHOTO NO. 44

Location:
platform

Description:
platform lighting

Reference:
Platform Lighting
Section



STATION: New Canaan
INSPECTORS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 58 OF 61

PHOTO NO. 45

Location:
NEW CANAAN
STATION

Description:
Return air
grille in ceiling

Reference:
Mechanical



PHOTO NO. 46

Location:
NEW CANAAN
STATION

Description:
Handicapped and
water
conservation
toilet
Handicapped
accessible

Reference:
Mechanical



STATION: NEW CANAAN

INSPECTORS: J. Duncan & T. Abrahamson

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 59 OF 61

PHOTO NO. 47

Location:
NEW CANAAN
STATION

Description:
Two air cooled
condensers
located outdoors

Reference:
Mechanical



PHOTO NO. 48

Location:
NEW CANAAN
STATION

Description:
Heating & Cooling
unit and oil
tank in basement

Reference:
Mechanical



STATION: NEW CANAAN
INSPECTORS: J. Duncan & T. Abrahamson

CONN. DEPT OF TRANSPORTATION
STATION INSPECTION REPORT
SHEET 60 OF 61

PHOTO NO. 49

Location: NEW CANAAN
STATION

Description: Station Name

Reference: Mechanical



PHOTO NO. _____

Location: _____

Description: _____

Reference: _____

STATION: NEW CANAAN

INSPECTORS: J. Duncan & T. Abrahamson

New Canaan Station

Description	Units	Quantity	Price / Unit	Total Cost
Filling in cracked asphalt	ft	477.00	\$2.00	\$954.00
<u>Replace asphalt curb</u>				
-Removal of curb	yd ³	1.00	\$80.00	\$80.00
-Replacing curb	ft	36.00	\$22.00	\$792.00
<u>Replacing asphalt pavement</u>				
-Removal of asphalt	yd ³	5300.00	\$22.00	\$116,600.00
-6" top course and binder course	yd ²	14700.00	\$25.00	\$367,500.00
-7" aggregate base	yd ³	2780.00	\$20.00	\$55,600.00
Replace fence	ft	455.00	\$48.00	\$21,840.00
Install fire alarm pull stations	EACH	2.00	\$138.00	\$276.00
fixed heat detector	EACH	1.00	\$289.00	\$289.00
Add luminaires in the waiting room *	EACH	3.00	\$500.00	\$1,500.00
Estimated cost for portable extinguishers on brackets	EACH	2.00	\$300.00	\$600.00
Miscellaneous (signs, timber curb, and etc.)	LS	-	-	\$1,000.00
Mobilization / Demobilization (10%)				\$56,603.10
Sub-total				\$623,634.10
Contingency (20%)				\$124,726.82
Grand Total				\$748,360.92
Say				\$750,000.00

* The quantity of lobby luminaires required to bring lighting up to recommended levels is an order-of-magnitude estimate. Performance of a lighting design is required to develop a precise quantity estimate.