

# Roof Drainage System Inspection Checklist

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## General Information

Details about the project and inspector.

### Project Name

Write something...

### Project Address

Write something...



### Inspection Date

Enter date...

### Inspection Time

Enter time...

### Inspector Name

Write something...

### Inspector Company

Write something...

### Project Phase (e.g., Framing, Roofing)

Enter a number...

### Weather Conditions

- Clear
- Rain
- Snow
- Cloudy

# Roof Plan Review

Verification of the drainage system against approved roof plans and specifications.

**Describe the roof drainage plan details (e.g., gutter size, downspout locations, scupper placement)**

Write something...

**Upload a copy of the approved roof drainage plan.**

 Upload File

**Does the installed drainage system match the approved plan?**

- Yes
- No
- Minor Discrepancies
- Not Reviewed

**Gutter Size (as per plan):**

Enter a number...

**Number of Downspouts (as per plan):**

Enter a number...

**Are downspout locations as per plan?**

- Yes
- No
- N/A

**If discrepancies exist, please detail them here:**

Write something...

## Gutters & Downspouts - Visual Inspection

Assessment of gutters and downspouts for physical damage and proper alignment.

**Gutter Sagging/Deformation?**

- No
- Minor
- Moderate
- Severe

### **Gutter/Downspout Alignment?**

- Properly Aligned
- Slightly Misaligned
- Significantly Misaligned

### **Gutter/Downspout Damage (linear feet)**

Enter a number...

### **Description of any visible damage (e.g., cracks, dents)**

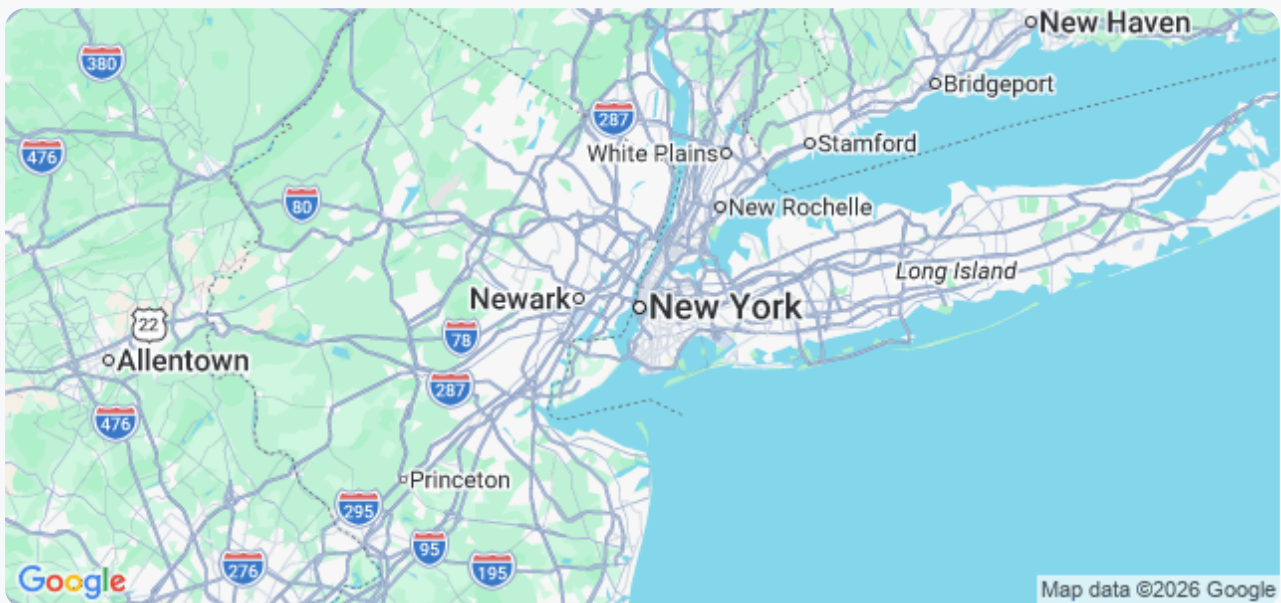
Write something...

### Evidence of previous repairs?

- No
- Yes, Minor
- Yes, Significant

### Location of observed damage (GPS coordinates)

 [Set My Current Location](#)



## Gutters & Downspouts - Debris & Flow

Evaluation of debris accumulation and proper water flow through the gutter system.

### Type of Debris Observed (Check all that apply)

- Leaves
- Twigs/Branches
- Dirt/Sediment
- Pine Needles
- Animal Nests
- Other (Specify in LONG\_TEXT)

**If 'Other' Debris selected, please specify:**

Write something...

**Water Flow Condition**

- Free-Flowing
- Restricted
- Blocked

**Describe any observed flow restrictions:**

Write something...

**Estimated Debris Volume (Cubic Feet)**

Enter a number...

**Gutter Slope Verification**

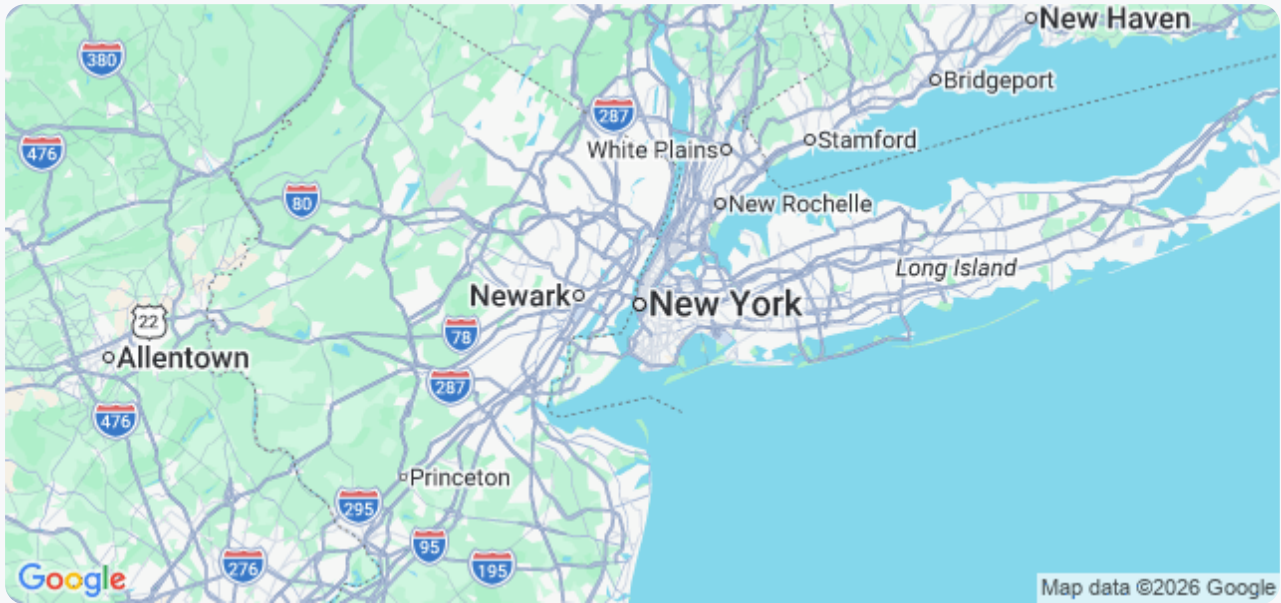
- Within Specified Tolerance
- Slightly Low
- Significantly Low

# Downspout Discharge & Grading

Verification of downspout discharge points and surrounding ground grading.

## Downspout Discharge Point 1 Location (GPS)

 [Set My Current Location](#)



## Distance from Downspout to Foundation (ft)

Enter a number...

### Discharge Method

- Surface Drainage
- Underground Pipe
- Dry Well
- Other (Specify)

If 'Other' discharge method, please describe:

Write something...

Slope of Grading Away from Foundation (%),

Enter a number...

Evidence of Erosion/Water Pooling?

- Yes
- No

If Yes, describe location and severity of erosion/pooling.

Write something...

Photo of Downspout Discharge & Grading

 Upload File

# Roof Scuppers (if applicable)

Inspection of roof scuppers for blockages and proper function.

## Scupper Location(s) Verified?

- Yes, all locations
- Yes, some locations (specify below)
- No

## Specify Scupper Locations (if 'Yes, some locations' selected)

Write something...

## Scupper Condition - Debris?

- No Debris
- Minor Debris (easily removed)
- Significant Debris (requires cleaning)
- Blocked

## Scupper Outlet Size (inches)

Enter a number...

### Scupper Screen/Guard Present?

- Yes
- No

### Screen/Guard Condition?

- Excellent
- Good
- Fair
- Poor - Recommend Replacement

### Comments Regarding Scupper Inspection

Write something...

## Internal Drains (if applicable)

Inspection of internal drainage systems for functionality and blockages.

### Drain Type?

- Sump Pump
- Gravity Drain
- Other

### Drain Capacity (GPM)

Enter a number...

### Description of Drain Location

Write something...

### Drain Functioning Properly?

Yes

No

N/A

### If 'No', Describe Drainage Issues

Write something...

### Upload Photo of Internal Drain (if issues present)

 Upload File

### Drainage Flow Rate (Gallons/Minute)

Enter a number...

## Connections & Joints

Assessment of gutter, downspout, and scupper connections for leaks and integrity.

### Gutter-to-Gutter Connections: Condition

- Excellent
- Good
- Fair
- Poor

### Downspout-to-Gutter Connections: Condition

- Excellent
- Good
- Fair
- Poor

### Downspout-to-Foundation/Ground Connections: Condition

- Excellent
- Good
- Fair
- Poor

### Number of Leaks Observed (if any)

Enter a number...

### Detailed Description of Leak Locations/Concerns

Write something...

### Connection Type (e.g., Rivet, Clamp, Soldered)

- Rivet
- Clamp
- Soldered
- Other

### Notes on Connection Material Integrity (corrosion, cracking)

Write something...

## Material Condition

Evaluation of the condition of gutter, downspout, and scupper materials (rust, corrosion, damage).

### Gutter Material Type

- Aluminum
- Steel
- Copper
- Vinyl
- Other (Specify in LONG\_TEXT)

**If 'Other' material, please specify:**

Write something...

**Evidence of Rust/Corrosion (Gutters)**

- None
- Minor
- Moderate
- Severe

**Percentage of Gutter Surface with Rust/Corrosion**

Enter a number...

**Evidence of Damage (Gutters)**

- None
- Dents
- Cracks
- Sagging
- Separation at Joints

## Photo Evidence of Material Degradation

 Upload File

## Downspout Material Type

- Aluminum
- Steel
- PVC
- Other (Specify in LONG\_TEXT)

If 'Other' downspout material, please specify:

Write something...

# Summary & Recommendations

Overall assessment and suggested corrective actions.

## Overall Assessment Summary

Write something...

### Severity Rating (1-5, 1=Minor, 5=Critical)

Enter a number...

### Detailed Recommendations

Write something...

### Recommended Actions (Select all that apply)

- Gutter Cleaning
- Downspout Cleaning
- Gutter Repair/Replacement
- Downspout Repair/Replacement
- Scupper Repair/Replacement
- Ground Grading Adjustment
- Further Investigation Required
- No Action Required

### Recommended Completion Date

Enter date...

### Responsible Party (for corrective actions)

Write something...

**Inspector Signature**

**Notes (additional comments)**

Write something...