

**MALCOLM  
PIRNIE****FACSIMILE TRANSMITTAL**

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**OF:** NUDEC  
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# Onondaga Soil Testing

**OST****MATERIAL TESTING AND ANALYSIS**

6309 GIRDEN RD., SYRACUSE, N.Y. 13057 - 315-656-7211

SUBSURFACE INVESTIGATION REPORT

ON

PROPOSED  
TEST SITES FOR  
STORM SEWER EFFLUENT  
BINGHAMTON PHOTO PLANT  
BINGHAMTON, NEW YORK

FOR

GAF CORPORATION  
PURCHASING DEPARTMENT  
BLDG. 43 CHARLES STREET  
BINGHAMTON, NEW YORK 13902

BY

ONONDAGA SOIL TESTING, INC.  
6309 GIRDEN ROAD  
EAST SYRACUSE, NEW YORK 13057

## Onondaga Soil Testing

**OS****MATERIAL TESTING AND ANALYSIS**

6909 GIRDEN RD., SYRACUSE, N.Y. 13057 - 315-656-7211

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4,000 psf at the bottom of the footings. Strip and/or wall footings should be a minimum of two feet (2') wide.

In the area of test hole #7 where there does not appear to be any gravel material, it is suggested that the foundations be excavated to a depth of eight feet (8') below existing grade with compacted gravel being placed in one (1) foot lifts to a depth of four feet (4') below existing grade.

In this area, no ground water was noted and therefore should not present a problem.

### SITE "C" - North Parking Lot

Generally the site has been extensively filled with a variety of material in order to place a parking lot in this area. The fill slopes generally in an east-west direction with the maximum depth of fill at test holes #8, #11 and #14, and the minimum depth of fill at test holes #10, #13 and #16. The maximum depth of fill is at test hole #8 and is over twenty-one feet (21') below existing ground surface. The minimum depth of fill is approximately three feet.

If construction is contemplated in this area, it is suggested that the structure be located near test holes #10, #13, #15 and #16 where excavations to virgin soils would be a minimum. Structures in this area should be kept relatively light and only one or two (1 or 2) stories.

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*unless footings are carried to the dense to very dense sand and gravel layers.*

*Structures located at other areas of this site would require extensive foundation work, such as piling or caissons for large significant buildings or controlled compacted gravel blankets for relatively light one and two story buildings.*

*If you have any questions regarding the above, or if I may be of further service, please feel to contact me at your convenience.*

*Very truly yours,*

ONONDAGA SOIL TESTING, INC.



A. Richard St. Germain, P.E.

RSG/fd



















