

# ***DRAINAGE STATEMENT***

*For*



**Manasquan Bank**

**Proposed Site Improvements**

**Block 114, Lots 24, 25, 26 & 66  
429 Main Street (CR 531)  
Borough of Metuchen, Middlesex County, New Jersey**

Prepared by:



**DYNAMIC  
ENGINEERING**

8 Robbins Street  
Suite 102  
Toms River, NJ 07719  
(732) 974-0198



---

**Kyle C. Kavinski, PE**  
NJ Professional Engineer License #52985

February 2021  
DEC # 0036-99-007

**TABLE OF CONTENTS**

<b><u>Section</u></b>	<b><u>Page</u></b>
Drainage Summary.....	2

**APPENDIX**

USGS Map  
Aerial Map

## **I. Drainage Summary**

This Drainage Statement has been prepared to define and analyze the stormwater drainage conditions that would occur as a result of the redevelopment of Block 114, Lots 24, 25, 26 & 66, as shown on Tax Map Sheet No. 33, in the Borough of Metuchen, Middlesex County, New Jersey. The subject site consists of 0.37 acres (15,889 SF) and is located at 429 Main Street (CR 531).

Presently, the site is developed as a Manasquan Savings Bank and Administrative Offices, consisting of a two-story masonry building with a paved parking area and additional associated amenities. Under existing conditions, the site has impervious coverage of 94.0% (14,936 SF).

The proposed development consists of removing the existing building for the construction of a new Metuchen Bank building with a separated Drive-Thru banking facility. Additional site improvements include concrete sidewalks including a new pedestrian access walkway from the parking area to Main Street, parking lot restriping, lighting, landscaping and the construction of a masonry wall along the New Street frontage to provide enhancement to the Borough Streetscape. The proposed development will result in an increase in 127 SF of impervious coverage.

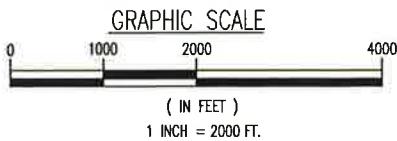
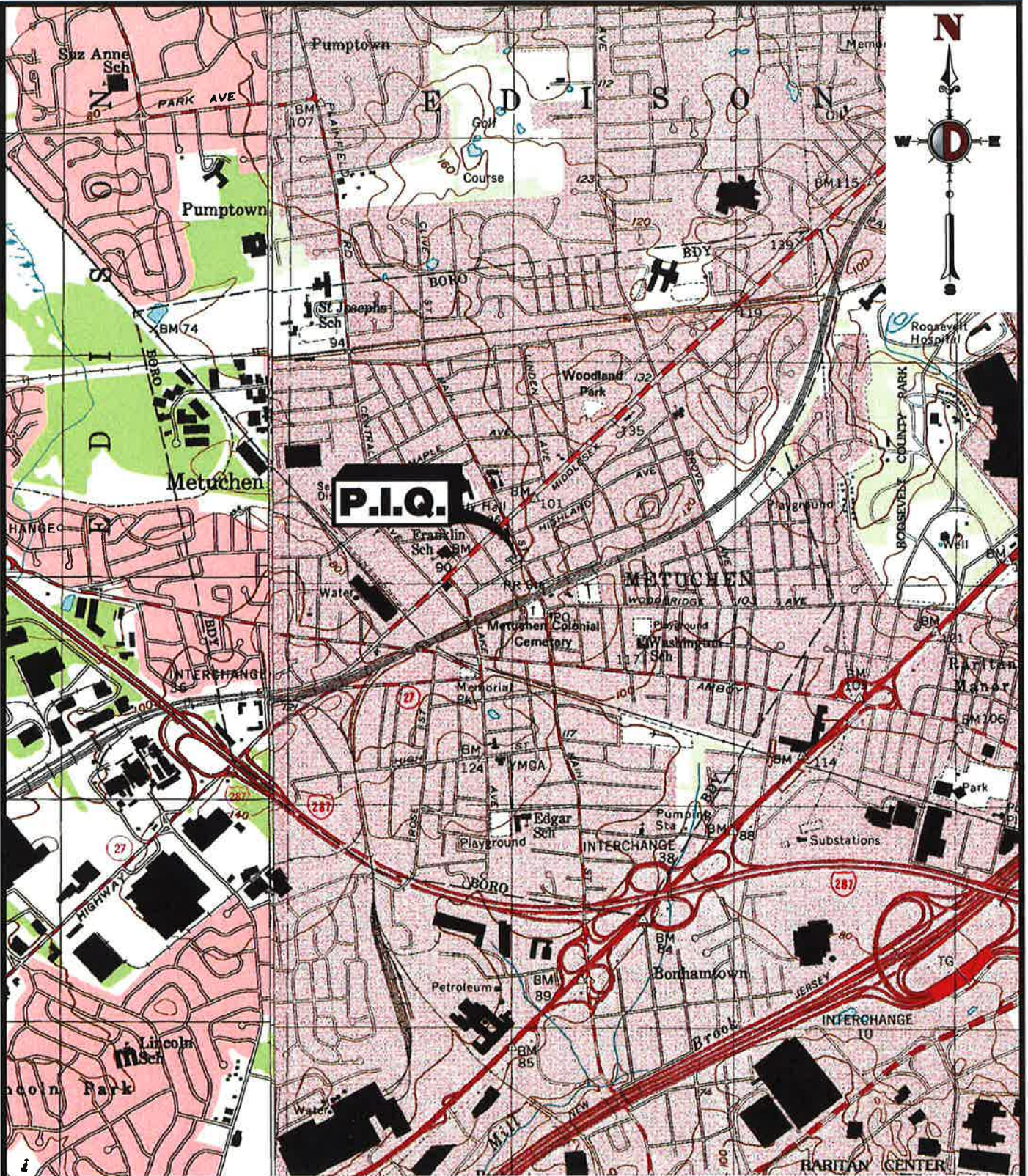
The project consists of less than one (1) acre of disturbance and will not increase the impervious coverage on-site by  $\frac{1}{4}$  acre or more. Therefore, the proposed project does not meet the definition of a 'major development' and is not subject to the NJDEP Stormwater Management Rules (NJAC 7:8). The proposed development will increase the existing impervious surfaces on site by 127 SF (0.003 Ac). The increase in impervious coverage is de minimis in nature and is unlikely to impact offsite stability of soil and related resources. Therefore, the proposed project is not subject to the New Jersey Standards for Soil Erosion and Sediment Control runoff rate reduction requirements.

Currently, stormwater runoff from the is subject site drains to New Street via overland flow where it is collected by the existing stormwater management facilities therein or is collected by the existing stormwater conveyance system within the adjacent Metuchen Station Lot 10 and is routed to existing stormwater management facilities within New Street.

The proposed project has been designed to maintain the existing drainage patterns. The proposed project has been designed to ensure safe and efficient control of the stormwater runoff in a manner that will not adversely impact the existing drainage patterns, adjacent roadways, or adjacent parcels. Additionally, the small increase in the impervious coverage on-site will not significantly increase the peak stormwater runoff rates from the parcel. We anticipate that the subject project will not impact the existing drainage infrastructure located within New Street or the surrounding area.

## **APPENDIX**

**USGS MAP**

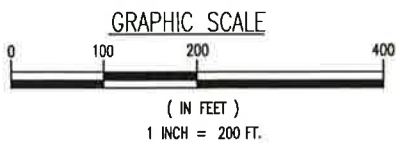


**KEY MAP**  
**1" = 2000'**



1904 Main Street - Lake Como, NJ 07719  
T: 732.974.0198 - F: 732.974.3521  
[www.dynamiccc.com](http://www.dynamiccc.com)

## AERIAL MAP



# AERIAL MAP

## 1" = 200'



1904 Main Street - Lake Como, NJ 07719  
T: 732.974.0198 - F: 732.974.3521  
[www.dynamiccec.com](http://www.dynamiccec.com)