

STONEFIELD

FLOOD ZONE MEMO

**PROPOSED COMMERCIAL DEVELOPMENT
BLOCK 701, LOT 1
TOWNSHIP OF NEPTUNE
MONMOUTH COUNTY, NEW JERSEY**

PREPARED FOR:

M & M NEPTUNE, LLC

PREPARED BY:

**STONEFIELD ENGINEERING & DESIGN, LLC
DECEMBER 29, 2020
PRI-200142**



**JEFFREY A. MARTELL, PE
NJ PROFESSIONAL ENGINEER LICENSE # 47290**

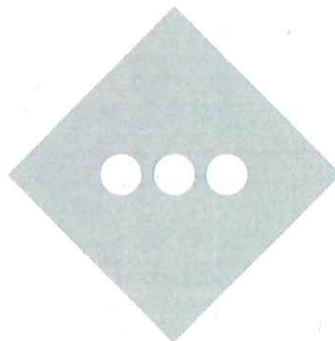
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PROJECT FLOOD ZONE

The property to be developed (Block 701 Lot 1) in Neptune Township can be found on the FEMA FIRM Panel 34025C0331F, effective date September 25, 2009. Per this panel a portion of the lot is within the AE zone and X zone. The AE zone represents areas that are subject to inundation by the 1% annual chance flood, and contains a base flood elevation determined by FEMA. Zone X are areas of 0.2% annual chance flood: areas of 1% annual chance flood with average depths of less than one foot or with drainage areas less than one square mile; and areas protected by levees from 1% annual chance flood. The lot also contains a floodway area within the AE zone. This floodway area is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood height.

The project will be submitted to the NJDEP for verification of the Flood Hazard Area Line shown on the plan, for the driveway connection which crosses the flood hazard area along the north edge of Route 35 and for the proposed sanitary main and manhole located in the same area. All work aside from the aforementioned driveway connection and sanitary sewer improvements will be kept outside of the Flood Zones mentioned. Included with this memo is a copy of the FEMA FIRMette showing the project lot.



National Flood Hazard Layer FIRMette

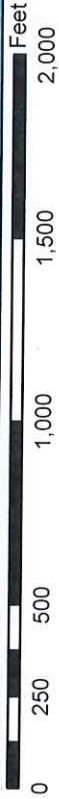


74°21'19"W, 40°13'41"N



USGS The National Map: Orthoimagery, Data refreshed April 2020

74°14'2"W, 40°13'13"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

| | | | | | |
|--|---|--|--|--|--|
| <p>SPECIAL FLOOD HAZARD AREAS</p> <ul style="list-style-type: none"> Without Base Flood Elevation (BFE) Zone A, V, A99 With BFE or Depth Zone AE, AO, AH, VE, AR Regulatory Floodway | <p>OTHER AREAS OF FLOOD HAZARD</p> <ul style="list-style-type: none"> 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X Future Conditions 1% Annual Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee See Notes Zone X Area with Flood Risk due to Levee Zone D | <p>OTHER AREAS</p> <ul style="list-style-type: none"> Area of Minimal Flood Hazard Zone X Effective LOMRs Area of Undetermined Flood Hazard Zone D | <p>GENERAL STRUCTURES</p> <ul style="list-style-type: none"> Channel, Culvert, or Storm Sewer Levee, Dike, or Floodwall | <p>OTHER FEATURES</p> <ul style="list-style-type: none"> Cross Sections with 1% Annual Chance Water Surface Elevation Coastal Transsect Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary Coastal Transsect Baseline Profile Baseline Hydrographic Feature | <p>MAP PANELS</p> <ul style="list-style-type: none"> Digital Data Available No Digital Data Available Unmapped |
|--|---|--|--|--|--|



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/16/2020 at 3:02 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

