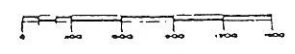
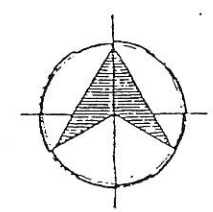
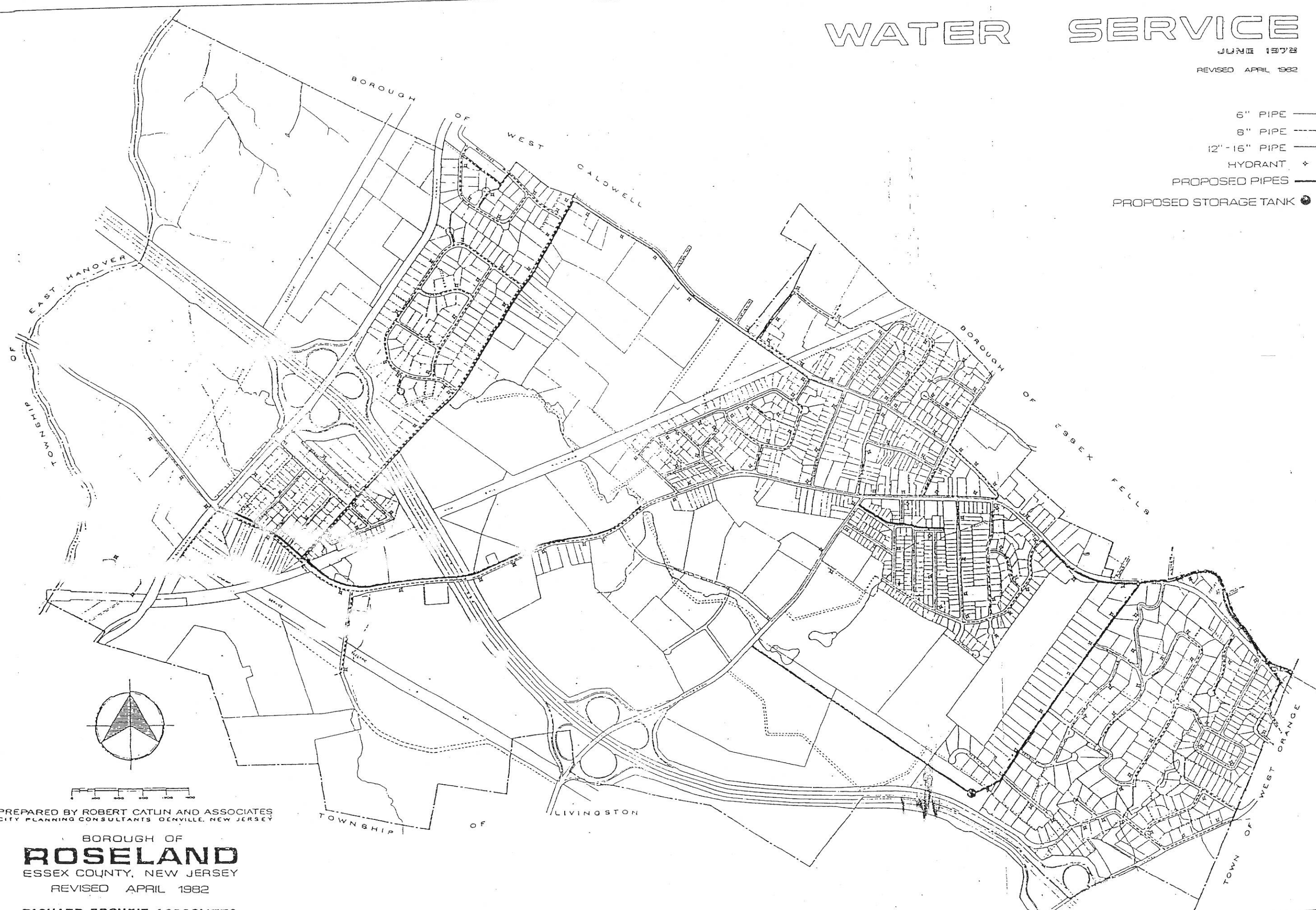


# WATER SERVICE

JUNE 1978

REVISED APRIL 1982

- 6" PIPE ———
- 8" PIPE - - - -
- 12" - 16" PIPE ———
- HYDRANT +
- PROPOSED PIPES ———
- PROPOSED STORAGE TANK ●



PREPARED BY ROBERT CATLIN AND ASSOCIATES  
CITY PLANNING CONSULTANTS OENVILLE, NEW JERSEY

BOROUGH OF  
**ROSELAND**  
ESSEX COUNTY, NEW JERSEY  
REVISED APRIL 1982

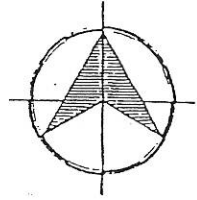
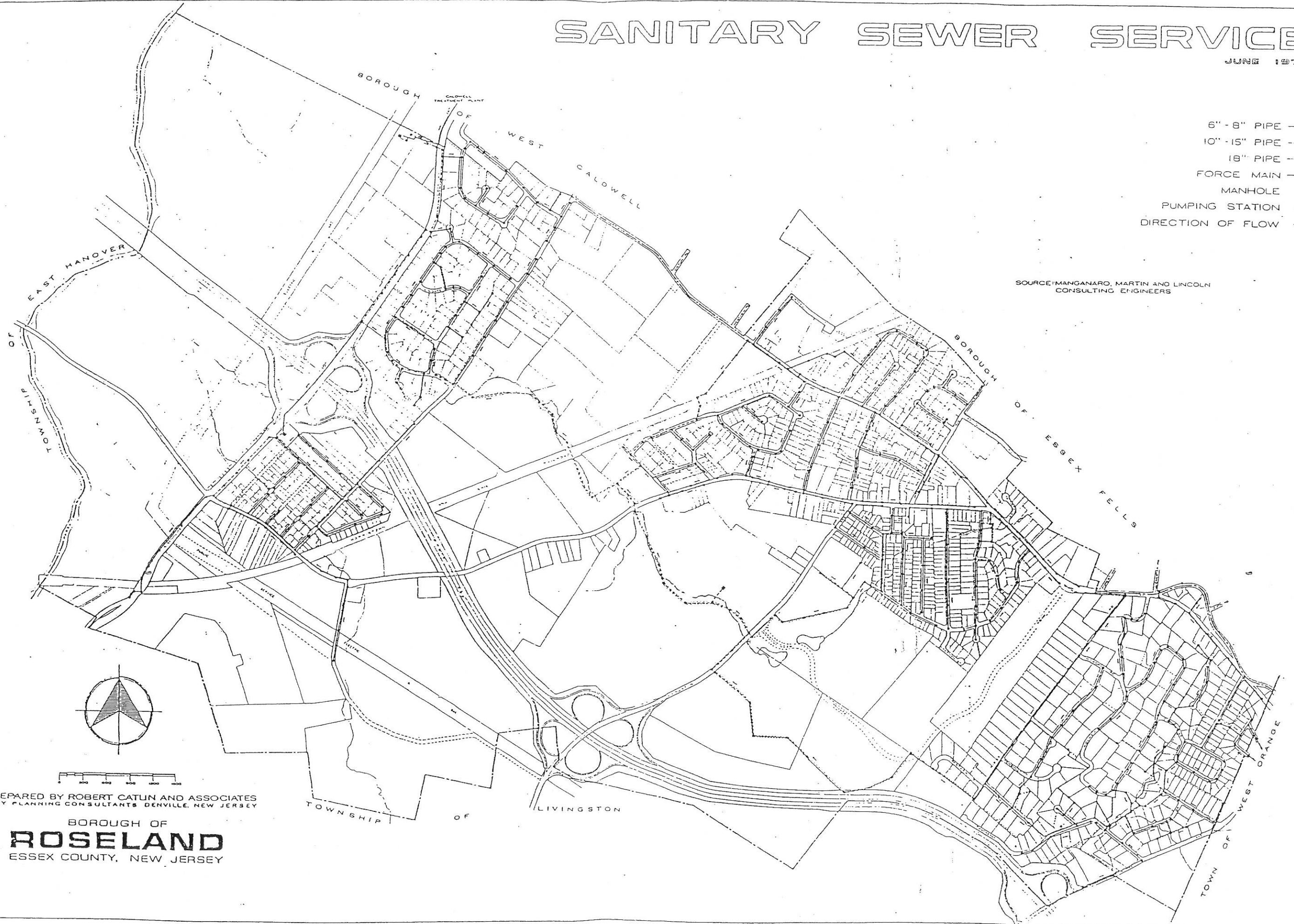
**RICHARD BROWNE ASSOCIATES**  
PROFESSIONAL DESIGN AND PLANNING CONSULTANTS

# SANITARY SEWER SERVICE

JUNE 1978

- 6" - 8" PIPE ———
- 10" - 15" PIPE - - - - -
- 18" PIPE - · - · - ·
- FORCE MAIN ———
- MANHOLE ·
- PUMPING STATION ■
- DIRECTION OF FLOW - - - - -

SOURCE: MANGANARO, MARTIN AND LINCOLN  
CONSULTING ENGINEERS








PREPARED BY ROBERT CATLIN AND ASSOCIATES  
CITY PLANNING CONSULTANTS DENVER, NEW JERSEY

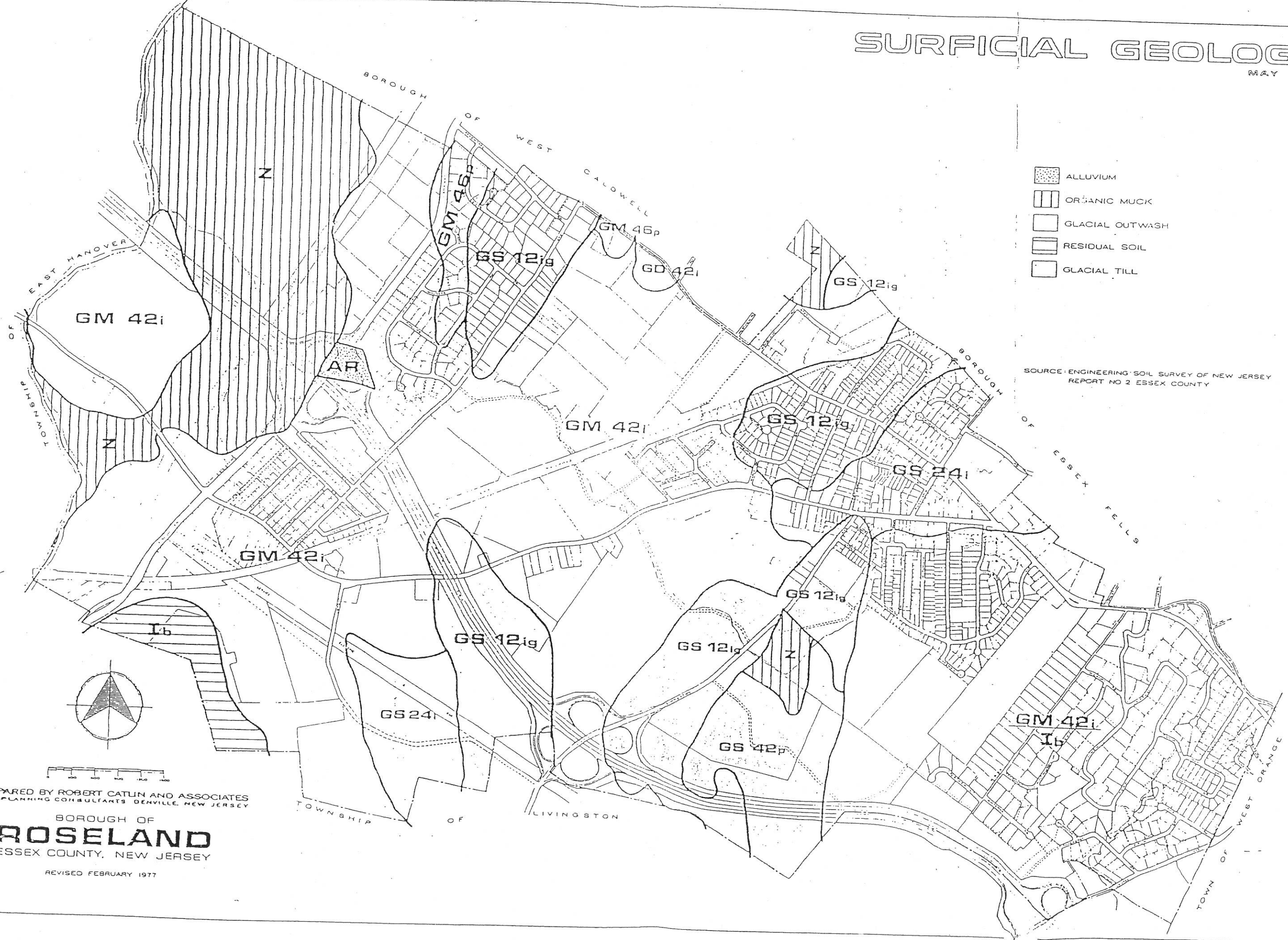
BOROUGH OF  
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ESSEX COUNTY, NEW JERSEY

# SURFICIAL GEOLOGY

MAY 1978

-  ALLUVIUM
-  ORGANIC MUCK
-  GLACIAL OUTWASH
-  RESIDUAL SOIL
-  GLACIAL TILL

SOURCE: ENGINEERING SOIL SURVEY OF NEW JERSEY  
REPORT NO 2 ESSEX COUNTY



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BOROUGH OF  
**ROSELAND**  
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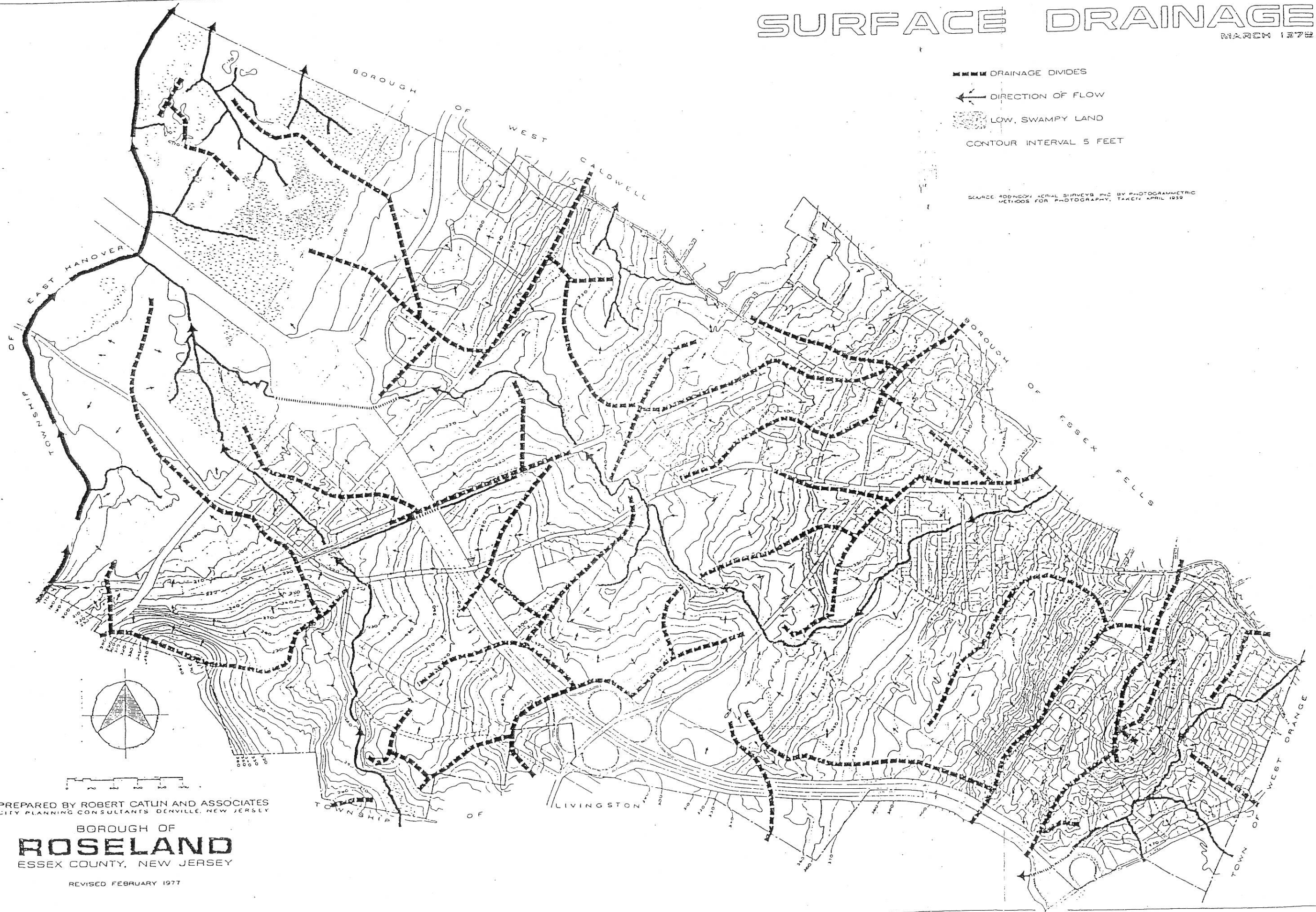
REVISED FEBRUARY 1977

# SURFACE DRAINAGE

MARCH 1978

- DRAINAGE DIVIDES
- ← DIRECTION OF FLOW
- ▨ LOW, SWAMPY LAND
- CONTOUR INTERVAL 5 FEET

SOURCE: ROBINSON AERIAL SURVEYS, INC. BY PHOTOGRAMMETRIC METHODS FOR PHOTOGRAPHY, TAKEN APRIL 1959



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CITY PLANNING CONSULTANTS, DENVER, NEW JERSEY

BOROUGH OF  
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