

PROJECT LOCATION

REQUIRED DRAINAGE CALCULATIONS

ENTIRE ROOF AREA = 204 S.F. x (1.25"/(12"/1')) = 21.25 CUBIC FT. STORAGE REQUIRED

1 CHAMBERS/ROW X 7.00' LONG + 1.00' ROW ADJUSTMENT = 8.00' ROW LENGTH + 12.0" END STONE X 2 = 10.00' BASE LENGTH

1 ROWS X 47.0" WIDE + 12.0" SIDE STONE X 2 = 5.92' BASE WIDTH

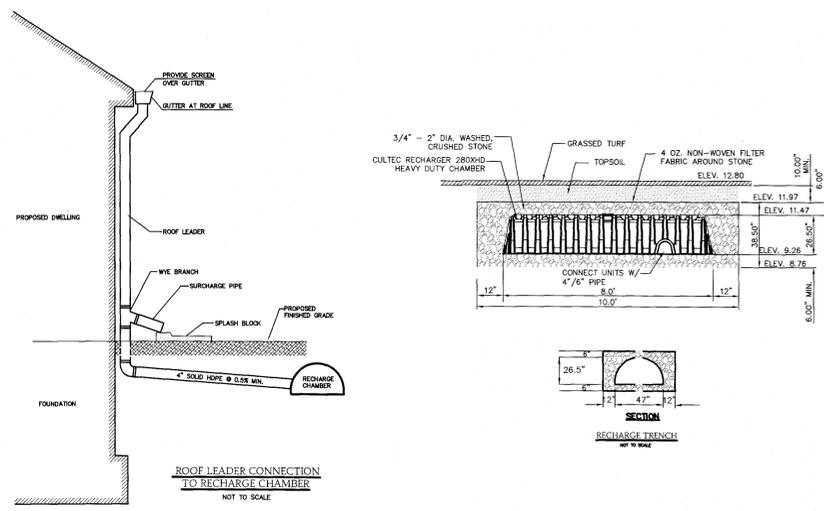
6.0" BASE + 26.5" CHAMBER HEIGHT + 6.0" COVER = 3.21' FIELD HEIGHT

1 CHAMBERS X 42.55 CF + 1.00' ROW ADJUSTMENT X 6.07 S.F. X 1 ROWS = 48.6 CF CHAMBER STORAGE

189.61 CF FIELD - 48.6 CF CHAMBERS = 141.3 CF STONE X 40.0% VOIDS = 56.5 CF STONE STORAGE

CHAMBER STORAGE + STONE STORAGE = 105.1 CF = 0.002 AF
OVERALL STORAGE EFFICIENCY= 55.4%

1 CHAMBERS
7.0 CY FIELD
5.2 CY STONE



GENERAL NOTES

PROPERTY ID KNOWN AS BLOCK 16, LOT 8.01 AS SHOWN ON THE OFFICIAL TAX MAPS OF THE BOROUGH OF BRADLEY BEACH, MONMOUTH COUNTY, NEW JERSEY.

PROPERTY IS LOCATED IN THE R-1 RESIDENTIAL ZONE AND CONTAINS A TOTAL OF 0.1148± ACRES (5,000 S.F.)

APPLICANT: DON GREENBERG
7 LYLE STREET
PRINCETON, N.J. 08542

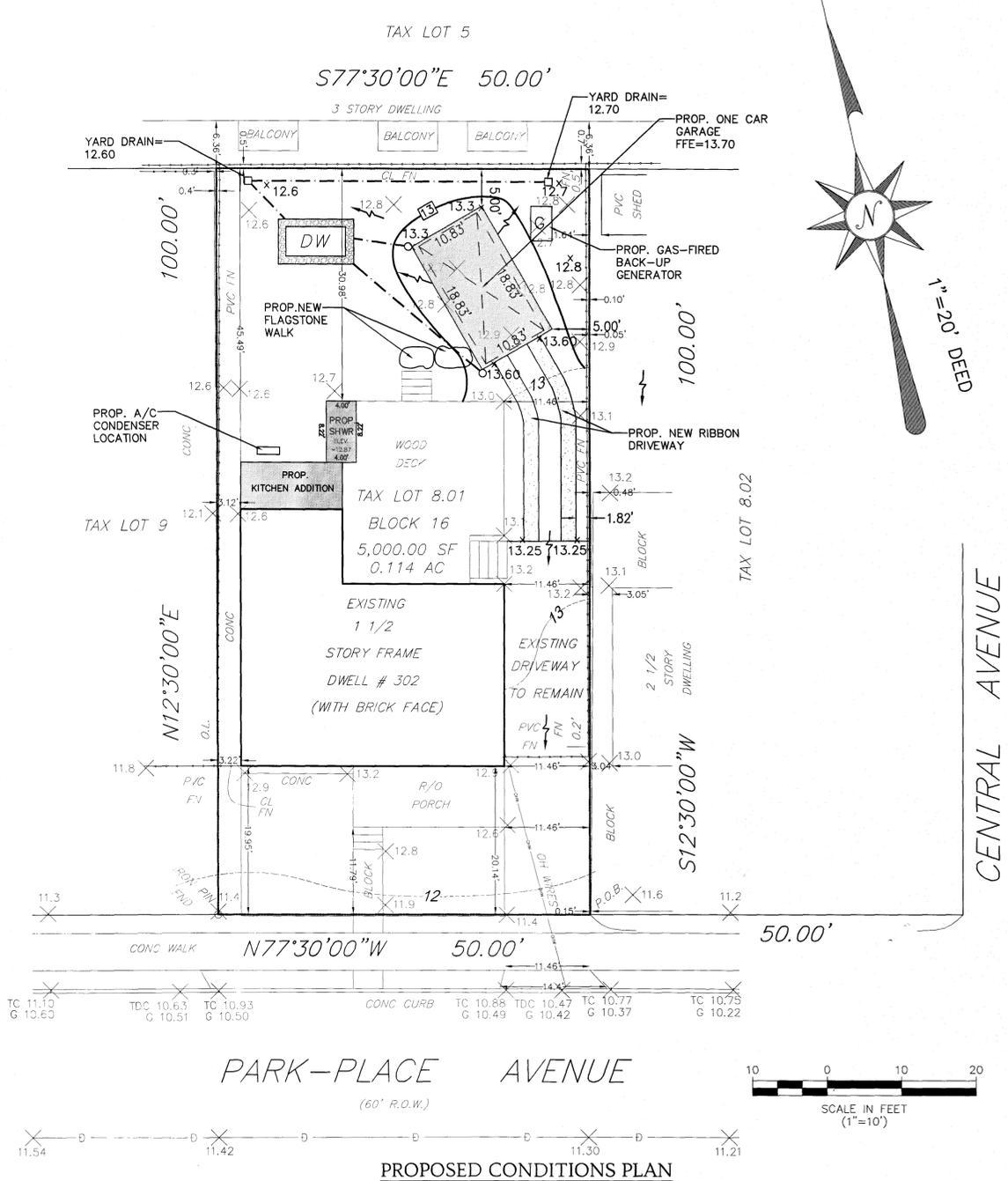
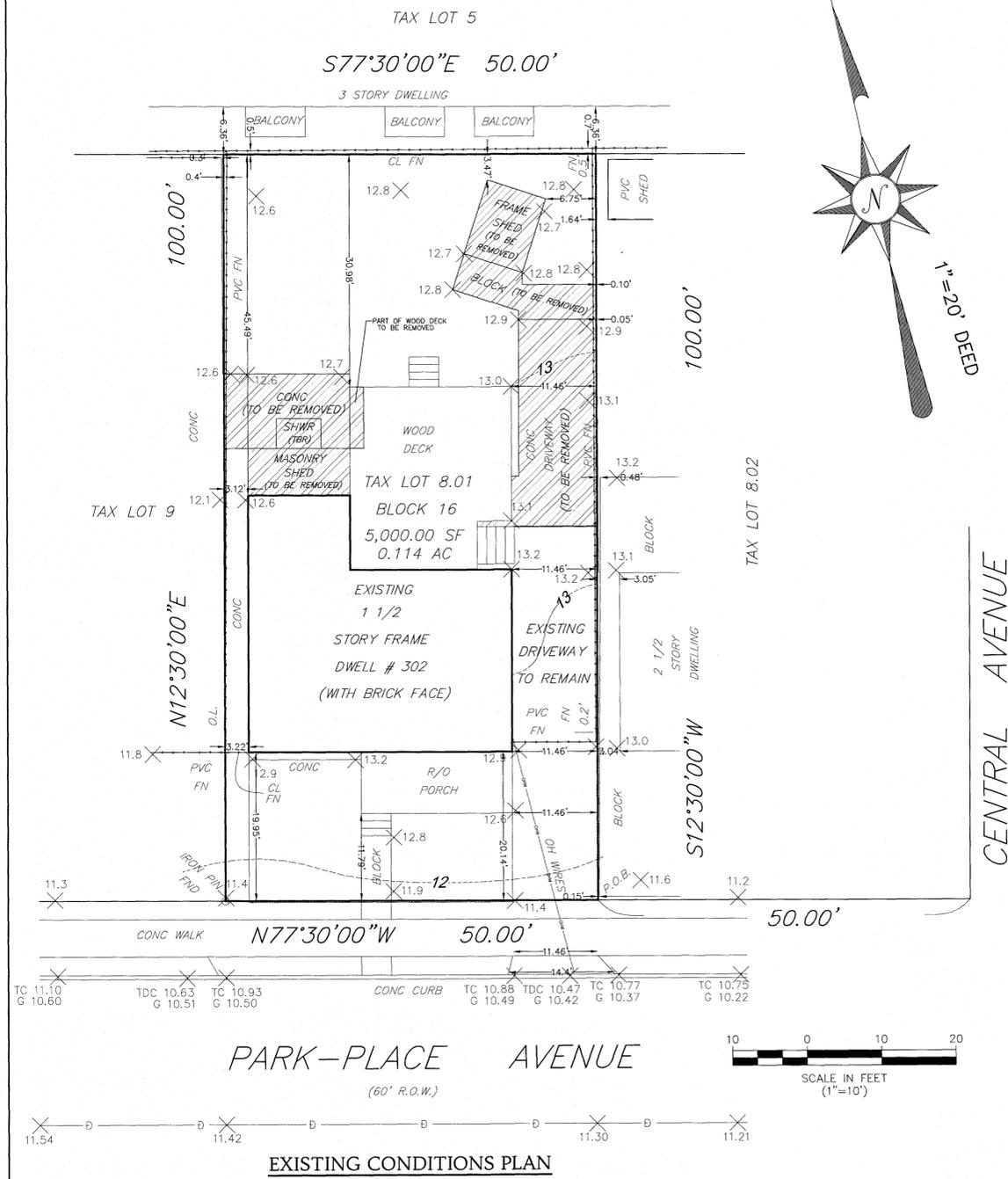
APPLICANT PROPOSES TO CONSTRUCT A NEW GARAGE, DRIVEWAY & DRYWELL SYSTEM.

PLAN NOTES

- EXISTING SEWER AND WATER SERVICES TO REMAIN AND TO BE REUSED.
- ELEVATIONS BASED ON NAVD 88 DATUM.
- AVERAGE TOP CURB ELEVATION ALONG PROPERTY FRONTAGE = 10.78
- PROPERTY IS LOCATED OUTSIDE OF ANY FLOOD ZONE.

BOUNDARY & TOPOGRAPHIC INFORMATION TAKEN FROM A SURVEY PREPARED BY F P & L ASSOCIATES, INC, DATED 1/7/2024.

BUILDING INFORMATION TAKEN FROM ARCHITECTURAL PLANS PREPARED BY DEC ARCHITECT DATED 09/27/2023.



REV. NO.	DATE	DESCRIPTION

GRADING & DRAINAGE PLAN

**302 PARK PLACE
BLOCK 16 - LOT 8.01
FOR DON GREENBERG**

**BOROUGH OF BRADLEY BEACH
MONMOUTH COUNTY, NEW JERSEY**

KBA ENGINEERING SERVICES LLC
Engineering | Planning

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Certificate of Authority No.: 24C2822000

DRN SH	CHK JJK
PROJECT NO. 2022-409	
SCALE AS SHOWN	
DATE 02/15/2024	
SHEET 1 OF 1	

JOSEPH J. KOCIUBA, P.E., P.P.
P.E. License No.: GE45850