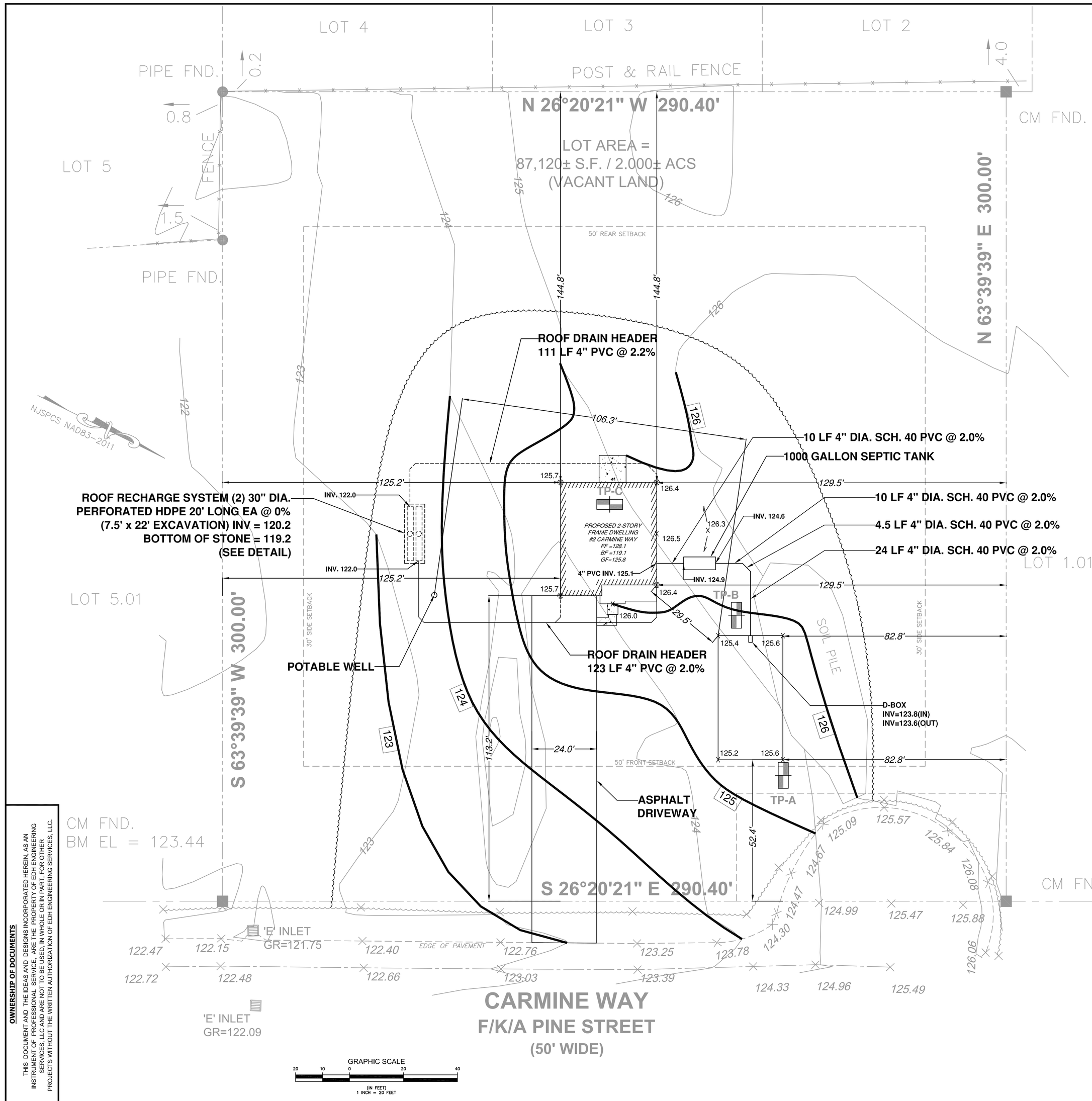
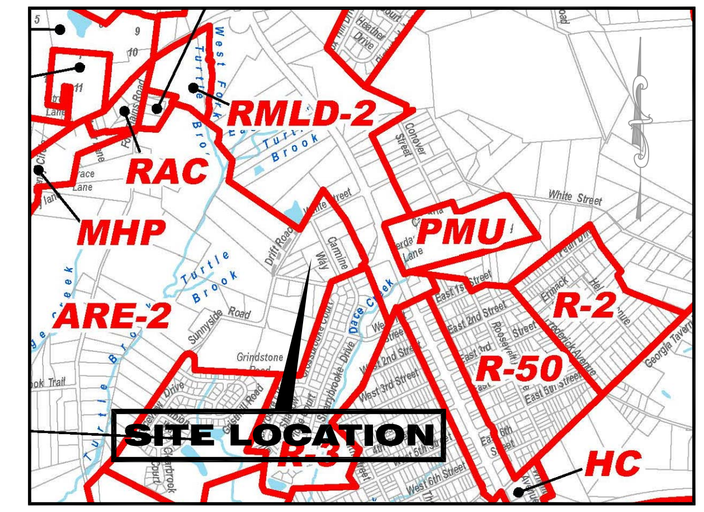
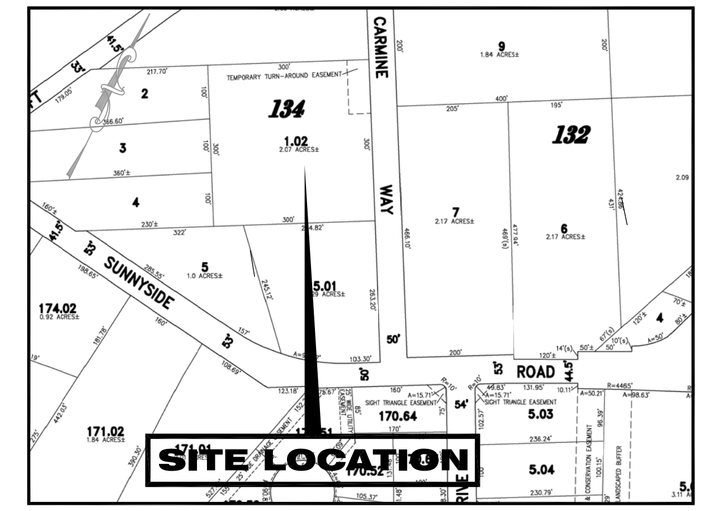




ZONE MAP

ARE-2 AGRICULTURAL RURAL ESTATE
SCALE: 1"= 1,500'



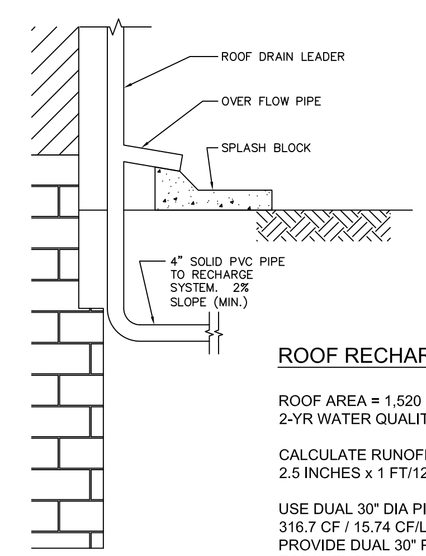
TAX MAP

SHEET 7.20; DATED 06/21/2005
SCALE: 1"= 200'

ARE-2 ZONING REQUIREMENTS

DESCRIPTION	REQUIRED	PROVIDED
MIN. LOT AREA	87,120 S.F.	13,360 S.F.
MIN. LOT WIDTH	200 FT.	290.4 FT.
MIN. LOT DEPTH	200 FT.	300.0 FT.
MIN. FRONT YARD SETBACK	50 FT.	113.2 FT.
MIN. SIDE YARD SETBACK (EACH)	30 FT.	125.2 FT.
MIN. REAR YARD SETBACK	50 FT.	144.8 FT.
MAX. LOT COVERAGE (ALL IMPERV)	15%	5.5%
MAX. BUILDING COVERAGE	12%	1.8%
MAX. BUILDING HEIGHT	35 FT.	< 35 FT.
OFF-STREET PARKING (4 BDRMS)	2.5 SPACES	3 SPACES (1)

(1) 1 PARKING SPACE WITHIN GARAGE, 2 IN DRIVEWAY



ROOF DRAIN DETAIL
N.T.S.

GENERAL NOTES:

1. PROPERTY IS DESIGNATED AS BLOCK 134; LOT 1.02 CONSISTING OF 87,120 SF (2.0 AC) LOCATED ALONG AND TO THE SOUTH OF CARMINE WAY IN THE TOWNSHIP OF HOWELL AS DEPICTED ON TAX MAP SHEET 7.2.
2. PROPERTY SURVEY, EXISTING CONDITIONS AND TOPOGRAPHIC INFORMATION BASED ON A PLAN TITLED "TOPOGRAPHIC SURVEY" PREPARED BY GORDON M. LUDWIG, PLS DATED 03-20-2021.
3. PROPERTY IS LOCATED WITHIN FEMA FLOOD ZONE X (AREA OF MINIMAL FLOOD HAZARD) AS PER FEMA FLOOD RATE INSURACE MAP 34025C0311F DATED 09-25-2009.
4. THE APPLICANT PROPOSES TO CONSTRUCT A 4 BEDROOM SINGLE FAMILY DWELLING WITH ASPHALT DRIVEWAY.
5. PROPOSED DWELLING WILL BE SERVICED BY ONSITE WASTEWATER DISPOSAL SYSTEM TO BE PERMITTED THROUGH THE MONMOUTH COUNTY BOARD OF HEALTH AND HOWELL TOWNSHIP.
6. PROPOSED DWELLING WILL BE SERVICED BY ONSITE POTABLE WELL.
7. BASED ON NJDEP MAPPING AND FIELD OBSERVATIONS, THERE ARE NO FRESHWATER WETLANDS OR TRANSITION AREAS ON, OR WITHIN PROXIMITY TO THE PROPERTY THAT IMPACT THE PROPOSED CONSTRUCTION..

ROOF RECHARGE CALCULATIONS:

ROOF AREA = 1,520 SQ FT (0.035 AC)
2-YR WATER QUALITY STORM = 2.5 INCHES

CALCULATE RUNOFF VOLUME
2.5 INCHES x 1 FT/12 INCHES x 1,520 SQ FT = 316.7 CF

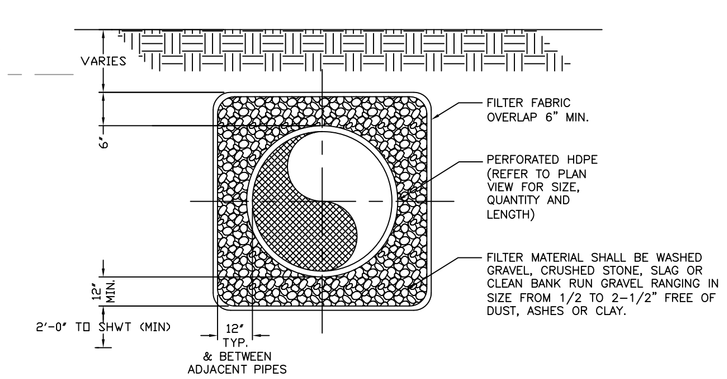
USE DUAL 30" DIA PIPE IN STONE = 15.74 CF PER LF
316.7 CF / 15.74 CF/LF = 20.1 LF (REQUIRED STORAGE)
PROVIDE DUAL 30" PIPES @ 20LF EA PLUS 12" GRAVEL AT ENDS
TOTAL EXCAVATION AREA = 22' x 7.5' = 165 SQ FT

SOIL LOG AT DWELLING (TP-C):

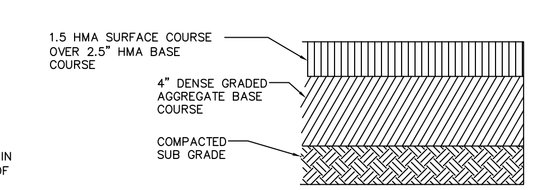
GROUND SURFACE ELEV = 124.8

0 - 8"	DARK GREYISH BROWN (10YR4/2) SANDY LOAM; SUBANGULAR BLOCKY; FRIABLE
8" - 30"	YELLOW (10YR7/6) LOAMY SAND; SINGLE GRAIN; LOOSE
30" - 52"	YELLOW BROWN (10YR5/4) SANDY LOAM; SUBANGULAR BLOCKY; FRIABLE
52" - 74"	BROWNISH YELLOW (10YR6/8) SILT LOAM; SUBANGULAR BLOCKY, FRIABLE
74" - 131"	YELLOW (10YR7/6) LOAMY SAND; SUBANGULAR BLOCKY, FRIABLE WITH COMMON, MEDIUM, FAINT LIGHT GRAY (10YR 7/1) AND STRONG BROWN (7.5YR 4/6) MOTTLES @ 110"

TEST PIT PERFORMED ON 04/23/2021 BY EVAN D. HILL, PE, CME
SEASONAL HIGH WATER TABLE = 110" (ELEV. 115.6)
GROUNDWATER NOT ENCOUNTERED



ROOF RECHARGE SYSTEM DETAIL
N.T.S.



NOTE:
ALL WORK TO BE IN ACCORDANCE WITH SECTION 188-119 OF THE HOWELL TWP. LAND DEVELOPMENT ORDINANCE.

DRIVEWAY DETAIL
N.T.S.

OWNERSHIP OF DOCUMENTS

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NO.	DATE	REVISIONS	BY	CHK.

DESIGNED BY : EDH	SCALE : AS SHOWN
DRAWN BY : EDH	DATE : 04/24/2021
CHECKED BY : EDH	PROJECT NO. : MSC0121
CLIENT APPROVAL BY :	REVISION NUMBER :

CLIENT :

MSC ENTERPRISES, LLC
22 SOUTH HOPE CHAPEL ROAD
JACKSON, NEW JERSEY 08527

EDH Engineering Services, LLC.
Civil & Geotechnical Consulting Engineers
446 Burke Road • Jackson, New Jersey 08527
Ph: (732) 904-9085 • Email: edhengineering@gmail.com
State of New Jersey Certificate of Authorization No. 24GA28130200

Evan D. Hill, P.E.
PROFESSIONAL ENGINEER

NEW JERSEY LICENSE # 24GE04305800
DATE:

DRAWING NAME : PLOT PLAN

PROJECT NAME : PROPOSED SINGLE FAMILY DWELLING

DRAWING: PP-1

PROPERTY LOCATION: BLOCK 134; LOT 1.02 - 2 CARMINE WAY
HOWELL TWP, MONMOUTH COUNTY, NEW JERSEY

SHEET NO.: 1 OF 1