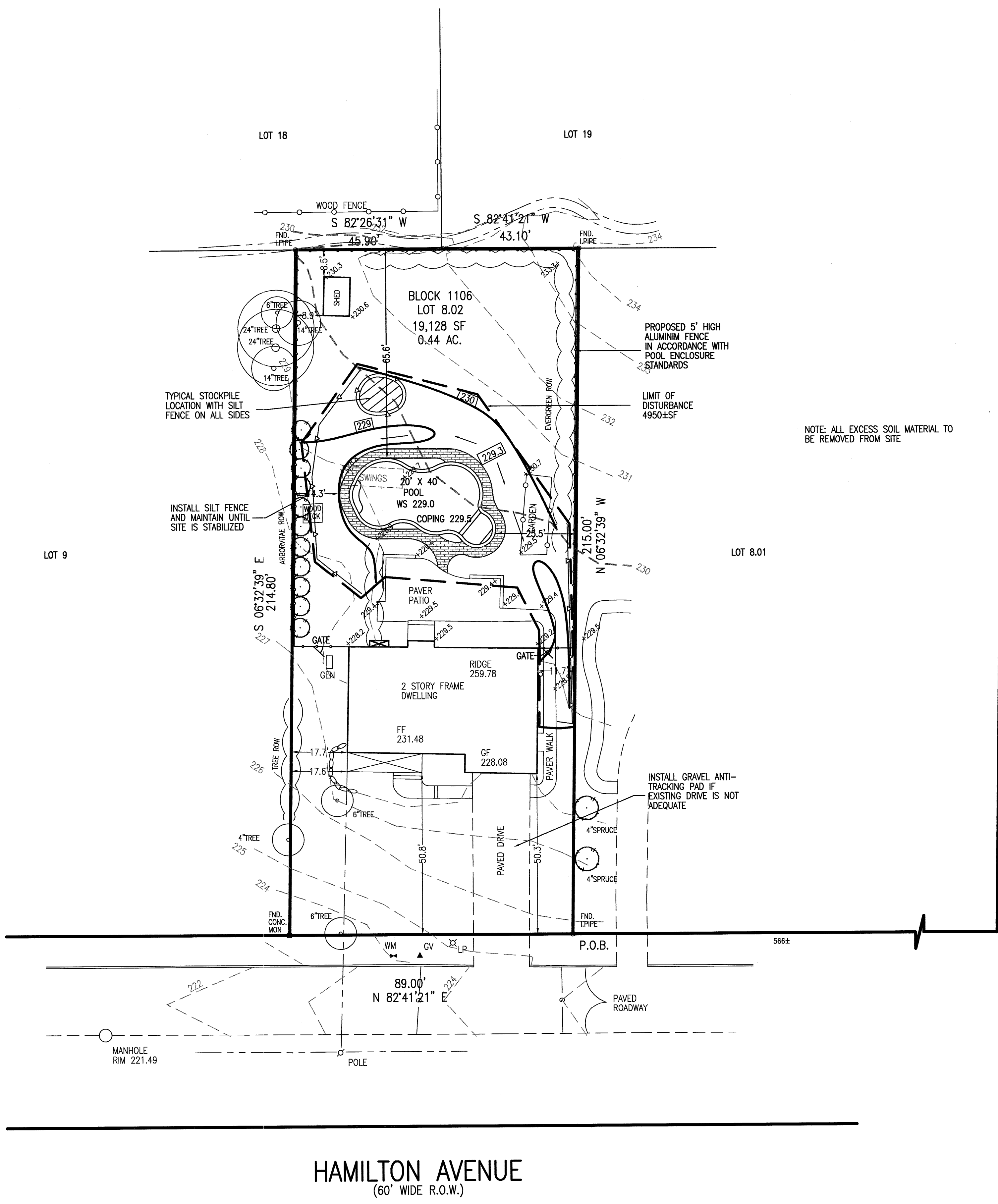
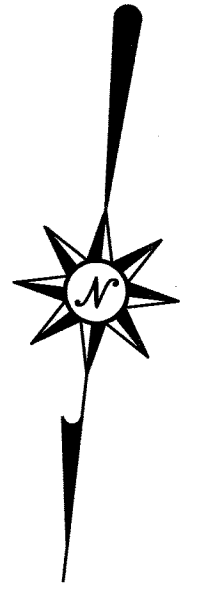


Murphy & Hollows Associates LLC
 CIVIL ENGINEERING AND SURVEYING
 192 CENTRAL AVENUE, STIRLING, NJ 07980
 908.580.1255 murphyhollows@gmail.com

POOL GRADING PLAN FOR
 LOT 8.02
 BLOCK 1106
 129 HAMILTON AVENUE
 TOWNSHIP OF BERKELEY HEIGHTS
 UNION COUNTY
 NEW JERSEY

AIDAN T. MURPHY
 N.J. LIC. PROFESSIONAL ENGINEER #21319
 1973-2016

William G. Hollows
WILLIAM G. HOLLOWES
 N.J. LIC. PROFESSIONAL ENGINEER
 & LAND SURVEYOR #27473
 N.J. PROFESSIONAL PLANNER #2530



NOTE: ALL EXCESS SOIL MATERIAL TO BE REMOVED FROM SITE

- GENERAL NOTES AND MAP REFERENCES:
1. BEING LOT 8.02 IN BLOCK 1106 AS SHOWN ON THE BERKELEY HEIGHTS TOWNSHIP TAX MAP.
 2. SURVEY PERFORMED ON JUNE 24, 2020 BY MURPHY & HOLLOWES ASSOCIATES, LLC
 3. OWNER & APPLICANT:
 KEYVAN & CANTNER GHARENTEPEH
 129 HAMILTON AVENUE
 BERKELEY HEIGHTS, NJ 07922

DUE TO THE SMALL INCREASE IN IMPERVIOUS AREA, 580 SF, NO STORMWATER MANAGEMENT HAS BEEN PROPOSED

ZONING CRITERIA

1) ZONED: R-15 (RESIDENTIAL)
 2) ZONING REQUIREMENTS:

	REQUIRED	EXISTING	PROPOSED
MIN. LOT AREA	15,000 SF	19,128 SF	19,128 SF
MIN. LOT AREA (CORNER LOT)	16,500 SF	-	-
MIN. LOT WIDTH	100 FT	89.0 FT*	89.0 FT*
MIN. LOT WIDTH (CORNER LOT)	120 FT	-	-
MIN. LOT DEPTH	130 FT	214 FT	214 FT
MIN. FRONT YARD	50 FT	50.3 FT	50.3 FT
MIN. SIDE YARD	12 FT	11.7 FT*	11.7 FT*
MIN. COMBINED SIDE YARD	30 FT	29.3 FT*	29.3 FT*
MIN. REAR YARD	40 FT	122.8 FT	122.8 FT
ACCESSORY BLDG MIN. REAR YARD	10 FT	8.5 FT*	8.5 FT*
ACCESSORY BLDG MIN. SIDE YARD	10 FT	8.9 FT*	8.9 FT*
ACCESSORY BLDG MIN. FRONT YARD	50 FT	194.0 FT	194.0 FT
MAX. BUILDING COVERAGE	15%	11.88%	11.88%
MAX. OTHER IMPERVIOUS COVERAGE	10%	11.14%**	18.08%**
MAX. TOTAL IMPERVIOUS COVERAGE	25%	23.02%	29.96%**

* DENOTES PRE EXISTING CONDITION
 ** DENOTES PROPOSED CONDITION - VARIANCE REQUIRED

COVERAGE CALCULATIONS

EXISTING BUILDING		PROPOSED BUILDING	
HOUSE	2131 SF	HOUSE	2131 SF
PORCH	141 SF	PORCH	141 SF
TOTAL	2272 SF	TOTAL	2272 SF

EXISTING OTHER		PROPOSED OTHER	
PATIO/WALK	998 SF	PATIO/WALK	998 SF
FRONT WALK	129 SF	FRONT WALK	129 SF
DRIVE	903 SF	DRIVE	903 SF
SHED	100 SF	POOL COPING	132 SF
TOTAL	2130 SF	POOL PATIO	448 SF
		POOL(WATER SURFACE)	748 SF
		SHED	100 SF
		TOTAL	3458 SF

COVERAGE TOTAL		COVERAGE TOTAL	
TOTAL	4402 SF	TOTAL	5730 SF

PRINCETON AVENUE

HAMILTON AVENUE
 (60' WIDE R.O.W.)