

GENERAL NOTES

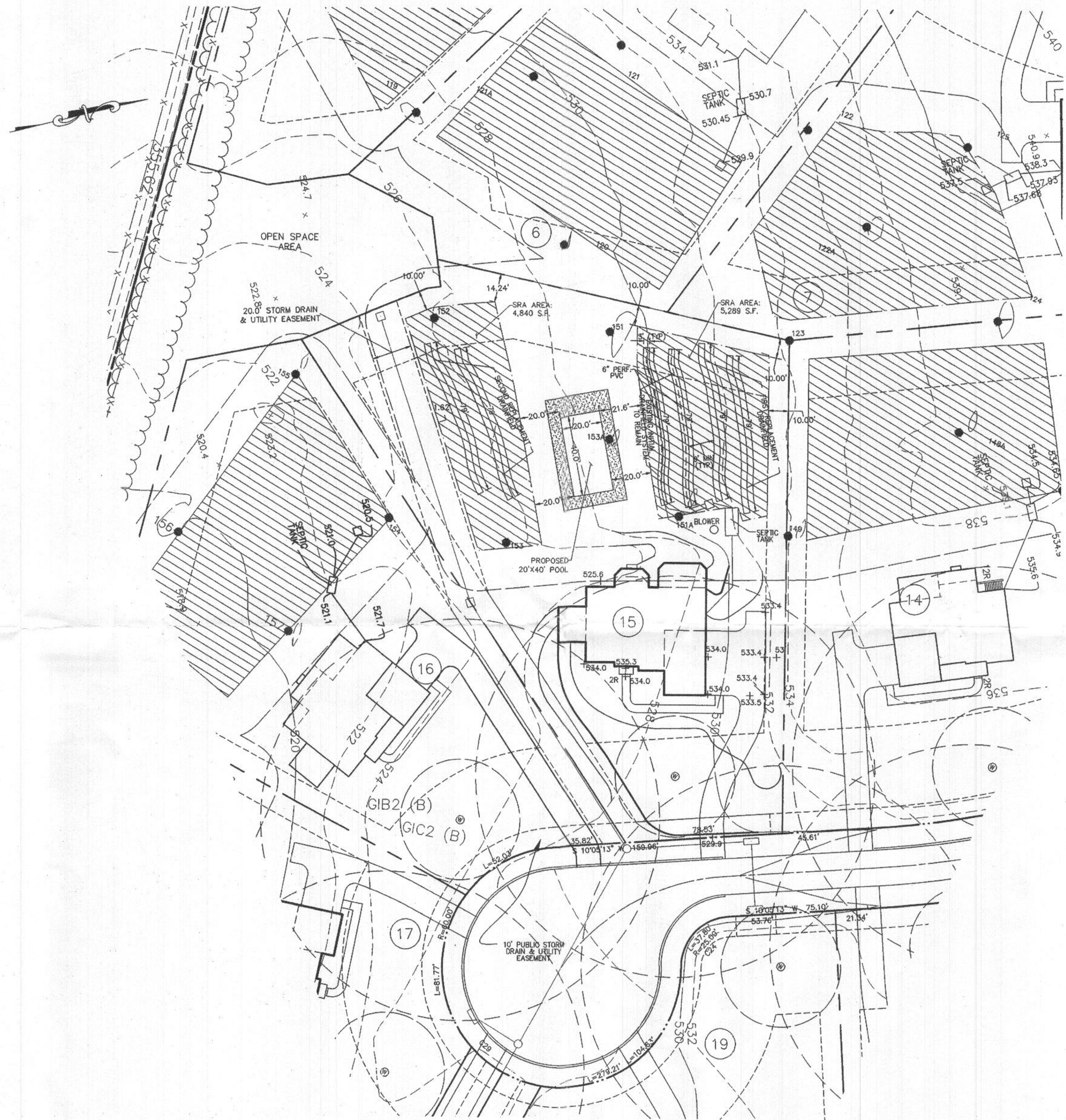
- OWNER: DAVID AND CHRISTINE PRATILAS
2818 BRIDALWREATH COURT
WOODBINE, MD 21797
PLAT NO. 19950 DEED REF. 15933002269
TAX MAP 14 GRID: 0020 PARCEL: 0269 LOT: 15
SITE ADDRESS: LOT 15 BRIDALWREATH COURT
WOODBINE, MD 21797
- APPLICANT: BRIAN COLLINS
936 RIDGEBROOK RD
SPARKS, MD 21162
BRIAN.COLLINS@KCI.COM 410-316-7800
- BASE SQUARE FOOTAGE OF HOUSE: 4,140 SQ.FT.
- NUMBER OF BEDROOMS: 6
- EJECTOR PUMP REQUIRED TO SEWER BASEMENT
- DRIVEWAY CULVERT NOT REQUIRED PER THE APPROVED ROAD DRAWINGS, F-07-38.
- THE SUBJECT PROPERTY IS ZONED RC-DEO PER THE 22/04 COMPREHENSIVE ZONING PLAN AND PER COMP-LITE ZONING REGULATIONS DATED 7/28/08.
- BASE INFORMATION SHOWN ON THIS PLAN IS BASED ON PLANS PREPARED BY DMW, AND DATED 02/25/07, EXISTING TOPOGRAPHY BASED ON GRADING PLAN PREPARED BY DEMARIO DESIGN CONSULTANTS DATED 07/09/07 AND FIELD RUN TOPOGRAPHY PREPARED BY DDC INC IN JAN. 2012.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED PER THE PREVIOUSLY APPROVED FINAL PLAN (F-07-38).
- ANY DAMAGE TO PUBLIC "RIGHT-OF-WAYS" OR PAVED PUBLIC ROADS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTORS EXPENSE IN ACCORDANCE WITH THE HOWARD COUNTY STANDARDS AND SPECIFICATIONS.
- DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT OF THE CIVIL ENGINEER (KCI TECHNOLOGIES) MAY CAUSE THE WORK TO BE UNACCEPTABLE.
- THE DIMENSIONED DISTANCES SHALL GOVERN IF SCALED AND DIMENSIONED DISTANCES ON THIS PLAN ARE FOUND TO BE IN DISAGREEMENT.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM LOT AREA AND OWNERSHIP WIDTH AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- UPON BUILDING PERMIT REVIEW THE SEPTIC SYSTEMS OF ALL PROPOSED STRUCTURES AND OR EXISTING STRUCTURE EXPANSIONS SHALL BE RE-EVALUATED TO DETERMINE SUFFICIENT SYSTEM CAPACITY.
- THE DEVELOPMENT OF THIS LOT DOES NOT REQUIRE AN ENVIRONMENTAL CONCEPT PLAN SINCE STORMWATER MANAGEMENT WAS PREVIOUSLY APPROVED UNDER F-07-38.
- THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

EXISTING SEWAGE DISPOSAL SYSTEM DATA (6 BEDROOM):

- INVERT @ FOUNDATION WALL: 528.8 (BASEMENT PUMP REQUIRED)
600 GPD BNR SYSTEM W/ 750 GALLON PUMP CHAMBER
EX. GRADE OVER TANK: 532.0
PROPOSED GRADE OVER TANK: 532.0
INVERT: 527.8
- DISTRIBUTION BOX
EX & PROPOSED GRADE OVER TANK: 531.3
INVERT: 529.3
- TRENCH DESIGN (6 BDRM x 150 GPD/BDRM = 900 GPD)
300 GPD / 1.2 GPD/SF (APP. RATE) = 750 SF
USE 3" WIDE TRENCH W/ 24" OF GRAVEL BELOW PIPE
9" MIN SPACING BETWEEN TRENCH EDGES
750 SF / 3" WIDTH = 250 LF x 0.63 = 158 LF MIN. TRENCH
USE 2 - 79' LONG TRENCHES = 158 LF FOR INITIAL SYSTEM
USE 2 - 79' LONG TRENCHES = 158 LF FOR FIRST REPLACEMENT SYSTEM
USE 2 - 79' LONG TRENCHES = 158 LF FOR SECOND REPLACEMENT SYSTEM

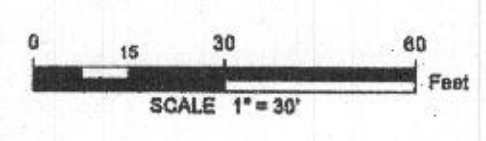
LOT 15 EXISTING SYSTEM TRENCH SPECIFICATIONS

	GROUND ELEVATION	INVERT ELEVATION	BOTTOM ELEVATION
TRENCH 1 (79')	530	527	525
TRENCH 2 (79')	530.7	527.7	525.7



DRAWING LEGEND

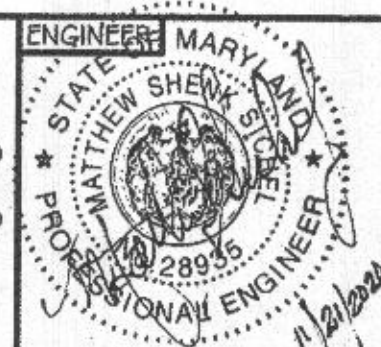
- 500 PROPOSED GRADE
- 502 EXISTING GRADE
- PROPOSED LIMIT OF DISTURBANCE
- + 665.5 PROP. SPOT ELEV./FLOW ARROW
- PROPOSED 20' SEPTIC RESERVE BUFFER
- EXISTING 30' WELL BUFFER
- EXISTING 100' WELL BUFFER
- PROPERTY LINE
- BUILDING RESTRICTION LINE
- SEPTIC RESERVE AREA
- ⊙ EXISTING WELL
- 174 PASSED PERCOLATION TEST
- ⊗ 127 FAILED PERCOLATION TEST



APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

 HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. DATE 1/22/21

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREIN IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF. LICENSE NO. 28935 EXPIRATION DATE: 1/15/2021



KCI TECHNOLOGIES
 ENGINEERS PLANNERS SCIENTISTS CONSTRUCTION MANAGERS
 936 RIDGEBROOK ROAD
 SPARKS, MARYLAND 21152
 TELEPHONE: (410) 316-7800
 FAX: (410) 316-7818

NO.		DATE	REVISIONS DESCRIPTION	BY	DATE
					11/16/2020

SEPTIC RESERVE AREA REDESIGN
 BELLE HAVEN ESTATES
 LOT 15
 2818 BRIDALWREATH COURT
 WOODBINE, MARYLAND 21797

DRAWING NO.
 SHEET 1 OF 1
 KCI JOB NUMBER
 272008775