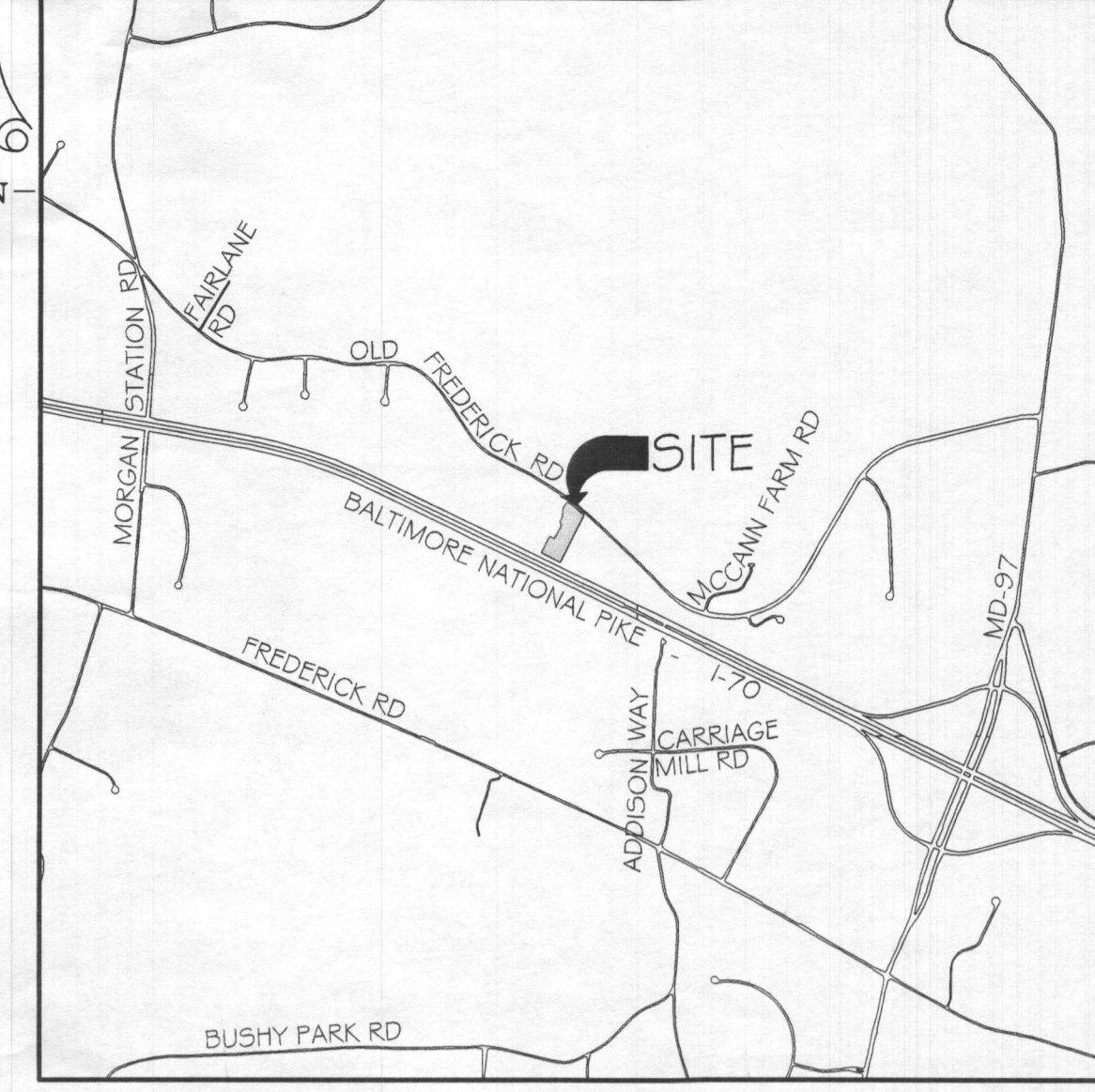
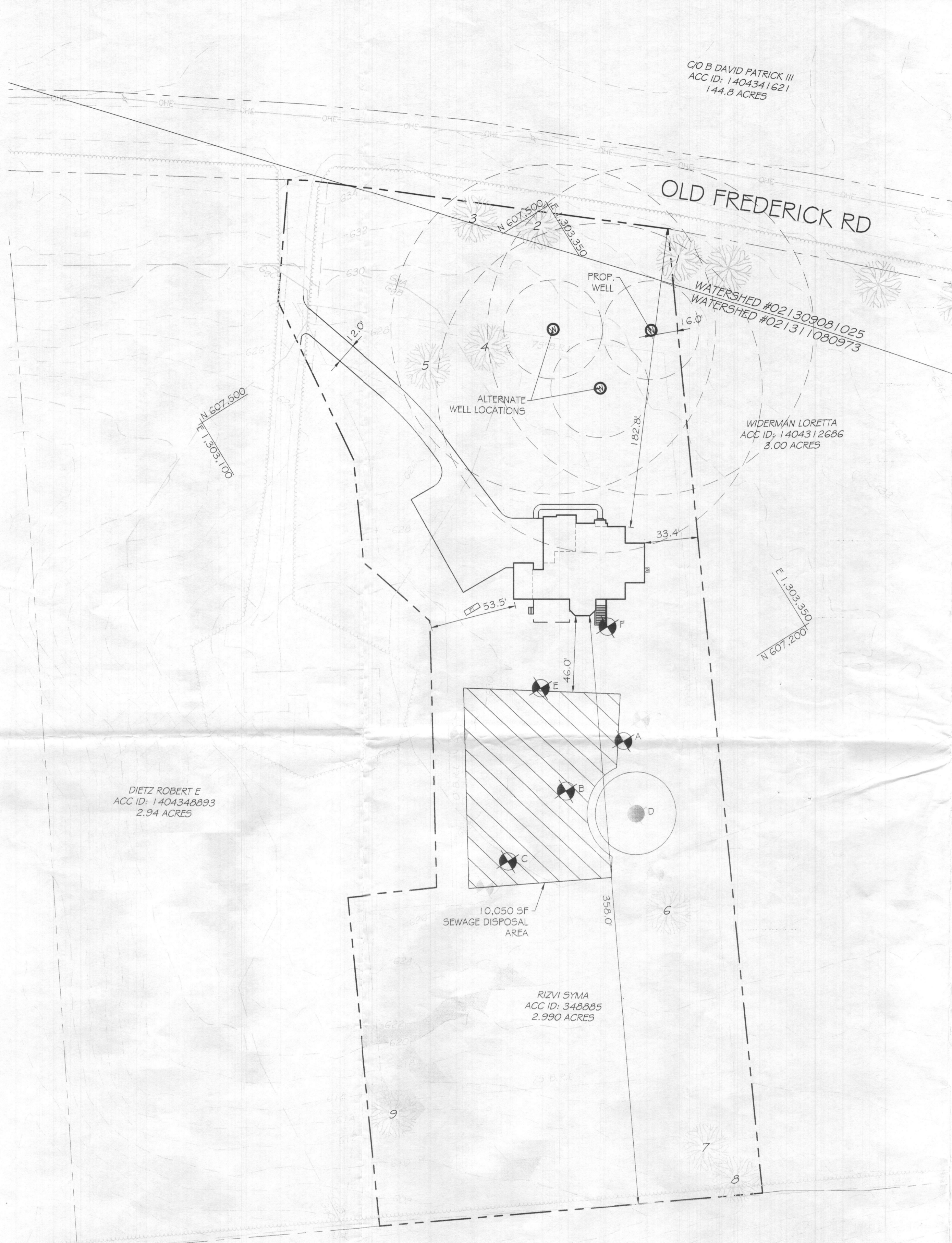
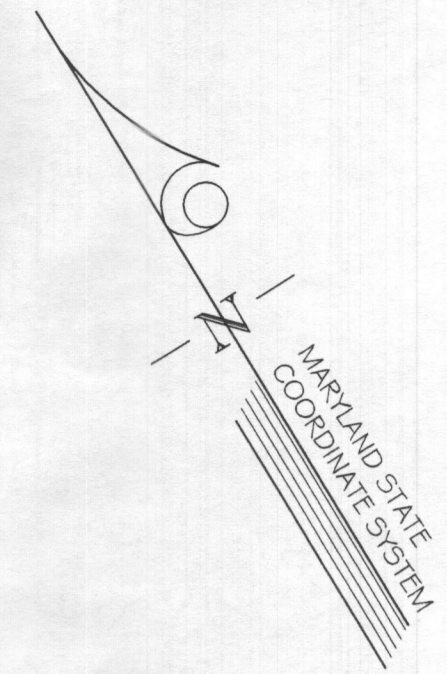


GENERAL NOTES:

OWNER: ASKARI # SYMA RIZVI  
 12614 FAWN RUN COURT  
 ELLICOTT CITY, MD 21042  
 DEED REF. 1577600170  
 FLAT REF. 21-045  
 TAX MAP: 0008GRID: 0009 PARCEL: 0073 LOT: 5  
 SITE ADDRESS: 14945 OLD FREDERICK RD  
 WOODBINE, MD 21797

ZONING:	RC - DEO	REQUIRED	PROPOSED
MIN. LOT AREA	NA	NA	1.50 ACRES
MIN. LOT WIDTH	60 FT.	60 FT.	221.54 FT.
FRONT YARD	75 FT.	75 FT.	179.4 FT.
SIDE YARD	10 FT.	10 FT.	33.2 FT.
REAR YARD	75 FT.	75 FT.	359.9 FT.
BLDG. HEIGHT	40 FT.	40 FT.	TBD

- ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
- THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
- ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
- ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN. EXISTING SYSTEM LOCATION HAVE BEEN OBTAINED FROM THE HEALTH DEPARTMENT AND THE PROPERTY OWNER.
- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- TOPOGRAPHY SHOWN IS AT TWO-FOOT CONTOUR INTERVALS (ONE-FOOT INTERVALS ARE REQUIRED FOR MOUND SYSTEMS AND SYSTEMS WITH PIPE DEPTH LESS THAN TWO FEET) AND HAS BEEN FIELD VERIFIED OR FIELD RUN.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THE LOT SHOWN HEREIN COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- THE 1ST REPLACEMENT SYSTEM WILL REQUIRE A PRESSURIZED DISTRIBUTION DESIGN AND A PUMP TANK AND PUMP WILL BE NEEDED AT TIME OF REPAIR.
- A PROFESSIONAL SURVEYOR OR ENGINEER MUST MARK THE PROPERTY LINE WHEN THE TRENCHES ARE BEING INSTALLED IN AREAS WHERE THE PROPERTY LINE SETBACK HAS BEEN REDUCED.



VICINITY MAP  
 SCALE: 1"=200'

EXISTING NATURAL SENSITIVE RESOURCE	TOTAL AREA
WATERBODIES	0.00 ACRES
FLOODPLAIN, RIPARIAN, NATURAL DRAINAGEWAYS	0.00 ACRES
WETLANDS	0.00 ACRES
WOODLANDS	1.28 ACRES
STEEP SLOPES 15-25%	0.00 ACRES
STEEP SLOPES 25%+	0.00 ACRES

\*WITHIN LIMIT OF DISTURBANCE

SOILS	
G <sub>9</sub> A(B)	GLENELG LOAM, 0-3% SLOPES
G <sub>9</sub> B(B)	GLENELG LOAM, 3-8% SLOPES
G <sub>9</sub> C(B)	GLENELG LOAM, 8-15% SLOPES

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. DATE

DRAWING LEGEND

	EXISTING MINOR CONTOUR (2' INTERVAL)		EXISTING WELL / BUFFER
	EXISTING MAJOR CONTOUR (10' INTERVAL)		PROPOSED SDA (10,000 S.F. MIN.)
	ADJACENT PROPERTY LINE		SOIL DELINEATION LINE
	EXISTING PROPERTY BOUNDARY		FAILED PERCOLATION TEST HOLE
	EXISTING ROAD / EDGE OF PAVING		
	EXISTING ROAD CENTERLINE		
	EXISTING BUILDING		
	PROPOSED BUILDING		
	PROPOSED PERCOLATION TEST HOLE		
	EXISTING PERCOLATION TEST HOLE		



I 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.

PERC PLAN  
 SCALE: 1"=40'

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

ASKARI & SYMA RIZVI PROPERTY  
 PERC CERTIFICATION PLAN  
 14945 OLD FREDERICK RD  
 WOODBINE, MD 21797

DRAWING NO.	ZhoOf1
SHEET 1 OF 1	
KCI JOB NUMBER	271803754.112

Revise,  
 8/16/22

OWNER:  
 ASKARI # SYMA RIZVI  
 12614 FAWN RUN COURT,  
 ELLICOTT CITY, MD 21042  
 (240) 475-2271

DEVELOPER:  
 KEYSTONE CUSTOM HOMES  
 GREG REINSMITH  
 227 GRANITE RUN DR, SUITE 100,  
 LANCASTER, PA 17601  
 (717) 464-9060 EXT. 1108

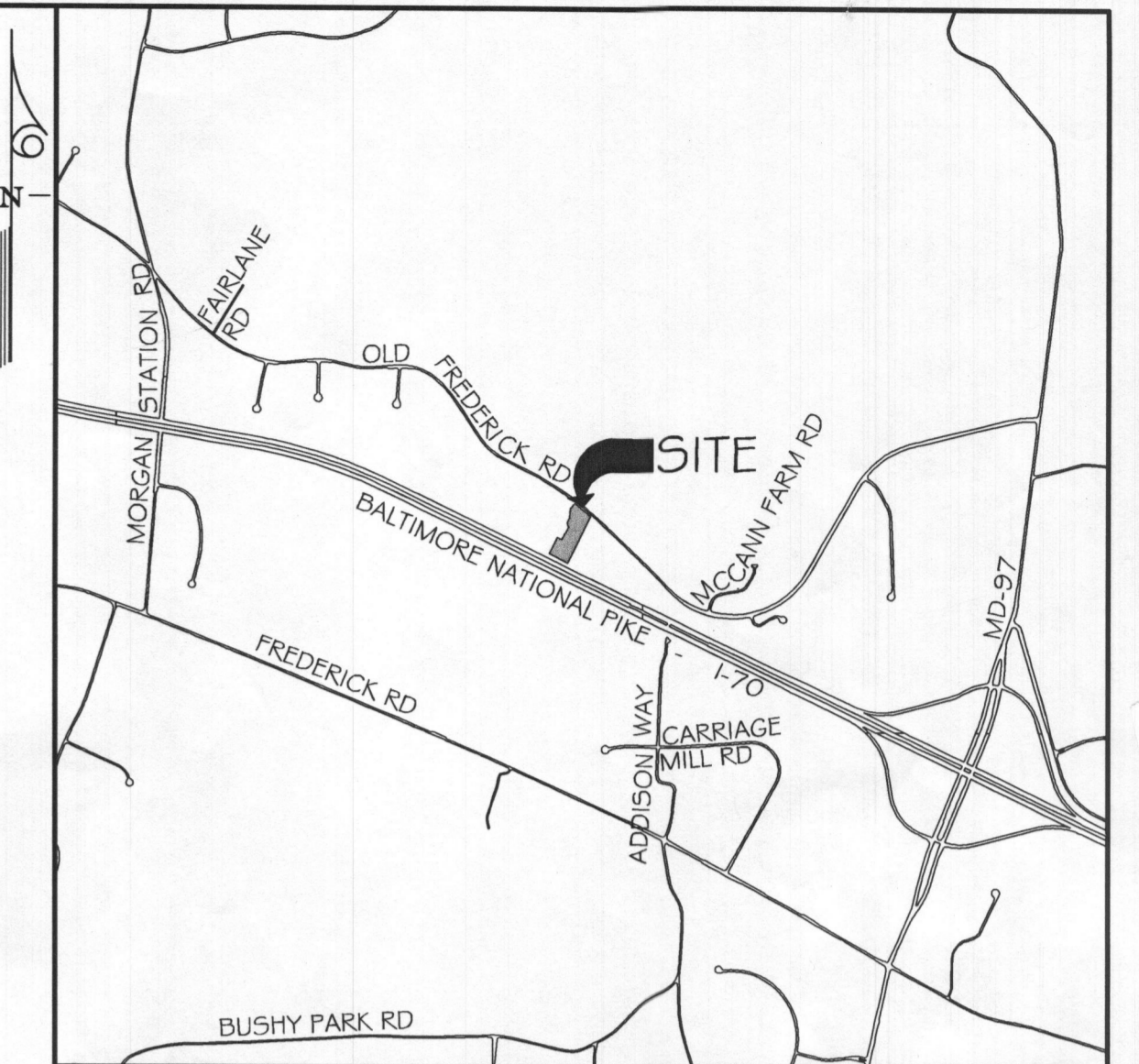
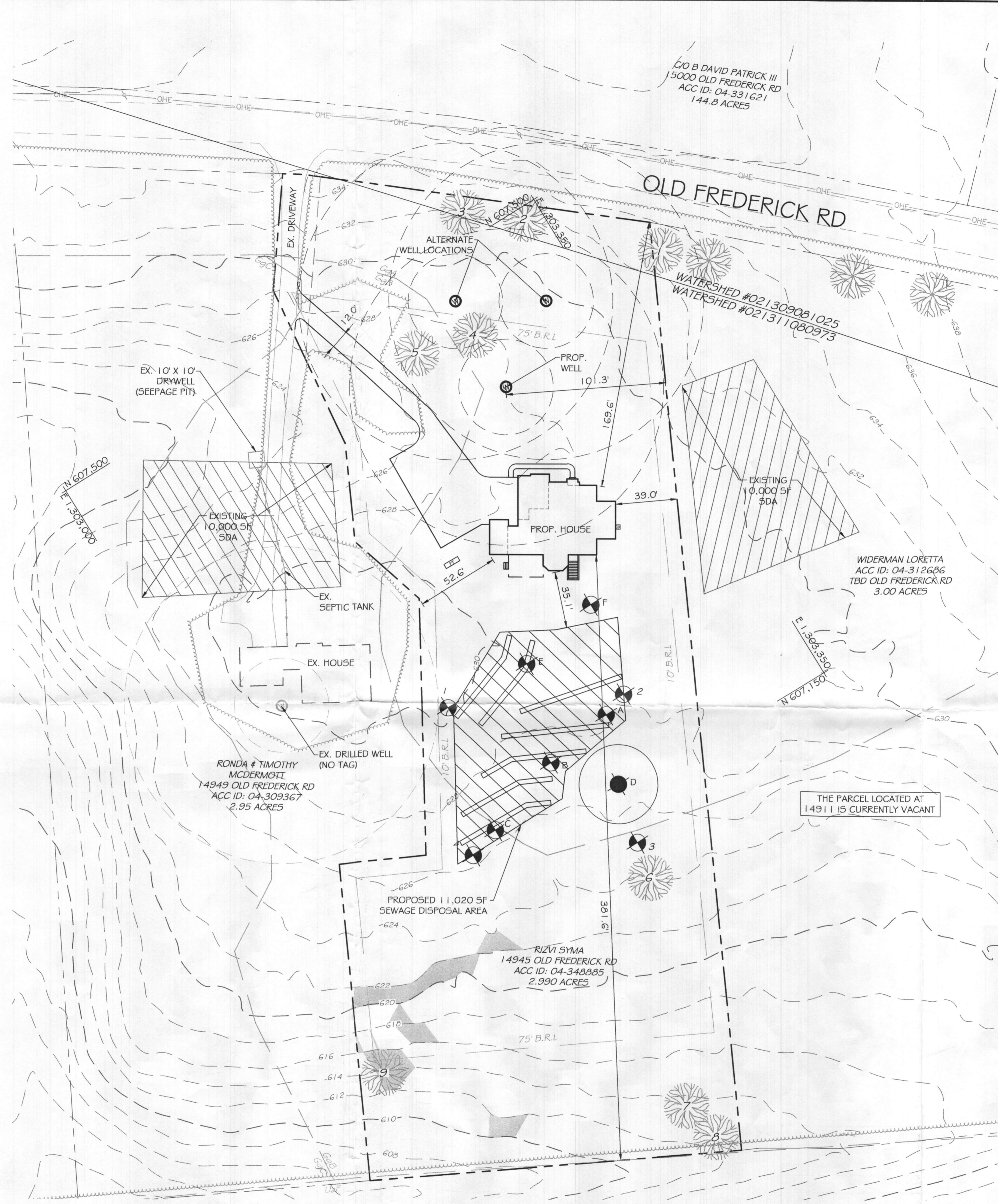
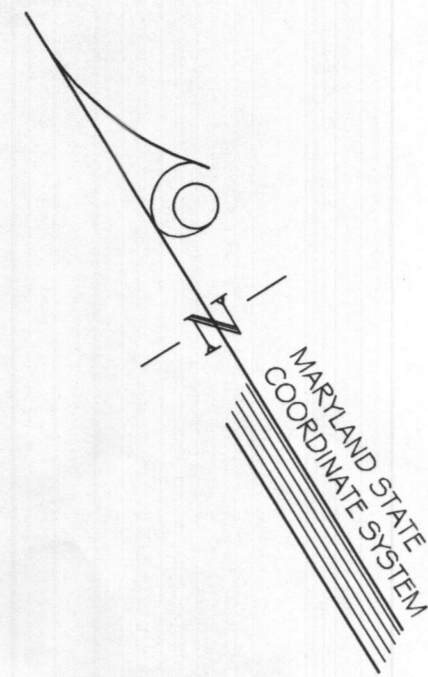
DESIGNER:  
 KCI TECHNOLOGIES INC.  
 FRANK WHITE  
 936 RIDGEBROOK RD,  
 SPARKS, MD 21152  
 (410) 316-0803

GENERAL NOTES:

OWNER: ASKARI & SYMA RIZVI  
 12614 FAWN RUN COURT  
 ELLICOTT CITY, MD 21042  
 DEED REF. 15776/00170  
 PLAT REF. 8471 "BATES PROPERTY"  
 TAX MAP: 0008 GRID: 0009 PARCEL: 0073 LOT: 5  
 SITE ADDRESS: 14945 OLD FREDERICK RD  
 WOODBINE, MD 21797

ZONING:	RC - DEO	REQUIRED	PROPOSED
MIN. LOT AREA	NA	2.99 ACRES	
MIN. LOT WIDTH	60 FT.	221.54 FT.	
FRONT YARD	75 FT.	169.6 FT.	
SIDE YARD	10 FT.	39.0 FT.	
REAR YARD	75 FT.	381.6 FT.	
BLDG. HEIGHT	40 FT.	TBD	

- ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN
- EXISTING SYSTEM LOCATION HAVE BEEN OBTAINED FROM THE HEALTH DEPARTMENT AND THE PROPERTY OWNER.
- THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE ARE SHALL NOT BE NECESSARY.
- TOPOGRAPHY SHOWN IS AT TWO-FOOT CONTOUR INTERVALS (ONE-FOOT INTERVALS ARE REQUIRED FOR MOUND SYSTEMS AND SYSTEMS WITH PIPE DEPTH LESS THAN TWO FEET) AND HAS BEEN FIELD VERIFIED.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THE LOT SHOWN HEREIN COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- THE WELL MUST BE DRILLED AND APPROVED PRIOR TO HEALTH DEPARTMENT APPROVAL OF A BUILDING PERMIT



VICINITY MAP  
SCALE: 1"=2000'

EXISTING NATURAL SENSITIVE RESOURCE	TOTAL AREA
WATERBODIES	0.00 ACRES
FLOODPLAIN, RIPARIAN, NATURAL DRAINAGE WAYS	0.00 ACRES
WETLANDS	0.00 ACRES
WOODLANDS	1.28 ACRES
STEEP SLOPES 15-25%	0.00 ACRES
STEEP SLOPES 25%+	0.00 ACRES

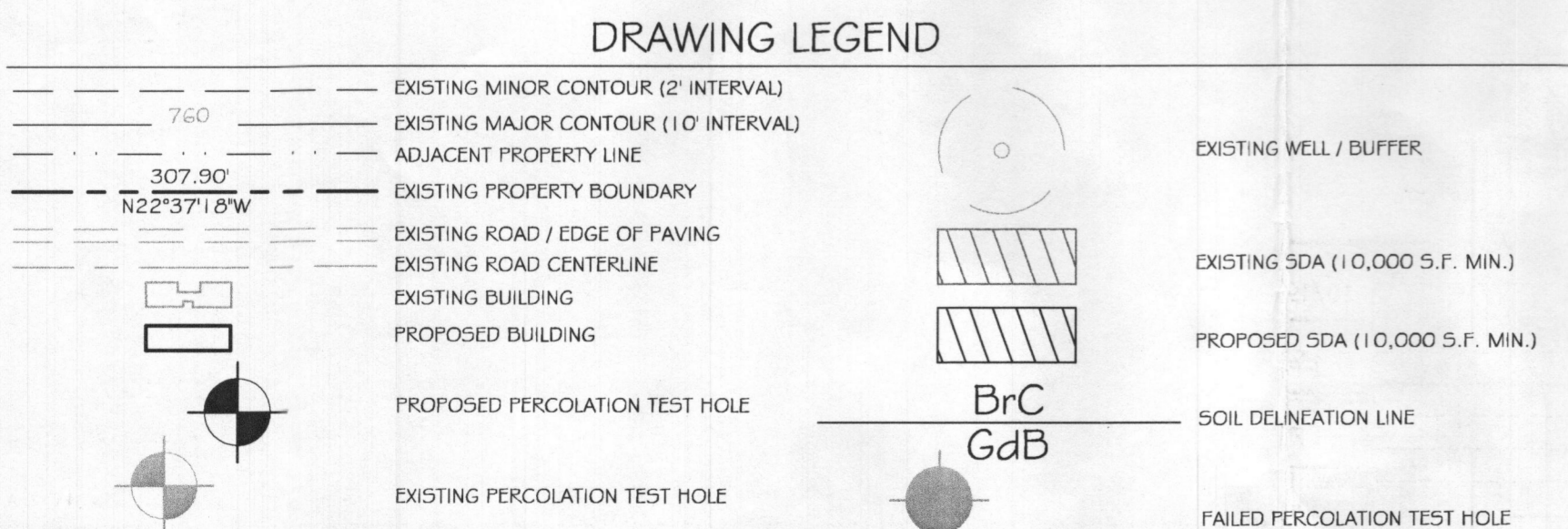
SOILS	
GgA(B)	GLENELG LOAM, 0-3% SLOPES
GgB(B)	GLENELG LOAM, 3-8% SLOPES
GgC(B)	GLENELG LOAM, 8-15% SLOPES

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
*Howard County Health Dept.*  
 HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. 11/30/22



I 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.

PERC PLAN  
SCALE: 1"=40'



ENGINEERS PLANNERS SCIENTISTS CONSTRUCTION MANAGERS		REVISIONS		DATE	
NO.	DATE	DESCRIPTION	BY	SCALE	DATE
				1"=40'	10/19/2022
				DESIGNED BY	FFW
				DRAWN BY	JEL

ASKARI & SYMA RIZVI PROPERTY  
 PERC CERTIFICATION PLAN  
 14945 OLD FREDERICK RD  
 WOODBINE, MD 21797

OWNER:  
 ASKARI & SYMA RIZVI  
 12614 FAWN RUN COURT,  
 ELLICOTT CITY, MD 21042  
 (240) 475-2271

DEVELOPER:  
 KEYSTONE CUSTOM HOMES  
 GREG REINSMITH  
 227 GRANITE RUN DR, SUITE 100,  
 LANCASTER, PA 17601  
 (717) 464-9060 EXT. 1108

DESIGNER:  
 KCI TECHNOLOGIES INC.  
 FRANK WHITE  
 936 RIDGEBROOK RD,  
 SPARKS, MD 21152  
 (410) 316-0803

DRAWING NO.  
 ZhoOf1

SHEET 1 OF 1  
 KCI JOB NUMBER  
 271803754.112