

THE UNDERSIGNED OWNER OF THE PROPERTY HEREON STATES THAT HE IS FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENTS TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

-----  
BRENT OR ALISON SPODEK

DATE \_\_\_\_\_

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON  
IS BASED ON ACTUAL FIELD MEASUREMENTS COMPLETED  
ON JUNE 18, 2018.

THOMAS CERCHIARA P.L.S.

SEAL

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE CITY OF BEACON, NEW YORK, ON THE

\_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_, SUBJECT TO ALL REQUIREMENTS AND  
CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAT,  
AS APPROVED, SHALL VOID THIS APPROVAL.

SIGNED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_, BY \_\_\_\_\_

----- CHAIRMAN

SECRETARY

IN ABSENCE OF THE CHAIRMAN OR SECRETARY, THE ACTING CHAIRMAN OR ACTING SECRETARY  
RESPECTIVELY MAY SIGN IN THIS PLACE.

**SCHEDULE OF REGULATIONS (R1-7.5 ZONING DISTRICT) AND LOT CONFORMANCE TABLE:**

PARAMETER	REQUIREMENT	LOT #1	LOT #2
LOT AREA:	7,500 SQUARE FEET MIN	11,067 S.F.	9,274 S.F.
LOT WIDTH:	75 FEET MINIMUM	75.1 FEET**	68 FEET**
LOT DEPTH:	100 FEET MINIMUM	139.1 FEET	136.5 FEET
YARD SETBACKS (RESIDENTIAL USE):			
FRONT YARD:	30 FEET MINIMUM	9.8 FEET*	9.8 FEET***
SIDE YARD:	10 FEET MINIMUM	10.1 FEET	10.0 FEET
SIDE YARD (TOTAL OF TWO):	20 FEET MINIMUM TOTAL	53.5 FEET	33.2 FEET
REAR YARD:	30 FEET MINIMUM	93.1 FEET	81.8 FEET
MAIN BUILDING HEIGHT:	MAX 35 FEET, 2.5 STORIES	35 FEET	<35 FEET
BUILDING COVERAGE:	MAX 30%	14.5%	14.2%
DWELLING UNITS PER LOT:	MAX 1	1	1

\* PRE-EXISTING NON-CONFORMANCE

\*\* AVERAGE LOT WIDTH SHOWN. THE HOUSE AND SHEDS ON LOT 1 ARE ALL LOCATED ON PORTIONS OF THE LOT WHERE THE MINIMUM LOT WIDTH IS MET. THE PROPOSED HOUSE ON LOT 2 IS SHOWN ON A PORTION OF THE LOT WHERE THE LOT WIDTH IS NOT MET (63.2'). THEREFORE, THE APPLICANT REQUESTS RELIEF FROM THE ZONING BOARD APPEALS FOR THE LOT WIDTH ON LOT 2.

\*\*\* THE APPLICANT REQUESTS RELIEF FROM THE PLANNING BOARD FOR THE FRONT YARD REQUIREMENT ON LOT #2 (TO PROVIDE A CONSISTENT FRONT YARD SETBACK TO HOUSES ALONG ALICE STREET).

TREE TABLE	
NUMBER	DESCRIPTION
1 (TBR)	12" CEDAR
2	16" SPRUCE
3	8" DOGWOOD
4	8" DOGWOOD
5	12" SPRUCE
6	10" SPRUCE
7	22" SPRUCE
8	24" MAPLE
9	18" MAPLE
10	16" MAPLE
11	22" MAPLE
12	30" MAPLE
13	10" SPRUCE
14	4" CEDAR
15	22" SPRUCE

<p align="center"><u>INFILTRATION TEST TABLE:</u></p> <p align="center">INFILTRATION TESTS RESULTS ESTABLISHED ON 7/24/2018</p>	
IT-2A: 48" DEEP:	10.5 INCHES/HOUR; 10.5 INCHES/HOUR; 10.25 INCHES/HOUR

<u>DEEP TEST HOLE TABLE:</u>	
TP1-1 & TP2-1 TEST HOLE RESULTS ESTABLISHED ON 7/24/18	
TP1-1: 0"-14" TOPSOIL, 14"- 60" BROWN SANDY LOAM WITH COBBLES, 60+" POSSIBLE BEDROCK, NO GROUNDWATER, NO MOTTLING	
TP2-1: 0"-11" TOPSOIL, 11"- 84" MEDIUM GRADE SAND WITH SOME COBBLES, NO BEDROCK, NO GROUNDWATER, NO MOTTLING	

## PROJECT INFORMATION:

PARCEL OWNERS:	BRENT & ALISON SPOECK, 2 GREEN STREET, BEACON NY 12508
PROJECT ENGINEER:	HUDSON LAND DESIGN P.C., 174 MAIN STREET, BEACON NY 12508
PROJECT SURVEYOR:	TEC LAND SURVEYING, 15C TIORONDA AVENUE, BEACON NY 12508
PARCEL LOCATION:	32 ALICE STREET, BEACON NY, 12508
TAX PARCEL IDS:	6054-47-320616
PARCEL AREA:	± 0.467 ACRES
WATER SUPPLY:	MUNICIPAL
SEWAGE DISPOSAL:	MUNICIPAL

SITE SPECIFIC NOTES:

1. THE CONTRACTOR SHALL PERFORM A UTILITIES CALL-OUT PRIOR TO CONSTRUCTION TO VERIFY ALL UNDERGROUND UTILITY LOCATIONS BY CONTACTING UPFO @ 1-800-962-7962. SPECIFIC ATTENTION SHALL BE PAID TO THE LOCATIONS OF THE GAS (IF APPLICABLE), WATER AND SEWER MAINS WITH RESPECT TO THE PROPOSED LOCATIONS FOR THE SERVICE LINES.
2. THE CONTRACTOR SHALL CONTACT THE CITY OF BEACON WATER AND SEWER DEPARTMENTS TO SCHEDULE A PRE-CONSTRUCTION MEETING TO ENSURE THAT THE ARRANGEMENTS FOR WATER SUPPLY AND SEWAGE DISPOSAL ARE COMMENCED IN ACCORDANCE WITH THE APPROVED PLANS AND AMENDMENTS THERETO AND GENERALLY ACCEPTED STANDARDS.
3. THE PROPOSED LOT SHALL BE SERVED BY THE CITY OF BEACON MUNICIPAL WATER AND SEWER SERVICES.
4. THE WATER SERVICE LINE AND METER SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF BEACON WATER DEPARTMENT REQUIREMENTS.
5. THE WATER SERVICE LINE SHALL BE 3/4" x 4" KVC.
6. THE SEWER SERVICE LINE SHALL BE 4" SCH-40 PVP PIPE WITH PITCH AS SHOWN ON THE PLAN (MINIMUM OF 1/8" PER FOOT). PITCH SHALL BE MAINTAINED.
7. A ROAD OPENING PERMIT SHALL BE REQUIRED FOR THE INSTALLATION OF THE PROPOSED WATER AND SEWER SERVICES FOR THE NEW LOT. STREET CLOSURE FOR WATER AND SEWER SERVICE CONNECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF BEACON REQUIREMENTS.
8. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION. THE PROPOSED DRAINWAY SHALL BE 18" MINIMUM.
9. ROOF LEADER CONNECTIONS TO BE MINIMUM 4" PVC OR HDPE @ 2.0% MIN.
10. SUMP PUMP TO BE PROVIDED FOR FOOTING DRAIN, IF NECESSARY. THE TYPE OF PUMP AND METHODS USED TO ENSURE PROPER DRAINAGE SHALL BE ACCEPTABLE TO THE CITY OF BEACON BUILDING DEPARTMENT.
11. THE DRIVEWAY SIGHT DISTANCE MEETS OR EXCEEDS COMPLIANCE WITH THE CITY OF BEACON'S 1974 AASHTO CODE. THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION REQUIREMENTS. THE STATE UTILIZES THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS' (AASHTO) GUIDELINES FOR INTERSECTION SIGHT DISTANCES. FOR ROADS WITH A SPEED LIMIT OF 30 MPH, AASHTO DESIGN TABLES CALL FOR A SIGHT DISTANCE OF 290 FEET TO THE LEFT AND 335 FEET TO THE RIGHT. THE MEASURED SIGHT DISTANCE IS AS FOLLOWS:  
LOT 1: SLD2 LEFT = +273 FEET (TO INTERSECTION OF DEAD END OF ALICE STREET)  
LOT 2: SLD2 LEFT = +328 FEET (TO INTERSECTION OF ALICE STREET AND PROSPECT STREET)  
SLD LEFT AND RIGHT FOR LOT 2 ARE SLIGHTLY DEFICIENT HOWEVER THESE WERE THE MAXIMUM AVAILABLE LENGTHS AS THE SLD LEFT WAS MEASURED TO THE ALICE STREET TERMINATION AND THE SLD RIGHT WAS MEASURED TO THE T-1 TYPE INTERSECTION WITH JUDSON STREET.
12. STOPPING SIGHT DISTANCE (SSD) WAS OBSERVED TO BE IN EXCESS OF THE REQUIRED 200 FEET WHEN APPROACHING DRIVEWAY FROM THE LEFT AND RIGHT.
13. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND INVERTS OF ALL CATCH BASINS, STORM SEWER LINES, SANITARY MANHOLES, SEWER LINES, WATERLINES, AND UNDERGROUND UTILITY LINES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOT ASSUME THAT ALL LOCATIONS AS SHOWN ON THE PLAN ARE CORRECT. INVESTIGATIVE TEST PITS MAY BE REQUIRED TO VERIFY LOCATIONS AND DEPTHS.
14. THE CITY OF BEACON BUILDING DEPARTMENT SHALL BE PROVIDED ACCESS TO VERIFY THE LOCATION OF THE EXISTING ROOF LEADERS AND SUMP PUMPS AND THE AREA THEY DRAIN TO.

## INDIANA BAT PROTECTION NOTES:

1. TREE CLEARING SHALL BE RESTRICTED TO THE PERIOD BETWEEN OCTOBER 1 AND MARCH 31.
2. THE LIMITS OF DISTURBANCE SHALL BE DEMARCATED BY INSTALLING ORANGE CONSTRUCTION FENCE FOR THE GENERAL IMPROVEMENT AND INFRASTRUCTURE CONSTRUCTION ACTIVITIES AND FOR THE INDIVIDUAL LOT CONSTRUCTION. THESE LIMITS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
3. DUST CONTROL DURING CONSTRUCTION SHALL BE IMPLEMENTED. THIS INCLUDES USE OF CONSTRUCTION ENTRANCES, APPLYING LIGHT WATER, AND ESTABLISHING VEGETATION.
4. STREET LIGHTS ARE NOT PERMITTED. RESIDENTIAL LIGHTING SHALL BE DIRECTED DOWNWARD TO REDUCE IMPACTS TO BATS FORAGING FOR FOOD.

MAP REFERENCES:

1. EXISTING FEATURES AS SHOWN ON THIS SUBDIVISION PLAN PROVIDED BY MAPPING OBTAINED FROM TEC LAND SURVEYORS, PS, LLC.

SURVEY NOTES:

1. SEE SHEET 1 FOR METES AND BOUNDS FOR EXISTING AND PROPOSED PROPERTY LINES.

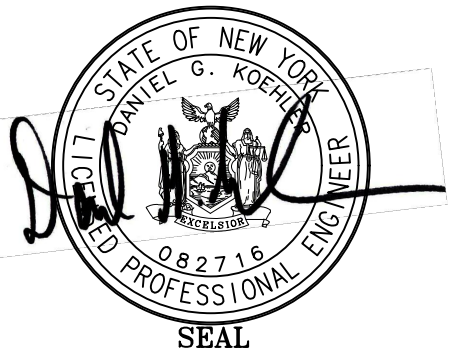
PRELIMINARY SUBDIVISION PLAN  
32 ALICE ST. SUBDIVISION

32 ALICE STREET  
CITY OF BEACON  
DUTCHESS COUNTY, NEW YORK  
TAX ID: 6054-47-320616  
SCALE: 1" = 20'  
JUNE 26, 2018



HUDSON LAND DESIGN  
PROFESSIONAL ENGINEERING P.C.

174 MAIN STREET  
BEACON, NEW YORK 12508  
PH: 845-440-6926 F: 845-440-6637



JON D. BODENDORF, P.E.  
NYS LICENSE NO. 076245  
DANIEL G. KOEHLER, P.E.  
NYS LICENSE NO. 082716

SHEET: 2 OF 4