

- (1) LENGTH = 47.35'  
RADIUS = 67.73'  
CHORD = 64.61'  
BEARING = N 27°59'39" W  
TANGENT = 38.75'  
DELTA = 58°58'18"
- (2) LENGTH = 71.29'  
RADIUS = 71.70'  
CHORD = 68.39'  
BEARING = N 27°59'41" W  
TANGENT = 38.91'  
DELTA = 58°58'18"
- (3) LENGTH = 101.15'  
RADIUS = 85.27'  
CHORD = 85.32'  
BEARING = N 27°59'32" W  
TANGENT = 57.45'  
DELTA = 67°57'57"
- (4) LENGTH = 78.21' (U) 78.16' (R)  
RADIUS = 40.00' (R&U)  
CHORD = 66.34' (U) 68.31' (R)  
BEARING = N 52°30'30" E  
TANGENT = 55.34' (U) 58.23' (R)  
DELTA = 112°02'00" (U) 111°57'27" (R)

LINE TABLE	L1	23.00' (R&U)	S 89°50'30" E	L13	54.94'	N 24°45'12" W	L24A	6.56'	N 47°50'51" W
	L2	20.00' (R&U)	S 89°30'36" E	L14	25.42'	N 35°02'04" W	L25	21.01'	N 25°03'22" W
	L3	30.00' (R&U)	S 89°30'30" E	L15	27.00'	S 78°13'28" W	L26	8.81'	N 64°32'40" E
	L4	8.52'	N 81°48'20" W	L16	35.02'	N 68°45'28" W	L27	28.19'	S 58°03'14" E
	L5	16.38'	N 71°05'53" W	L17	95.80'	N 36°24'36" W	L28	13.50'	S 79°42'01" E
	L6	8.40'	N 89°30'39" W	L18	81.65'	N 28°00'52" W	L29	28.97'	S 02°25'40" W
	L7	14.31'	N 85°12'27" W	L19	37.58'	N 10°10'14" E	L30	60.28'	S 29°28'38" E
	L8	27.20'	N 39°42'08" W	L20	22.71'	N 33°11'42" W	L31	14.97'	S 48°03'42" E
	L9	43.47'	N 29°47'31" W	L21	19.89'	N 04°30'33" E	L32	16.63'	S 13°24'44" W
	L10	45.87'	N 10°32'33" W	L22	28.88'	N 67°09'37" W	L33	41.10'	N 00°28'30" E
	L11	28.05'	N 39°35'28" W	L23	14.77'	N 03°06'05" E	L34	81.34' (U) 81.35' (R)	N 67°28'30" W
	L12	38.13'	N 32°28'08" W	L24	5.43'	N 78°13'28" E			

### PROPOSED SUBMERGED LAND LEASE

SITUATED IN THE CITY OF AVON LAKE, COUNTY OF LORAIN, AND STATE OF OHIO AND KNOWN AS BEING PART OF ORIGINAL AVON TOWNSHIP SECTION NUMBER 30, FRACTIONAL TOWNSHIP 7 NORTH, RANGE 18 WEST OF THE CONNECTICUT WESTERN RESERVE AND PART OF THE EAGLE POINT ON THE LAKE ALLOTMENT AS RECORDED IN VOLUME 5, PAGE 18 OF THE LORAIN COUNTY PLAT RECORDS.

- #### LEGEND & NOTES
- ALL ELEVATIONS ARE SHOWN UTILIZING OLD 85 DATUM.
  - ORDINARY HIGH WATER (OHW) 573.4 (OLD 85).
  - ORIGINALLY SURVEYED IN OCTOBER 2011 AND UPDATED ON SEPTEMBER 18, 2013.
  - WATER ELEVATION WAS 572.12 PER SURVEY PERFORMED ONE 6-18-2013.
  - LITTORAL BOUNDARIES, AS SHOWN HEREON, WERE ESTABLISHED BY THE EXTENSION METHOD TO PROVIDE THE MOST EQUITABLE DIVISIONS FOR LITTORAL ACCESS.
  - LITTORAL BOUNDARIES, AS SHOWN HEREON, WERE ESTABLISHED BY THE RADIAL METHOD TO PROVIDE THE MOST EQUITABLE DIVISIONS FOR LITTORAL ACCESS.
  - 04-00-030-101-009 PROVIDES THE CITY OF AVON LAKE PERMISSION TO PERFORM THE WORK NECESSARY FOR THE NORTH POINT DRIVE EROSION CONTROL PROJECT WITHIN THE LITTORAL LIMITS OF THEIR PROPERTY.

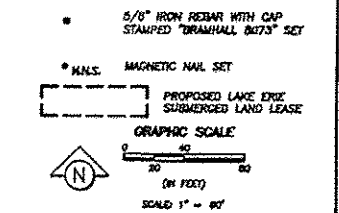
#### TABLE OF OWNERSHIP

(A)	04-00-030-101-009 DAVID NYE FARR & CAROL ANN FARR, CO-TRUSTEES VACANT LAND NORTH POINT DRIVE INST. #2011-0360072
(B)	04-00-030-102-012 LOIS J. SHUNK & ROBERT J. SHUNK 81 NORTH POINT DRIVE INST. #1998-0328741
(C)	04-00-030-103-001 ALLAN R. & MARY P. MHALIK 32028 LAKE ROAD INST. #2008-0164165
(D)	04-00-030-102-026 ROBERT J. SCHUSTER 32050 LAKE ROAD INST. #2004-0034738
(E)	04-00-030-102-011 LOIS J. SHUNK & ROBERT J. SHUNK 81 NORTH POINT DRIVE INST. #1998-0328741
(F)	04-00-030-102-010 ERIC J. HAMMER RICHARD J. SHERL, JR. 75 NORTH POINT DRIVE INST. #1999-0831386
(G)	04-00-030-101-008 SUSAN BEACH WANNENBACHER 70 NORTH POINT DRIVE VOLUME 1272, PAGE 746 VOLUME 1405, PAGE 688

- - - - - EXISTING 5 FOOT CONTOUR
- - - - - EXISTING 1 FOOT CONTOUR
- - - - - ORDINARY HIGH WATER MARK

NATURAL SHORELINE DETERMINED BY REVIEW OF HISTORIC AERIAL PHOTOGRAPHY AS PROVIDED BY OWNER OFFICE OF COASTAL MANAGEMENT.

- (U) (USED) USED INFORMATION
- (R) (REC.) RECORD INFORMATION
- (M) (MEAS.) MEASURED INFORMATION
- (C) (CALC.) CALCULATED INFORMATION



**SURVEYORS CERTIFICATION:**  
BEARINGS SHOWN ARE ASSUMED AND USED TO DESCRIBE ANGLES ONLY. A PORTION OF LAKE ROAD WAS ASSUMED TO BE N 67°28'30" W.

THIS SURVEY WAS PERFORMED IN ACCORDANCE WITH OHIO ADMINISTRATIVE CODE SECTION 4733-37



APPLICANT: *Amy M. Kelly*  
 CITY OF AVON LAKE  
 100 AVON BELDEN ROAD  
 AVON LAKE, OH 44012

PROVIDED BY: **BRAMBLA**  
 10000 WOODLAND ROAD, AVON, OHIO 44011  
 (419) 931-1700

NORTH POINT DRIVE SHORE PROTECTION AS-BUILTS  
 PROPOSED SUBMERGED LAND LEASE  
 4-9-2014 SHEET 8 OF 8

03295  
 APPROVED  
 LC  
 I  
 DATE 10-16-14  
 PAGE 4-00-80-A  
 BXJHfield  
 AX14-05275

Exhibit "A"