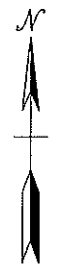


BOUNDARY LINE AND CURVE TABLE

CURVE	RADIUS	ARC LENGTH	CHORD LEN	CHORD BEARING	DELTA ANGLE	TANGENT
C1	404.09	73.63		S 72°07'54" W	10°28'22"	36.92
L2	77.21°06" W	197.15				
C3	665.70	223.41	222.36	S 67°44'14" W	19°13'43"	112.77
L4	S 73°28'59" W	175.13				
C5	173.43	129.99	126.94	N 85°02'57" W	42°58'08"	68.20
L6	N 65°34'53" W	142.99				
C7	430.00	248.65	245.20	N 80°08'49" W	33°07'53"	127.91
L8	S 83°17'15" W	196.08				
C9	3970.00	168.03	168.02	S 84°30'00" W	02°25'30"	84.03
L10	S 85°42'45" W	103.75				
C11	480.00	140.14	139.64	S 77°20'54" W	16°43'41"	70.57
L12	S 68°59'04" W	219.28				
L13	S 67°42'43" W	580.59				
L14	S 28°59'15" E	30.06				
L15	S 67°42'43" W	80.78				
L16	S 60°52'38" W	104.17				
L17	N 26°23'58" W	33.57				
C18	1830.00	244.82	244.58	S 57°25'36" W	08°38'20"	122.64
L19	N 28°30'24" W	90.54				
L20	S 57°59'39" W	136.51				
L29	S 73°37'29" W	37.04				
L30	S 68°20'51" W	123.21				
L31	S 68°48'52" W	68.88				
L32	S 72°52'06" W	115.94				
L33	S 78°49'07" W	81.57				
L34	S 79°42'41" W	49.77				
L35	S 79°28'48" W	135.91				
C19	1332.79	457.50	455.08	S 58°19'44" W	19°33'27"	
L38	S 68°16'01" W	250.87				
L37	S 68°16'01" W	25.72				
L38	S 49°13'59" E	135.29				
L39	S 49°13'59" E	13.53				
L40	S 49°13'59" E	134.61				
L41	N 68°16'01" E	120.00				
L42	N 68°16'01" E	120.02				
L43	N 21°52'47" E	119.58				
L44	N 68°12'25" E	119.72				
L45	S 68°16'01" W	182.10				
L46	S 68°16'01" W	188.41				
L47	N 21°43'59" W	120.00				
L48	N 21°43'59" W	12.00				

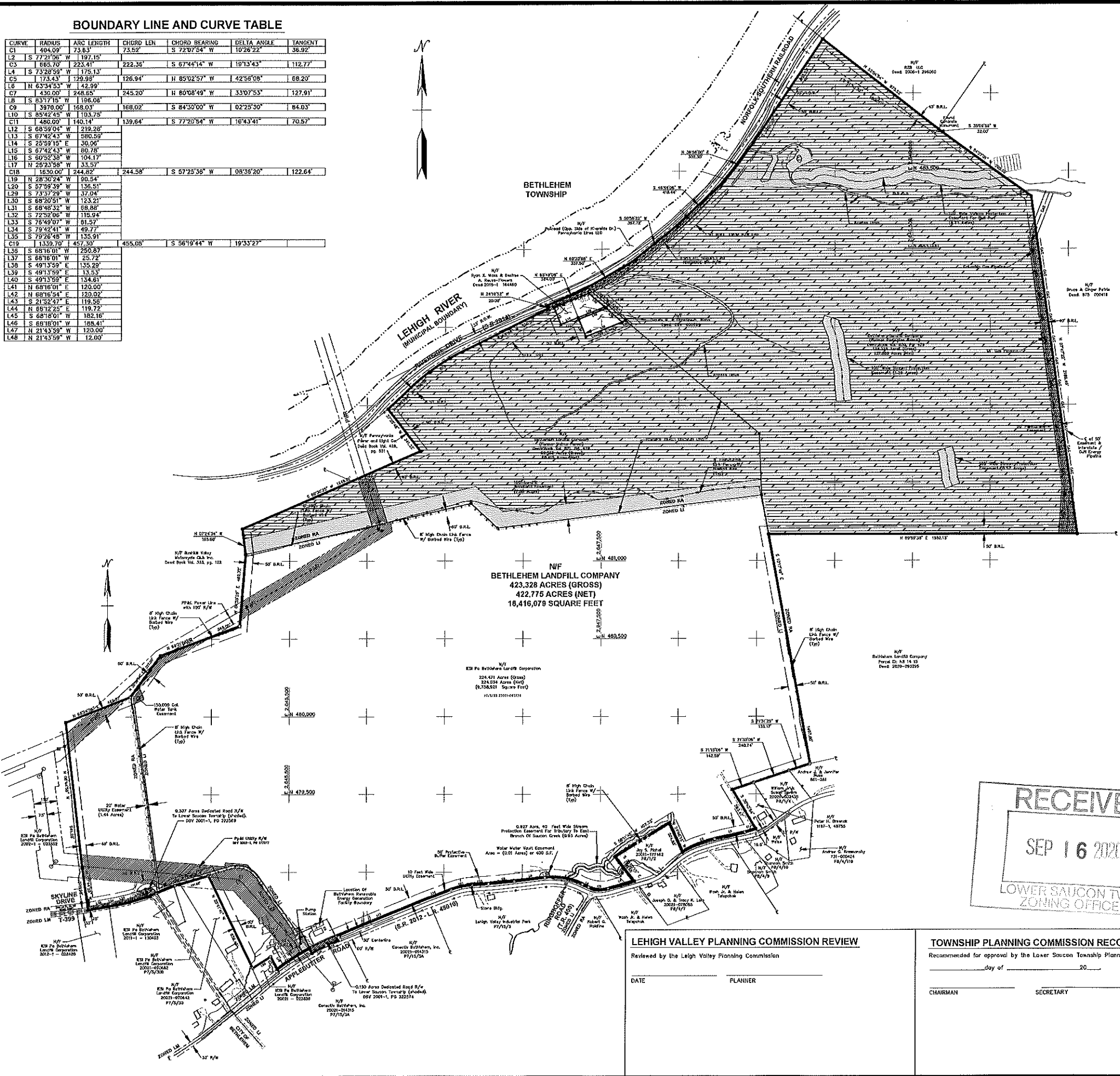


NOTES:

- This Plan is based upon a field boundary survey conducted February 17 to March 25, 1998 (existing landfill property described in DBV 1998-1, pg. 93368) and June 9 to 22, 2000 (three additional tracts) by Keystone Consulting Engineers Inc. Information is taken from plans prepared by Keystone Consulting Engineers, Inc. entitled "Final Lot Line Change and Land Development Plan" (dated 3-3-93, revised 2-28-01), "Property Boundaries" and "Corner Details" (date 6-30-00, revised 12-4-00), and "Boundary Survey along Lands now or formerly of City of Bethlehem" (Date 3-31-1998, Revised 7-16-98).
- UTILITY locations have not been shown on this plan as part of this survey. Certain utility poles and high tension towers have been shown for general site orientation only. PP&L Utility easement centerline descriptions were calculated, but not field surveyed nor specified in the assessments.
- Deed References: Northampton County Deed Books Vol. 1998-1, pg. 93368, Vol. 1998-1, pg. 110131, Vol. 787 pg. 94, and Vol. 1998-1, pg. 178935, Vol. 871, pg. 478, Vol. A91, pg. 140, Vol. 830, pg. 478, Vol. 672, pg. 484, Vol. 488, pg. 602, Vol. 751, pg. 614, Misc. Vol. 415, pg. 448 (Condemnation) and as shown on plan.
- This plan depicts a plane survey. Bearings and coordinates as shown upon this plan are based upon the Pennsylvania State Plane Coordinate System - NAD 83 (International foot conversion) as re-established for this survey using a baseline as indicated on City of Bethlehem Phase 3, Cells 3A and 3B, City Project LF-94-W01 drawings.
- Property line reflects boundary information taken from "Final Lot Line Change and Land Development Plan" prepared by Keystone Consulting Engineers, Inc. recorded in Map Book Volume 2001-5, Page 291, and "Boundary Survey along lands now or formerly of City of Bethlehem prepared by Keystone Consulting Engineers, Inc. Dated 3-31-1998, Revised 7-16-98.
- The woodland preservation easement on the City of Bethlehem land, recorded in Northampton County deedbook Volume 1994-6, Page 12081, is acknowledged by Bethlehem Landfill Company.
- A Scenic Conservation Easement on the Former Helms and Redington Parcels, Recorded in Northampton County Deedbooks 1984-6, Page 12074 and 1994-6, Page 12081, is Acknowledged by Bethlehem Landfill Company.
- Monitoring wells on the City of Bethlehem land are accessible by easement as recorded in Northampton County deedbook Volume 1998-1, Page 093435.
- Property subject to a proposed 10 foot wide utility easement along the Northernly R/W of Applebutter Road as shown.
- Lower Saucon Authority waterline easements are plotted in accordance with the following documents: Misc 503, PG 437 (Pump Station Easement); Record Book 1994-6, PG 77678 (150,000 Gal. Water Tank and Dual Pipeline Easement) as recorded in Northampton County.
- Lands N/F of Dennis and Christine Hahn and N/F of Ryan X. Masa and Debra A. Reuss-Flowers as shown represent their Record Boundaries as described in their respective Deeds of Record. Both Deeds refer to a "Plan of Lots held out by Abraham S. Shiner" and describe boundaries along certain roads that were never opened. The Deeds do not mention the width of the said streets and the above mentioned plan was not recorded. This survey subject to any rights that may exist in the area of the above mentioned roads.

LEGEND

- EX. IRON PIN, IRON PIPE, RR SPIKE, PK NAIL, OR NAIL SPIKE.
- PREVIOUSLY SET IRON PIN, PK NAIL OR RR SPIKE, AS PER KEYSTONE ENGINEERING SURVEY.
- ⊙ FOUND RAILROAD MONUMENT
- ⊙ SIGNIFICANT TREE FOUND
- FOUND STONE CORNER
- FOUND RR TIE ON END
- FOUND CONCRETE MONUMENT
- UTILITY POLE
- ⊕ HIGH TENSION TRANSMISSION LINE TOWER
- ▲ ANGLE IRON/FENCE POST FOUND
- BUILDING RESTRICTION LINE (B.R.L.)
- PROPERTY LINE(423.328 AC. CONSOLIDATED LOT)
- EASEMENT LINE
- RIGHT OF WAY LINE
- ADJOINING PROPERTY LINE - R/W LINE
- EDGE OF ROAD
- FENCE
- CENTERLINE
- STONE ROW FOUND
- FACILITY LICENSE BOUNDARY (BETHEHEM RENEWABLE ENERGY, LLC)
- FORMER DEED DIVISION LINE
- TO ENERGY (COLUMBIA GAS TRANSMISSION)
- PP&L POWER LINE
- ZONING BOUNDARY (LI - LIGHT INDUSTRIAL, RA - RURAL AGRICULTURAL, LM - LIGHT MANUFACTURING)
- R/W AREAS = 13.77 ACRES
- EASEMENT AREAS = 16.31 ACRES
- SCENIC CONSERVATION EASEMENT ACREAGE = 196.857 ACRES



NO.	REVISION	DATE
1	LOT CONSOLIDATION	08/10/20

PROPERTY BOUNDARY AND LOT CONSOLIDATION PLAN
 PRELIMINARY / FINAL LAND DEVELOPMENT PLAN, SITE PLAN AND LOT CONSOLIDATION PLAN
 LOWER SAUCON TWP.
Bethlehem Landfill Company
 PENNSYLVANIA

OWNER'S CERTIFICATION
 COMMONWEALTH OF PENNSYLVANIA
 COUNTY OF NORTHAMPTON
 We, the undersigned, the owners of the property shown on this plan, being duly sworn according to law, depose and say that we are sole owners of this property in peaceful possession of the same and that no suits pending affecting the title of the same. We further depose and say that this plan was made at our direction and that we desire the same to be recorded.
 DAVD PANNICCI (OWNER) PRINT
 (OWNER) SIGNATURE

Sworn to and subscribed before me this _____ day of _____ 20____
 NOTARY PUBLIC

LEHIGH VALLEY PLANNING COMMISSION REVIEW
 Reviewed by the Lehigh Valley Planning Commission
 DATE _____ PLANNER _____

TOWNSHIP PLANNING COMMISSION RECOMENDATIONS
 Recommended for approval by the Lower Saucon Township Planning Commission this _____ day of _____ 20____
 CHAIRMAN _____ SECRETARY _____

TOWNSHIP COUNCIL APPROVAL AND TOWNSHIP ENGINEER REVIEW
 Approved by the Lower Saucon Township Council this _____ day of _____ 20____
 SECRETARY _____ COUNCIL PRESIDENT _____
 Reviewed by: _____
 TOWNSHIP ENGINEER _____
 This _____ day of _____ 20____

CADD FILE: 1162.4-LDP-02.dwg
 DATE: 08/10/20
 SCALE: 1" = 300'
 DRAWING NO. 2 of 17