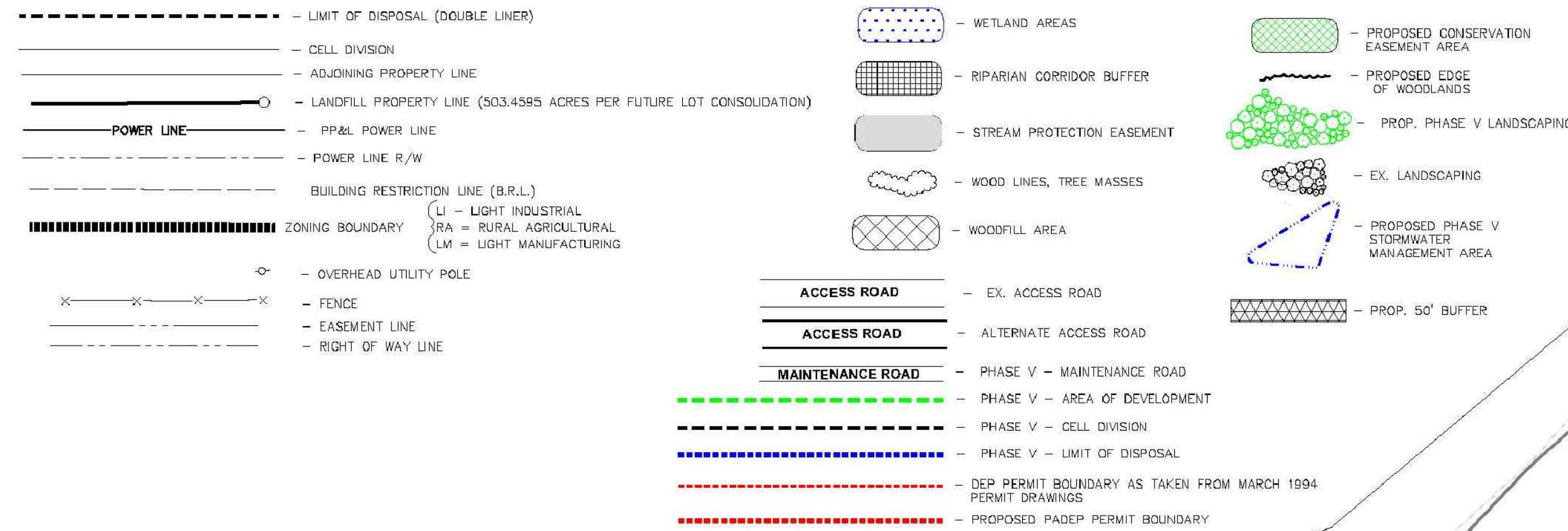


KEY / LEGEND



SOILS

UNIT	DESCRIPTION
CaB	Califen loam, 3 to 8 percent slopes
GIB	Gladstone gravelly loam, 3 to 8 percent slopes
GIC	Gladstone gravelly loam, 8 to 15 percent slopes
GmB	Gladstone gravelly loam, 0 to 8 percent slopes, very bouldery
GmD	Gladstone gravelly loam, 8 to 25 percent slopes, very bouldery
GmF	Gladstone gravelly loam, 25 to 55 percent slopes, very bouldery
GmD	Gladstone-Parker gravelly loam, 15 to 25 percent slopes
Mb	Middlebury Silt loam
RzF	Ryder-Rock outcrop complex, 25 to 75 percent slopes
Ubb	Udorthents, limestone, 0 to 8 percent slopes
UfB	Udorthents, sanitary landfill
UkaB	Urban land- 0 to 8 percent slopes
UupB	Urban land-Udorthents, schist and gneiss complex, 0 to 8 percent slopes
WaB	Washington Silt loam, 3 to 8 percent slopes
WaD	Washington Silt loam, 15 to 25 percent slopes

SOURCE: NATIONAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY AND NRCS SOIL DATA MART.

SITE DATA:

PROPERTY AREA:	503.4595 AC. (GROSS AREA OF FUTURE CONSOLIDATED LOT) MIN REQ'D = 4 ACRES.
ZONING DISTRICT:	U (LIGHT INDUSTRIAL), RA (RURAL AGRICULTURAL) LM (LIGHT MANUFACTURING)
YARD REQUIREMENTS:	(RA) - FRONT: MIN. 50 FEET; SIDE: MIN. 40 FEET; REAR: MIN. 50 FEET. (U) - FRONT: MIN. 50 FEET; SIDE: 50 FEET; REAR: MIN. 50 FEET SIDE & REAR = 75 FT. MIN. FOR U ZONED PROPERTY ADJUTING RESIDENTIAL
EXISTING & PROPOSED USE:	LANDFILL, U DISTRICT & RING FACILITY AS ACCESSORY USE WATER: PUBLIC WATER (LOWER SAUCON AUTHORITY) SEWER: PUBLIC SEWER (LOWER SAUCON AUTHORITY) MAXIMUM IMPERVIOUS COVERAGE: 60% (AS PER 180-82)
PROPOSED IMPERVIOUS COVERAGE:	6.6% - 33.12 ACRES (EXISTING = 26.37 AC. PROPOSED = 6.75 AC.)
MINIMUM LOT WIDTH:	300 FEET (INDUSTRIAL USE) NO SUBDIVISION PROPOSED
MAXIMUM HEIGHT:	35 FEET (RA), 50 FEET (U, LM, INDUSTRIAL USE) ALT. SCALE HOUSE & TRUCK WASH FACILITY NOT TO EXCEED MAXIMUM HEIGHT OF 50 FEET AS REQUIRED.
MAXIMUM BUILDING COVERAGE:	30%
TOTAL BUILDING COVERAGE:	<1%
OFFSTREET PARKING:	NO NEW OR MODIFICATIONS TO EXISTING OFFSTREET PARKING AREAS ARE PROPOSED EXISTING FOR LANDFILL OPERATION: 11 PARKING SPACES (ONE REQUIRED / EMPLOYEE - 9 EMPLOYEES) EXISTING FOR RING FACILITY OPERATION: 4 PARKING SPACES (ONE REQUIRED / EMPLOYEE - 2 EMPLOYEES)

LANDSCAPING AND SCREENING DATA:

- SETBACKS: EARTHEN BERMS - 50 FEET FROM PROPERTY BOUNDARY
NON DISTURBANCE SETBACK = 80 FEET
LANDFILL ACTIVITIES - 100 FEET FROM PROPERTY BOUNDARY
LANDFILL ACTIVITIES - 100 FEET FROM PUBLIC ROAD R/W
LANDFILL ACTIVITIES - 300 FEET FROM OCCUPIED DWELLING OR COMMERCIAL / INDUSTRIAL BUILDING
 - MINIMUM BUFFER YARD WIDTH: 20 FEET
 - PROPOSED BUFFER YARD WIDTH: 50 FEET (LIMITS AS DEPICTED HEREIN)
 - NO PERIMETER EARTHEN BERM IS PROPOSED FOR THE AREA WHERE NEW DISPOSAL AREA WILL BE LOCATED. PURSUANT TO SECTION 180-109.F (2) (a) (4) BLC RESPECTFULLY REQUEST THAT TOWNSHIP COUNCIL DETERMINE THAT THE EXISTING FEATURES SERVE AS AN ACCEPTABLE SUBSTITUTE FOR THE BERM REQUIREMENTS. EXISTING LANDSCAPE FEATURES (TREES, SHRUBS & GROUND COVER) ARE MAINTAINED WITHIN 80 FEET OF THE PROPOSED LINE CONSTRUCTION OF A PERIMETER BERM WOULD RESULT IN REMOVAL OF THE EXISTING LANDSCAPE FEATURES IN THESE AREAS.
- RELIEF FROM THE PERIMETER EARTHEN BERM REQUIREMENT FOR THE PHASE V WAS GRANTED BY LOWER SAUCON TOWNSHIP COUNCIL ON

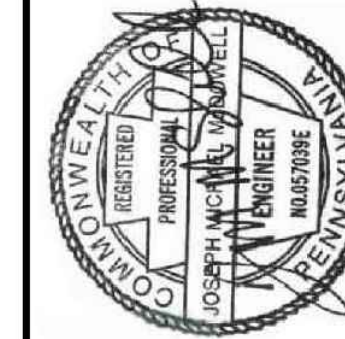
N 479760.4236 E 2647566.0403 N 479757.9465 E 2647397.4028	N 479772.0929 E 2647732.4440 N 479800 E 26478000 N 479707.1144 E 2647762.4532 N 4799400 E 2647500 N 479635.2374 E 2647561.6738
COVENANT AREA / NO WASTE TO BE PLACED HERE (15,316 S.F.)	

COVENANT AREA / NO WASTE TO BE PLACED HERE DETAIL

BENCHMARKS

BENCHMARKS	COORDINATES	ELEVATION
BM-1A	BENCH MARK PT.1 DRILL HOLE IN CHISEL CUT LMC-8	N 478,993.68 E 2,646,105.87 ELEV. 458.24
BM-2A	BENCH MARK PT.2 DRILL HOLE IN CHISEL CUT LMC-7	N 479,153.22 E 2,646,622.28 ELEV. 471.28
BM-3A	BENCH MARK PT.3 DRILL HOLE IN CHISEL CUT LMC-6	N 479,350.87 E 2,647,281.69 ELEV. 471.24
BM-4A	BENCH MARK PT.4	N 479,422.68 E 2,647,595.57 ELEV. 480.29

- EXISTING BUILDING INVENTORY
- OFFICE / SCALEHOUSE - (1 STORY, 1,624 SF, BUILT 2007.)
 - TRUCKWASH - (1 STORY, 664 SF, BUILT 2003.)
 - MAINTENANCE BUILDING - (1 STORY, 6,165 SF, BUILT 2005.)
 - GAS PLANT - (1 STORY, 217 SF, BUILT 2009.)
 - RING PROCESS BUILDING - (1 STORY, (2 BLDGS) 10,365 S.F.) (APPROVED CONSTRUCTION PENDING)



NO.	REVISION	DATE
1	AS PER 17/24/23 HANOVER LETTER	02/23/23

Meiser & Earl Overlay
on Sheet 10 of 12 of Conditional Use Development Plan
NORTHAMPTON CO.
BETHLEHEM LANDFILL PHASE V EXPANSION CONDITIONAL USE APPLICATION PLAN
Bethlehem Landfill Company
PENNSYLVANIA

martin and martin incorporated
phone: (717) 37 south main street • suite A
264-6759 chambersburg, pennsylvania . 17201

CADD FILE:
1162.6-ZP-10.dwg
DATE:
APRIL 2023
SCALE:
1" = 300'

DRAWING NO.
10 of 12

EXHIBIT

BLC 97

- Existing Monitoring/Exploratory Wells
- Groundwater Divide
- Existing Well/Background Monitoring Well
- Existing Well/Proposed Monitoring Well
- Proposed Exploratory Well
- Proposed Exploratory Well/Background Monitoring Well
- Proposed Exploratory Well Group for Vertical Gradients
- Proposed Monitoring Well
- Proposed Surface-Water Monitoring Point

FILE: 1162.6-(Phase 5 Zoning Plan) 1162.6-ZP-10.dwg