

SWANA TECHNICAL ASSISTANCE PROJECT

MONTOUR COUNTY RECYCLING DROP-OFF SITE

DECEMBER 2000

Prepared For:

**MONTOUR COUNTY
COMMISSIONERS**

Prepared By:



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Problem Statement

Montour County currently has two (2) drop-off sites within the County located in Valley Township and Anthony Township. Danville Borough and Mahoning Township operate curbside recycling programs in the County. Currently, materials collected at the drop-off sites include aluminum, steel, plastics (#1 & 2), glass, corrugated cardboard, and old newspaper.

Project Scope

A recycling drop-off site can be effectively and conveniently located at the intersection of Woodbine Lane and Circle Drive. The site is strategically located for ease of access, manageable traffic flow, and minimal impact on surrounding areas.

An existing barn owned by Montour County and located adjacent to the Montour County Human and Community Services Building at 112 Woodbine Lane, just outside Danville, PA is available for use as a centralized recycling materials drop-off site. The County Commissioners intend to use the approximately 13,000 sq.ft. (floor space) two-floor structure for collection and storage of recyclable materials (same as those listed above). The materials will be stored and sold to market (preferably by contract between the county and vendor) at the most favorable market conditions for the highest monetary return to the county. The facility will not be used for the processing of recyclable material. The structure (currently a barn used for minor county equipment storage) will be renovated and upgraded to strengthen the building foundation and appearance as well as to improve vehicular access to the site.

It is the intention to locate the recycling coordinators office within the barn, as well as to provide a recycling education area for the residents of Montour County. Refer to the Conceptual Site Design for detailed site information.

The drop off site will be fenced in to prevent uncontrolled access, as well as non-recyclable material from being deposited at the site.

The site will contain six (6) 6 cu. yd A-Quip drop-off recycling containers for residents to place aluminum, steel, plastic, cardboard and old newsprint. Typical costs for each of the A-Quip containers is \$4,000-\$8,000. A number of undetermined larger sized containers (i.e. 3-20 cubic yard roll-off containers) for individual recyclable materials will be used to store materials for transport to market.

The county has solicited construction estimates from a number of local contractors to determine approximate costs for building renovations. Structure improvements include:

- Replace roof with new 29 gauge painted fabricated steel (1" x 4") tiles (work includes recycling of existing roof (steel) and haul and disposal of other non-recyclable material)

- Replace siding with new 29 gauge painted fabricated steel siding (work includes recycling of existing siding (steel) and haul and disposal of other non-recyclable material)
- Replace 2 -- 8x8x10 posts (structure stability)
- Replace 16 -- 6x8x16 joist (structure stability)
- Replace 1 -- 8x8x16 beam (structure stability)
- Replace 1 -- 8x8x22 beam (structure stability)
- Replace concrete foundation wall (62') with 8x24 concrete footer 36" into ground with 6' row of 10" blocks (foundation stability).

Additional improvements include paving for parking, public vehicular ingress and egress from Industrial Park Road, and paving for placement of drop-off recycling containers, as well as landscaping and fencing. Initial cost estimates for the above renovations and site improvements are approximately \$50,000.

Recommendations/Conclusions

The following are recommendations and conclusions the county should consider and implement for to ensure a successful project:

- The county will need to solicit construction bids/estimates for detailed construction cost estimates for Barn rehabilitation and site improvements as listed above.
- Develop a detailed 5-year plan outlining structure usage (including recycling coordinators office, recycling materials collection and storage, site access, etc.) and present and future program goals and objectives.
- Finalize the proposed site design and layout.
- The county must solicit transport and processing agreement(s) with a material processing company to collect and haul materials from site to market.
- The county must follow Pennsylvania Act 57 to ensure no private recycling businesses located in Montour County are affected by the proposed project. The PADEP will assist the county with the Act 57 process requirements. This process must be followed in order to obtain Act 101-Section 902 recycling grants that must be secured for successful project completion.

General Location Map



Industrial Park Road

Woodbine Road



Montour County Recycling Drop-Off Site

Legend

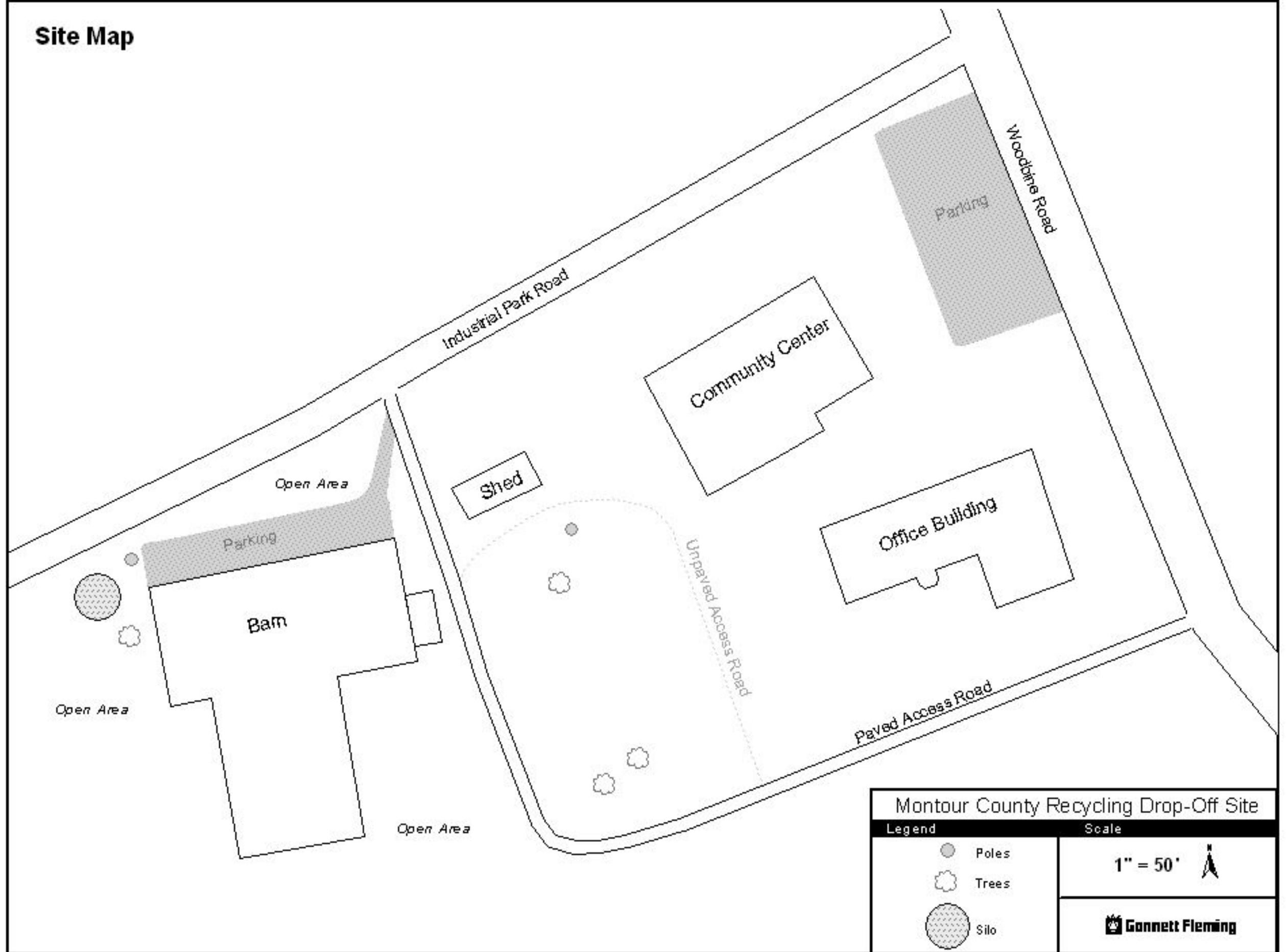
-  Building Footprint
-  Parking
-  Road
-  Unpaved Road

Scale

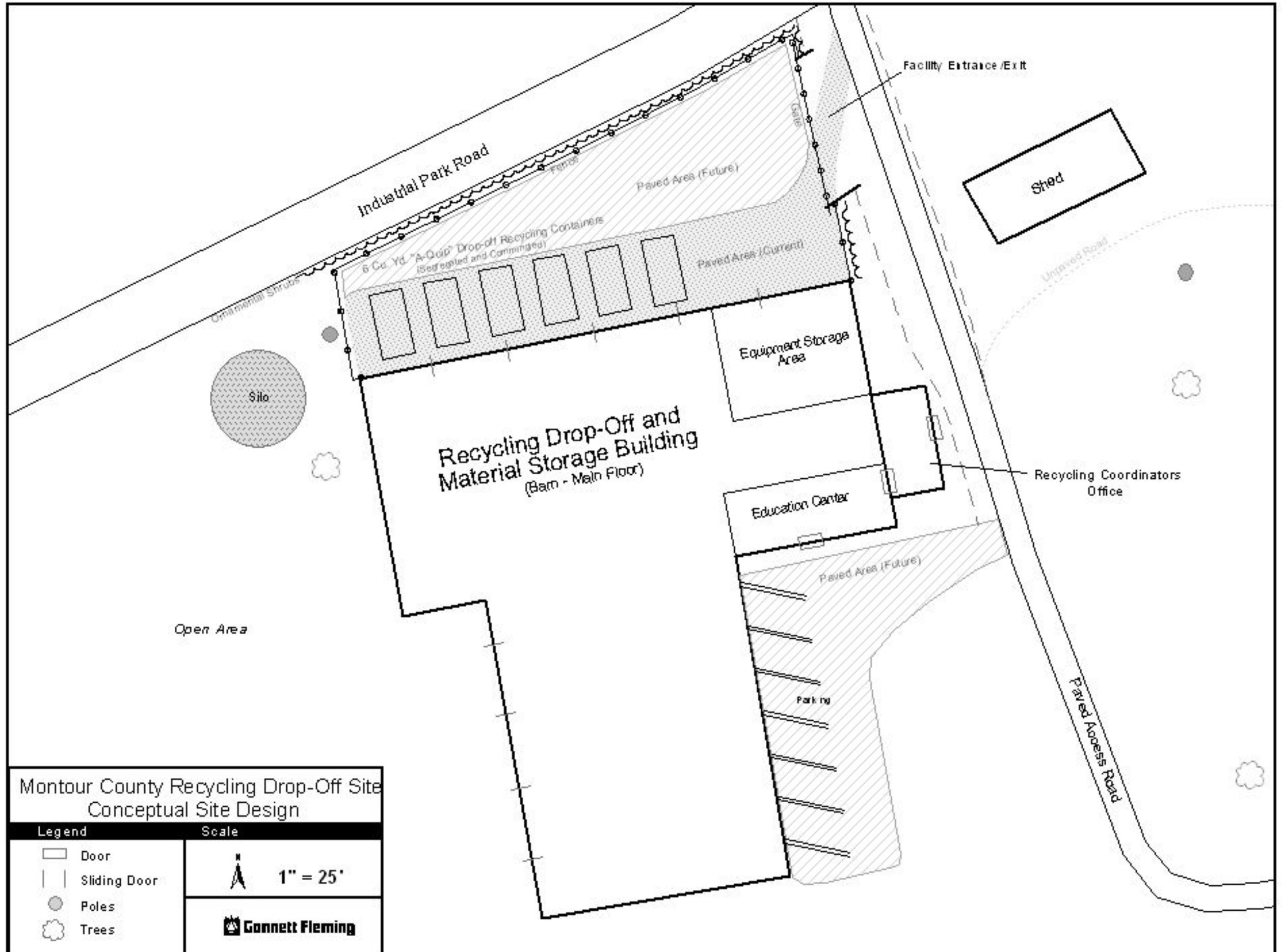
1" = 200'



Site Map



Montour County Recycling Drop-Off Site	
Legend	Scale
 Poles	1" = 50' 
 Trees	
 Silo	 Gonnett Fleming



Montour County Recycling Drop-Off Site
Conceptual Site Design

Legend		Scale	
	Door		1" = 25'
	Sliding Door		
	Poles		
	Trees		