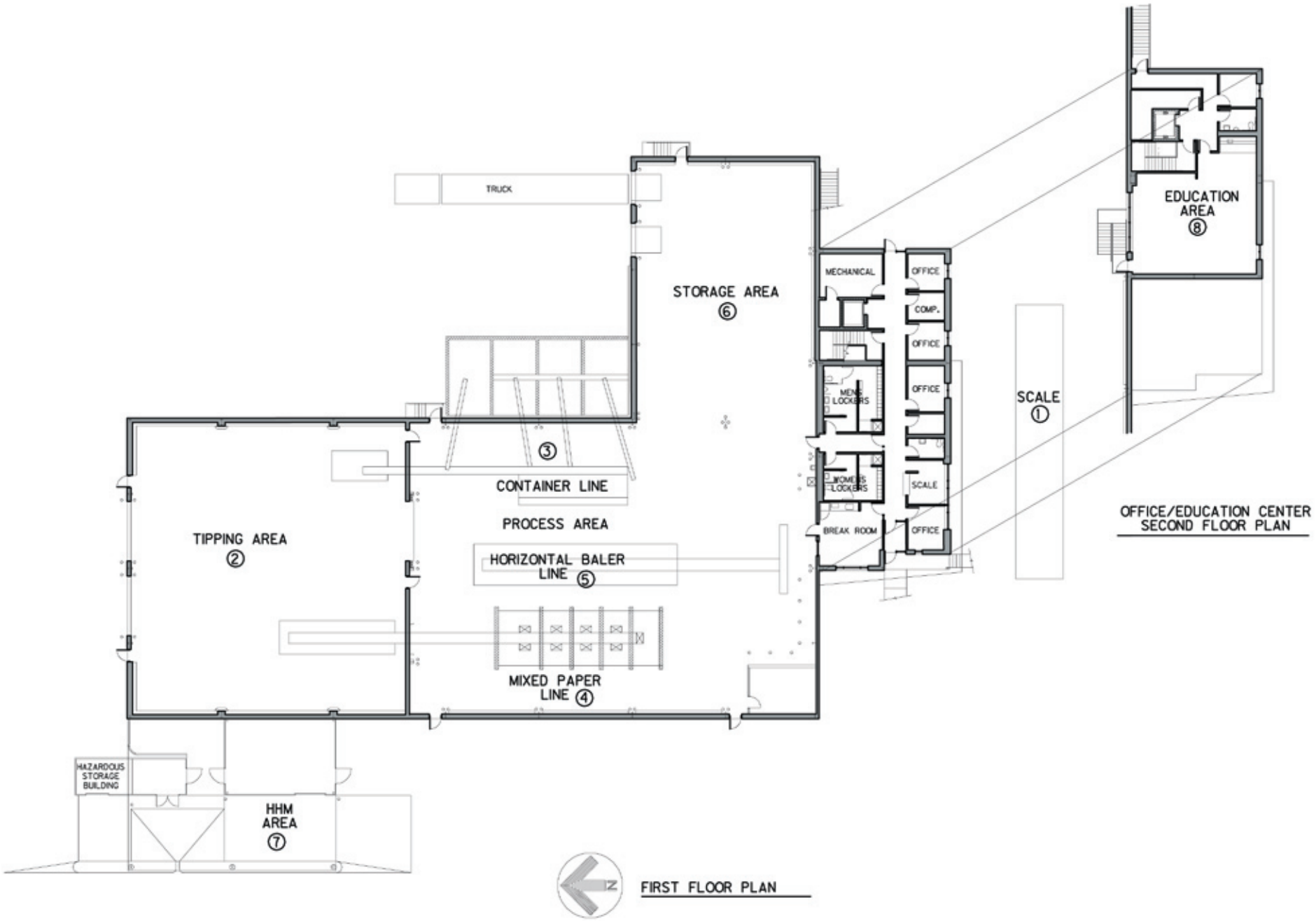
SCOTT AREA RECYCLING CENTER



FIRST FLOOR PLAN

OFFICE/EDUCATION CENTER
SECOND FLOOR PLAN

The Scott Area Recycling Center opened in 1995. It processes 40 tons per day of residentially generated recyclables. All communities in Scott County have curbside recycling programs. Davenport and Bettendorf provide municipal collection and outlying communities hire private contractors for their service. Drop-off recycling is available to those without curbside collection.

1. **Scale** - All trucks are weighed and charged a tipping fee of $23.00 per ton. Tipping fees have never increased at this facility. Income on outgoing material varies by commodity. A recent 12-month commodity average was $94 per ton.

2. **Tipping Area** - Material is sorted by residents into two waste streams: paper products and commingled containers. The materials are collected in split-bodied trucks and received in the tipping area in two separate streams. The tipping area can hold up to 120 tons, or a 3-day supply of material. There are 40' doors to accommodate the trucks and a specially designed fire suppression system.

3. **Container Line** - The trommel screen removes any debris under 2 inches in diameter, such as caps and broken pieces of glass. After the trommel screen, an electrostatic magnet pulls the steel cans from the stream. The remaining material moves on and an air separator sorts out the "heavy" items (glass) from the "light" items (plastics and aluminum). Glass proceeds down the conveyor nearest the wall and is sorted by color: brown, green, and clear and is crushed outside the facility. The light items head onto the conveyor nearest the aisle and are sorted by hand into: #2 HDPE natural, #2 HDPE colored, #1 PETE, and aluminum. Materials are dropped down chutes into square collection baskets. These baskets are emptied with a forklift onto a conveyor that takes them to the baler.

4. **Fiber (paper) Line** - Materials are sorted by hand and are dropped down chutes into the bunkers below. One central conveyor is used and workspace is utilized on both sides of the conveyor. First, cardboard and kraft paper are pulled from the stream and dropped into the first two bunkers below. Next, boxboard is dropped into the third bunker. Then office stock, shredded or whole, is pulled. Lastly, newspaper and magazines (ONP8) are sorted out by a "negative sort" method. This means it is not pulled out; it simply is left on the conveyor belt and the conveyor sends it into the bunker below.

5. **Baler** - All material, except glass, is baled. The baler in use is an American Baler. Typical processing capacity is 40 bales per day. Compaction capabilities are controlled by a computer programmed with material type and compaction needed to produce market-acceptable bales. The baler compacts with pressure of up to 3,000 pounds per square inch. Each bale is tied in four places with wire and is tagged for shipment.

6. **Storage Area** - Bales are stored in the storage area prior to shipment. All materials ship from two loading docks. Bales weigh between 400 and 2,000 pounds, depending on material type. Once enough material accumulates to fill a truck, material is shipped. Typically one trailer is always docked to receive newspaper. Newspaper makes up 28 of the 40 tons processed daily at the Scott Area Recycling Center. The truck, that comes from a paper mill in Canada to deliver newsprint to local newspapers, parks its empty trailer in the dock. Twenty-two bales of newspaper are loaded and the next day the trailer returns to the paper mill. These newspapers are returned to the papermaking process and will most likely be turned into more newsprint, which will come back to the area. The same "paper" is read over and over again.

7. **Household Hazardous Material (HHM) Satellite** – This facility opened in Fall of 2001 and is staffed by appointment only. Materials are sorted and prepared for shipment to our permanent facility at the Landfill. There, the materials will be recycled, lab packed, loose packed or bulked.

8. **Education Area** – This addition opened in Winter of 2001. Built in part with a grant from IDNR, this education center showcases recycled materials and the recycling process. The processing area can be observed through a large overlook window. Tours and classes are able to see the sorting in action. TV cameras, placed in key areas, help groups see the individual work areas and processing activities. The education area accommodates groups of up to 100 and can be accessed by the elevator.