

WASTE MANAGEMENT PLAN

FIRST CHILDREN SCHOOL FACILITY @ THE KOINONIA ACADEMY Block 509 Lot 1.02 1108 Plainfield Avenue, Plainfield, N.J.

2.0 Waste Management Areas

As indicated on the architectural floor plan, waste is collected daily from the school custodians and brought to the waste storage area, where the following waste containers are available:

Waste Containers – Two 4 cu yds (size)

Waste Recyclable – One 4 cu yds (size) + One 2.5 cu yd (cardboard) (size)

3.0 Waste Hauler

The Plainfield Municipal Utility Authority (PMUA) will be contracted to collect waste from the project site.

PMUA utilizes 28 to 30 cubic yard rear loader waste trucks. The waste trucks have a clearance height of **12 ft 10** inches. The width of the waste truck is less than 8.5 ft wide. SEE FIGURE 2. The PMUA Rear Loader Truck utilizes a trunion bar of 78" wide.

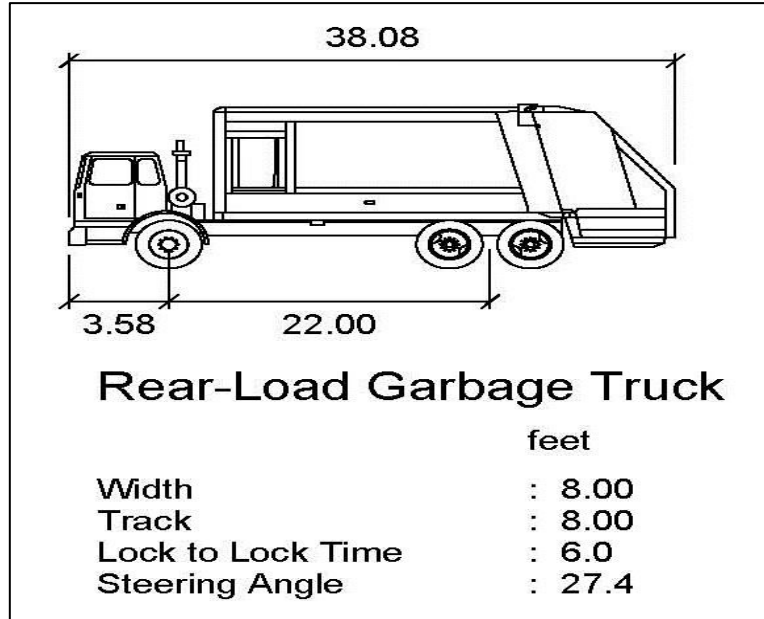


Figure 2 Typical Rear Loader Waste Truck with Dimensions

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4.0 Waste Collection

4.1 Waste Management

The school will be served by two 4 cubic yard containers for waste, one 4 cu yd recycling container, and one 2.5- cu yd container for cardboard located within the south portion of the parking lot.

The waste and recyclables will be collected from each classroom and common areas and brought to the outside storage area daily by custodial staff.

Waste will be picked up at the school twice a week.

The container must have a trunnion bar not greater than 78 inch, which is used to lift the container into the rear loader truck.

4.2 Waste Recycling Plan

Recycled products will consist of two components: cardboard and co-mingled recyclables (glass, plastic; paper; metal).

4.3 Bulk Waste Collection

Bulk waste generated by the school will be brought to the waste storage area. Waste will be picked up by a private hauler or the Plainfield PMUA as needed. Bulk waste will be stored within the waste storage area.

4.4 Waste Storage Area Sizing and Location

The 17 ft by 24 ft waste storage area is located within south side of the parking lot. The waste storage area can accommodate three 4- cu yd containers, one 2.5-cu yd container and also has space for bulk waste storage.

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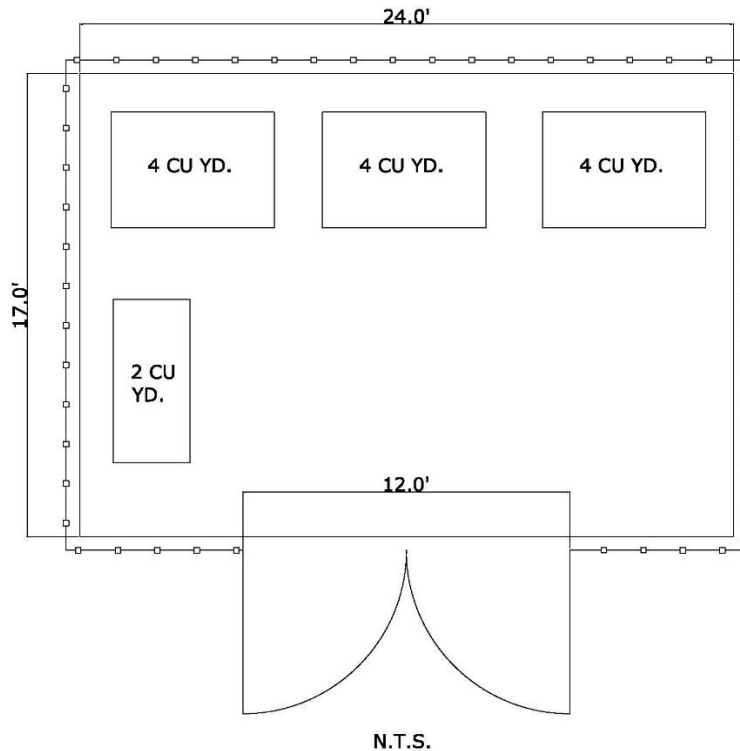


FIGURE 2 – Waste Storage Area

4.5 Waste Truck Route

The waste collection trucks will access the site from Plainfield Avenue or Sherman Avenue. The waste trucks enter the site, back into the waste storage area, load the waste and exit onto Plainfield Avenue or Sherman Avenue.

Waste is picked up as required, but typically twice a week for the recyclable waste and once a month for the bulk waste.

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	2.5 YARD Rear Load	H: 49" L: 50" W: 77"
	4 YARD Rear Load	H: 48" L: 84" W: 77"

FIGURE 3 – Typical 4 cu yd and 2.5 cu yd container

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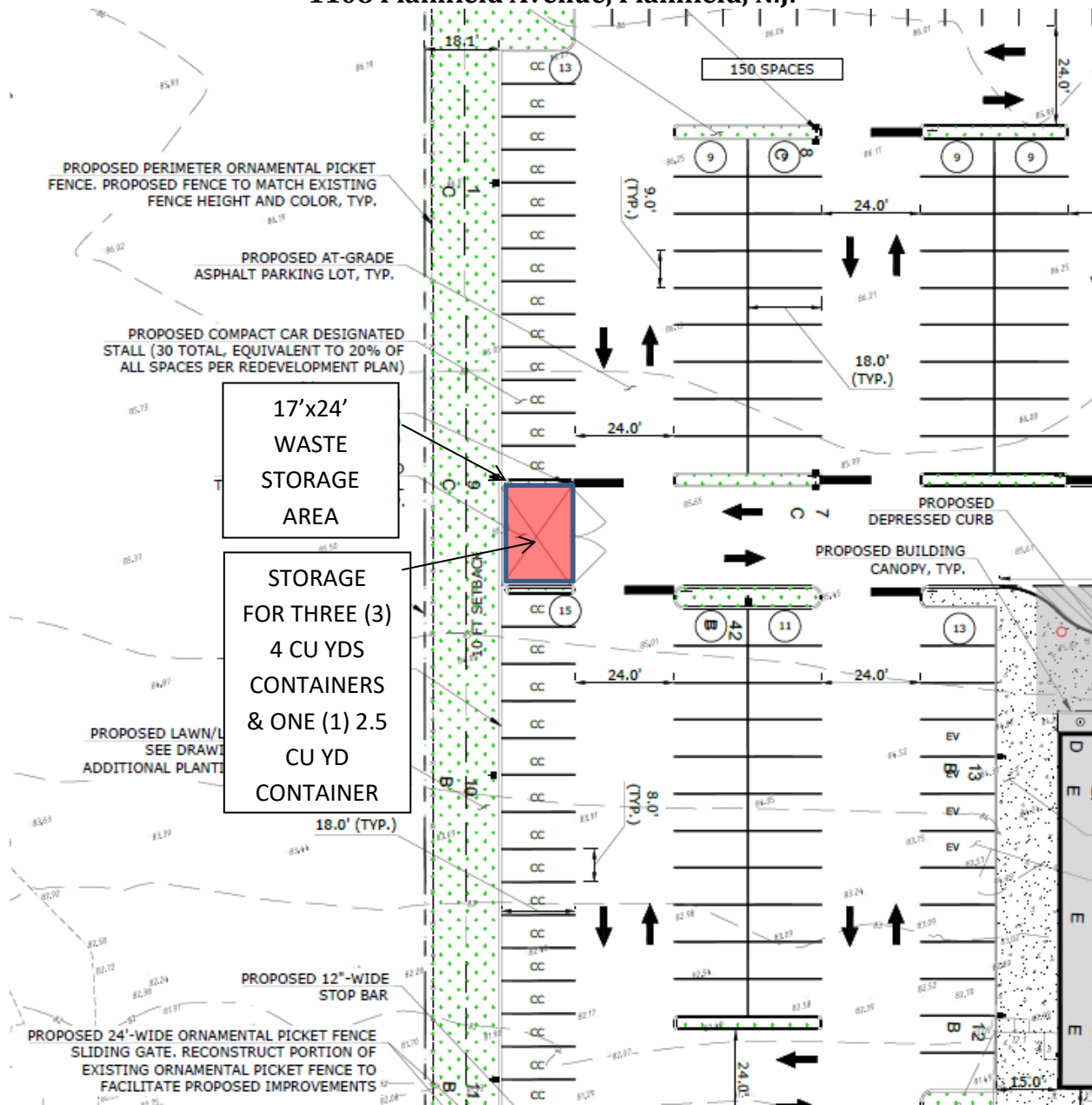


FIGURE 4 – Site Plan Waste Storage Area

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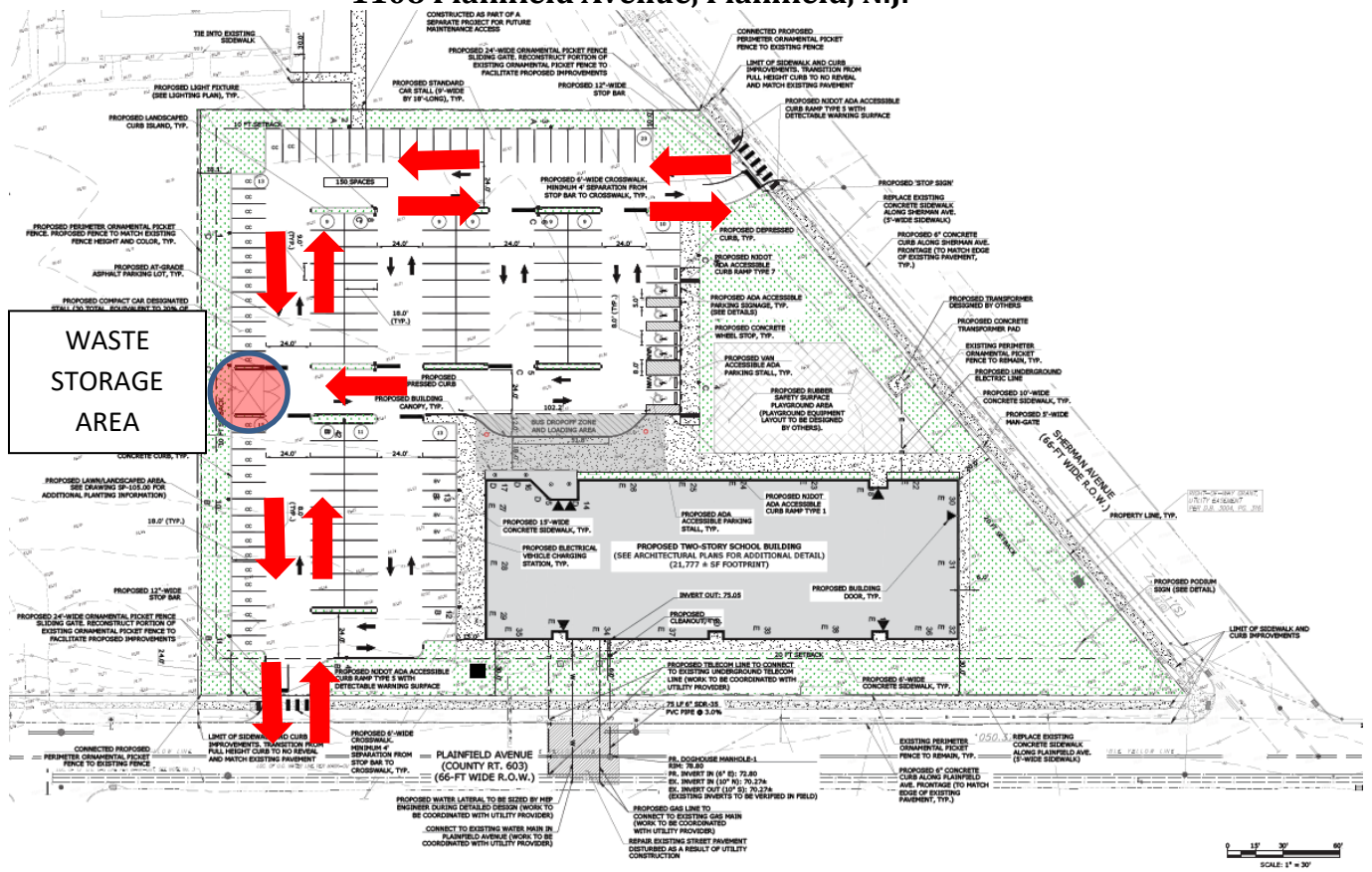


FIGURE 5 – Waste Truck Route

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4.0 Waste Pick-up Schedule

Waste Pick-up Schedule			
Waste Source Area	Estimated Pick-up Trips per week (Note 2)	No. of Containers	Estimated Volumes/Week
School waste	2	2-4 cu yds	4 cu yds
Recyclables (Note 1)			
Cardboard	1	1 – 2.5 cu yd	1 cu yds
Comingled Recyclables (Glass/Plastic/Metal/Paper)	1	1-4 cu yds	1 cu yds
Bulk Waste	1 per month	N/A	N/A

Note 1- Alternating weeks between each waste stream

Note 2- Actual numbers of pick-ups will depend on actual waste generated by the site.

5.0 Waste Generated on the Site:

The proposed development will require two 4 cu.yd. containers for solid waste, one 4 cu. yd. container for recycled waste and one 2.5 cu yd container for cardboard, for a total of 4. The bulk storage will not require a waste container.

Each classroom and common area will have waste bins for regular waste and recyclable waste for glass, plastic, paper and metal which will be collected and brought out to the waste storage area within the parking lot by the custodial staff. Solid waste and recycled waste will be collected twice a week or as needed.

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Truck Deliveries:

THE EXPECTED DELIVERIES AT THE PROPOSED DEVELOPMENT WILL BE PRIMARILY FOR MAIL DELIVERY, PERIODIC MAINTENANCE, AND WASTE PICK-UP.

Type of Truck	Weekly Truck Deliveries/Trips
Mail Truck	5
Waste Trucks	2
Recycle Pick-up Truck	1
Maintenance trucks/vans	2
Miscellaneous truck delivery	1
Total # of Weekly Truck Deliveries	11

Types of Trucks

Mail Deliveries-	Van
Supply Deliveries-	Box Truck/Van
Waste Truck-	Typical 25 ton

* No Trailers are planned for this site

Delivery Schedule: THE DELIVERIES WILL TAKE PLACE EITHER BEFORE OPENING HOURS (7:00 AM) OR AFTER HOURS (AFTER 5:00 PM) AND DURING DAYTIME NON-RUSH HOURS.

Number of Deliveries: THE EXPECTATION FOR THE AVERAGE NUMBER OF DELIVERIES FOR THE PROPOSED DEVELOPMENT WILL BE APPROXIMATELY **11 TRUCK DELIVERIES PER WEEK**, OR ON AVERAGE **ONE (1) TO TWO (2) TRUCKS PER DAY**. TRUCK DELIVERIES WILL ACCESS THE SITE VIA THE PROPOSED DRIVEWAY ON PLAINFIELD AVE OR SHERIDAN AVE AND TRAVERSE THE SITE TO THE PROPOSED WASTE STORAGE AREA LOCATED IN THE SOUTH PORTION OF THE PARKING LOT.