

Sheet Title **SITE PLAN**

Project Title **RECYCLING DROP OFF DEPOT  
YELLOWKNIFE. N.W.T.**

Revision

**HOUSING**  
Northwest Territories  
Housing Northwest Territories | Infrastructure Services

Design by	AM
Drawn by	AM
Approved by	M. M.

Job No.	
Scale	1 : 500
Date	

Drawing No.  
**PLAN  
001**

# **Zoning By-law and/or Community Plan Amendment Application- Housing NWT.**

**Function:** The 'Drop and Go' sea can functions as a storage container for bags of empty beverage containers much like the City's recycling drop off bins at School Draw and the Co-op parking lot (which to note are not zoned to permit a recycling facility). Primary difference is that the bin itself won't be swapped out when full and instead the contractor will go into the sea can, remove the bags of beverage containers, and take them to the depot on Old Airport Road to be sorted and counted.

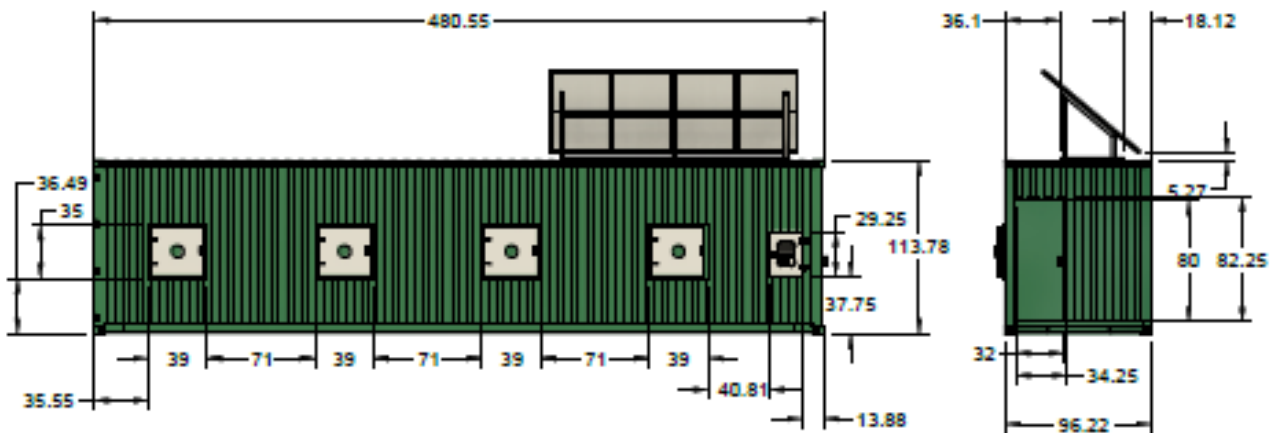
It will be machine operated; with a kiosk built into the sea can which once a customer enters their account information will temporarily unlock a chute door on the side of the sea can enabling the customer to drop their bags of beverage containers into the sea can. No sorting of recycling is done on site, and similar to the City's recycling drop off bins, we envision the customer to have dropped off their recycling in a couple minutes.

**Security and Monitoring:** There will be cameras both outside and inside the sea can and the contractor will periodically empty the sea can as needed by monitoring usage through the internal cameras. There also is an emergency exit chute door that can be opened from inside the sea can, in the emergency case that someone climbs into the unit through the chute doors. While the 'Drop and Go' sea can depot can be set to allow customers 24/7, all jurisdictions that have similar sea cans disable use late night/early morning to dissuade vandalism, noise pollution control, and allow more timely troubleshooting if any issue arises. We envision the kiosk shutting off customer access to using the 'Drop and Go' sea can as of 10 pm and resuming at 7 am or something similar.

**Site Maintenance:** ECC will hire a contractor for site maintenance (snow removal, cleaning off the solar panels, ensuring area is free of litter, etc.).

**Parking:** There will be 3 parking stalls set aside for customer parking on the south side of the parking lot. On the northside of the parking lot will be space to allow a truck to come in and empty the sea can.

## **Dimensions (in inches):**



**Other Jurisdictions:** Here is a photo of an earlier model ours will be designed after. Benefits other jurisdictions have gained through adding drop and go type sea cans include additional convenience for customers (expanded hours and able to skip the depot), increased containers recycled due to new customers, additional service points, increased awareness of recycling.



**Electrical:** Note ours will have a smaller solar panels setup, as this one was oversized for its electrical needs with new efficiencies in the new design.

**Drainage Plan:** No changes to existing plans on the site however will ensure no water pools in the parking lot.

**Landscaping:** No changes to existing landscaping on site.

**Servicing Plan:** No changes to existing plans for servicing.