

Southern Grampians Shire Council
Composting Facility Layout – Concept Revision
January 2026

-input from SGSC provided during a meeting on site (20/01/2026)

Gaia site hut
(20' container)

RC Units (x6)

Leachate
Tank

Fuel Pod

Shredding
Hardstand
(concrete)

Decontaminat
ed FOGO
stockpile
hardstand
(concrete)

FOGO/HRLX
stockpile
hardstand
(concrete)

FOGO/HRLX
receival
lanes
(concrete)

GO
receival
lanes

GO
stockpile
hardstand

Pasteurized
material
staging
hardstand

Public
Access
Zone

Potential SGSC
Compost Storage

Potential SGSC
Concrete Storage

Gravel Road

Gravel Road

Gravel Road

Maturing
hardstands
(future expansion)

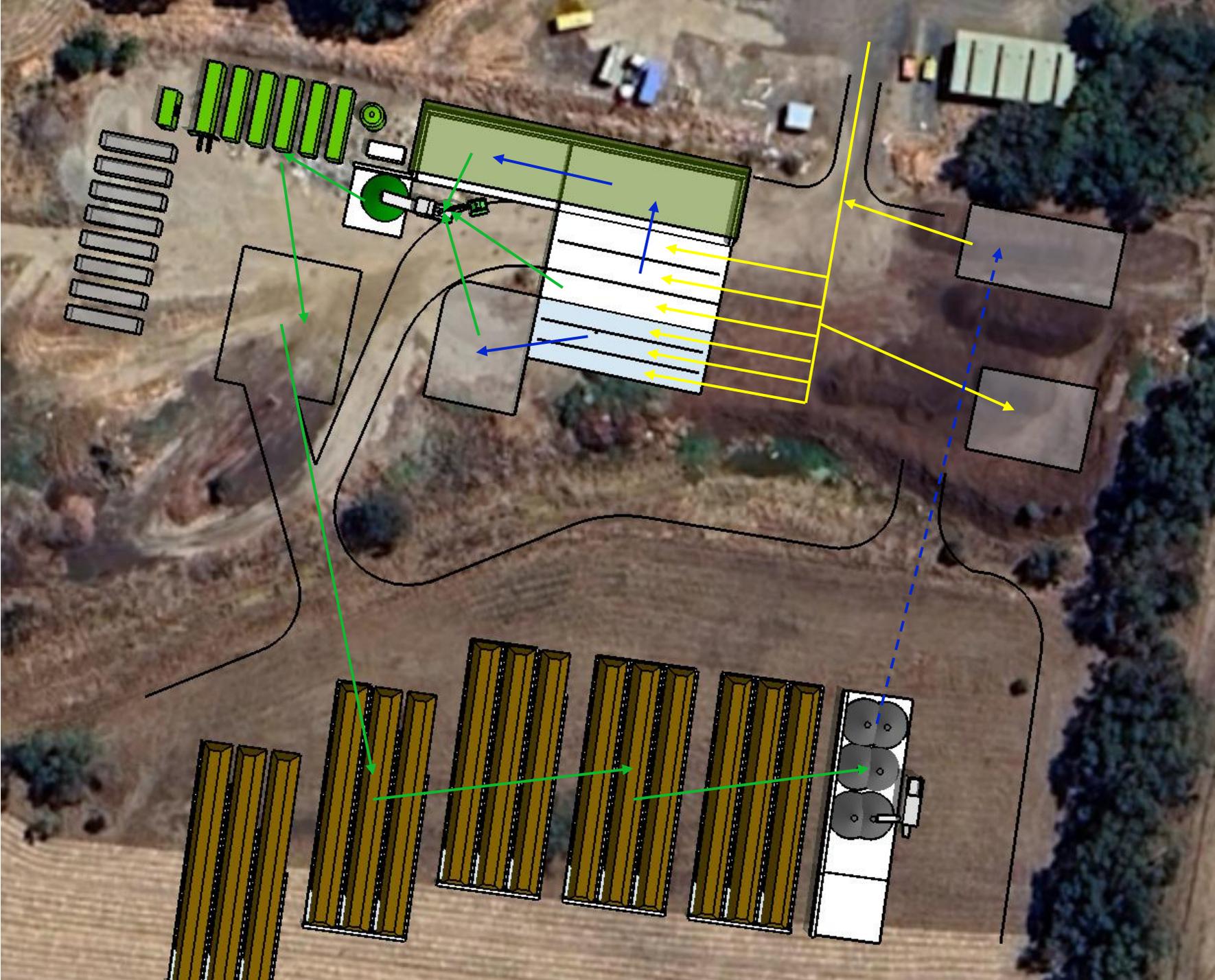
Maturing
hardstands (x3)

Compost
screening
hardstand
(concrete)





Public
Traffic
Zone



Material Movements Around Site:

Public/Waste Contractors/HRLX deliveries

- Domestic and commercial GO to a 3-lane hardstand area
- FOGO trucks can reverse in and drop material onto a 3-lane hardstand area. Capacity provided for approx. 6 deliveries (two drops per lane)
- HRLX manure fibre deliveries also drop onto the 3-lane hardstand area

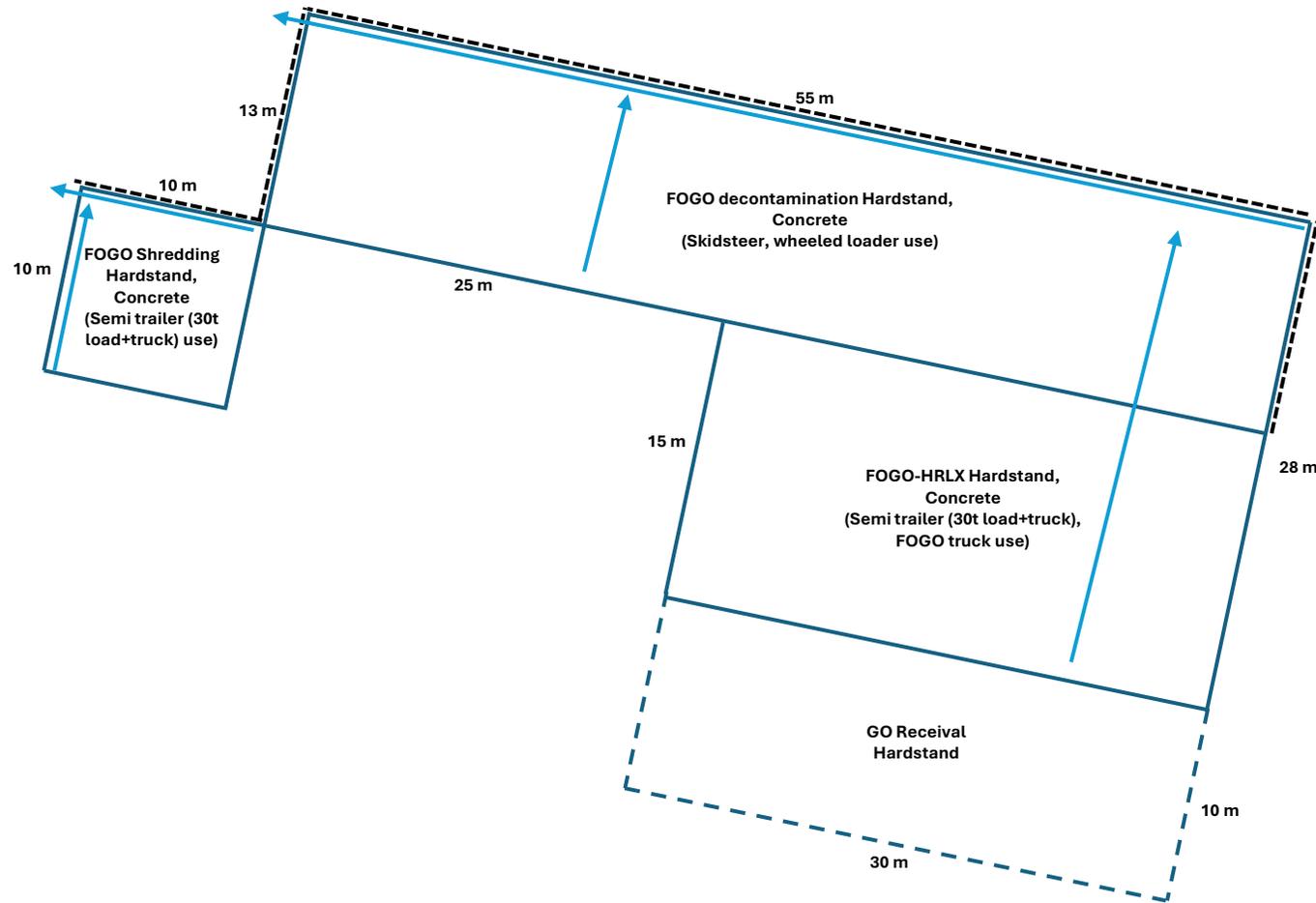
SGSC Staff

- Transfer of GO from the GO receival lanes into a stockpile
- Transfer material from the FOGO/HRLX receival lanes into the processing area, to make room for subsequent deliveries
- SGSC to decontaminate FOGO and transfer to storage area (eastern end of hardstand)
- Transfer of final screened compost from the screening hardstand to a SGSC storage area

Gaia EnviroTech

- All transfers of materials to shredder, then into/out of composting vessels, transfer of pasteurized material to maturing, maturing movements, and then screening.

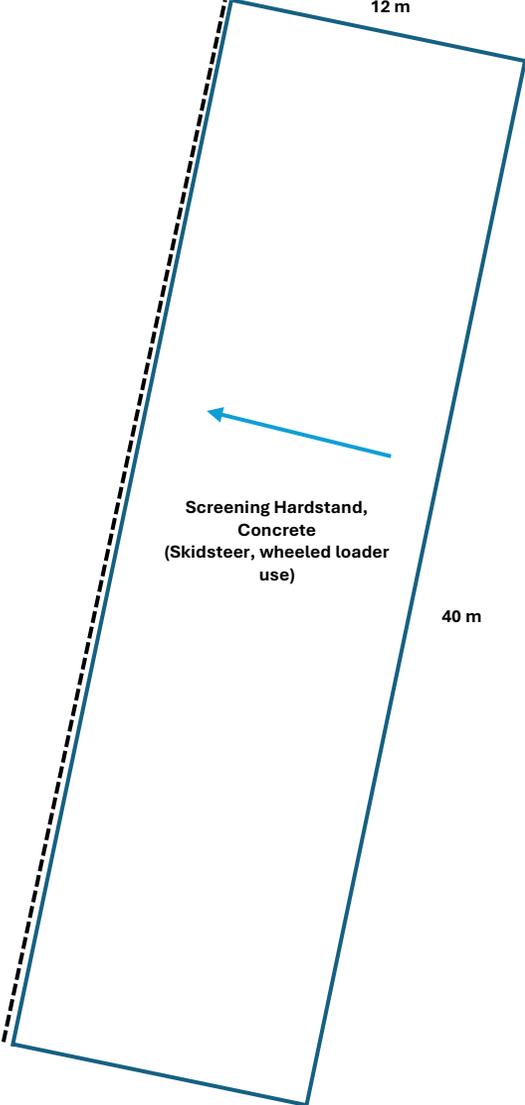
FOGO, HRLX and GO Receival Hardstands



----- Concrete Wall, height 1.8m
(recommend precast panels with steel supports to prevent movement)

→ Drainage direction (fall and spoon drain), to collection pit at lowest point

Screening Hardstand

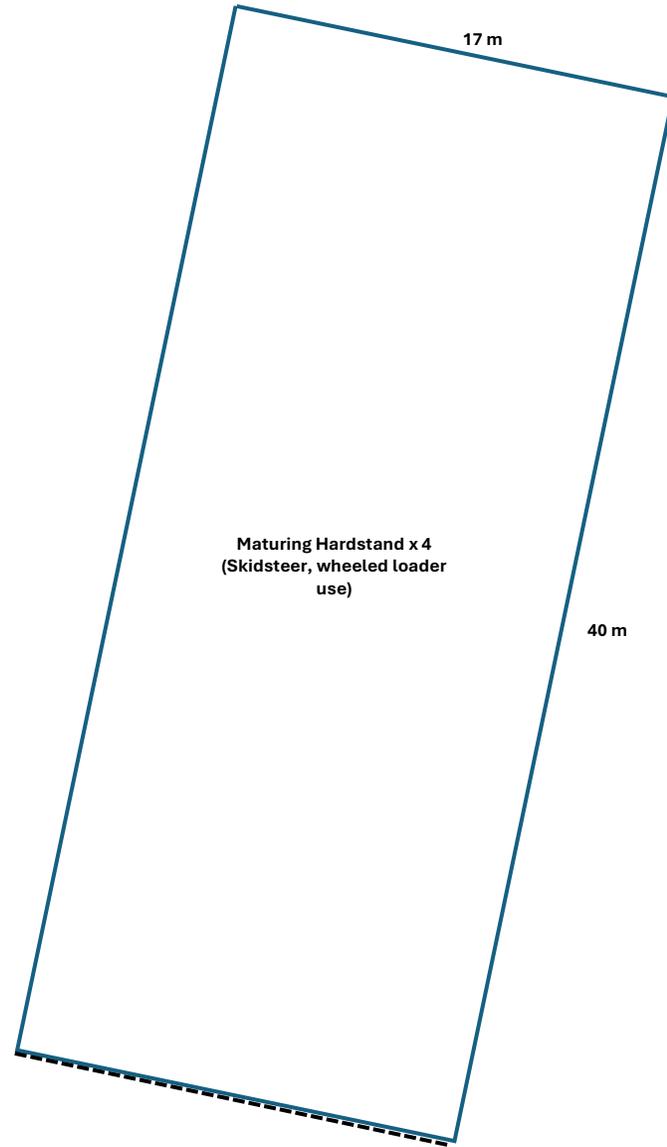


----- Concrete Wall, height 1.8m
(recommend precast panels with steel supports to prevent movement)

→ Drainage direction

Maturing Hardstand – x 4 (to be expanded to 6 at a later date)

- Maintain space between each maturing hardstand to enable access for fire fighting, slashing of grass, compost turning, etc.



----- Concrete Wall, height 1.8m
(recommend precast panels with steel supports to prevent movement)