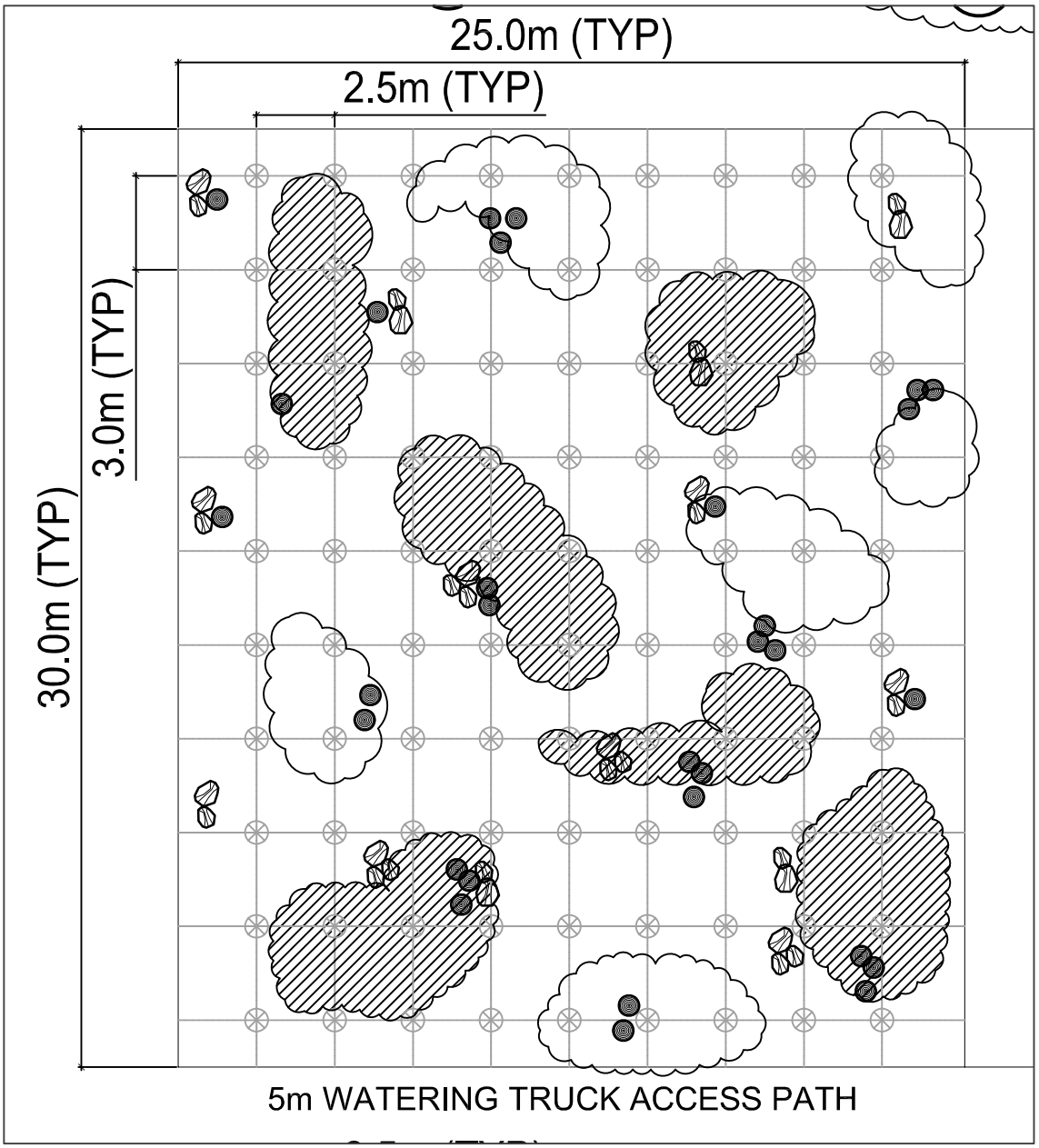

TYPICAL PLANTING BLOCK LAYOUT

RESTORATION SEQUENCE

YEAR 1 - FALL

1. Create pit and mound topography across the entire planting area. Pits shall be no deeper than 1.5m, mounds no higher than 1.5m.

2. Amend soil with well-composted organic matter. Place additional organic matter in pits to slow drainage.

3. Seed entire planting area with the following seed mixture:

50% - Annual Rye
23% - Oats
23% - Winter Rye
4% - White Clover

Application rate of 35kg/ha

YEAR 1 - SPRING

4. Lay out survey transects and photo stations.

5. Plant all trees and shrubs.

6. Install habitat features (decaying logs, rock piles, nest boxes, etc.).

7. Hand sow native plant seed (e.g. locally collected maple keys).

YEAR 1 - SUMMER

8. Water plant material thoroughly and regularly.

YEAR 2 to 5 - FALL

9. Measure plant growth, reproductive rate, recruitment rates, mortality

YEAR 2 to 5 - WINTER

10. Winter bird survey

YEAR 2 to 5 - SPRING

11. Spring ephemeral plant survey

LEGEND

PROPOSED TREE
At each point on the grid, species to be chosen based on tolerance for microsite characteristics

PROPOSED PIT
Pits or depressions to be created in random shapes and sizes by bulldozer or backhoe. Depth should be no greater than 1.5m.

PROPOSED MOUND
Topsoil mounds to be created from material excavated for pits. Mounds to be irregular in size and shape, but no higher than 1.5m.

PROPOSED HABITAT FEATURE
Randomly place wildlife habitat features throughout planting area. Features should include coarse woody debris, rock piles (on surface and to below frost), nesting boxes, and snags.

Stantec

walker industries

PROJECT NAME: DUNTROON LICENSE EXPANSION	DATE: OCT 2007	FILENAME:	FIGURE 11
PREPARED FOR: GEORGIAN AGGREGATES	BLOCK 1 FOREST RESTORATION TECHNIQUES PLANTING DETAIL		

REVISION NO.	REVISION DATE	DESCRIPTION	REVISED BY:

REV. NO.	DRAWN BY:	CHECKED BY:	SCALE:	PROJECT NO.:	APPROVED:
0	MC	JC	AS SHOWN	62602732	JC