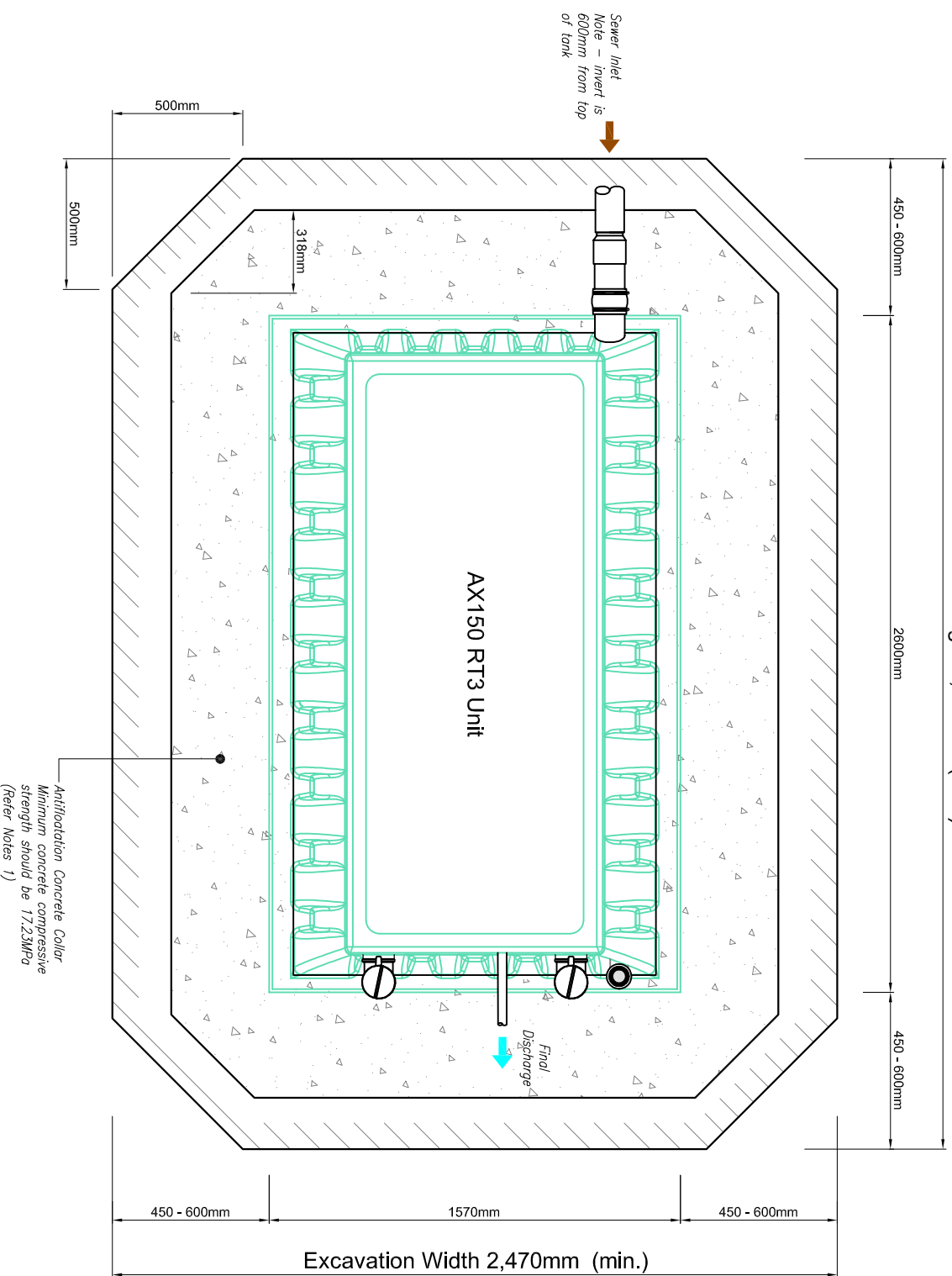


Excavation Length 3,500mm (min.)



Plan

Notes:

1, Determine Antibuoyancy Needs

Because of the AX-RT3's shallow burial depth, you may need to install antifloatation concrete collar on the unit.

Antifloatation concrete collar is necessary when two specific conditions occur at the same time:

- Groundwater is shallower than 900mm below grade;
- The AX15-RT3 is empty or it is being pumped empty.

If these conditions can occur at the site, install antifloatation concrete collar on the AX15-RT3. If you are unsure whether or not your installation requires it, consult the system designer or engineer.

2, Bedding

For unstable base soil (silt, quicksand, muck, soft or highly expansive clay, etc.), overexcavate the site depth and then set a firm 152mm compacted base of 13 - 19mm aggregate or pea gravel. In extremely unstable soil, a concrete layer may be needed to stabilize the bottom of the excavation.

For rocky or uneven base soil, lay a 100mm bed of sand or pea gravel less than 10mm diameter, and compact the material to create an even, smooth surface.

Side Elevation

3, Partial Backfill

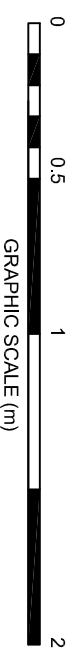
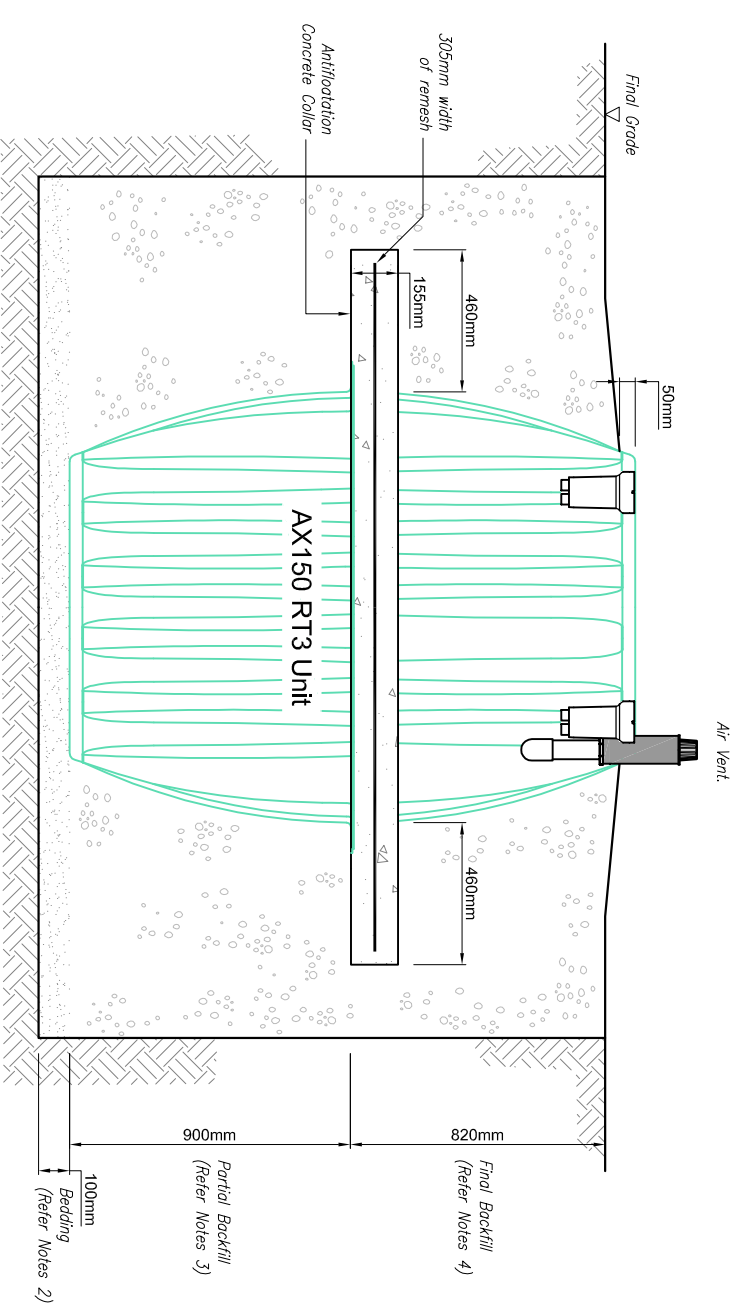
Backfill around the AX15-RT3 with a 400mm layer of material. Native material is acceptable if there are no larger sharp rocks that may damage the walls of the AX15-RT3.

If native material is not usable, backfill with 13mm aggregate or pea gravel. Do not backfill with sand. Use a mechanical compactor to thoroughly compact the fill to minimize settlement, and to provide support for the walls of the AX15-RT3.

4, Final Backfill

Backfill and compact around the AX15-RT3 unit in maximum 300mm lifts. Native material is acceptable if there are no larger sharp rocks that may damage the unit's wall.

If native material is not usable, backfill with 13mm aggregate or pea gravel. For installations in non-cohesive soils (gravel, sand or silt with little or no clay content) with high seasonal water tables, use 9mm crushed rock as the backfill material.



Alternate Installation Methods - AX15 RT3