



THE SILO IS ESTABLISHED ON A REINFORCED FOUNDATION SLAB, AT LEAST 300mm THICK, WELL-COMPACTED CRUSHED STONE. THE ALLOWABLE BOTTOM PRESSURE USED IN DESIGN IS 100 kN/m<sup>2</sup>.

THE FOUNDATION IS DRAINED AND THE WATER IS DIRECTED TO THE GROUNDWATER WELL. "DOUBLE-PULL" IS USED AS A DRAINAGE PIPE 117/110, WITH A SLOPE OF 1% AND TP315 DRAINS IN THE CORNERS. THE TOP SURFACE OF THE DRAINAGE PIPE IS AT LEAST 200mm BELOW THE BOTTOM SURFACE OF THE SLAB. DRAINAGE DITCHES MUST BE FROSTPROTECTED IF THEY ARE LESS THAN 500mm BELOW GROUND LEVEL.

PAYLOAD: EN1990, PAYLOAD ACCORDING TO EN1991-1-1

CONSEQUENCE CLASS: CC2

IMPLEMENTATION CLASS: 2

IMPLEMENTATION TOLERANCE CLASS: CAST-IN-PLACE STRUCTURES 2

DESIGN WORKING LIFE: 50 years

PERMISSIBLE DIMENSIONAL DEVIATION OF CONCRETE STRUCTURES:

IMPLEMENTATION CLASS 2 = 10mm

NOMINAL CONCRETE COVER OF STEEL = MINIMUM VALUE + PERMISSIBLE DIMENSIONAL DEVIATION ACCORDING TO IMPLEMENTATION CLASS

CONCRETE: SOLE C25-30, XC2 PROTECTIVE CONCRETE 50mm WHEN POURED AGAINST THE GROUND, OTHERWISE 25mm

STEEL: TW=BS500B, A500HW

**SLOPE OF THE SURFACE SOIL AWAY FROM THE BUILDING AT THE DISTANCE OF 3 METERS 1:20 !!!!!**

KOKO	KORTITELIÄ	TOIMITUS	MIENITÄJÄN NIMI	AMMATTI
MAKUNNANTUNNUS LINDSÄKENNUS			FRANTTIKAI PAKEMENPILKUSTUS	AMMATTI
MAKUNNANTUNNUS MÄLÖV			PERUSTUSLEIKKURIT PERUSTUSLEIKKURIT	AMMATTI
MAKUNNANTUNNUS VILJASALO 4km, TASAPOJUA JA SISÄKÄRTTOSILLO			PERUSTUSLEIKKURIT PERUSTUSLEIKKURIT	AMMATTI
SUUNNITTELUK:			SALAKKA RAK	AMMATTI
Ri (AMK) Ossi Valkama			23.12.2024	AMMATTI
			YHTIÖN Ossi Valkama Ri (AMK) 050 3796899	AMMATTI