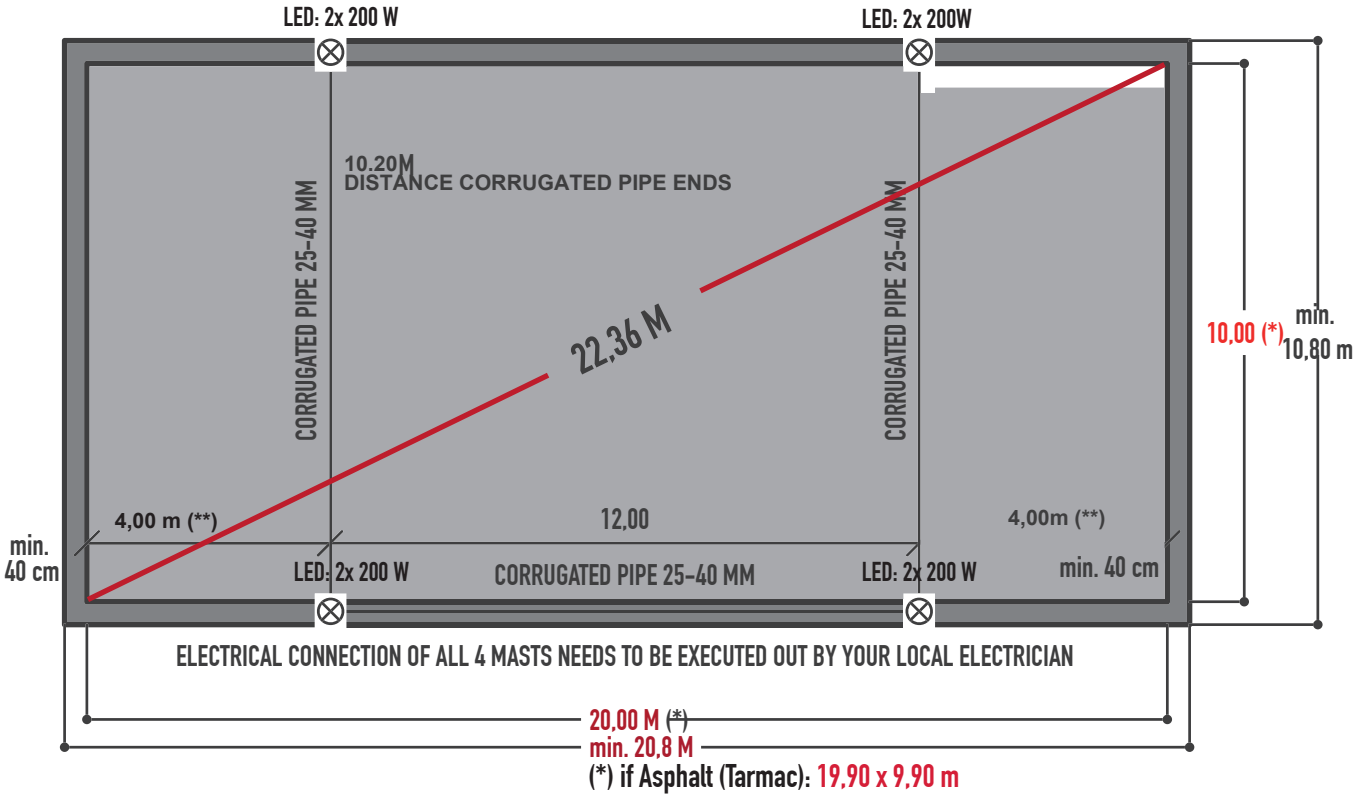
STRIP FOUNDATION FOR 1 PADEL COURT (1/2)



(*) if Asphalt (Tarmac): 19,90 x 9,90 m

DIAGONAL CHECK

Before throwing the concrete please make your last check between the inner corners.
Is has to be 22,36 m. If this is not the case, the angles are not 90° or some other measurements are not correct.

The whole surface has to be completely leveled.

Asphalt (Tarmac)

crashes stones + cement

IMPORTANT

Strip foundations must be protected from frozen underground water.

EXPLANATION

At a depth of around 80 cm (C), the soil temperature, even a icy winters, never drops below 0°C, therefore the strip foundation needs to be frost-prooved at min. 80 cm. With 90-100 cm (A/B)it is even better.
If water and ice will be collected under the foundation, it can push the foundation strips with tremendous upward power and would inevitably cracks and may lead to glass breakage.

This information is for your orientation. the final decision and responsability in being taken by the contractors with the local engineers.

IMPORTANT NOTE FOR THE ELECTRICAL CONNECTION:

The cables must be aready passed through the corrugated tubes before the installation. As per law the final electrical connection must be executed by a local electrician. If not specified differently the power supply is 8 LED-Spotlights x 200 W = 1.600 W = 1,6 kW total for 1 Padel Court.

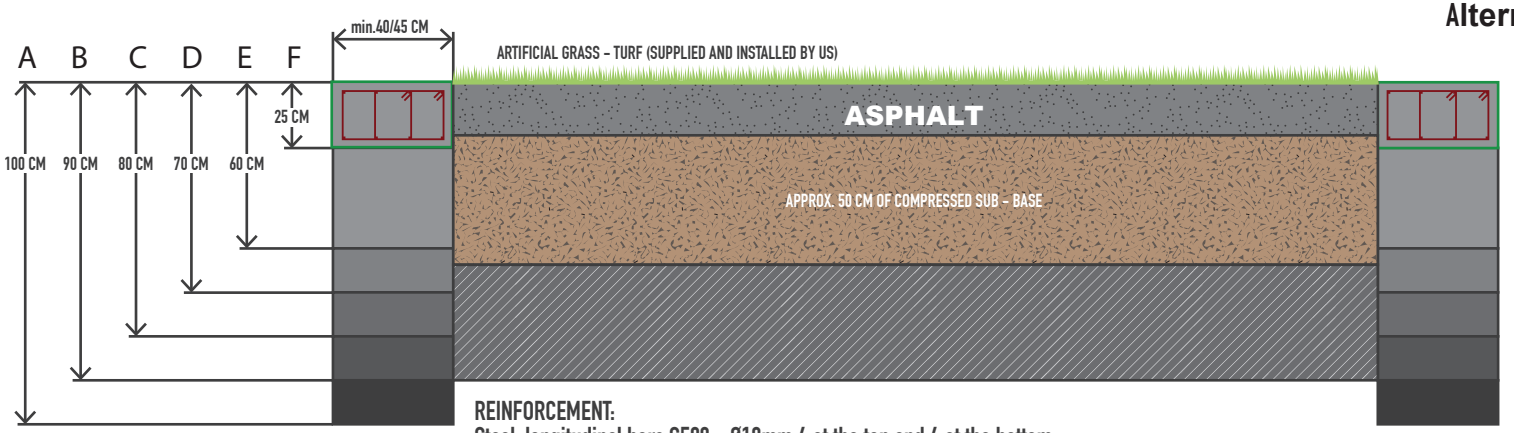
WIDTH STRIP FOUNDATIONS

Mod. PREMIUM: min. 40CM (**)
(**) If asphalt: min. 45 CM - Power point: 3,95 M

Nor Verdepadel, as a manufacturer of Padel Courts, nor Padelcreations.com is taking any responsability for the proper design and execution of the foundations.

STRIP FOUNDATION FOR 1 PADEL COURT (2/2)

RECOMMENDED CROSS SECTION FOR RING BEAM CONSTRUCTION



REINFORCEMENT:
Steel: longitudinal bars S500 - Ø10mm 4 at the top and 4 at the bottom, and double stirrups ø 6 mm every 14 cm.
The concrete is cast C25/30 and vibrated.

Alternative: Slope 0,2- 0,3%

This is the simpliest way to build a foundation using a ring beam. Very common in Europe. In special cases with special local regulations you might need to go for

IMPORTANT NOTE:

THE PLAYING SURFACE MUST BE COMPLETELY FLAT. NO DELLS, NO CRACKS, NO UNEVEN AREA. OUTSTAN-DING STONES MAY DAMAGE THE ARTIFICIAL GRASS AND NEGATIVELY INFLUENCE THE BALL BEHAVIOR. OUTSTANDING STONES MUST BE CRUSHED WITH A HAMMER OR SIMI-LAR BEFORE THE INSTALLATION.