TABLE CRM 12.b

RI-STRUTTURA

REINFORCED PLASTER - CRM SYSTEM IN G.F.R.P.

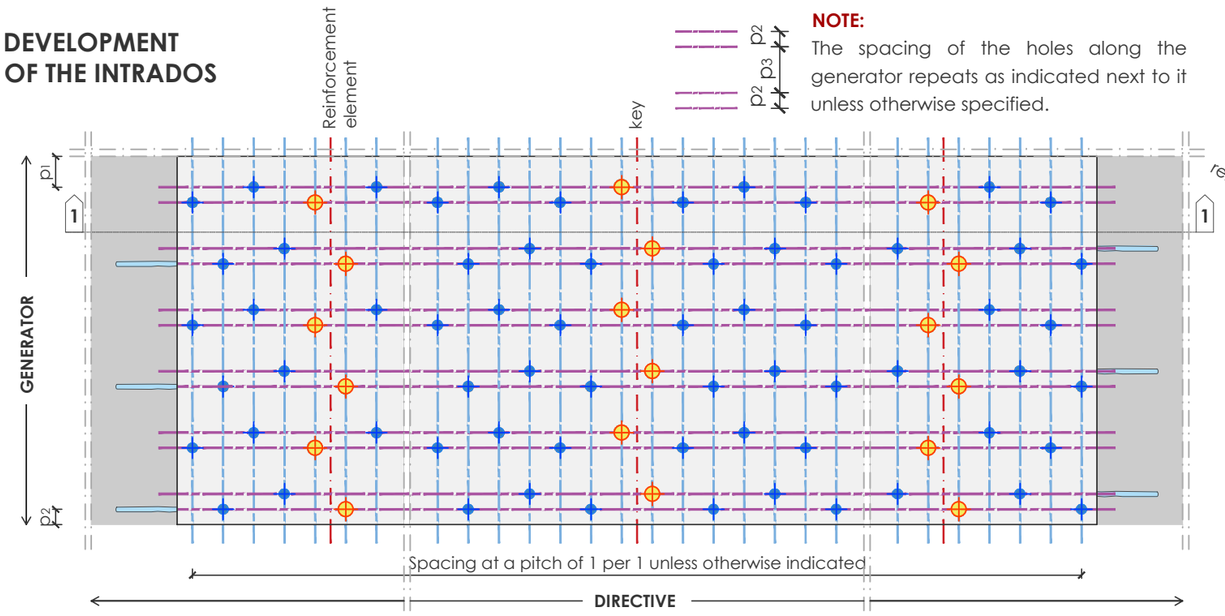
CONSOLIDATION OF BARREL VAULTS

INTRADOSSO INSTALLATION PHASES

FIBRE NET composite engineering

PHASE 3 - Tracking the position of the holes (scale 1:50)

DEVELOPMENT OF THE INTRADOS

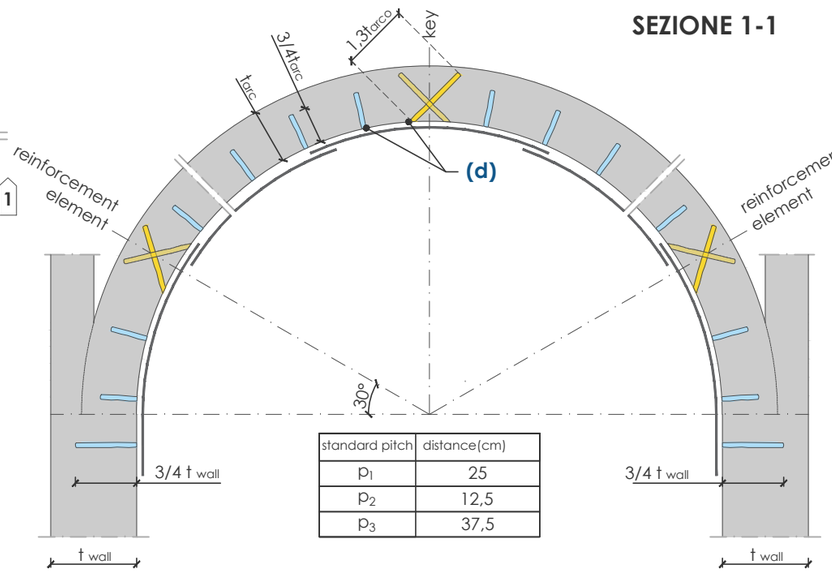


NOTE:
The spacing of the holes along the generator repeats as indicated next to it unless otherwise specified.

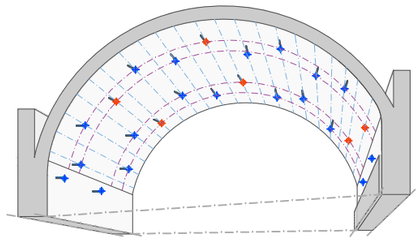
Holes for connectors not in critical area

Holes for connectors in critical area

SEZIONE 1-1



standard pitch	distance(cm)
p_1	25
p_2	12,5
p_3	37,5

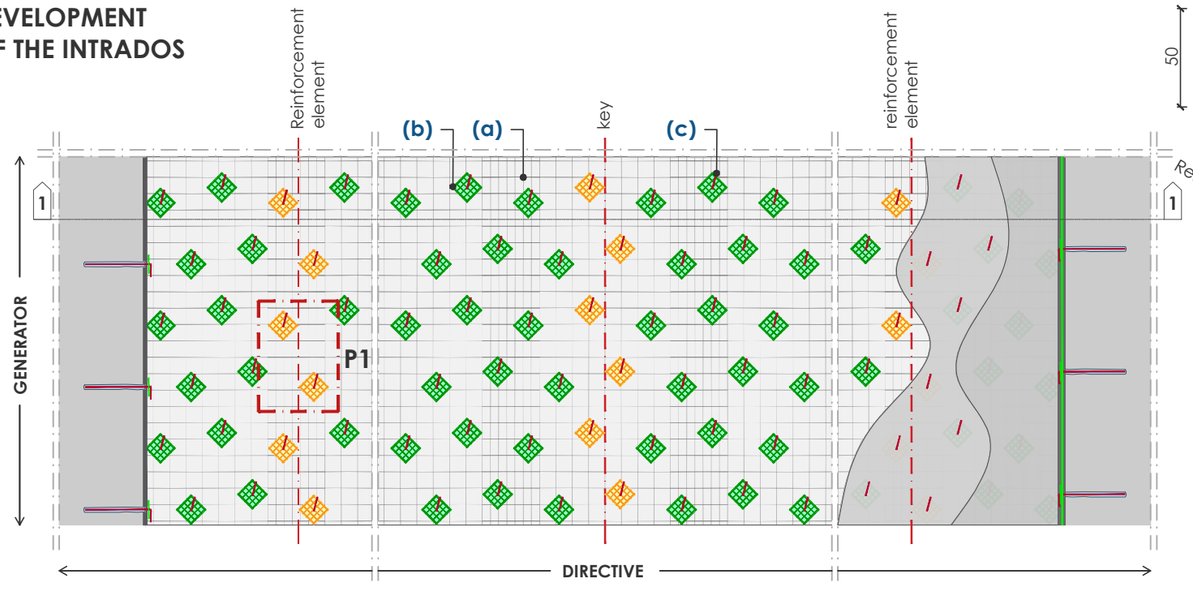


PHASE 3:
Tracking of the holes according to the diagram indicated over the entire surface of the intrados of the vault and their execution with a diameter of Ø12mm according to the length and orientation indicated for each type.
Make the holes using a rotating drill and subsequent cleaning with a compressed air jet.

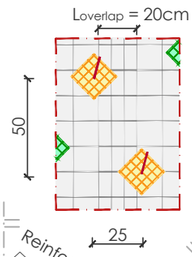
NOTE:
Holes must be made after verifying the absence of interference with the installed net.

PHASE 4 - Installation of connectors and distribution pads (scale1:50)

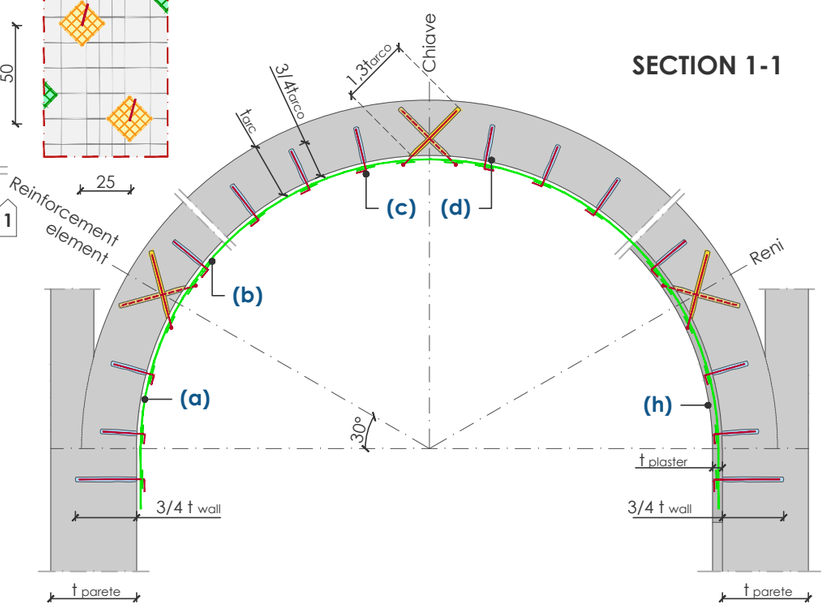
DEVELOPMENT OF THE INTRADOS

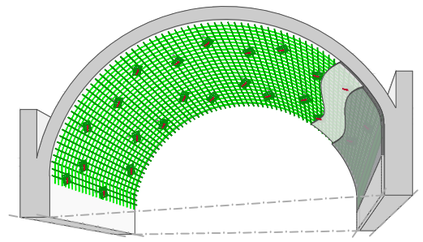


P1 - Detail of the overlapping area



SECTION 1-1





PHASE 4:
Completion of the intervention by laying resin rejection inside the holes and GFRP connectors with their respective distribution patches.
Finish by laying mortar, preferably lime-based, over the entire surface of the vault and in the areas of overlap at the springing, blending with the existing plaster..

The measurements are expressed in centimeters unless otherwise specified
For the layout diagram of connectors and materials table, please refer to table CRM19

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