

**CORDON CALLE**  
**CALLE FRANCIA**



The plan view shows a central vertical alignment labeled "CAMARA EMPALME PROYECTO". To its left, a diagonal road is labeled "CALLE FRANCIA". A horizontal road at the top is labeled "PR.1370.44". At the bottom right, a dashed line indicates the "R.M.C. 11".

Key features include:

- A-26**: A circular manhole located between PR.1370.44 and CALLE FRANCIA.
- A-28**: A circular manhole located further down the vertical alignment.
- A-27**: A circular manhole located near the intersection with CALLE FRANCIA.
- A-4**: A circular manhole located near the bottom of the vertical alignment.
- PROYECTO DNV.**: Labels indicating the proposed drainage network segments.
- EXISTENTE**: Labels indicating existing infrastructure, specifically two segments of "100.60" width along the diagonal road.
- CAMARA EMPALME PROYECTO**: The main rectangular structure being planned.

Blue arrows indicate the flow direction of water through the system, generally moving from the top towards the bottom and following the alignment of the roads.

Technical drawing of a double mesh reinforcement (DOBLE MALLA 1012 C/15) showing a cross-section and a detail of the handle (DETALLE MANIJA S/E).

**Cross-section details:**

- Overall width: 0.20
- Top reinforcement: 1010 C/9
- Bottom reinforcement: 1010 C/9
- Reinforcement spacing: 0.23
- Reinforcement width: 0.07
- Reinforcement height: 0.17
- Reinforcement depth: 0.06
- Reinforcement length: 0.60
- Reinforcement width: 0.30
- Reinforcement height: 0.12
- Reinforcement depth: 0.06

**Detail of the handle (DETALLE MANIJA S/E):**

- Overall width: 0.10
- Top reinforcement: 1010 LISO
- Bottom reinforcement: 1010 LISO
- Reinforcement spacing: 0.13
- Reinforcement width: 0.07
- Reinforcement height: 0.06
- Reinforcement depth: 0.06

Technical drawing of a rectangular structure, likely a drainage or irrigation system, showing dimensions and components.

**Dimensions:**


- Overall width: 2.00
- Overall length: 1.20
- Top and bottom side margins: 0.30
- Internal horizontal margin: 0.20

**Components and Labels:**

- Top Left:** Circular feature labeled **A27** with a diameter of  $\varnothing 100.60$ . Below it is a hatched area labeled **MAMPOSTERIA DE LADRILLOS** (Brick masonry) with a downward arrow.
- Top Right:** Circular feature labeled **A28** with a diameter of  $\varnothing 100.60$ . Below it is a hatched area labeled **MAMPOSTERIA DE LADRILLOS** (Brick masonry) with a downward arrow.
- Center:** Large rectangular area labeled **ALCANTARILLA DNV, RUTA MAC N° 11** (DNV manhole, Route MAC N° 11). It contains a circular feature labeled **A-A**.
- Right Side:** Vertical line labeled **CT PROX. 28.87** (Next CT 28.87).
- Bottom Left:** Circular feature labeled **A27** with a diameter of  $\varnothing 100.60$ . Below it is a hatched area labeled **MAMPOSTERIA DE LADRILLOS** (Brick masonry) with a downward arrow.
- Bottom Right:** Circular feature labeled **A28** with a diameter of  $\varnothing 100.60$ . Below it is a hatched area labeled **MAMPOSTERIA DE LADRILLOS** (Brick masonry) with a downward arrow.
- Left Side:** Vertical line labeled **CT PROX. 27.91** (Next CT 27.91).
- Right Side:** Vertical line labeled **CT PROX. 27.71** (Next CT 27.71).
- Bottom:** Horizontal line labeled **LOSAS DE H<sup>1</sup>A°** (Concrete slabs).
- Top:** Horizontal line labeled **DOBLE MALLA Ø12 C/15** (Double mesh Ø12 C/15).

**LOSA DE FONDO :**  
 \* ESPESOR 0.20  
 \* DOBLE MALLA 12 C/15  
 \* HORQUILLA Ø10 C/15

- MATERIALES: HORMIGÓN H-21 CON AIRE INCORPORADO
- REUBUILDMENT DE LAS BARRAS 0.03
- MUROS LATERALES MAMPPOSTERÍA DE 0.30 -MEDIDAS EN CENTÍMETROS, SALVO INDICACIONES- ACERO ADN.
- EL TIPO DE REJA A UTILIZAR SERÁ DEFINIDO EN OBRA.
- SE PROPONEN DOS ALTERNATIVAS:
- CONSTRUCCIÓN IN SITU CON ACERO DE CONSTRUCCIÓN Ø16
- TRATADO PARA EVITAR LA CORROSIÓN. LA DISTANCIA LIBRE ENTRE LAS BARRAS SE RECOMIENDA EN EL ORDEN DE 5 CM.
- COLOCAR UNA REJA PREFABRICADA CON LAS DIMENSIONES INDICADAS EN ESTE PLANO.

		
<p align="center"><b>PROVINCIA DE SANTA FE</b></p> <p align="center"><b>MINISTERIO DE AGUAS, SERVICIOS PUBLICOS Y MEDIO AMBIENTE</b></p> <p align="center"><b>SECRETARIA DE AGUAS</b></p> <p align="center"><b>SUBSECRETARIA DE PLANIFICACION Y GESTION</b></p> <p align="center"><b>DIRECCION PROVINCIAL DE PROTECCION URBANA CONTRA INUNDACIONES</b></p>		
<p><b>OPERADOR TECNICO:</b> Agr. Jorge BLUMBERG</p>	<p><b>PROTECTORISTA:</b> Ing.Patricia RUGGERI</p>	
<p><b>PLANEANTE:</b> Gladis SAURA - Federico S. SADONE</p>	<p><b>SUBSECRETARIO:</b> Ing. Ricardo GIACOSA</p>	
<p><b>JEFE DE PROYECTO DEDUCA:</b> Ing. Raul NAVARRO</p>	<p><b>MINISTRO:</b> Arq. Antonio CIANCIO</p>	<p><b>FECHA:</b> DICIEMBRE 2013</p>
<p><b>OBRA:</b> CAPITAN BERNARDEZ- DEPTO SAN LORENZO DRENAJE URBANO CALLE FRANCAIA, CUNETA SUR, PLANO, CROQUIS DE UBICACIÓN CÁMARA DE EMPALME, PLANTA, CORTE Y DETALLES</p>		
<p><b>ESCALAS:</b></p>		<p><b>INDICADOS</b></p>
<p><b>PLANO Nº</b></p>		<p><b>06</b></p>