

Technical drawing of a reinforced concrete structure, showing a cross-section and a detail view.

Main Section:

- Reinforcement: NR11 #16, NR7 #12co12, NR7 2x2#12, NR1 #4#12, NR6 3#12 L=260.
- Dimensions: 30, 70, 140, 1.40, 0.00.
- Section line: e-e.

Detail View (e-e):

- Reinforcement: NR11 #16, NR15 Ø8co=20.
- Dimensions: 30, 30.

Diagram illustrating the cross-section of a roof assembly with insulation, waterproofing, and drainage components.

Components and Dimensions:

- NR1 4#12:** Reinforcement bars in the concrete slab.
- NR2 Ø8 c/c25:** Reinforcement bars in the drainage channel.
- NR3 Ø8 c/c25:** Reinforcement bars in the drainage outlet.
- NR1 2x3#12:** Reinforcement bars in the base concrete slab.
- Przekładka z papy:** Waterproofing layer (paper).
- poz. proj. terenu:** Position of the terrain level.
- 0.00=200.35m n.p.m:** Elevation of the terrain level.
- 0.02:** Slope of the terrain level.
- 100:** Height of the drainage channel.
- 40:** Width of the drainage channel.
- 1.40:** Height of the drainage outlet.
- 55:** Width of the drainage outlet.
- 15:** Width of the drainage channel.
- 25:** Depth of the drainage channel.

Materials and Details:

- Polistyren ekstrudowany XPS 30:** Extruded polystyrene insulation, 30 cm thick.
- mocowany na klej bitumiczny lub poliuretanowy (beztropuszczaśnikowy) gr.10cm:** Insulation applied with bituminous or polyurethane adhesive, 10 cm thick.
- smarowanie - dyspersja asfaltowa - kruszywo 1xR15+2xR25:** Bituminous dispersion coating with 1xR15+2xR25 aggregate.
- 2x papa termozgrzewalna:** Two layers of heat-weldable waterproofing paper.
- ława z betonu C12/15 min. 10 cm:** Concrete base slab, minimum 10 cm thick, C12/15 grade.
- do gruntu niedo niego zwieźta:** To the ground, not to be lowered.

Technical drawing of a wall section showing reinforcement details. The drawing includes a cross-section of a wall with various reinforcement bars and dimensions. Key labels include NR10, #18, S-2, NR1, 4#12, NR2, Ø8 co25, NR1, 2x4#12 (dla 11-11), NR1, 2x6#12 (dla 11-11), NR6, 2x3#12 (dla 11-11), and NR6, 2x5#12 (dla 11-11). Dimensions shown are 30, 70, 140, 35, and 30. A detail 'd' is shown on the right.

Technical drawing of a reinforced concrete slab (RCC) for a staircase. The drawing shows a cross-section of the slab with dimensions and reinforcement details. The slab is 750mm wide and 140mm thick. It has a central vertical section with a width of 220mm and a height of 100mm. The reinforcement includes NR1 (4#12) at the top, NR2 (Ø8 c25) in the middle, NR4 (2Ø8 c25) at the bottom, and NR1 (2x4#12) at the bottom corners. The drawing also shows a 1:40 slope on the right side.

Technical drawing of a cross-section of a reinforced concrete structure, likely a wall or column. The drawing shows a central vertical section with a horizontal base and a horizontal top section. Key dimensions and labels include:

- NR1 4#12**: Top reinforcement.
- 25**: Width of the top section.
- 0.00**: Horizontal offset.
- 100**: Height of the top section.
- 140**: Total height.
- 40**: Height of the base section.
- 75**: Width of the base section.
- NR2 Ø8 co25**: Vertical reinforcement.
- NR4 2Ø8 co25**: Horizontal reinforcement.
- NR1 2x4#12**: Bottom reinforcement.
- przekładka z papy**: Paper overlay.

The diagram illustrates a vertical cross-section of a roof assembly. At the top, a horizontal section has a width of 25 cm. Below it, a vertical section shows three distinct levels labeled NR1, NR2, and NR3. Level NR1 at the top consists of a concrete slab (przekładka z papy) with a thickness of 0.00 m and a slope of 0.02. Level NR2 is a middle layer containing two Ø8 reinforcement bars spaced at 25 cm (Ø8 co25). Level NR3 is the bottom layer, also containing two Ø8 reinforcement bars spaced at 25 cm (Ø8 co25). The total height of the assembly is 140 cm, with a bottom section of 40 cm. A foundation or base is shown at the bottom with a width of 55 cm and a height of 40 cm. Reinforcement details include 2x3#12 bars at the base and various other structural elements indicated by dashed lines and arrows.

Technical drawing of a reinforced concrete structure, likely a foundation or wall section, showing dimensions and reinforcement details.

Dimensions:

- Overall width: 155
- Overall height: 140
- Top section width: 35
- Top section height: 40
- Bottom section height: 40
- Top section offset: 10.00 (positive) and 10.02 (negative)

Reinforcement Details:

- NR1 #4#12:** Top reinforcement bar.
- NR12 #10 co15:** Bottom reinforcement bar.
- NR13 Ø8 co25:** Vertical reinforcement bar.
- NR12 #10 co15:** Bottom reinforcement bar (repeated).
- NR2X8:** Reinforcement bar at the bottom right corner.

The drawing includes a cross-section view of the structure, showing the internal reinforcement layout and the relationship between the different components.

UWAGA !
WARSTWY PODŁOŻA I IZOLACJE FUNDAMENTÓW
OPISANO NA PRZĘKROJU 1-1

Wykonawca: Bureau Projektów Gospodarki Wodnej i Ściekowej "BUREKOWO" - WARSZAWA Sp. z o.o. 01-785 Warszawa, ul. Broniewskiego 3		Zamawiający:  Miejskie Przedsiębiorstwo Wodociągów i Kanalizacji Sp. z o.o. ul. Naruszewicza 18, 35-055 Rzeszów
Projektant: inż. Elżbieta Chojralska nr. nr. w-165/90 Opisanie: techn. Malgorzata Moskocińska	Projekt: inż. Jerzy Taracha nr. nr. 752/64 specjalność: konstrukcyjno-budowlana	Inwestycja: Budowa suszarni mechanicznej osadów wraz z przebudową (modernizacją) obiektów Oczyszczalni Ścieków w Rzeszowie, ul. Ciepłownicza 2.
Świadcząco: inż. Jerzy Taracha nr. nr. 752/64 specjalność: konstrukcyjno-budowlana	Podpis: inż. Krystyna Szarlik	Obiekt: Ob. 6 Budynke oczyszczalni Nazwa rysunku: Fundamenty, Rzut, przekroje.
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