

Structural drawing of a building frame showing columns, beams, and slabs. The drawing includes various annotations and dimensions:

- Columns:** 305x165x40 Kg/m I-SECTION, 305x102x25 Kg/m I-SECTION, 305x165x40 Kg/m I-SECTION, 305x102x25 Kg/m I-SECTION, 150x75x20x2.5 C/LC.
- Beams:** 60x60x4 ANGLE BRACING, 60x102x4 SAG BARS, 60x102x4 SAG BARS, 305x165x40 Kg/m I-SECTION, 305x102x25 Kg/m I-SECTION, 150x75x20x2.5 C/LC, 200x75 PFC 2, 200x75 PFC.
- Slabs:** 200mm RC SLAB TOC: +150.965 m, 340mm RC SLAB TOC: +154.664 m.
- Annotations:** BR1, BR2, BR3, BR4, BR5, BR6, BR7, BR8, BR9, BR10, BR11, BR12, BR13, BR14, BR15, BR16, BR17, BR18, BR19, BR20, BR21, BR22, BR23, BR24, BR25, BR26, BR27, BR28, BR29, BR30, BR31, BR32, BR33, BR34, BR35, BR36, BR37, BR38, BR39, BR40, BR41, BR42, BR43, BR44, BR45, BR46, BR47, BR48, BR49, BR50, BR51, BR52, BR53, BR54, BR55, BR56, BR57, BR58, BR59, BR60, BR61, BR62, BR63, BR64, BR65, BR66, BR67, BR68, BR69, BR70, BR71, BR72, BR73, BR74, BR75, BR76, BR77, BR78, BR79, BR80, BR81, BR82, BR83, BR84, BR85, BR86, BR87, BR88, BR89, BR90, BR91, BR92, BR93, BR94, BR95, BR96, BR97, BR98, BR99, BR100, BR101, BR102, BR103, BR104, BR105, BR106, BR107, BR108, BR109, BR110, BR111, BR112, BR113, BR114, BR115, BR116, BR117, BR118, BR119, BR120, BR121, BR122, BR123, BR124, BR125, BR126, BR127, BR128, BR129, BR130, BR131, BR132, BR133, BR134, BR135, BR136, BR137, BR138, BR139, BR140, BR141, BR142, BR143, BR144, BR145, BR146, BR147, BR148, BR149, BR150, BR151, BR152, BR153, BR154, BR155, BR156, BR157, BR158, BR159, BR160, BR161, BR162, BR163, BR164, BR165, BR166, BR167, BR168, BR169, BR170, BR171, BR172, BR173, BR174, BR175, BR176, BR177, BR178, BR179, BR180, BR181, BR182, BR183, BR184, BR185, BR186, BR187, BR188, BR189, BR190, BR191, BR192, BR193, BR194, BR195, BR196, BR197, BR198, BR199, BR200, BR201, BR202, BR203, BR204, BR205, BR206, BR207, BR208, BR209, BR210, BR211, BR212, BR213, BR214, BR215, BR216, BR217, BR218, BR219, BR220, BR221, BR222, BR223, BR224, BR225, BR226, BR227, BR228, BR229, BR230, BR231, BR232, BR233, BR234, BR235, BR236, BR237, BR238, BR239, BR240, BR241, BR242, BR243, BR244, BR245, BR246, BR247, BR248, BR249, BR250, BR251, BR252, BR253, BR254, BR255, BR256, BR257, BR258, BR259, BR260, BR261, BR262, BR263, BR264, BR265, BR266, BR267, BR268, BR269, BR270, BR271, BR272, BR273, BR274, BR275, BR276, BR277, BR278, BR279, BR280, BR281, BR282, BR283, BR284, BR285, BR286, BR287, BR288, BR289, BR290, BR291, BR292, BR293, BR294, BR295, BR296, BR297, BR298, BR299, BR300, BR301, BR302, BR303, BR304, BR305, BR306, BR307, BR308, BR309, BR310, BR311, BR312, BR313, BR314, BR315, BR316, BR317, BR318, BR319, BR320, BR321, BR322, BR323, BR324, BR325, BR326, BR327, BR328, BR329, BR330, BR331, BR332, BR333, BR334, BR335, BR336, BR337, BR338, BR339, BR340, BR341, BR342, BR343, BR344, BR345, BR346, BR347, BR348, BR349, BR350, BR351, BR352, BR353, BR354, BR355, BR356, BR357, BR358, BR359, BR360, BR361, BR362, BR363, BR364, BR365, BR366, BR367, BR368, BR369, BR370, BR371, BR372, BR373, BR374, BR375, BR376, BR377, BR378, BR379, BR380, BR381, BR382, BR383, BR384, BR385, BR386, BR387, BR388, BR389, BR390, BR391, BR392, BR393, BR394, BR395, BR396, BR397, BR398, BR399, BR400, BR401, BR402, BR403, BR404, BR405, BR406, BR407, BR408, BR409, BR410, BR411, BR412, BR413, BR414, BR415, BR416, BR417, BR418, BR419, BR420, BR421, BR422, BR423, BR424, BR425, BR426, BR427, BR428, BR429, BR430, BR431, BR432, BR433, BR434, BR435, BR436, BR437, BR438, BR439, BR440, BR441, BR442, 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BR729, BR730, BR731, BR732, BR733, BR734, BR735, BR736, BR737, BR738, BR739, BR740, BR741, BR742, BR743, BR744, BR745, BR746, BR747, BR748, BR749, BR750, BR751, BR752, BR753, BR754, BR755, BR756, BR757, BR758, BR759, BR760, BR761, BR762, BR763, BR764, BR765, BR766, BR767, BR768, BR769, BR770, BR771, BR772,

Diagram illustrating the elevation view of a column-beam joint. The joint is labeled "TYPE 4 GUTTER DETAIL". The column is labeled "305x165x40". The beam is labeled "305x165x40". The joint is labeled "HAUNCHED CONNECTION CUT FROM 305x165x40 BEAM" and "END PLATE BOLTED WITH EQUAL SPACING TO COLUMN". The joint is labeled "HAUNCHED CONNECTION CUT FROM 305x165x40 BEAM" and "END PLATE BOLTED WITH EQUAL SPACING TO COLUMN". The joint is labeled "GUT RAIL 902/214".

Technical drawing of a square box with the following specifications:

- Overall height: 200
- Overall width: 200
- Internal height: 150
- Top flange width: 100
- Top flange material: 10mm ROO WELDED AT 750mm c/c
- Corner reinforcement: 2.5x120x20mm HOT DIPPED GALVANIZED STEEL GUTTER
- Corner angle: VARIES 3° OR 30°

Technical drawing of a Vierendeel truss. The drawing shows a cross-section of the truss with various components labeled with letters A through G. Dimensions are provided for the top chord, bottom chord, and the height of the truss. The top chord is labeled with a dimension of 30.000/0.000/0.000. The bottom chord is labeled with a dimension of 10.000/0.000/0.000. The height of the truss is labeled with a dimension of 10.000/0.000/0.000. The drawing also shows the connection of the truss to a wall and the placement of bolts and washers.

Legend:

- A: 135 x 70 x 4 B.L. x 130 LONG WITH 2 x M10 G. 4
- B: 80x60x6
- C: 80x60 L. CLEAR WITH 2 x M10 G. 4 BOLTS
- D: 10x10x10 (SIZE: WASHES)
- E: TOP CHORD
- F: BOTTOM CHORD
- G: 1 x M10 G. 4 B.L. 80

NOTE: 1 x M10 G. 4 B.L. 80
 ONE SECOND PLACEMENT

Technical drawing of a bridge pier cross-section. The drawing shows a central pier with two large diagonal stiffeners (labeled B) and two smaller vertical stiffeners (labeled C). The pier is supported by a foundation (labeled D). Dimensions are given in millimeters (mm). The total width of the pier is 250,000 mm. The width of the central pier is 35,000 mm. The width of the diagonal stiffeners is 100 mm. The width of the vertical stiffeners is 100 mm. The height of the pier is 10,000 mm. The angle of the diagonal stiffeners is 45°. The drawing includes a list of components and their dimensions:

- A = 120 x 75 x 8, x 130 LONG W
- 2 M10 G4 48 BOLTS
- 50x50x10 T12 x 1 M10 G4 BOLTS
- 3-mm THK STIFFENER PLAT
- D=PIER IN (SIZE VARIES)

EVERY SECOND PLACEMENT

Technical drawing of a rectangular steel gutter. The main body is a rectangle with a width of 300 mm and a height of 150 mm. The top flange has a total width of 105 mm on each side, with a sloped section of 18 mm. The material is specified as 2.5x120x320mm HOT DIPPED GALVANIZED STEEL GUTTER. A 10mm RCO WELDED AT 750mm is indicated.

NOT FOR CONSTRUCTION