

## § 8. 單位數量計算書



Technical drawing of a mechanical part showing front and top views with dimensions.

**Front View (Top):**

- Overall width: 622
- Overall height: 125
- Top flange thickness: 50
- Inner width of top flange: 500
- Radius of inner fillet: R56
- Bottom flange thickness: 5
- Overall width at base: 612

**Top View (Bottom):**

- Overall width: 622
- Overall depth: 500
- Top flange thickness: 20
- Inner width of top flange: 500
- Radius of inner fillet: R56
- Bottom flange thickness: 5
- Overall width at base: 612

[illegible]





Technical drawing of a drainage structure showing dimensions and components:

- Dimensions:**
  - Top width: 380
  - Inner width: 300
  - Side flange width: 40
  - Height from base to top: 335
  - Height from base to inner channel: 300
  - Height of base layer: 35
  - Base layer thickness: 100
  - Base layer width: 440
  - Base layer offset: 100
  - Base layer width (inner): 240
- Components:**
  - 角フリューム (Corner Fume)
  - 敷モルタル 1:3 (Mortar 1:3)
  - 基礎材 RC-40 (Foundation Material RC-40)

[illegible]



Figure 1 is a cross-sectional diagram of the test specimen. The diagram shows a U-shaped structure with a base. Dimensions are given in mm. The top width is 500, with 50 mm on each side of a 400 mm central opening. The height of the side walls is 446 mm, and the height of the base is 400 mm. The base has a thickness of 46 mm. The base is composed of a 100 mm wide RC-40 concrete layer and a 320 mm wide 1:3 mortar layer. The side walls are made of 400 mm wide corner flume material.

[illegible]







Technical drawing of a cross-section of a bridge structure. The drawing shows a central archway supported by a concrete pier. The pier is composed of a base layer of crushed stone (基礎砕石 RC-40) and a concrete layer (基礎コンクリート 18N/mm<sup>2</sup>). The archway is made of in-situ concrete (インバートコンクリート 18N/mm<sup>2</sup>). The top of the arch is covered by a grating cover (グレーチング蓋 横断用 500). Dimensions are provided in millimeters: total width 950, pier width 850, arch width 500, and total height 1075. Other dimensions include 125, 500, 125, 140, 635, 585, 50, 150, 150, 50, 50, 50, 850, 950, 50, 50.

[illegible]





764

438

310

494

350

44

72

100

150

20

72

敷モルタル  
1:3

基礎コンクリート  
18N/mm<sup>2</sup>

基礎砕石  
RC-40

100

310

100

510

[illegible]



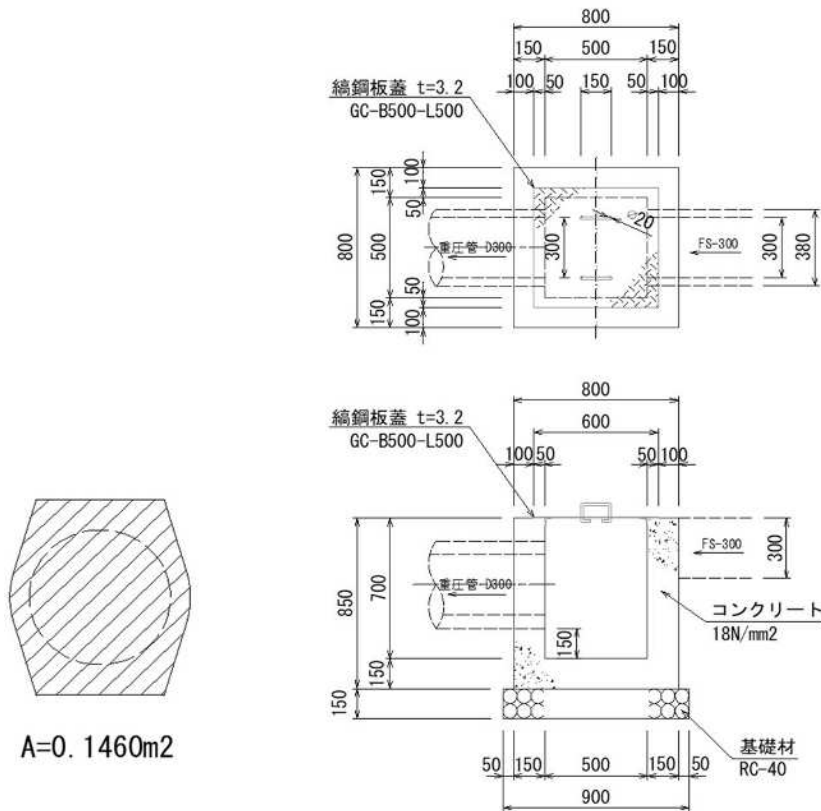




# 単 位 数 量 計 算 書

1ヶ所当り

## G-B500-L500-H700

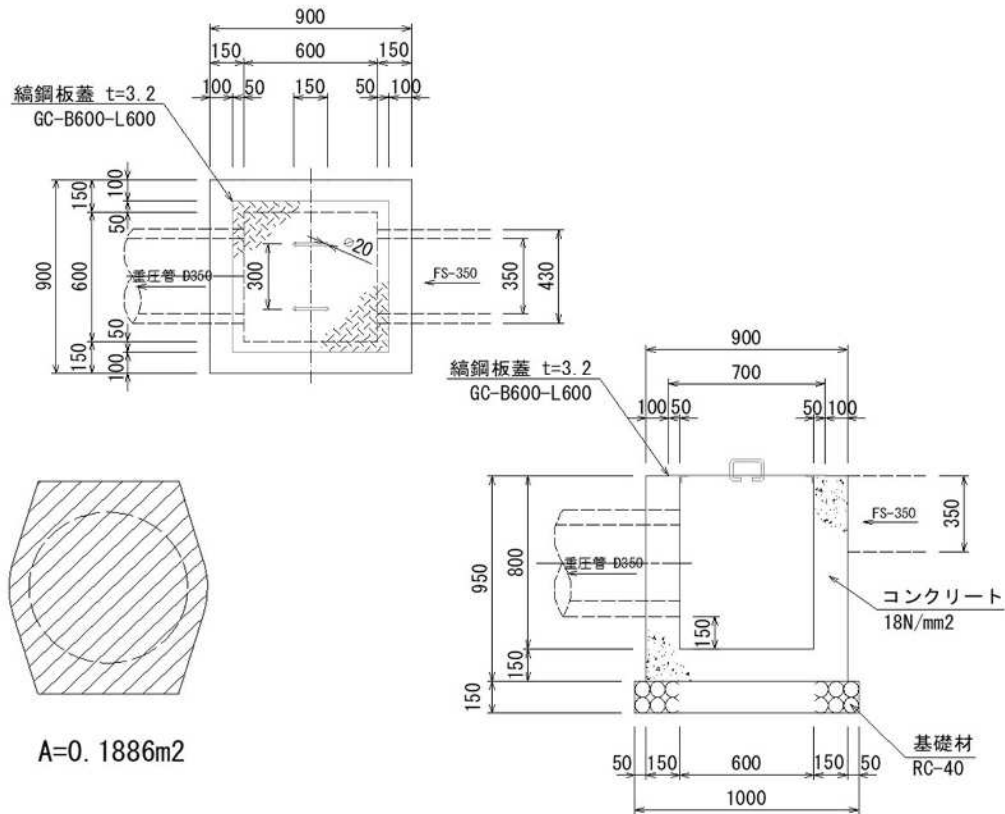


名 称	規 格	算 式	単位数量	延長 ヶ所	数 量
コンクリート	18N/mm2	0.800*0.800*0.850	0.5440		
		-0.500*0.500*0.700	-0.1750		
		-0.300*0.380*0.150	-0.0171		
		-0.1460*0.150	-0.0219	0.3300	1
					0.330 m3
型 枠	小型	0.800*0.850*4	2.7200		
		0.500*0.700*4	1.4000		
		-0.300*0.380*2	-0.2280		
		-0.1460*2	-0.2920	3.6000	1
					3.600 m2
基礎材	RC-40 t=150	0.900*0.900	0.8100	1	0.810 m2
縞鋼板蓋	SS400 t=3.2	小構造物標準設計図集より	9.5330	1	9.533 kg
等辺山形鋼	SS400	〃	1.3330	1	1.333 kg
取手鉄筋	φ13	〃	0.9360	1	0.936 kg

# 単位数量計算書

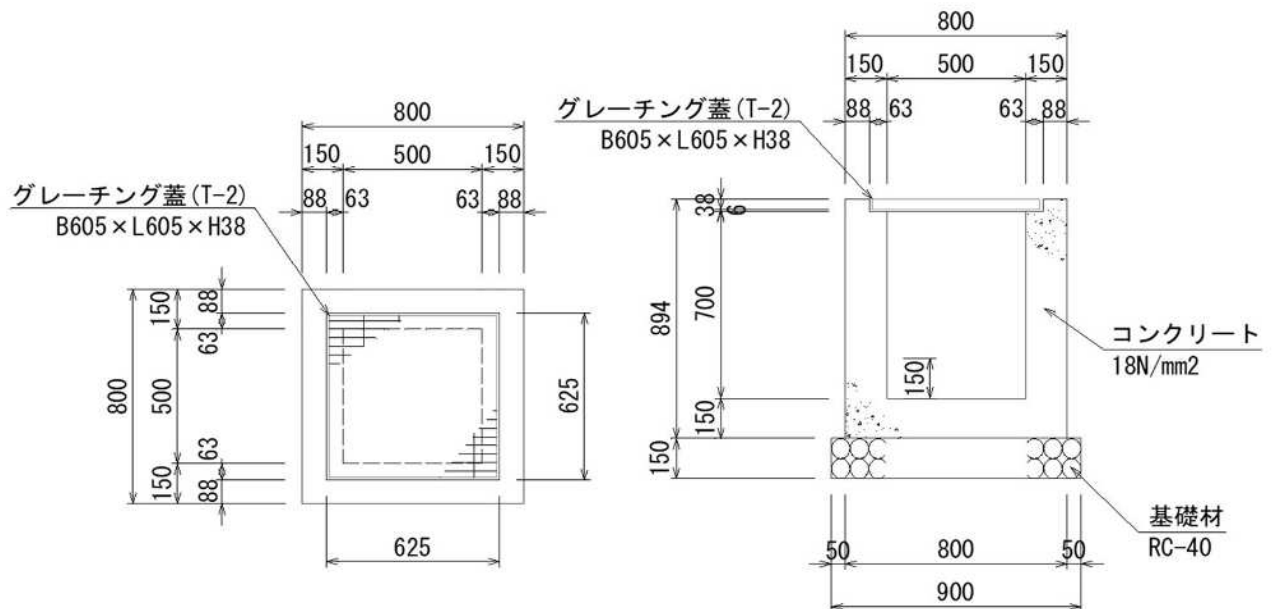
1ヶ所当り

## G-B600-L600-H800



名 称	規 格	算 式	単位数量	延長 ヶ所	数 量
コンクリート	18N/mm2	0.900*0.900*0.950	0.7695		
		-0.600*0.600*0.800	-0.2880		
		-0.350*0.430*0.150	-0.0226		
		-0.1886*0.150	-0.0283	0.4306	1
					0.431 m3
型 枠	小型	0.900*0.950*4	3.4200		
		0.600*0.800*4	1.9200		
		-0.350*0.430*2	-0.3010		
		-0.1886*2	-0.3772	4.6618	1
					4.662 m2
基礎材	RC-40 t=150	1.000*1.000	1.0000	1	1.000 m2
縞鋼板蓋	SS400 t=3.2	小構造物標準設計図集より	12.9750	1	12.975 kg
等辺山形鋼	SS400	〃	1.6050	1	1.605 kg
取手鉄筋	φ13	〃	0.9360	1	0.936 kg

## GI 1-B500-L500-H700 (T-2)

[illegible]

Technical drawing of a drainage grate assembly, showing top and side views with dimensions and material specifications.

**Top View (Left):**

- Overall dimensions: 800 mm (width) x 800 mm (depth).
- Grate dimensions: 607 mm (width) x 607 mm (depth).
- Grate label: グレーティング蓋 (T-14) B607×L607×H50.
- Concrete base dimensions: 630 mm (width) x 630 mm (depth).
- Concrete base label: コンクリート 18N/mm<sup>2</sup>.

**Side View (Right):**

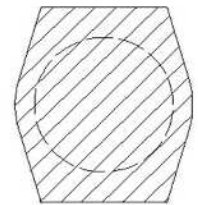
- Overall height: 906 mm.
- Grate height: 50 mm.
- Concrete base height: 150 mm.
- Concrete base label: 基礎材 RC-40.

[illegible]

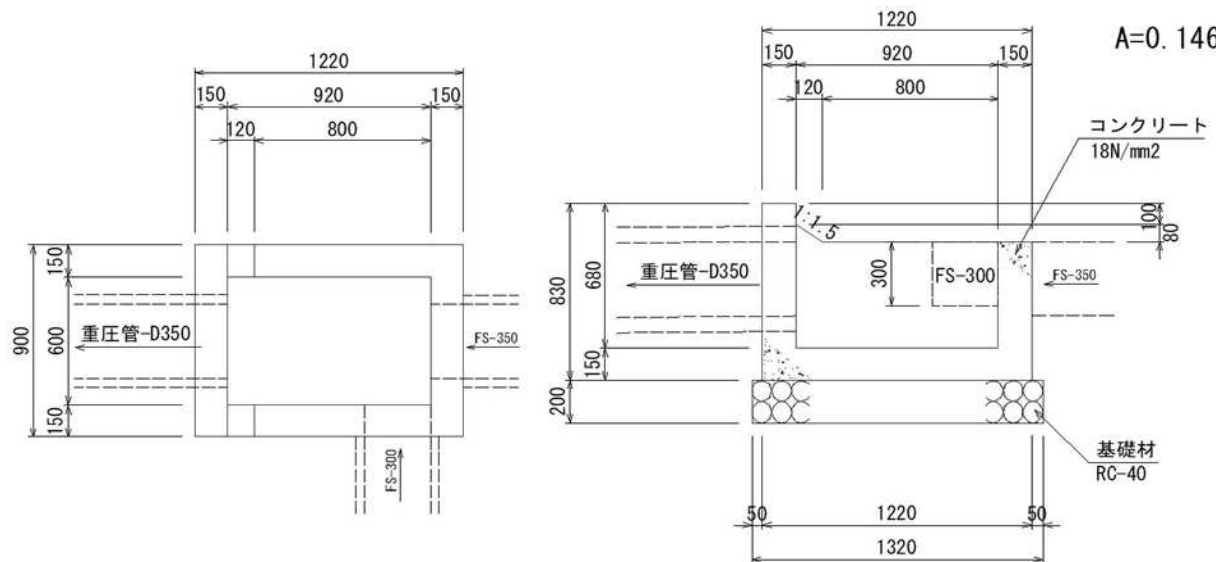
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[illegible][illegible]

WI-1-D350



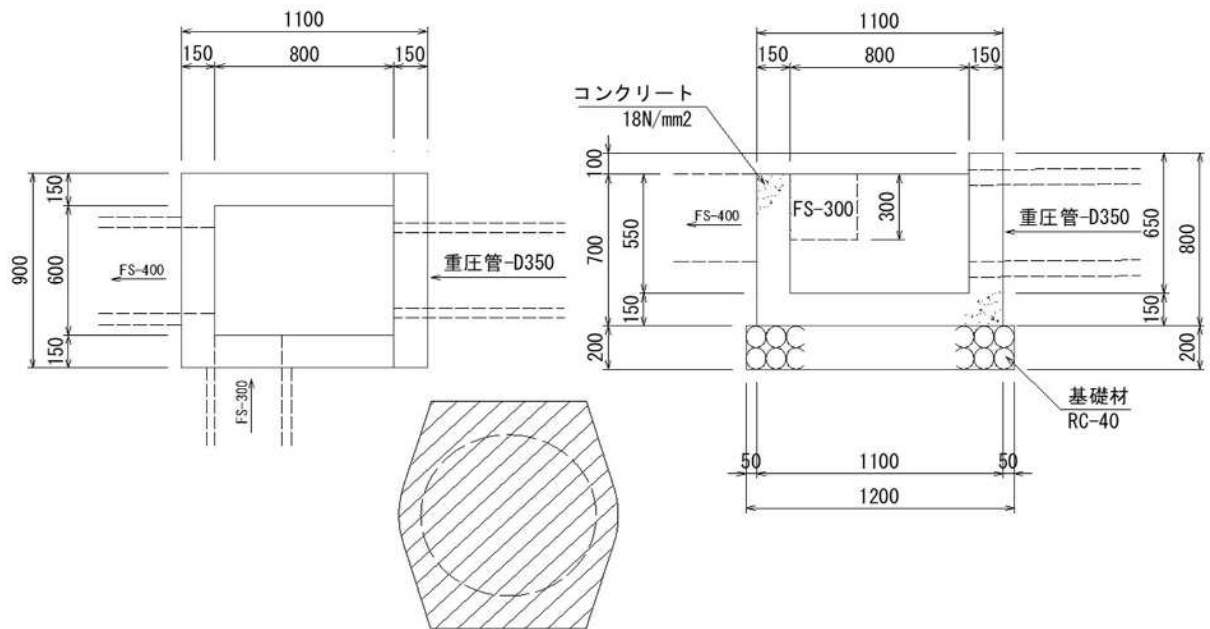
A=0.1460m<sup>2</sup>



名 称	規 格	算 式	単位数量	延長 ヶ 所	数 量
コンクリート	18N/mm <sup>2</sup>	1.220*0.900*0.830	0.9113		
		-0.920*0.600*0.680	-0.3754		
		-0.900*0.150*0.180	-0.0243		
		-0.300*0.300*0.150	-0.0135		
		-0.350*0.350*0.150	-0.0184		
		-0.1460*0.150	-0.0219	0.4578	1
					0.458 m <sup>3</sup>
型枠	小型	(1.220+0.900)*0.830*2	3.5192		
		(0.920+0.600)*0.830*2	2.5232		
		(0.900+0.150)*0.180*2	0.3780		
		(0.300+0.300*2)*0.150	0.1350		
		(0.350+0.350*2)*0.150	0.1575		
		-0.300*0.300*2	-0.1800		
		-0.350*0.350*2	-0.2450		
		-0.1460*2	-0.2920	5.9959	1
					5.996 m <sup>2</sup>
基礎材	RC-40 t=200	1.320*1.000	1.3200	1	1.320 m <sup>2</sup>

1ヶ所当り

WO-1-D350


$$A = 0.1886 \text{ m}^2$$

名 称	規 格	算 式	単位数量	延長 ヶ所	数 量
コンクリート	18N/mm2	1.100*0.900*0.800	0.7920		
		-0.800*0.600*0.650	-0.3120		
		-0.900*0.150*0.100	-0.0135		
		-0.300*0.300*0.150	-0.0135		
		-0.400*0.400*0.150	-0.0240		
		-0.1886*0.150	-0.0283	0.4007	1
					0.401 m3
型枠	小型	(1.100+0.900)*0.800*2	3.2000		
		(0.800+0.600)*0.650*2	1.8200		
		(0.900+0.150)*0.100*2	0.2100		
		(0.300+0.300*2)*0.150	0.1350		
		(0.400+0.400*2)*0.150	0.1800		
		-0.300*0.300*2	-0.1800		
		-0.400*0.400*2	-0.3200		
		-0.1886*2	-0.3772	4.6678	1
					4.668 m2
基礎材	RC-40 t=200	1.200*1.000	1.2000	1	1.200 m2

1ヶ所当り

Technical drawing showing the plan and elevation views of a structure, likely a foundation or retaining wall, with dimensions in millimeters (mm).

**Plan View (Top Left):**

- Overall width: 1440 mm
- Overall height: 1300 mm
- Inner width: 1140 mm
- Inner height: 1000 mm
- Side margins: 150 mm (left and right)
- Internal dimensions: 780 mm and 360 mm

**Elevation View (Top Right):**

- Overall width: 1440 mm
- Overall height: 1100 mm
- Inner width: 1140 mm
- Inner height: 950 mm
- Side margins: 150 mm (left and right)
- Internal dimensions: 780 mm and 360 mm
- Concrete (コンクリート) 18N/mm<sup>2</sup>
- Reinforcement: 18N/mm<sup>2</sup>
- Foundation material (基礎材) RC-40
- Weighted pipe (重圧管-D600)
- Foundation height: 200 mm
- Foundation width: 1540 mm
- Foundation depth: 50 mm
- Foundation slope: 1:1.8

**Section View (Bottom):**

- Shape: Hexagonal cross-section
- Area:  $A = 0.5059 \text{ m}^2$

[illegible]





10 m当り

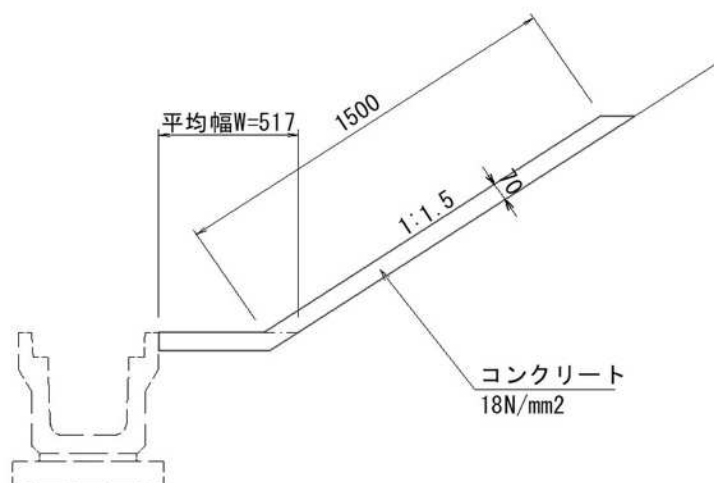
Technical drawing of a road cross-section showing a 1:1.5 slope, a 1000mm width, and various layers like concrete, sidewalk surface, and sidewalk base.

[illegible]

# 單位數量計算書

10 m当り

PS4

[illegible]

[illegible]

10 m当り

Figure 1 is a cross-sectional diagram of a concrete curb (一体型) with dimensions and labels. The diagram shows a curb with a top width of 650 mm and a height of 300 mm. The curb is divided into sections with widths of 130 mm, 20 mm, 180 mm, 20 mm, and 300 mm. The curb is supported by a base (基礎材 RC-40) with a width of 700 mm and a height of 100 mm. The curb is covered with a 1:3 mortar (敷モルタル 1:3). The curb is labeled with dimensions and labels: 一体型, 650 × 300, 130, 20, 180, 20, 300, 300, 200, 100, 100, 20, 50, 650, 700, 基礎材 RC-40, 敷モルタル 1:3, 歩道 (sidewalk), 車道 (road), and a slope of  $i=1/10$ .

[illegible]



[illegible]

Technical drawing of a concrete curb cross-section. The curb has a top width of 180mm and a base width of 230mm. The total height is 250mm, with a 20mm base layer of bedding mortar (敷モルタル) and a 230mm upper section. The upper section consists of a 20mm top layer of mortar filling (モルタル充填) and a 210mm section of concrete. The concrete is labeled as "境界ブロック B種" (Boundary Block B-type). The curb is on a "▽歩道" (pedestrian path) and adjacent to a "▽車道" (road). The bedding mortar has a ratio of 1:3. Dimensions 50, 230, and 50 are shown at the base, indicating the curb's width relative to the road and path.

[illegible]



