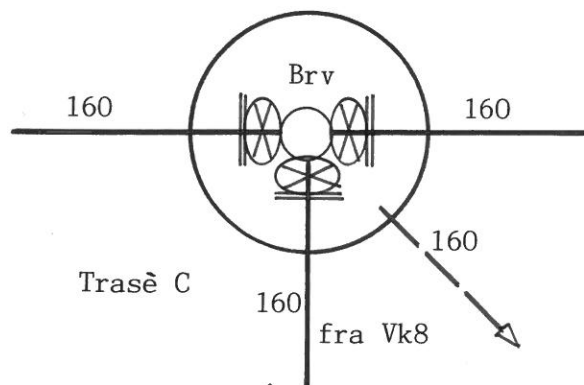


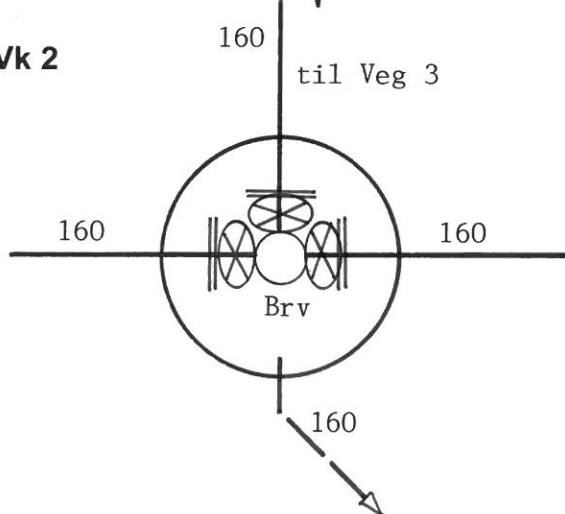
Kum nr: Prinsippskisse:

Stk: Utstyr i kum:

Vk 4**Vk 4, Veg 2 pel 480**

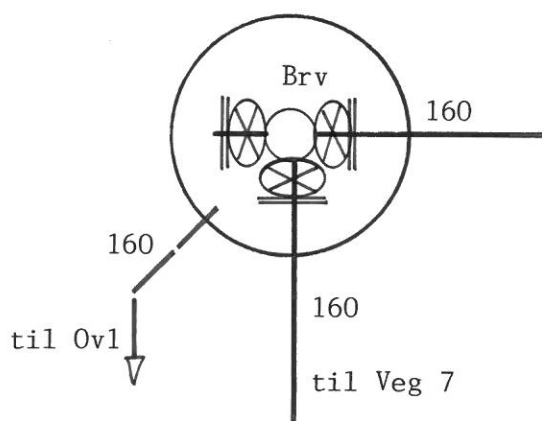
D 1600 / BH 2400

- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 3 Flensemuffe strekkfast DN150 for PVC 160
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Vk 2**Vk 2, Veg 2 pel 650**

D 1600 / BH 2400

- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 3 Flensemuffe strekkfast DN150 for PVC 160
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Vk 1**Vk 1, Veg 1 pel 263**

D 1600 / BH 2450

- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffe strekkfast DN150 for PVC 160
- 1 Blindflens DN150
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

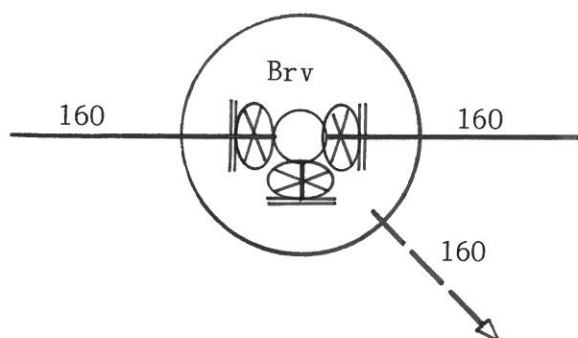
NB! Viser til Tromsø kommunes Kommunaltekniske Norm rev. 24.05.2018:

Alle vannkummer skal leveres med IG-max kvalitet.

Armatyr skal være modulbasert.

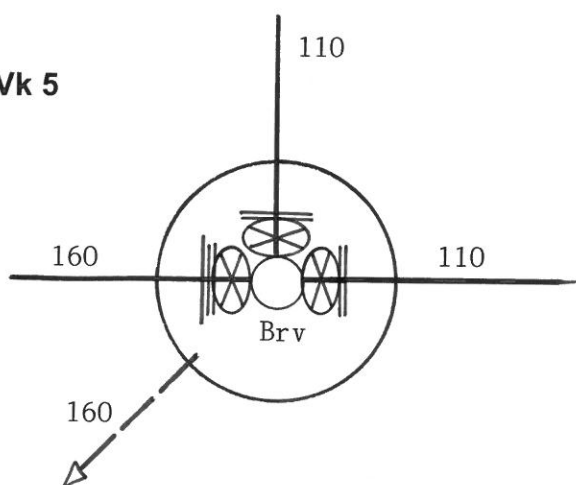
Kum nr: Prinsippskisse:

Stk: Utstyr i kum:

Vk 3**Vk 3, Veg 2 pel 565**

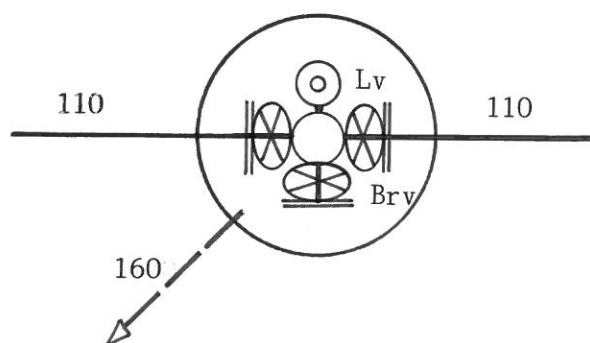
D 1600 / BH 2500

- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffe strekkfast DN150 for PVC 160
- 1 Blindflens DN150
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Vk 5**Vk 5, Veg 3 pel 72**

D 1600 / BH 2300

- 1 Ventil-T DN100 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffe strekkfast DN100 for PVC 110
- 1 Flensemuffe strekkfast DN150 for PVC 160
- 1 Reduksjonsflens DN 150/100
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

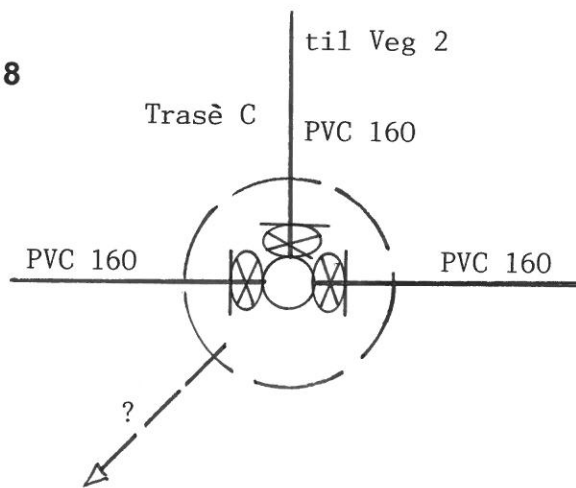
Vk 6**Vk 6, Veg 3 pel 130**

D 1600 / BH 2450

- 1 Ventil-T DN100 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffe strekkfast DN100 for PVC 110
- 1 Blindflens DN150
- 1 Lufteventil type; iht. Kom. tekn. VA-norm
- 1 Mellomring DN100 med 1 1/2" uttak, albu og 3/4 sluse
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Kum nr: Prinsippkisse: Stk: Utstyr i kum:

Vk 8



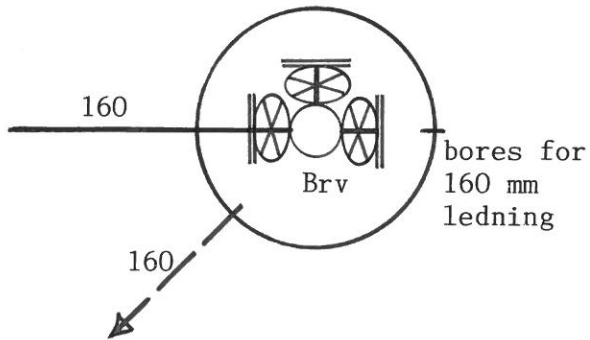
Eksisterende Vk8 (V6142)

I gangveg ved fylkesvegen

D ukjent / BH ukjent

Kum nr: Prinsippkisse: Stk: Utstyr i kum:

Vk 22



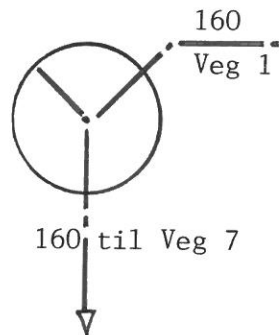
Vk 22 Veg 2 pel 425 Endekum

D 1600 / BH 2400

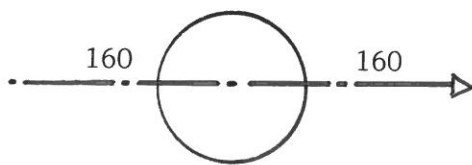
- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avstikk, 3 serviceventiler og nøkkeltopp
- 1 Flensemuffe strekkfast DN150 for PVC 160
- 2 Blindflens DN150
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Kum nr: Prinsippskisse:

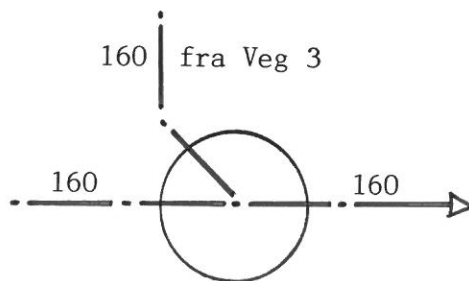
Stk: Utstyr i kum:

Sp 1**Sp 1, Veg 1 pel 262**

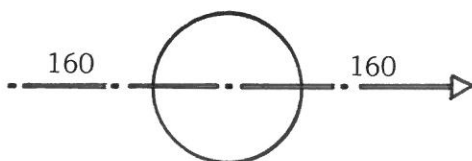
D 1000 / BH 2850

Sp 2**Sp 2, Veg 7 pel 5**

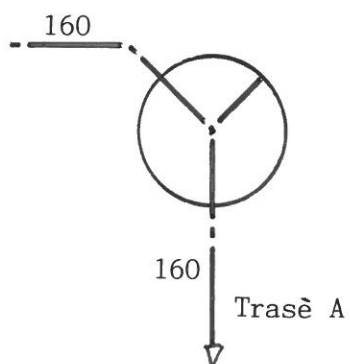
D 1000 / BH 3000

Sp 3**Sp 3, Veg 2 pel 650**

D 1000 / BH 3100

Sp 4**Sp 4, Veg 2 pel 590**

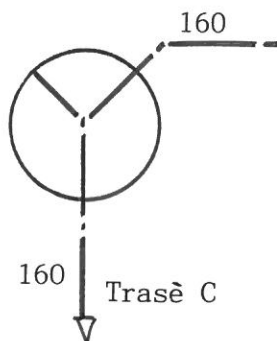
D 1000 / BH 2750

Sp 5**Sp 5, Veg 2 pel 525**

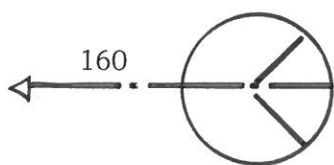
D 1000 / BH 3050

Kum nr: Prinsippskisse:

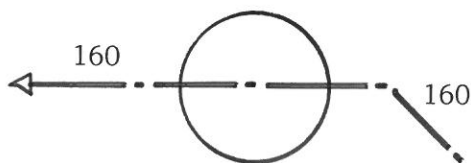
Stk: Utstyr i kum:

Sp 6**Sp 6, Veg 2 pel 480**

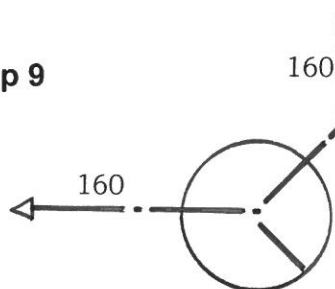
D 1000 / BH 2800

Sp 7**Sp 7, Veg 2 pel 425**

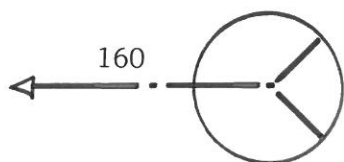
D 1000 / BH 3000

Sp 8**Sp 8, Veg 3 pel 30**

D 1000 / BH 2750

Sp 9**Sp 9, Veg 3 pel 73**

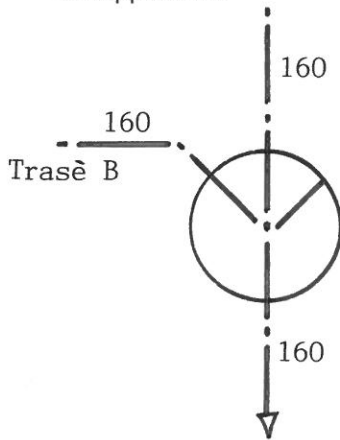
D 1000 / BH 3000

Sp 10**Sp 10, Veg 3 pel 129**

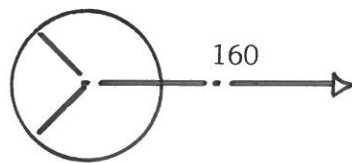
D 1000 / BH 3150

Kum nr: Prinsippskisse:

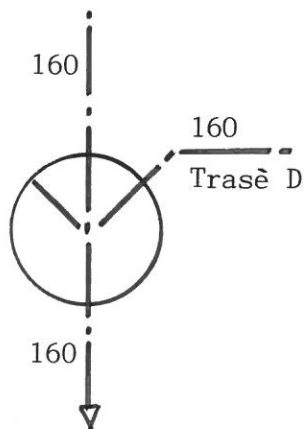
Stk: Utstyr i kum:

Sp 11**Sp 11, Trasè A pel 25**

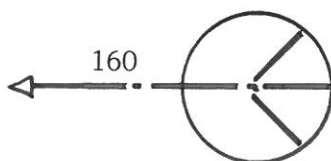
D 1000 / BH ca. 2500

Sp 12**Sp 12, Trasè B pel 80**

D 1000 / BH ca. 2000

Sp 13**Sp 13, Trasè C pel 35**

D 1000 / BH ca. 2800

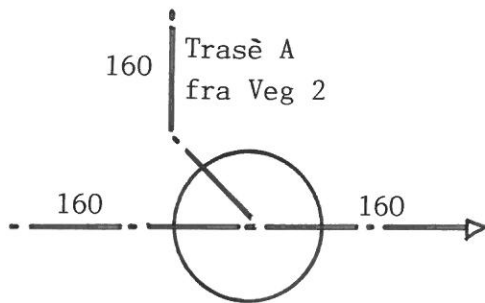
Sp 14**Sp 14, Trasè D pel 50**

D 1000 / BH ca. 2000

Kum nr:

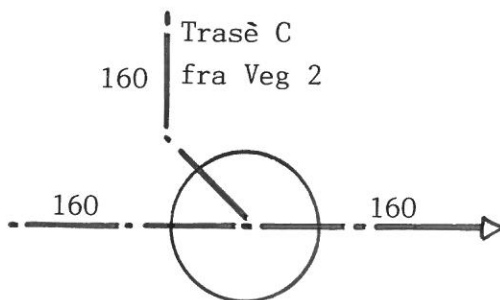
Prinsippkisse:

Stk: Utstyr i kum:

Sk 8a**Eksisterende Sk 8a**

I gangveg ved fylkesvegen

D 1000 / BH 4900

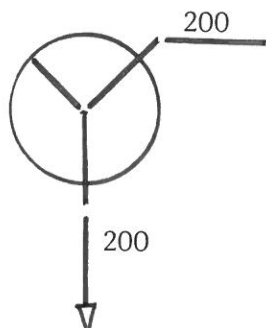
Sk 8b**Eksisterende Sk 8b**

I gangveg ved fylkesvegen

D 1000 / BH 5600

Kum nr: Prinsippkisse:

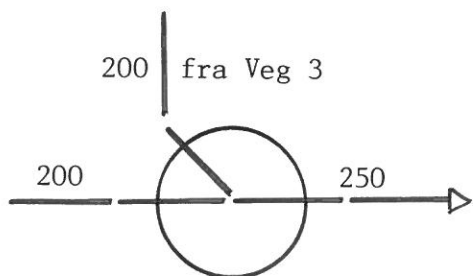
Stk: Utstyr i kum:

Ov 1**Ov 1, Veg 1 pel 261**

D 1000 / BH 2650

Ov 2**Ov 2, Veg 7 pel 5**

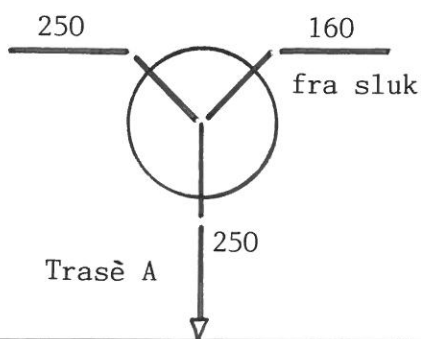
D 1000 / BH 2750

Ov 3**Ov 3, Veg 2 pel 650**

D 1000 / BH 2800

Ov 4**Ov 4, Veg 2 pel 590**

D 1000 / BH 2750

Ov 5**Ov 5, Veg 2 pel 525**

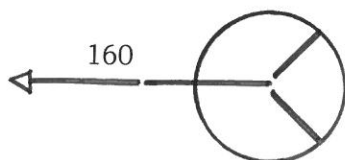
D 1000 / BH 3050

Kum nr: Prinsippskisse:

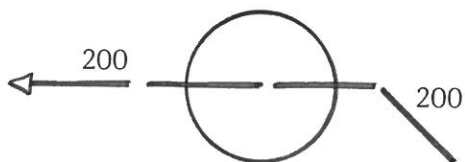
Stk: Utstyr i kum:

Ov 6**Ov 6, Veg 2 pel 438**

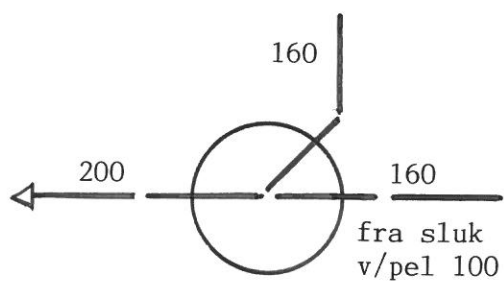
D 1000 / BH 3000

**Ov 7****Ov 7, Veg 3 pel 30**

D 1000 / BH 2400

**Ov 8****Ov 8, Veg 3 pel 74**

D 1000 / BH 2700

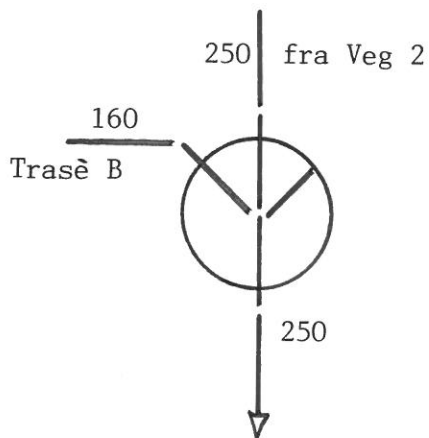
**Ov 9****Ov 9, Veg 3 pel 128**

D 1000 / BH 2850

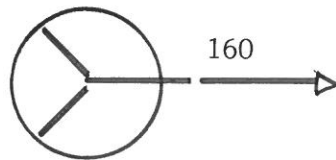


Kum nr: Prinsippskisse:

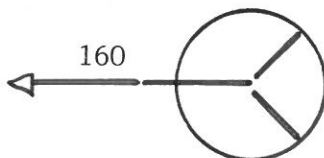
Stk: Utstyr i kum:

Ov 10**Ov 10, Trasè A pel 25**

D 1000 / BH 2200

Ov 11**Ov 11, Trasè B pel 80**

D 1000 / BH 2200

~~**Ov 12, Trasè C pel 35**~~ Utgår!**Ov 12****Ov 12, Trasè D pel 50**

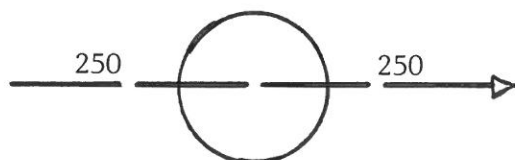
D 1000 / BH 2200

Kum nr: Prinsippskisse:

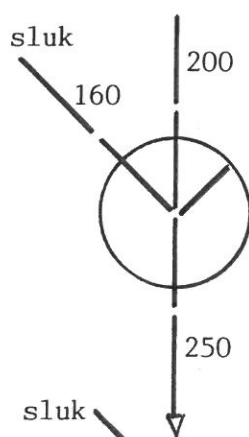
Stk: Utstyr i kum:

Ov 14B**Ov 14B, Veg 1 pel 70**

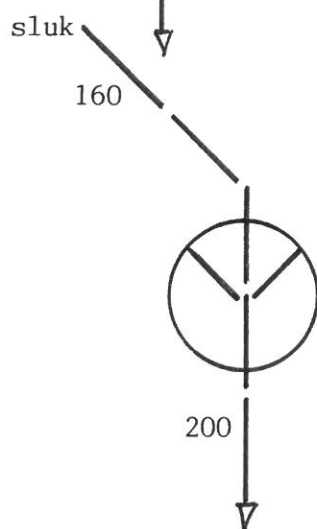
D 1000 / BH 2100

**Ov 15****Ov 15, Veg 1 pel 145**

D 1000 / BH 2100

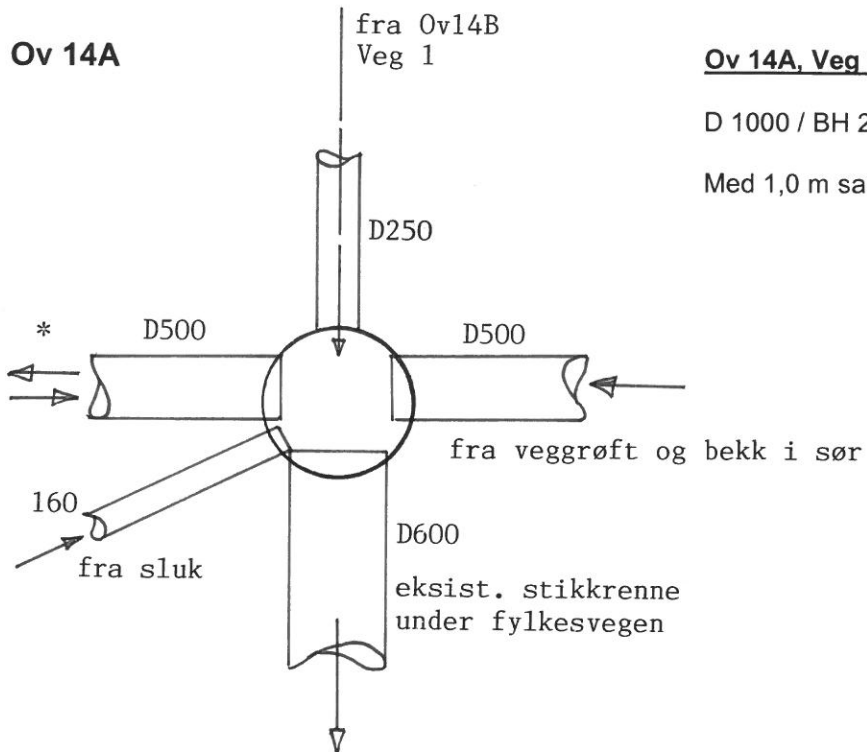
**Ov 16****Ov 16, Veg 1 pel 220**

D 1000 / BH 2100



Kum nr: Prinsippskisse:

Stk: Utstyr i kum:

Ov 14A**Ov 14A, Veg 1 pel 10**

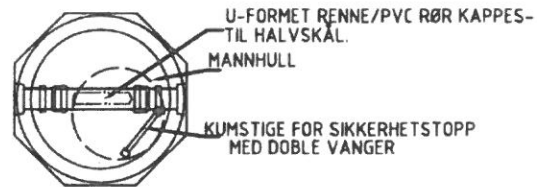
D 1000 / BH 2700

Med 1,0 m sandfang

* Nødoverløp

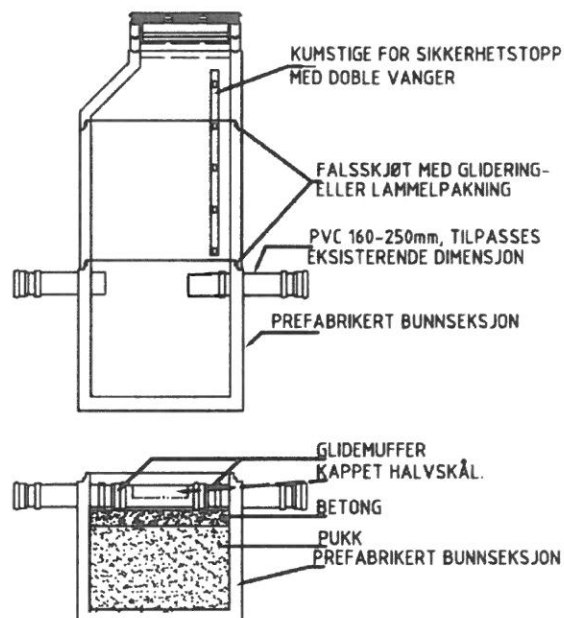
God kapasitet på stikkrenne D500 i nord

Rådgivende Ing. Tromsø	Prosjekt: Skjelnan boligområde Bt1	Sak nr: 1241
Norprosjekt a/s	Byggherre: Skjelnan Utbygging AS	Målestokk: 1:50
Tromsø 05.07.2018	Kapittel: Steinfellekum/SFK	Rev: 26.09.18



SITUASJON VED UTBYGGING.
 INN-OG UTLØPSRØR FØRES INN ØVERST I NEDERSTE KUMELEMENT.
 RØRENE UTSTIKK INN I KUMMEN MÅ VÆRE 10 CM ELLER MER.

D1000/BH2700

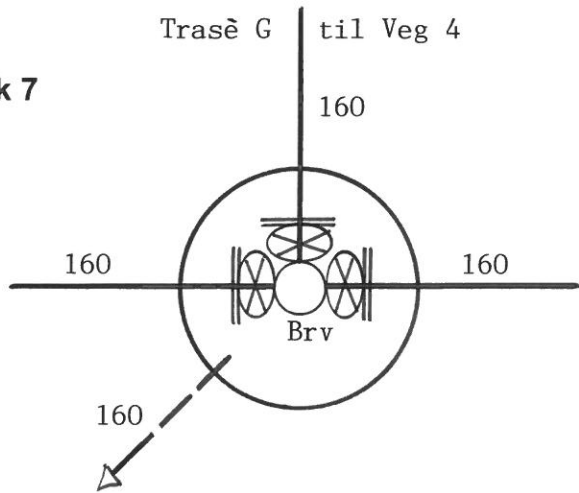


SITUASJON ETTER UTBYGGING.

1. TILFØRSEL AV PUKK OG BETONG FOR STØPING AV BUNN.
 PVC RØR KAPPES TIL HALVSKÅL.
2. STØPE BUNN OG RUNDT HALVSKÅL

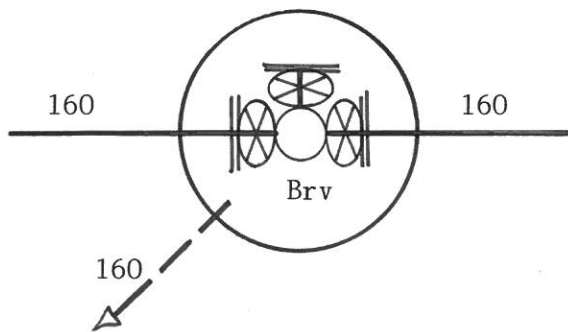
Kum nr: Prinsippskisse:

Stk: Utstyr i kum:

*NB! Viser til Tromsø kommunes Kommunalteknisk Norm rev. 24.05.2018:**Alle vannkummer skal leveres med IG-max kvalitet. Armatur skal være modulbasert.***Vk 7****Vk 7, Veg 1 pel 315**

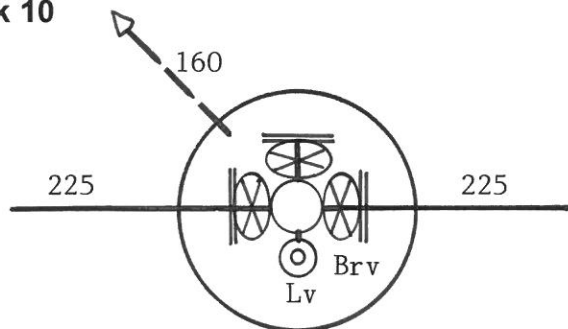
D 1600 / BH 2500

- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 3 Flensemuffer strekkfaste DN150 for PVC 160 mm
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Vk 9**Vk 9, Veg 1 pel 420**

D 1600 / BH 2500

- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffer strekkfaste DN150 for PVC 160 mm
- 1 Blindflens DN150
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Vk 10**Vk 10, Veg 1 pel 590**

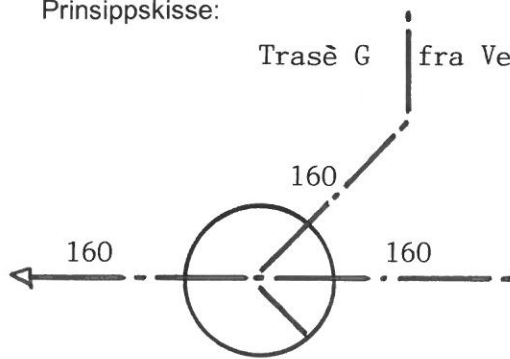
D 1600 / BH 2500

- 1 Ventil-T DN200 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffer strekkfaste DN200 for PVC 225 mm
- 1 Blindflens DN200
- 1 Lufteventil type; iht. kom. tekn. VA-norm
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

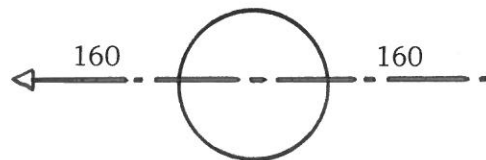
Kum nr:

Prinsippskisse:

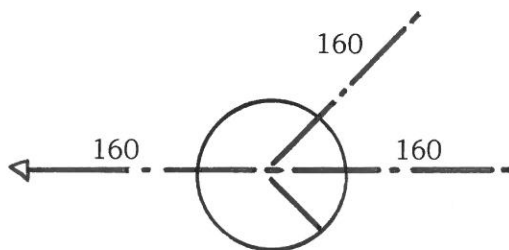
Stk: Utstyr i kum:

Sp 15**Sp 15, Veg 1 pel 315**

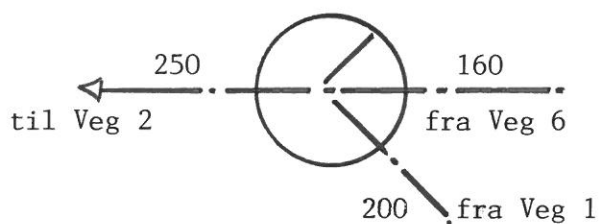
D 1000 / BH 2950

Sp 16**Sp 16, Veg 1 pel 390**

D 1000 / BH 2850

Sp 17**Sp 17, Veg 1 pel 465**

D 1000 / BH 2900

Sp 18**Sp 18, Veg 1 pel 525**

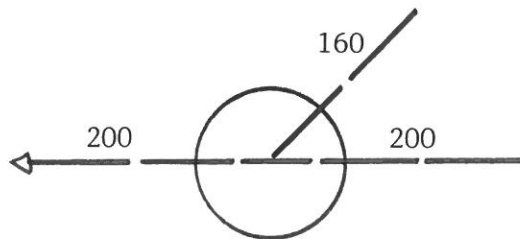
D 1000 / BH 3000

Sp 19**Sp 19, Veg 1 pel 590**

D 1000 / BH 3100

Kum nr: Prinsippskisse:

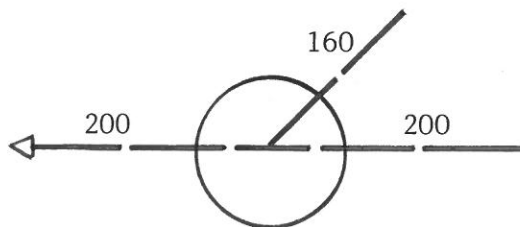
Stk: Utstyr i kum:

Ov 17**Ov 17, Veg 1 pel 315**

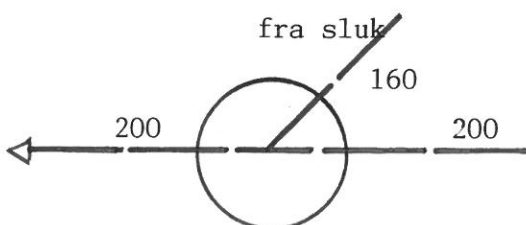
D 1000 / BH 2950

Ov 18**Ov 18, Veg 1 pel 390**

D 1000 / BH 2850

Ov 19**Ov 19, Veg 1 pel 465**

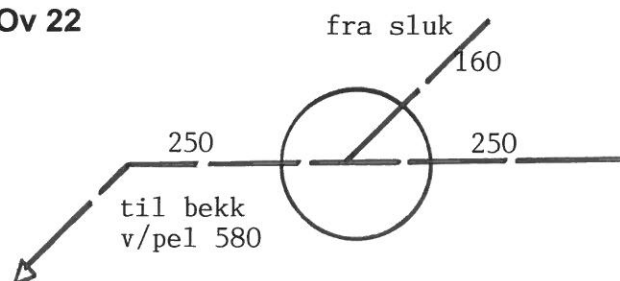
D 1000 / BH 2900

Ov 20**Ov 20, Veg 1 pel 510**

D 1000 / BH 2900

Ov 21**Ov 21, Veg 1 pel 550**

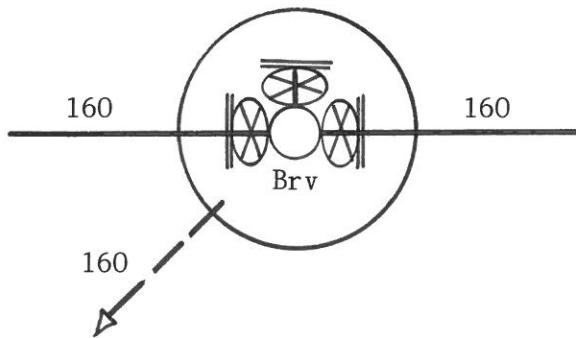
D 1000 / BH 2500

Ov 22**Ov 22, Veg 1 pel 590**

D 1000 / BH 2750

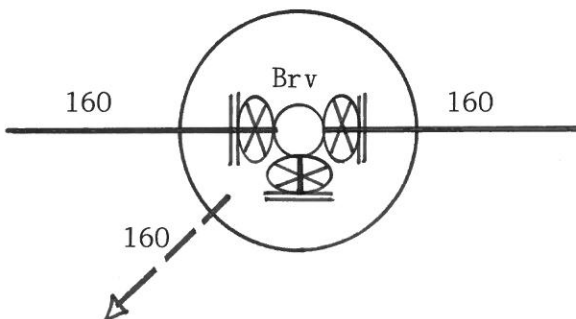
Kum nr: Prinsippskisse:

Stk: Utstyr i kum:

*NB! Viser til Tromsø kommunes Kommunalteknisk Norm rev. 24.05.2018:**Alle vannkummer skal leveres med IG-max kvalitet. Armatur skal være modulbasert.***Vk 11****Vk 11, Veg 2 pel 380**

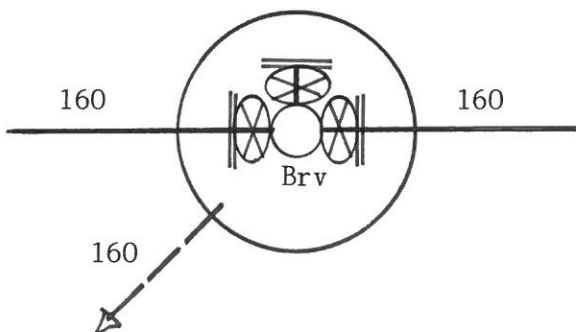
D 1600 / BH 2400

- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffer strekkfaste DN150 for PVC 160 mm
- 1 Blindflens DN150
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Vk 12**Vk 12, Veg 2 pel 310**

D 1600 / BH 2600

- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffer strekkfaste DN150 for PVC 160 mm
- 1 Blindflens DN150
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

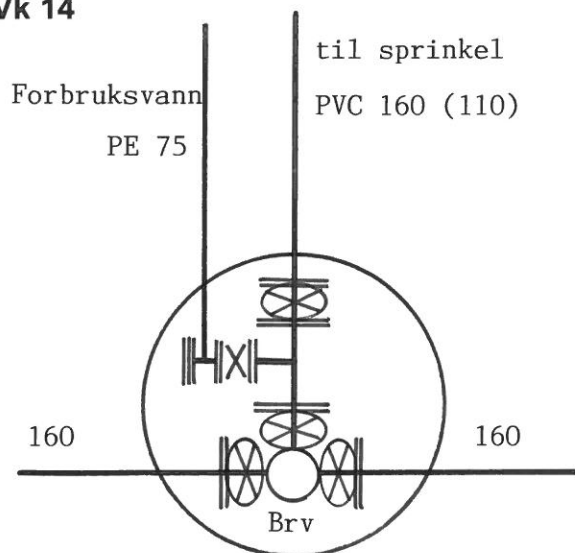
Vk 13**Vk 13, Veg 2 pel 215**

D 1600 / BH 2250

- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffer strekkfaste DN150 for PVC 160 mm
- 1 Blindflens DN150
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

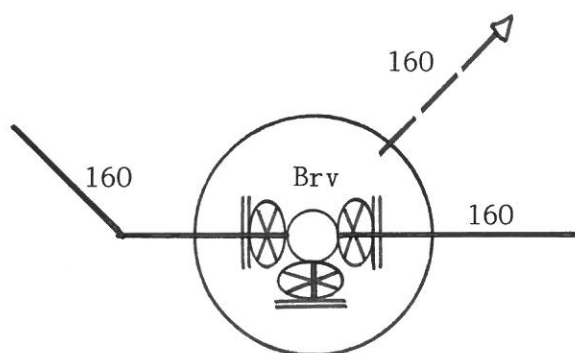
Kum nr: Prinsippskisse:

Stk: Utstyr i kum:

Vk 14**Vk 14, Veg 2 pel 120**

D 2000 / BH 2850

- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffer strekkfaste DN150 for PE 160 mm
- 1 Flense-T DN 150/80
- 1 Sluseventil DN80
- 1 Mellomring DN80 gjengefri m/kuleventil
- 1 Flensekrage PE DN150 m/løsf lens
- 1 Blindflens DN80
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Vk 15**Vk 15, Veg 2 pel 40**

D 1600 / BH 3000

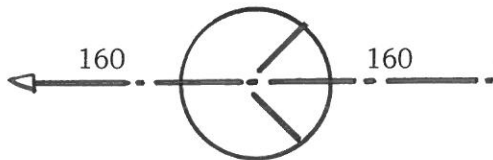
- 1 Ventil-T DN100 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffer strekkfaste DN150 for PVC 160 mm
- 1 Blindflens DN150
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Kum nr: Prinsippskisse:

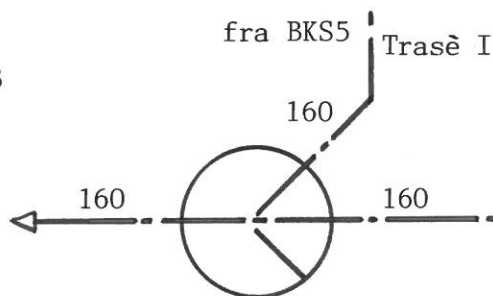
Stk: Utstyr i kum:

Sp 20A**Sp 20A, Veg 2 pel 380**

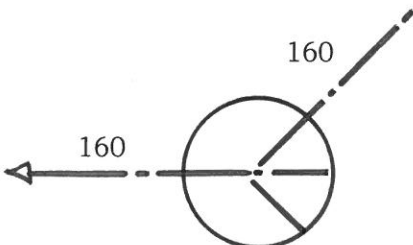
D 1000 / BH 2800

**Sp 20B****Sp 20B, Veg 2 pel 345**

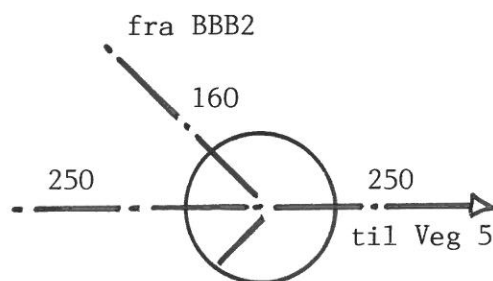
D 1000 / BH 2850

**Sp 21****Sp 21, Veg 2 pel 310**

D 1000 / BH 2800

**Sp 22****Sp 22, Veg 2 pel 185**

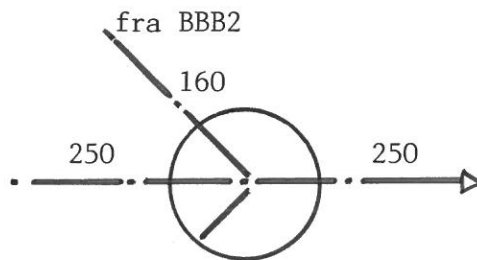
D 1000 / BH 3500



Kum nr:

Prinsippskisse:

Stk: Utstyr i kum:

Sp 23**Sp 23, Veg 2 pel 120**

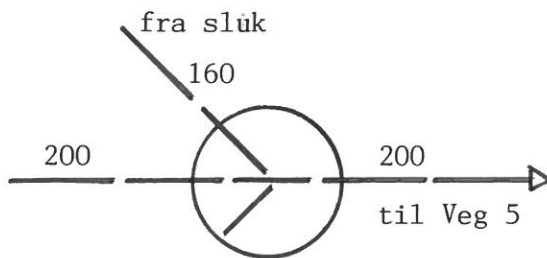
D 1000 / BH 3300

Sp 24**Sp 24, Veg 2 pel 50**

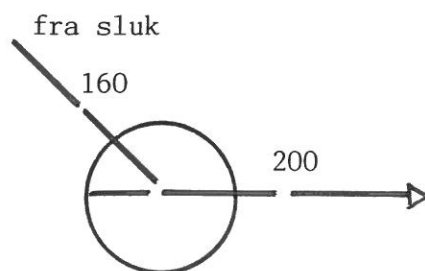
D 1000 / BH 3350

Kum nr: Prinsippskisse:

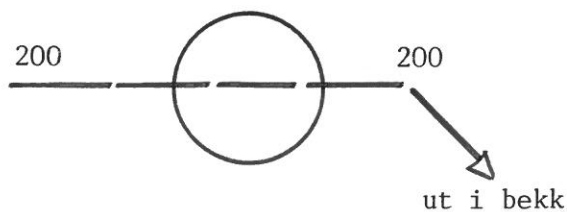
Stk: Utstyr i kum:

Ov 25**Ov 25, Veg 2 pel 185**

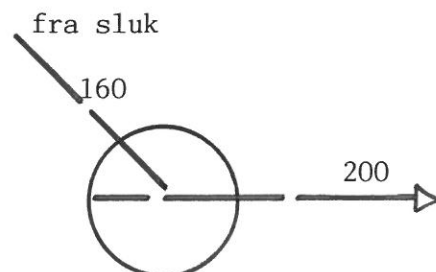
D 1000 / BH 3500

Ov 26**Ov 26, Veg 2 pel 105**

D 1000 / BH 3350

Ov 27**Ov 27, Veg 2 pel 70**

D 1000 / BH 3400

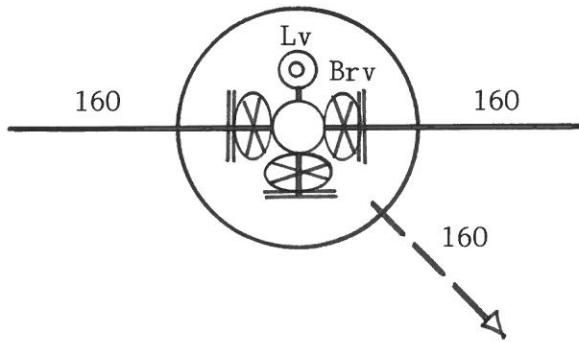
Ov 28**Ov 28, Veg 2 pel 30**

D 1000 / BH 3250

Kum nr: Prinsippskisse: Stk: Utstyr i kum:

*NB! Viser til Tromsø kommunes Kommunalteknisk Norm rev. 24.05.2018:
Alle vannkummer skal leveres med IG-max kvalitet. Armatur skal være modulbasert.*

Vk 16

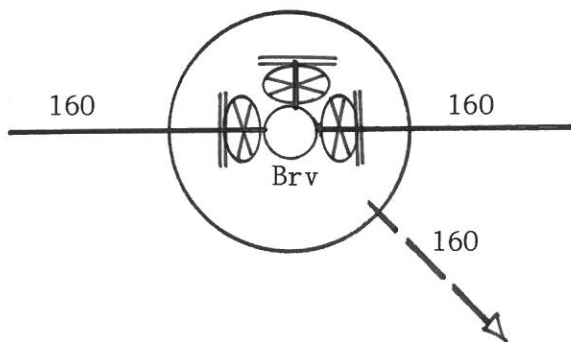


Vk 16, Veg 4 pel 65

D 1600 / BH 2200

- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffer strekkfaste DN150 for PVC 160 mm
- 1 Blindflens DN150
- 1 Lufteventil type; iht. kom. tekn. VA-norm
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Vk 17



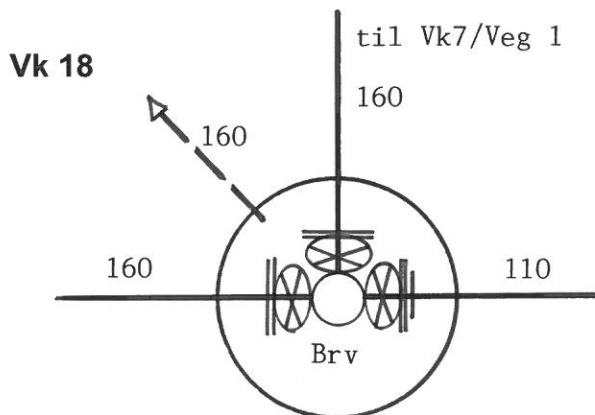
Vk 17, Veg 4 pel 135

D 1600 / BH 2500

- 1 Ventil-T DN150 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffer strekkfaste DN150 for PVC 160 mm
- 1 Blindflens DN150
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

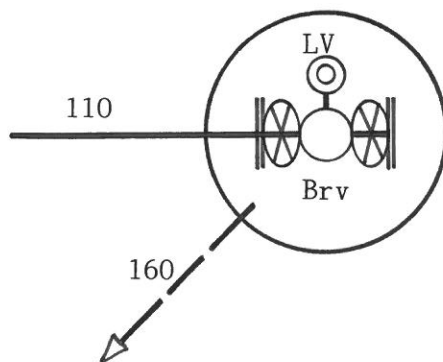
Kum nr: Prinsippskisse:

Stk: Utstyr i kum:

**Vk 18, Veg 4 pel 230**

D 1600 / BH 3200

- 1 Ventil-T DN150/150/100 med 3 ventiler, reduksjonsflensestuss på brannv. avst, 3 serviceventiler og nøkkeltopp
- 2 Flensemuffer strekkfaste DN150 for PVC 160 mm
- 1 Flensemuffe strekkfast DN100 for PVC 110 mm
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Vk 19**Vk 19, Veg 4 pel 270**

D 1600 / BH 2800

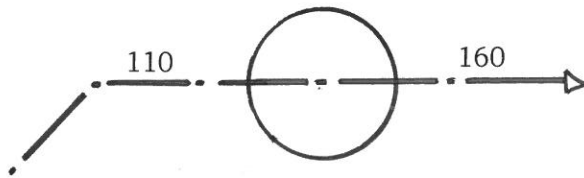
- 1 Kombi 2-veis DN100 ventil m/serviceventiler, nøkkeltopper og brannavstikk
- 1 Flensemuffe strekkfast DN100 for PVC 110 mm
- 1 Blindflens DN100
- 1 Luftventil, iht VA-norm
- 1 Brannventil DN100 stengbar m/4" Storz-kopling S-0953

Kum nr: Prinsippskisse:

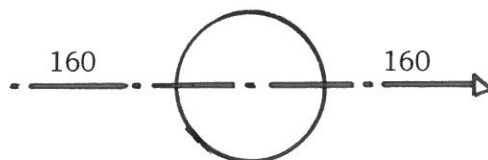
Stk: Utstyr i kum:

Sp 25**Sp 25, Veg 4 pel 60**

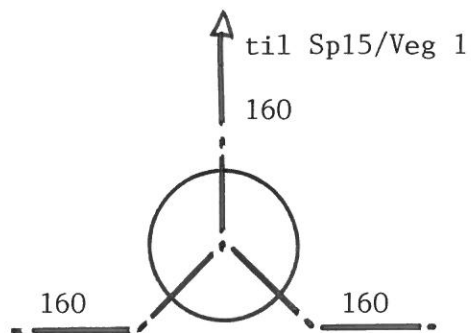
D 1000 / BH 2500

**Sp 26****Sp 26, Veg 4 pel 145**

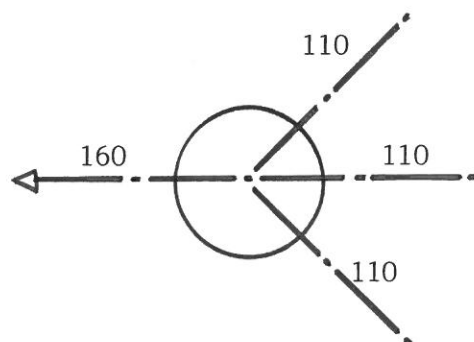
D 1000 / BH 2850

**Sp 27****Sp 27, Veg 4 pel 230**

D 1000 / BH 3600

**Sp 28****Sp 28, Veg 4 pel 270**

D 1000 / BH 3400

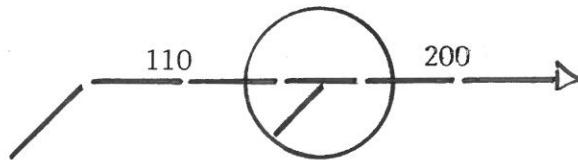


Kum nr: Prinsippskisse:

Stk: Utstyr i kum:

Ov 29**Ov 29, Veg 4 pel 60**

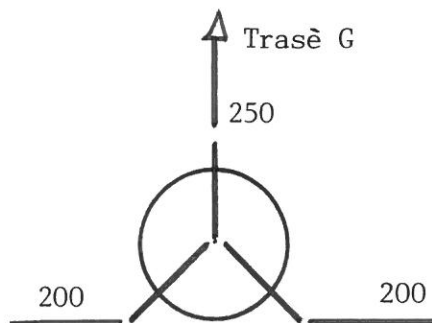
D 1000 / BH 2500

**Ov 30****Ov 30, Veg 4 pel 145**

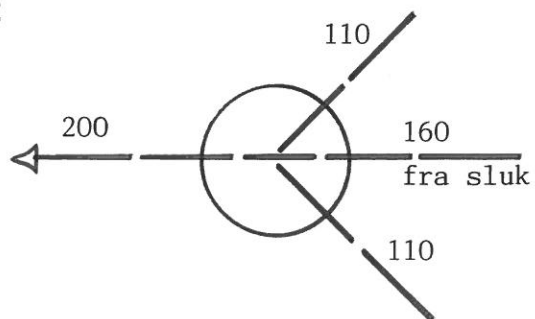
D 1000 / BH 2850

**Ov 31****Ov 31, Veg 4 pel 230**

D 1000 / BH 4000

**Ov 32****Ov 32, Veg 4 pel 265**

D 1000 / BH 3000

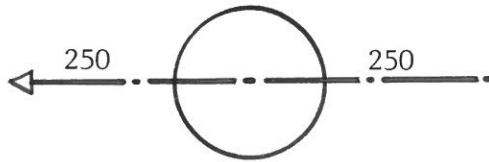


Kum nr: Prinsippskisse:

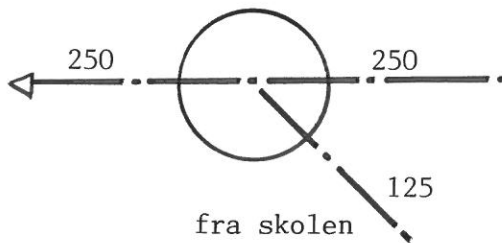
Stk: Utstyr i kum:

Sp 29**Sp 29, Gangveg 5 pel 35**

D 1000 / BH 2900

**Sp 30A****Sp 30A, Gangveg 5 pel 52**

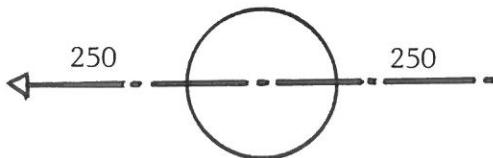
D 1000 / BH 3200

**Sp 30B****Sp 30B, Gangveg 5 pel 100**

D 1000 / BH 3300

**Sp 31****Sp 31, Gangveg 5 pel 150**

D 1000 / BH 3500

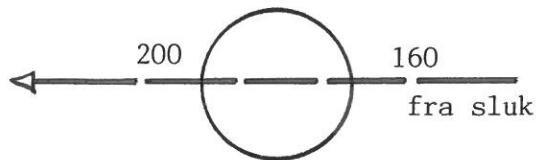


Kum nr: Prinsippskisse:

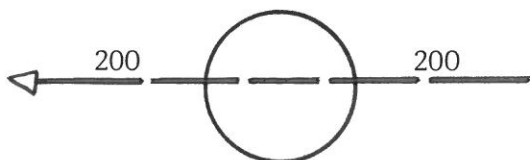
Stk: Utstyr i kum:

Ov 33**Ov 33, Gangveg 5 pel 25**

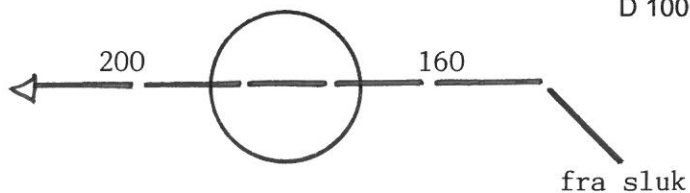
D 1000 / BH 2500

**Ov 34****Ov 34, Gangveg 5 pel 53**

D 1000 / BH 2400

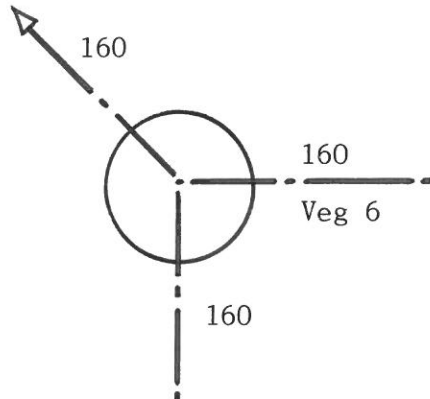
**Ov 35****Ov 35, Gangveg 5 pel 125**

D 1000 / BH 2650



Kum nr: Prinsippskisse:

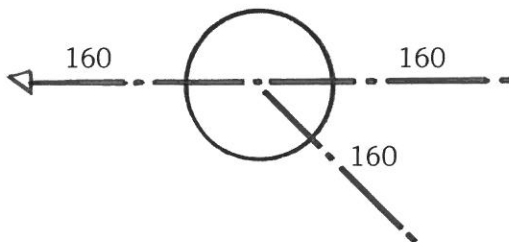
Stk: Utstyr i kum:

Sp 32**Sp 32, Veg 6 pel 470**

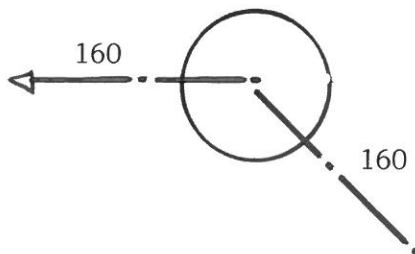
D 1000 / BH 2800

Sp 33**Sp 33, Veg 6 pel 530**

D 1000 / BH 3000

Sp 34**Sp 34, Veg 6 pel 580**

D 1000 / BH 2900

Sp 35**Sp 35, Veg 6 pel 650**

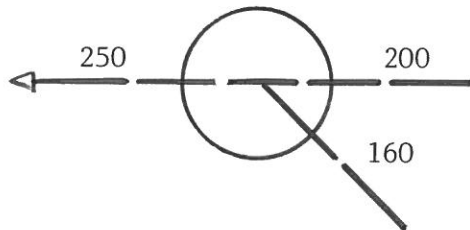
D 1000 / BH 2800

Kum nr: Prinsippskisse:

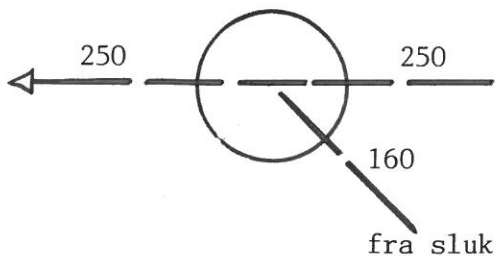
Stk: Utstyr i kum:

Ov 36**Ov 36, Veg 6 pel 470**

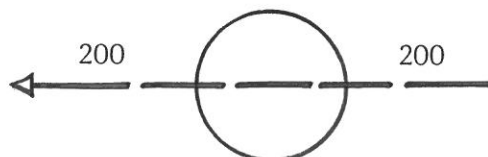
D 1000 / BH 2800

**Ov 37****Ov 37, Veg 6 pel 445**

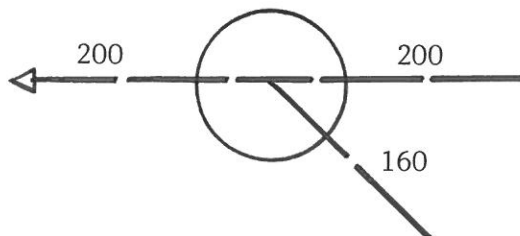
D 1000 / BH 3300

**Ov 38****Ov 38, Veg 6 pel 530**

D 1000 / BH 3000

**Ov 39****Ov 39, Veg 6 pel 580**

D 1000 / BH 2900

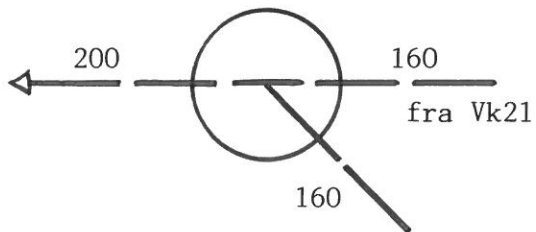


Kum nr: Prinsippskisse:

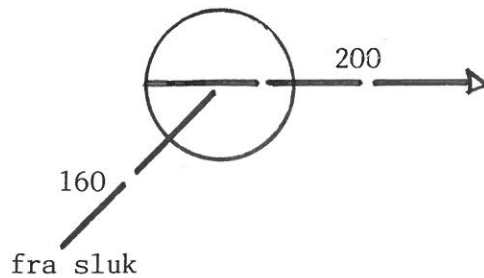
Stk: Utstyr i kum:

Ov 40**Ov 40, Veg 6 pel 650**

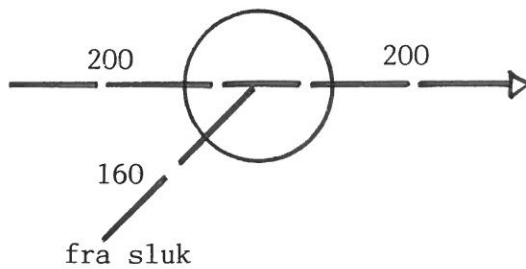
D 1000 / BH 2800

**Ov 41****Ov 41, Veg 6 pel 690**

D 1000 / BH 2500

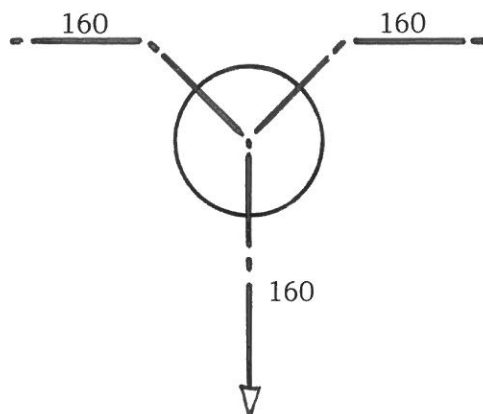
**Ov 42****Ov 42, Veg 6 pel 740**

D 1000 / BH 2800



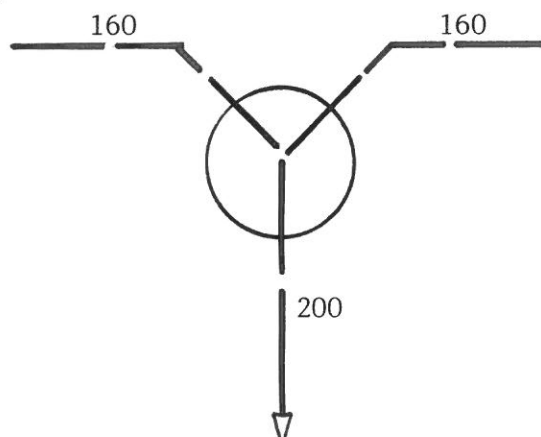
Kum nr: Prinsippskisse:

Stk: Utstyr i kum:

Sp 36**Sp 36 Trasè J I-II-III**

D 1000 / BH 2000

Kfr. post 03.06.28.

Ov 43**Ov 43 Trasè J I-II-III**

D 1000 / BH 2000

Kfr. post 03.06.29.

Steinfellekum Trasè J III

D 1000 / BH 2700

Kfr. post 03.06.30