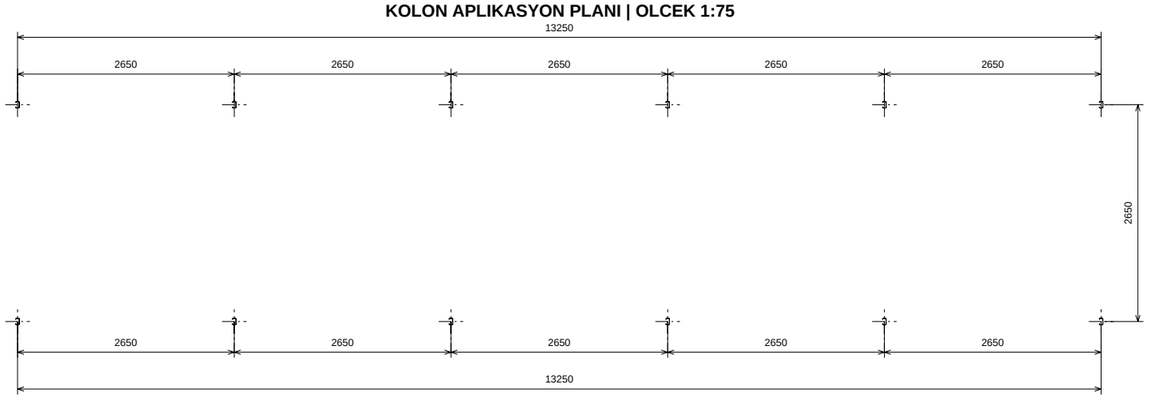
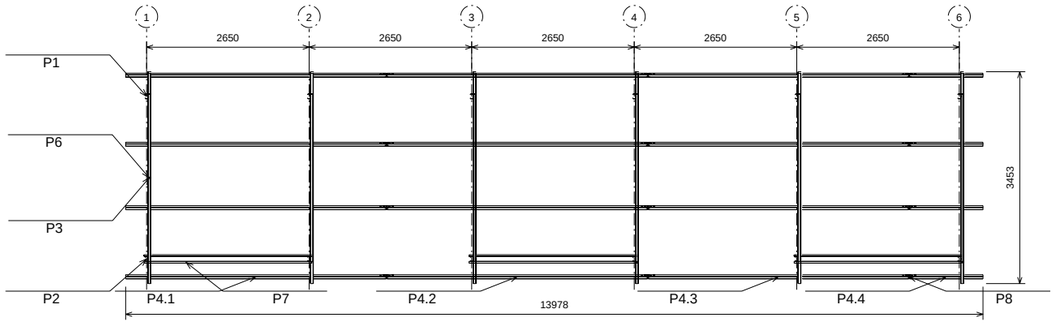
KOLON APLIKASYONU / UST / ARKA GORUNUS

KOLON APLIKASYON PLANI | OLCEK 1:75

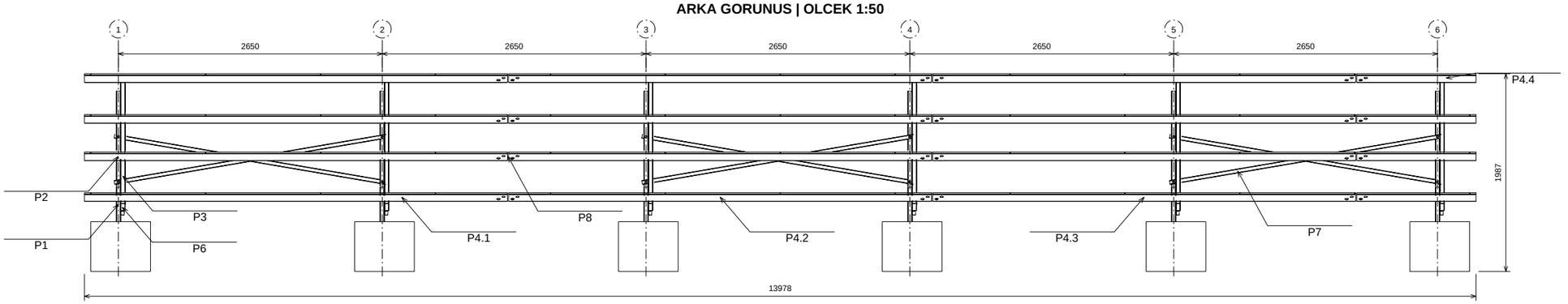


KOLON AKSLARI: TUM OLCULER MERKEZDEN MERKEZE

UST GORUNUS · PANELSIZ | OLCEK 1:100

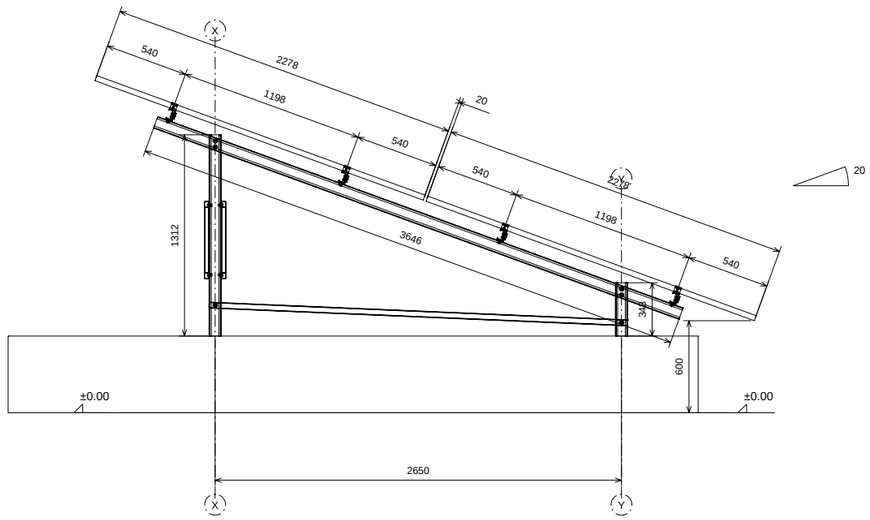


ARKA GORUNUS | OLCEK 1:50

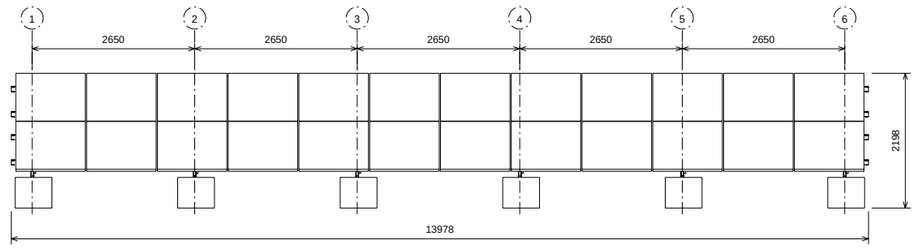


YAN / ON GORUNUS / PANELLI VE PANELSIZ IZOMETRI

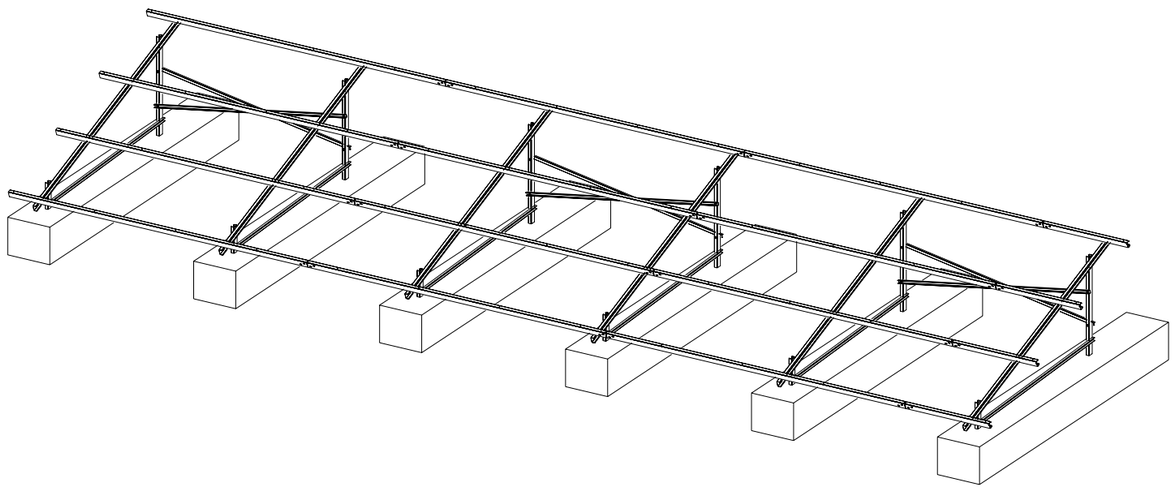
ENKESIT / YAN GORUNUS | OLCEK 1:40



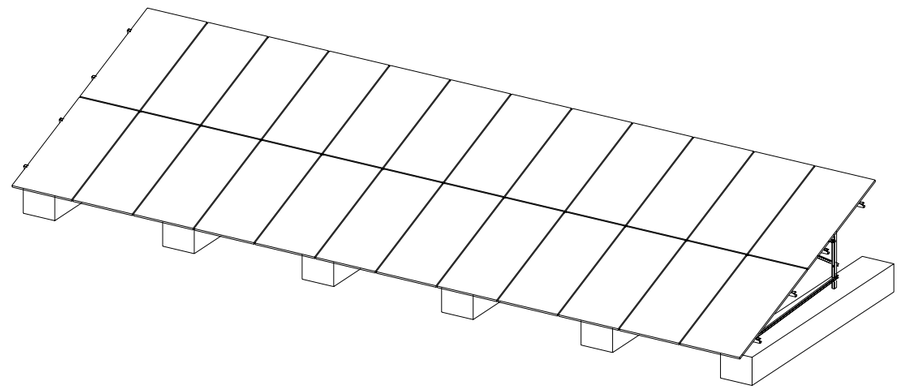
ON GORUNUS · PANELLI | OLCEK 1:100



PANELSIZ IZOMETRI | OLCEK 1:75



PANELLI IZOMETRI | OLCEK 1:100



KOLON AKSLARI MERKEZDEN MERKEZE · OLCULER mm / KOTLAR M

SOLAR STUDIO

YAN / ON GORUNUS / PANELLI VE PANELSIZ IZOMETRI

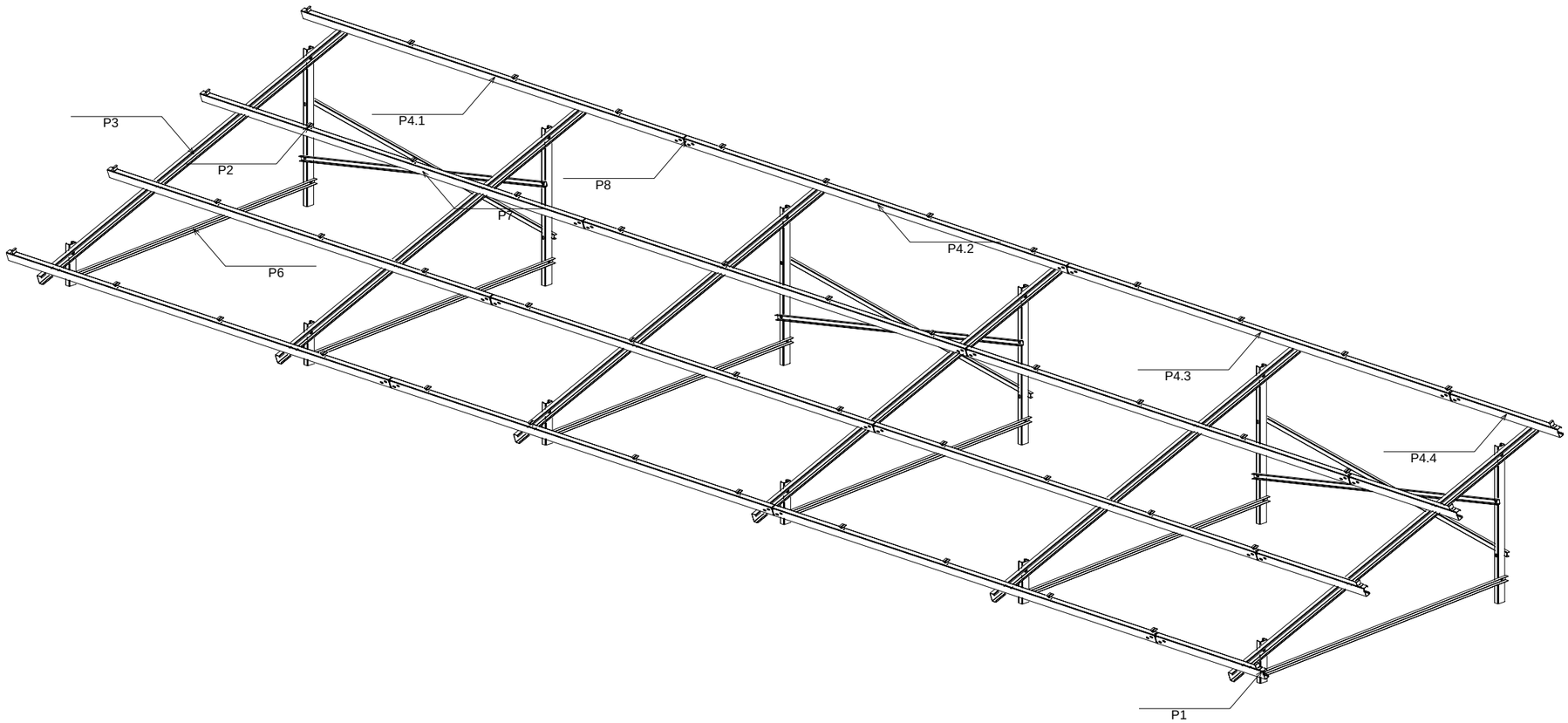
PAFTA: G-000B

A3 | OLCEKLER GORUNUSLERDE

2 / 29

BIRIM: mm

TIP ETIKETLI 3B MONTAJ SEMASI



TIP ACIKLAMALARI | 100 MASA | ADET: MASA BASI / PROJE TOPLAMI

P1 ON KOLON | 6 / 600
P2 ARKA KOLON | 6 / 600
P3 KIRIS | 6 / 600
P4.1 ASIK-1 | 4 / 400
P4.2 ASIK-2 | 4 / 400
P4.3 ASIK-3 | 4 / 400
P4.4 ASIK-4 | 4 / 400
P6 PAYANDA | 6 / 600
P7 CAPRAZ | 6 / 600
P8 ASIK BIRLESTIRME | 12 / 1200

HER TIPIN BIR ORNEK PARCASI OKLA ISARETLIDIR. SEMATIKTIR; OLCU ALINMAZ.

SOLAR STUDIO

TIP ETIKETLI 3B MONTAJ SEMASI

PAFTA: G-001

A3 | SEMATIK

3 / 29

BIRIM: mm

CELIK IMALAT METRAJI

100 MASA | 5800 PARCA | TEORIK AGIRLIK | K = 0.5

CELIK: 7850 KG/M3 | CINKO: 7130 KG/M3 | KAPLAMA: 2 UM

POZ	ELEMAN	KESIT	MALZEME	BOY mm	ACILIM mm	/MASA	TOPLAM	BRUT KG	NET KG	GALV. KG
P1	ON KOLON	C80X45X15/3mm	C.F_S355	348	180 X 348	6	600	885.22	869.20	870.29
P2	ARKA KOLON	C80X45X15/3mm	C.F_S355	1312	180 X 1312	6	600	3342.13	3304.75	3308.84
P3	KIRIS	C80X45X15/2mm	C.F_S355	3646	187 X 3646	6	600	6417.41	6388.93	6400.68
P4.1	ASIK-1	C80X45X15/2mm	C.F_S355	4250	187 X 4250	4	400	4987.01	4975.92	4985.07
P4.2	ASIK-2	C80X45X15/2mm	C.F_S355	4250	187 X 4250	4	400	4987.01	4971.18	4980.31
P4.3	ASIK-3	C80X45X15/2mm	C.F_S355	4250	187 X 4250	4	400	4987.01	4973.55	4982.69
P4.4	ASIK-4	C80X45X15/2mm	C.F_S355	1198	187 X 1198	4	400	1405.75	1398.23	1400.81
P6	PAYANDA	U40X35/2mm	C.F_S235	2732	101 X 2732	6	600	2610.58	2603.46	2608.29
P7	CAPRAZ	U40X30/2mm	C.F_S235	2768	91 X 2768	6	600	2384.10	2376.98	2381.40
P8	ASIK BIRLESTIRME	U64X35/3mm	C.F_S355	300	121 X 300	12	1200	1027.00	984.28	985.53

PROJE TOPLAMI: BRUT 33033.24 KG | NET 32846.48 KG | GALV. 32903.90 KG

BRUT SAC ALANI: 1992.47 M2 | KAPLAMA YUZEYI: 4026.86 M2 | 0 TIP KONTROL BEKLIYOR

BRUT: KESIM SACI; NET: MODEL KESITI VE DELIKLER. AGIRLIK SUTUNLARI PROJE TOPLAMIDIR. KESIM FIRESI DAHIL DEGILDIR.

GALVANIZ: TUM ACIK YUZEYLERE GIRILEN KALINLIKTA TEORIK CINKO. OLCULMUS/SEVK AGIRLIGI DEGILDIR.

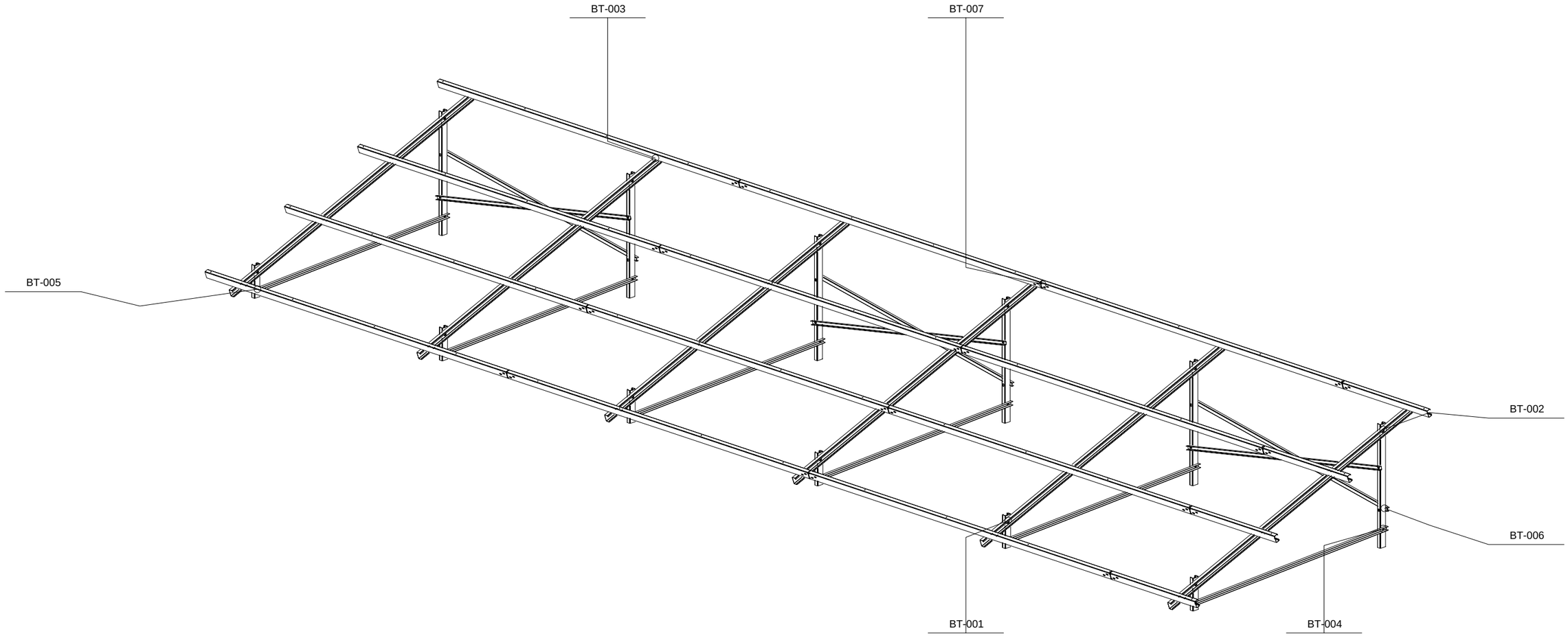
YALNIZ MODELLENEN CELIK PROFILLER VE EK SACLARI; CIVATA, KLEMP, PANEL, BETON VE DONATI DAHIL DEGILDIR.

POZ / PARCA LISTESI

POZ	PARCA ADI	UZUNLUK (mm)	ADET/MASA	TOPLAM ADET/PROJE	KESIT / MALZEME
P1	ON KOLON	348	6	600	C80X45X15/3mm C.F_S355
P2	ARKA KOLON	1312	6	600	C80X45X15/3mm C.F_S355
P3	KIRIS	3646	6	600	C80X45X15/2mm C.F_S355
P4.1	ASIK-1	4250	4	400	C80X45X15/2mm C.F_S355
P4.2	ASIK-2	4250	4	400	C80X45X15/2mm C.F_S355
P4.3	ASIK-3	4250	4	400	C80X45X15/2mm C.F_S355
P4.4	ASIK-4	1198	4	400	C80X45X15/2mm C.F_S355
P6	PAYANDA	2732	6	600	U40X35/2mm C.F_S235
P7	CAPRAZ	2768	6	600	U40X30/2mm C.F_S235
P8	ASIK BIRLESTIRME	300	12	1200	U64X35/3mm C.F_S355

100 MASA | AYNI IMALAT BOYU, KESIT, MALZEME VE DELIK DUZENI ORTAK POZDA TOPLANIR.

BAGLANTI TIPLERI / 3B YERLESIM



TIP ACIKLAMALARI | 100 MASA | ADET: MASA BASI / PROJE TOPLAMI

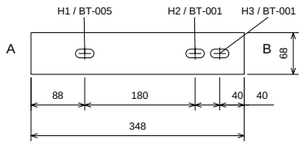
BT-001 ON KOLON KIRIS | 6 / 600
BT-003 KIRIS ASIK | 48 / 4800
BT-005 ON KOLON PAYANDA | 6 / 600
BT-007 ASIK EK PLAKASI | 12 / 1200

BT-002 ARKA KOLON KIRIS | 6 / 600
BT-004 ARKA KOLON PAYANDA | 6 / 600
BT-006 ARKA KOLON CAPRAZ | 12 / 1200

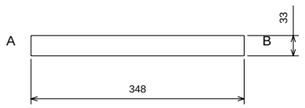
HER TIPIN BIR ORNEK PARCASI OKLA ISARETLIDIR. SEMATIKTIR; OLCU ALINMAZ.

P1 | ON KOLON | IMALAT / SAC ACILIMI

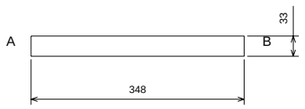
GOVDE / DUZ YUZEY | 1:10



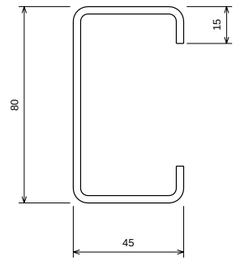
UST BASLIK / DUZ YUZEY | 1:10



ALT BASLIK / DUZ YUZEY | 1:10



KESIT A-A | 1:2.5



T 3 mm

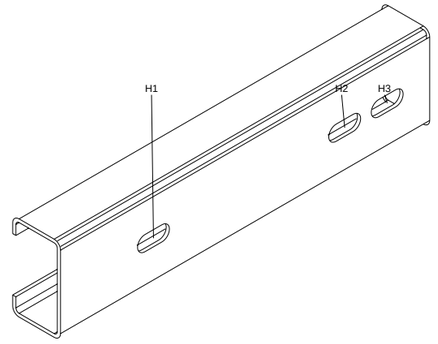
RI 3 mm | UST EGIM 0 DERECE

POZ	P1
ADET / MASA	6
MASA / TOPLAM ADET	100 / 600
MALZEME	C.F_S355
KESIT	C80X45X15/3mm
IMALAT BOYU	348 mm
DELIK ADEDI	3

MODEL ELEMANLARI

35, 36, 37, 38, 39, 40

IZOMETRIK / DELIK ETIKETLERI | 1:5

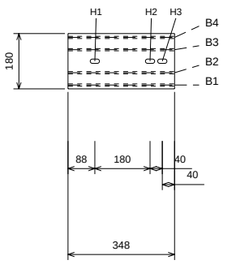


SAC ACILIMI | 1:20 | 347.52 X 180.27 mm

DELIK TABLOSU | TUM KONUM VE ACIKLIKLAR mm

X: A UCUNDAN | Y/G: GORUNUSTE YUZEY KENARINDAN | Y/AC: ACILIM ALT KENARINDAN

DELIK	YUZ	X	Y/G	Y/AC	ACIKLIK
H1	G	87.52	34	90.14	30X14
H2	G	267.52	34	90.14	30X14
H3	G	307.52	34	90.14	30X14



K FAKTORU 0.5 | T 3 mm | BA = ACI(RAD) X (RI + K X T)

BUKUM TABLOSU | Y: ACILIMIN ALT KENARINDAN

B1 Y12.53 | 90 DERECE ASAGI | RI3 | BA7.07

B2 Y52.6 | 90 DERECE ASAGI | RI3 | BA7.07

B3 Y127.67 | 90 DERECE ASAGI | RI3 | BA7.07

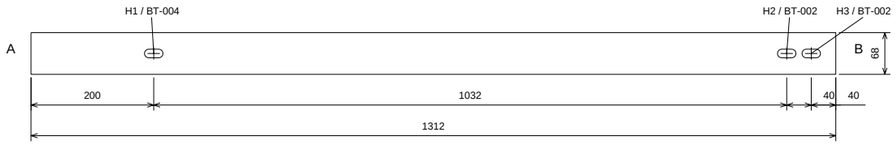
B4 Y167.74 | 90 DERECE ASAGI | RI3 | BA7.07

X: A UCUNDAN MERKEZE. Y/AC VE DELIK ACIKLIKLARI AYNI PAFTADAKI TABLODA.

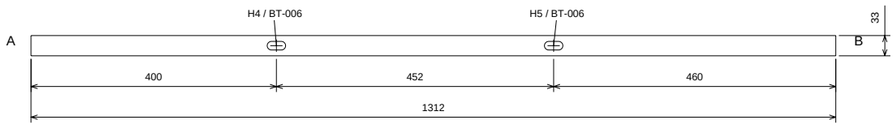
BIRIM mm. DELIK NUMARALARI GORUNUS, IZOMETRI, ACILIM VE TABLODA ORTAKTIR.

P2 | ARKA KOLON | IMALAT / SAC ACILIMI

GOVDE / DUZ YUZEY | 1:10

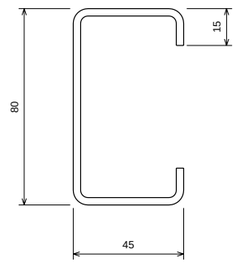


UST BASLIK / DUZ YUZEY | 1:10



ALT BASLIK / DUZ YUZEY | 1:10

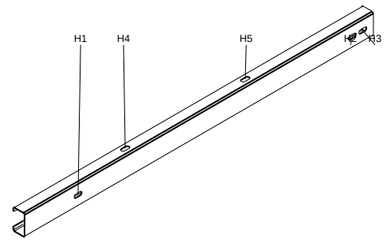
KESIT A-A | 1:2.5



T 3 mm

RI 3 mm | UST EGIM 0 DERECE

IZOMETRIK / DELIK ETIKETLERI | 1:20



SAC ACILIMI | 1:20 | 1312.04 X 180.27 mm

POZ	P2
ADET / MASA	6
MASA / TOPLAM ADET	100 / 600
MALZEME	C.F_S355
KESIT	C80X45X15/3mm
IMALAT BOYU	1312 mm
DELIK ADEDI	7

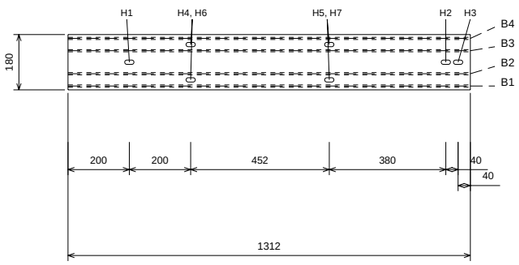
MODEL ELEMANLARI

29, 30, 31, 32, 33, 34

DELIK TABLOSU | TUM KONUM VE ACIKLIKLAR mm

X: A UCUNDAN | Y/G: GORUNUSTE YUZEY KENARINDAN | Y/AC: ACILIM ALT KENARINDAN

DELIK	YUZ	X	Y/G	Y/AC	ACIKLIK
H1	G	200	34	90.14	30X14
H2	G	1232.04	34	90.14	30X14
H3	G	1272.04	34	90.14	30X14
H4	U	400	16.5	147.71	30X14
H5	U	852.04	16.5	147.71	30X14
H6	A	400	16.5	32.57	30X14
H7	A	852.04	16.5	32.57	30X14



K FAKTORU 0.5 | T 3 mm | BA = ACI(RAD) X (RI + K X T)

BUKUM TABLOSU | Y: ACILIMIN ALT KENARINDAN

B1 Y12.53 | 90 DERECE ASAGI | RI3 | BA7.07

B2 Y52.6 | 90 DERECE ASAGI | RI3 | BA7.07

B3 Y127.67 | 90 DERECE ASAGI | RI3 | BA7.07

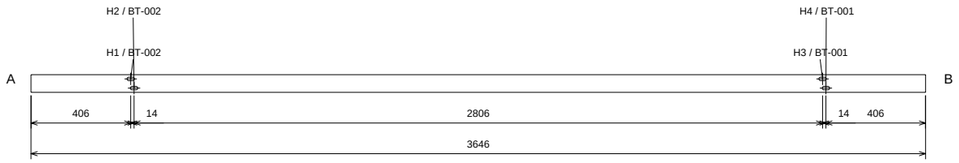
B4 Y167.74 | 90 DERECE ASAGI | RI3 | BA7.07

X: A UCUNDAN MERKEZE. Y/AC VE DELIK ACIKLIKLARI AYNI PAFTADAKI TABLODA.

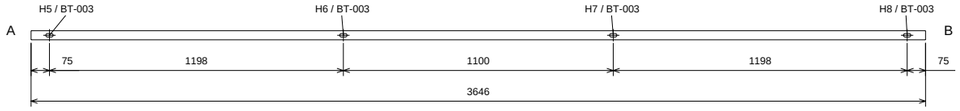
BIRIM mm. DELIK NUMARALARI GORUNUS, IZOMETRI, ACILIM VE TABLODA ORTAKTIR.

P3 | KIRIS | IMALAT / SAC ACILIMI

GOVDE / DUZ YUZEY | 1:25

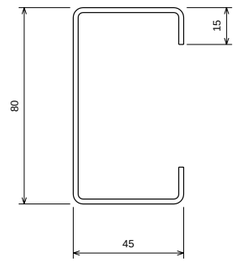


UST BASLIK / DUZ YUZEY | 1:25



ALT BASLIK / DUZ YUZEY | 1:25

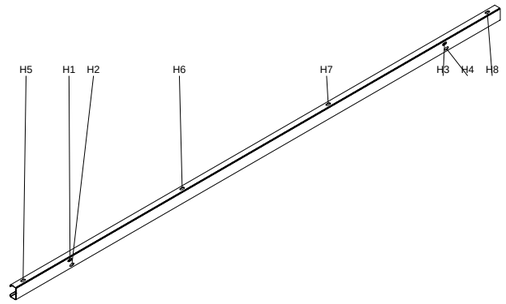
KESIT A-A | 1:2.5



T 2 mm

RI 2 mm | UST EGIM 0 DERECE

IZOMETRIK / DELIK ETIKETLERI | 1:40



SAC ACILIMI | 1:25 | 3646 X 186.85 mm

POZ	P3
ADET / MASA	6
MASA / TOPLAM ADET	100 / 600
MALZEME	C.F_S355
KESIT	C80X45X15/2mm
IMALAT BOYU	3646 mm
DELIK ADEDI	8

MODEL ELEMANLARI

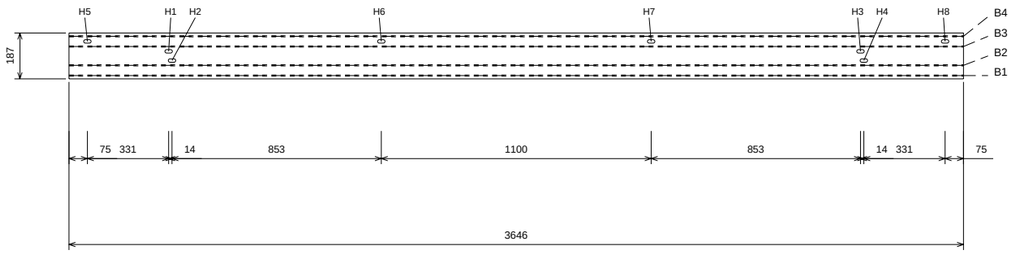
41, 42, 43, 44, 45, 46

DELIK TABLOSU | TUM KONUM VE ACIKLIKLAR mm

X: A UCUNDAN | Y/G: GORUNUSTE YUZEY KENARINDAN | Y/AC: ACILIM ALT KENARINDAN

DELIK	YUZ	X	Y/G	Y/AC	ACIKLIK
H1	G	406.12	54.79	112.22	30X14
H2	G	419.81	17.21	74.63	30X14
H3	G	3226.2	54.79	112.22	30X14
H4	G	3239.88	17.21	74.63	30X14
H5	U	75	18.5	152.64	30X14
H6	U	1273	18.5	152.64	30X14
H7	U	2373	18.5	152.64	30X14
H8	U	3571	18.5	152.64	30X14

BIRIM mm. DELIK NUMARALARI GORUNUS, IZOMETRI, ACILIM VE TABLODA ORTAKTIR.



K FAKTORU 0.5 | T 2 mm | BA = ACI(RAD) X (RI + K X T)

BUKUM TABLOSU | Y: ACILIMIN ALT KENARINDAN

B1 Y13.36 | 90 DERECE ASAGI | RI2 | BA4.71

B2 Y55.07 | 90 DERECE ASAGI | RI2 | BA4.71

B3 Y131.78 | 90 DERECE ASAGI | RI2 | BA4.71

B4 Y173.49 | 90 DERECE ASAGI | RI2 | BA4.71

X: A UCUNDAN MERKEZE. Y/AC VE DELIK ACIKLIKLARI AYNI PAFTADAKI TABLODA.

SOLAR STUDIO

P3 | KIRIS | IMALAT / SAC ACILIMI

PAFTA: P3

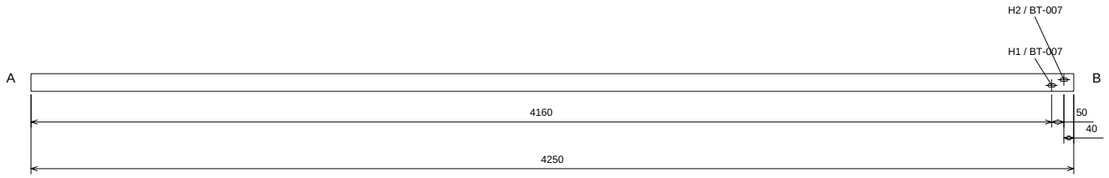
A3 | OLCEK 1:25

9 / 29

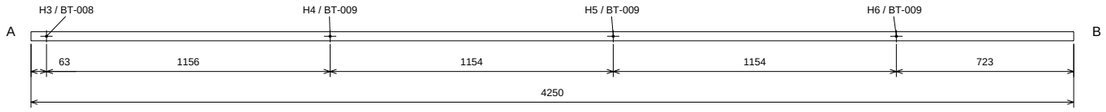
BIRIM: mm

P4.1 | ASIK-1 | IMALAT / SAC ACILIMI

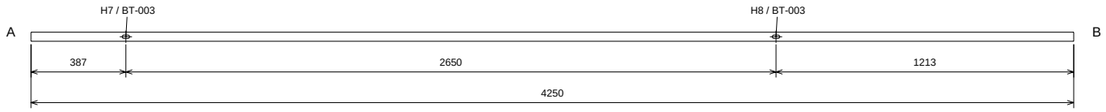
GOVDE / DUZ YUZEY | 1:25



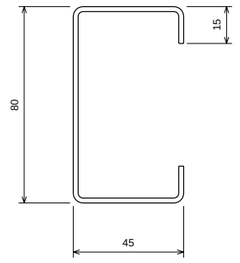
UST BASLIK / DUZ YUZEY | 1:25



ALT BASLIK / DUZ YUZEY | 1:25



KESIT A-A | 1:2.5



T 2 mm

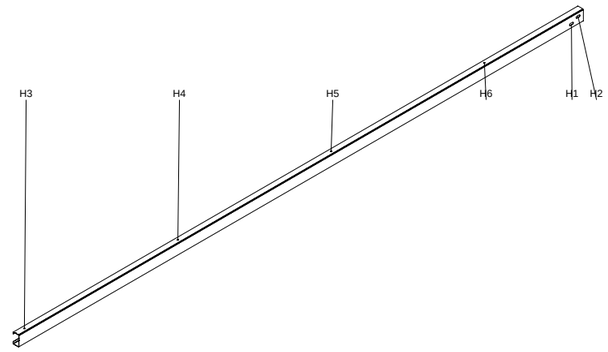
RI 2 mm | UST EGIM 0 DERECE

POZ	P4.1
ADET / MASA	4
MASA / TOPLAM ADET	100 / 400
MALZEME	C.F_S355
KESIT	C80X45X15/2mm
IMALAT BOYU	4250 mm
DELIK ADEDI	8

MODEL ELEMANLARI

AS1.1, AS2.1, AS3.1, AS4.1

IZOMETRIK / DELIK ETIKETLERI | 1:40

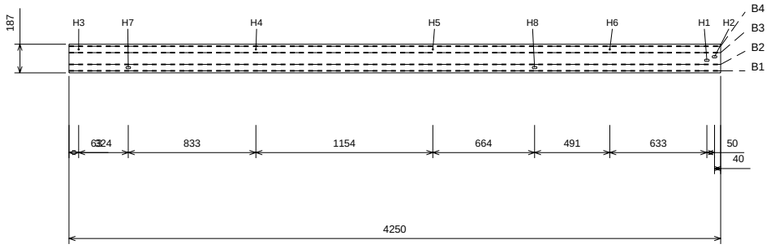


SAC ACILIMI | 1:40 | 4250 X 186.85 mm

DELIK TABLOSU | TUM KONUM VE ACIKLIKLAR mm

X: A UCUNDAN | Y/G: GORUNUSTE YUZEY KENARINDAN | Y/AC: ACILIM ALT KENARINDAN

DELIK	YUZ	X	Y/G	Y/AC	ACIKLIK
H1	G	4160	24.5	81.92	30X14
H2	G	4210	47.5	104.92	30X14
H3	U	63	18.5	152.64	Ø9
H4	U	1219	18.5	152.64	Ø9
H5	U	2373	18.5	152.64	Ø9
H6	U	3527	18.5	152.64	Ø9
H7	A	386.5	18.5	34.21	30X14
H8	A	3036.5	18.5	34.21	30X14



K FAKTORU 0.5 | T 2 mm | BA = ACI(RAD) X (RI + K X T)

BUKUM TABLOSU | Y: ACILIMIN ALT KENARINDAN

B1 Y13.36 | 90 DERECE ASAGI | RI2 | BA4.71

B2 Y55.07 | 90 DERECE ASAGI | RI2 | BA4.71

B3 Y131.78 | 90 DERECE ASAGI | RI2 | BA4.71

B4 Y173.49 | 90 DERECE ASAGI | RI2 | BA4.71

X: A UCUNDAN MERKEZE. Y/AC VE DELIK ACIKLIKLARI AYNI PAFTADAKI TABLODA.

BIRIM mm. DELIK NUMARALARI GORUNUS, IZOMETRI, ACILIM VE TABLODA ORTAKTIR.

SOLAR STUDIO

P4.1 | ASIK-1 | IMALAT / SAC ACILIMI

PAFTA: P4.1

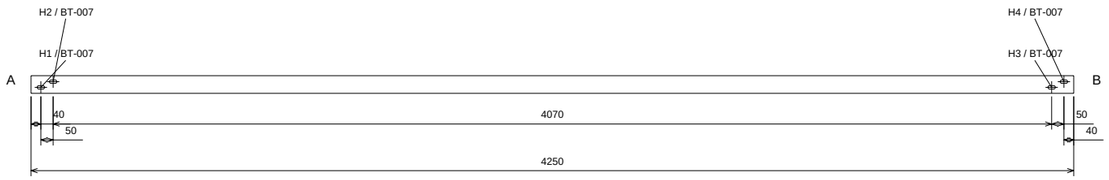
A3 | OLCEK 1:25

10 / 29

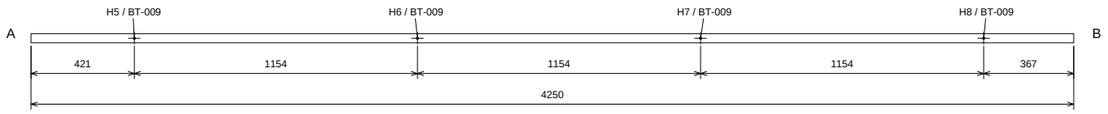
BIRIM: mm

P4.2 | ASIK-2 | IMALAT / SAC ACILIMI

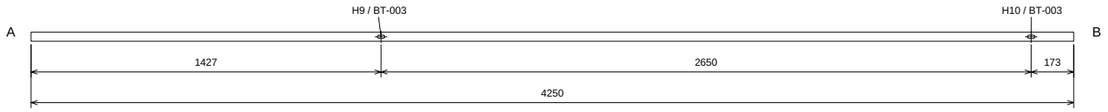
GOVDE / DUZ YUZEY | 1:25



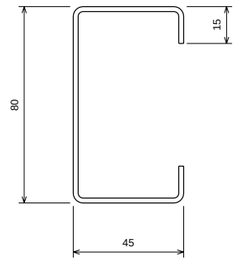
UST BASLIK / DUZ YUZEY | 1:25



ALT BASLIK / DUZ YUZEY | 1:25



KESIT A-A | 1:2.5



T 2 mm

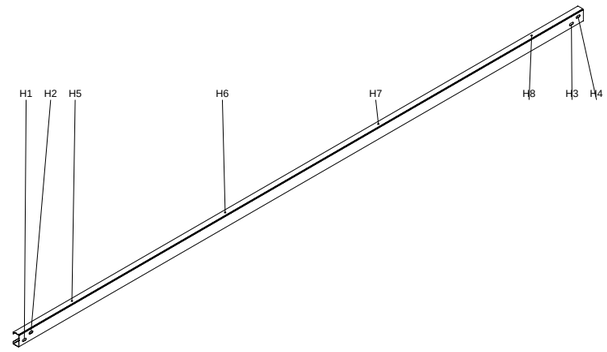
RI 2 mm | UST EGIM 0 DERECE

POZ	P4.2
ADET / MASA	4
MASA / TOPLAM ADET	100 / 400
MALZEME	C.F_S355
KESIT	C80X45X15/2mm
IMALAT BOYU	4250 mm
DELIK ADEDI	10

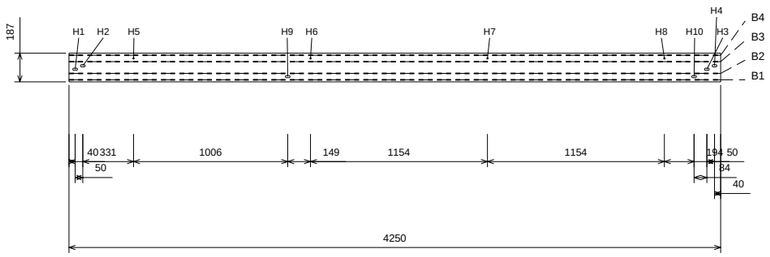
MODEL ELEMANLARI

AS1.2, AS2.2, AS3.2, AS4.2

IZOMETRIK / DELIK ETIKETLERI | 1:40



SAC ACILIMI | 1:40 | 4250 X 186.85 mm



K FAKTORU 0.5 | T 2 mm | BA = ACI(RAD) X (RI + K X T)

BUKUM TABLOSU | Y: ACILIMIN ALT KENARINDAN

B1 Y13.36 | 90 DERECE ASAGI | RI2 | BA4.71

B2 Y55.07 | 90 DERECE ASAGI | RI2 | BA4.71

B3 Y131.78 | 90 DERECE ASAGI | RI2 | BA4.71

B4 Y173.49 | 90 DERECE ASAGI | RI2 | BA4.71

X: A UCUNDAN MERKEZE. Y/AC VE DELIK ACIKLIKLARI AYNI PAFTADAKI TABLODA.

DELIK TABLOSU | TUM KONUM VE ACIKLIKLAR mm

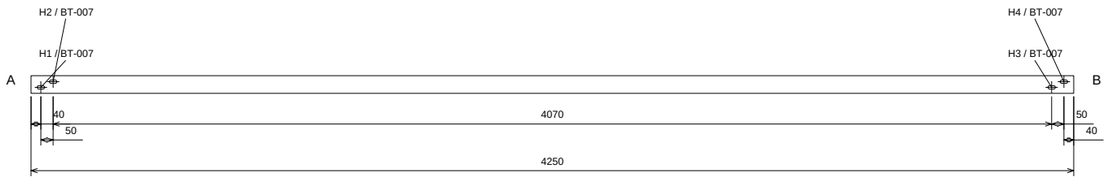
X: A UCUNDAN | Y/G: GORUNUSTE YUZEY KENARINDAN | Y/AC: ACILIM ALT KENARINDAN

DELIK	YUZ	X	Y/G	Y/AC	ACIKLIK
H1	G	40	24.5	81.92	30X14
H2	G	90	47.5	104.92	30X14
H3	G	4160	24.5	81.92	30X14
H4	G	4210	47.5	104.92	30X14
H5	U	421	18.5	152.64	Ø9
H6	U	1575	18.5	152.64	Ø9
H7	U	2729	18.5	152.64	Ø9
H8	U	3883	18.5	152.64	Ø9
H9	A	1426.5	18.5	34.21	30X14
H10	A	4076.5	18.5	34.21	30X14

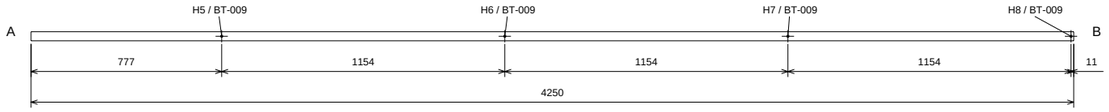
BIRIM mm. DELIK NUMARALARI GORUNUS, IZOMETRI, ACILIM VE TABLODA ORTAKTIR.

P4.3 | ASIK-3 | IMALAT / SAC ACILIMI

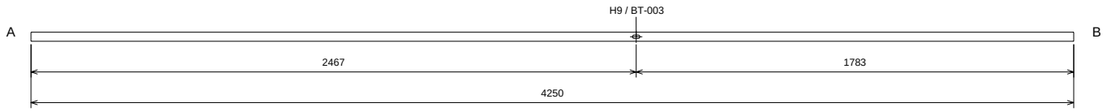
GOVDE / DUZ YUZEY | 1:25



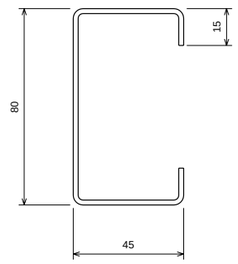
UST BASLIK / DUZ YUZEY | 1:25



ALT BASLIK / DUZ YUZEY | 1:25



KESIT A-A | 1:2.5



T 2 mm

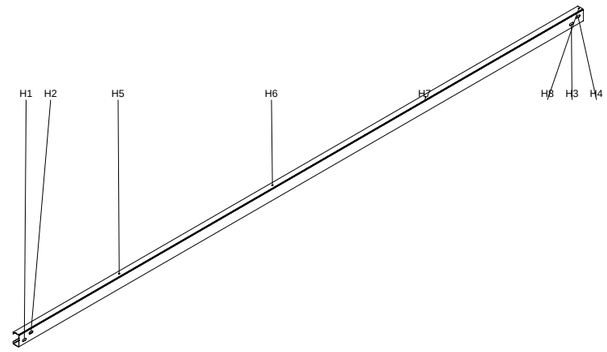
RI 2 mm | UST EGIM 0 DERECE

POZ	P4.3
ADET / MASA	4
MASA / TOPLAM ADET	100 / 400
MALZEME	C.F_S355
KESIT	C80X45X15/2mm
IMALAT BOYU	4250 mm
DELIK ADEDI	9

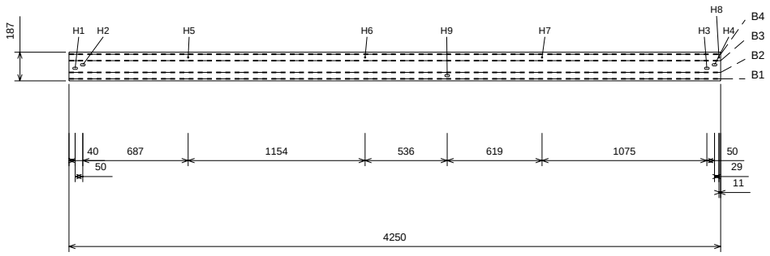
MODEL ELEMANLARI

AS1.3, AS2.3, AS3.3, AS4.3

IZOMETRIK / DELIK ETIKETLERI | 1:40



SAC ACILIMI | 1:40 | 4250 X 186.85 mm



K FAKTORU 0.5 | T 2 mm | BA = ACI(RAD) X (RI + K X T)

BUKUM TABLOSU | Y: ACILIMIN ALT KENARINDAN

B1 Y13.36 | 90 DERECE ASAGI | RI2 | BA4.71

B2 Y55.07 | 90 DERECE ASAGI | RI2 | BA4.71

B3 Y131.78 | 90 DERECE ASAGI | RI2 | BA4.71

B4 Y173.49 | 90 DERECE ASAGI | RI2 | BA4.71

X: A UCUNDAN MERKEZE. Y/AC VE DELIK ACIKLIKLARI AYNI PAFTADAKI TABLODA.

DELIK TABLOSU | TUM KONUM VE ACIKLIKLAR mm

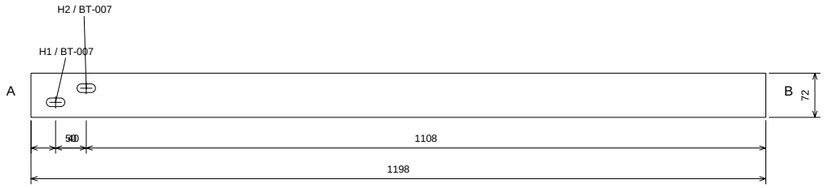
X: A UCUNDAN | Y/G: GORUNUSTE YUZEY KENARINDAN | Y/AC: ACILIM ALT KENARINDAN

DELIK	YUZ	X	Y/G	Y/AC	ACIKLIK
H1	G	40	24.5	81.92	30X14
H2	G	90	47.5	104.92	30X14
H3	G	4160	24.5	81.92	30X14
H4	G	4210	47.5	104.92	30X14
H5	U	777	18.5	152.64	Ø9
H6	U	1931	18.5	152.64	Ø9
H7	U	3085	18.5	152.64	Ø9
H8	U	4239	18.5	152.64	Ø9
H9	A	2466.5	18.5	34.21	30X14

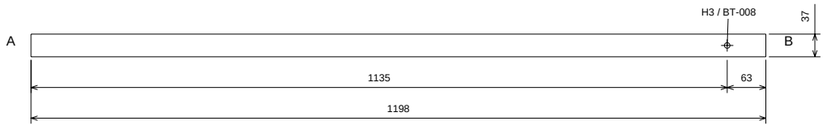
BIRIM mm. DELIK NUMARALARI GORUNUS, IZOMETRI, ACILIM VE TABLODA ORTAKTIR.

P4.4 | ASIK-4 | IMALAT / SAC ACILIMI

GOVDE / DUZ YUZEY | 1:10

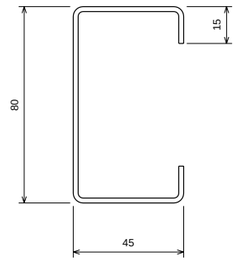


UST BASLIK / DUZ YUZEY | 1:10



ALT BASLIK / DUZ YUZEY | 1:10

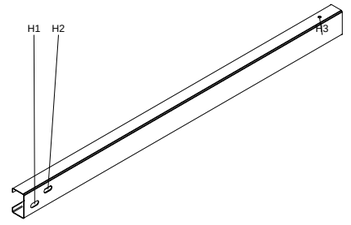
KESIT A-A | 1:2.5



T 2 mm

RI 2 mm | UST EGIM 0 DERECE

IZOMETRIK / DELIK ETIKETLERI | 1:20



SAC ACILIMI | 1:20 | 1198 X 186.85 mm

POZ	P4.4
ADET / MASA	4
MASA / TOPLAM ADET	100 / 400
MALZEME	C.F_S355
KESIT	C80X45X15/2mm
IMALAT BOYU	1198 mm
DELIK ADEDI	4

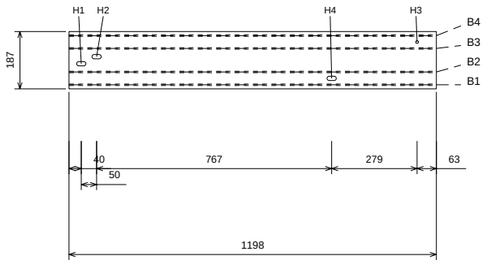
MODEL ELEMANLARI

AS1.4, AS2.4, AS3.4, AS4.4

DELIK TABLOSU | TUM KONUM VE ACIKLIKLAR mm

X: A UCUNDAN | Y/G: GORUNUSTE YUZEY KENARINDAN | Y/AC: ACILIM ALT KENARINDAN

DELIK	YUZ	X	Y/G	Y/AC	ACIKLIK
H1	G	40	24.5	81.92	30X14
H2	G	90	47.5	104.92	30X14
H3	U	1135	18.5	152.64	Ø9
H4	A	856.5	18.5	34.21	30X14



K FAKTORU 0.5 | T 2 mm | BA = ACI(RAD) X (RI + K X T)

BUKUM TABLOSU | Y: ACILIMIN ALT KENARINDAN

B1 Y13.36 | 90 DERECE ASAGI | RI2 | BA4.71

B2 Y55.07 | 90 DERECE ASAGI | RI2 | BA4.71

B3 Y131.78 | 90 DERECE ASAGI | RI2 | BA4.71

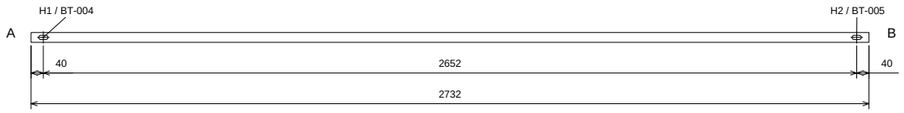
B4 Y173.49 | 90 DERECE ASAGI | RI2 | BA4.71

X: A UCUNDAN MERKEZE. Y/AC VE DELIK ACIKLIKLARI AYNI PAFTADAKI TABLODA.

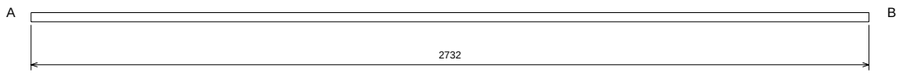
BIRIM mm. DELIK NUMARALARI GORUNUS, IZOMETRI, ACILIM VE TABLODA ORTAKTIR.

P6 | PAYANDA | IMALAT / SAC ACILIMI

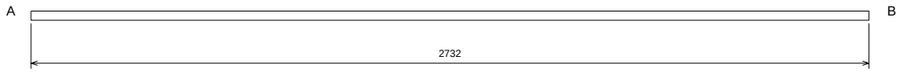
GOVDE / DUZ YUZEY | 1:20



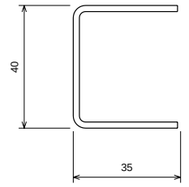
UST BASLIK / DUZ YUZEY | 1:20



ALT BASLIK / DUZ YUZEY | 1:20



KESIT A-A | 1:2



T 2 mm

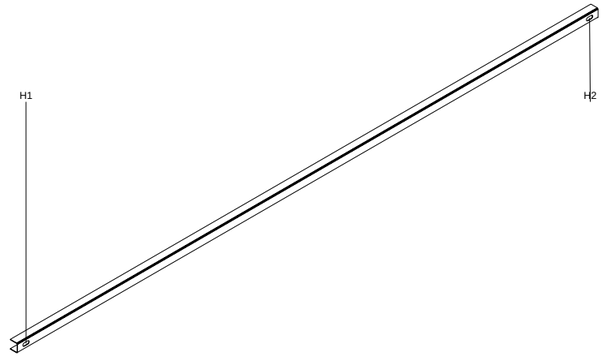
RI 2 mm | UST EGIM 0 DERECE

POZ	P6
ADET / MASA	6
MASA / TOPLAM ADET	100 / 600
MALZEME	C.F_S235
KESIT	U40X35/2mm
IMALAT BOYU	2732 mm
DELIK ADEDI	2

MODEL ELEMANLARI

47, 48, 49, 50, 51, 52

IZOMETRIK / DELIK ETIKETLERI | 1:25

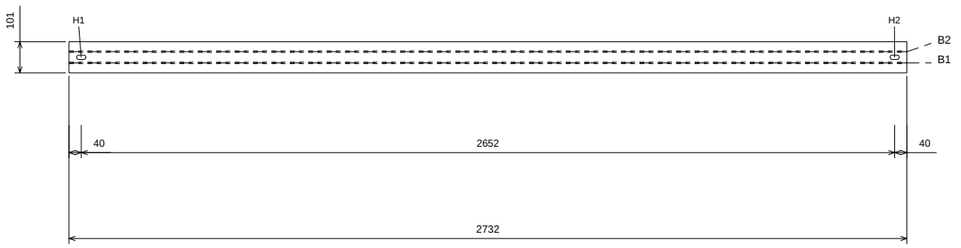


SAC ACILIMI | 1:20 | 2732.39 X 101.42 mm

DELIK TABLOSU | TUM KONUM VE ACIKLIKLAR mm

X: A UCUNDAN | Y/G: GORUNUSTE YUZEY KENARINDAN | Y/AC: ACILIM ALT KENARINDAN

DELIK	YUZ	X	Y/G	Y/AC	ACIKLIK
H1	G	40	16	50.71	30X14
H2	G	2692.39	16	50.71	30X14



K FAKTORU 0.5 | T 2 mm | BA = ACI(RAD) X (RI + K X T)

BUKUM TABLOSU | Y: ACILIMIN ALT KENARINDAN

B1 Y32.36 | 90 DERECE ASAGI | RI2 | BA4.71

B2 Y69.07 | 90 DERECE ASAGI | RI2 | BA4.71

X: A UCUNDAN MERKEZE. Y/AC VE DELIK ACIKLIKLARI AYNI PAFTADAKI TABLODA.

BIRIM mm. DELIK NUMARALARI GORUNUS, IZOMETRI, ACILIM VE TABLODA ORTAKTIR.

SOLAR STUDIO

P6 | PAYANDA | IMALAT / SAC ACILIMI

PAFTA: P6

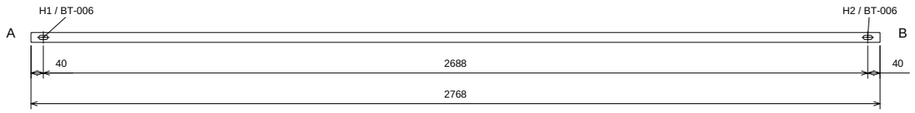
A3 | OLCEK 1:20

14 / 29

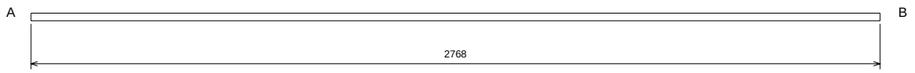
BIRIM: mm

P7 | CAPRAZ | IMALAT / SAC ACILIMI

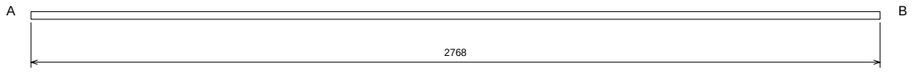
GOVDE / DUZ YUZEY | 1:20



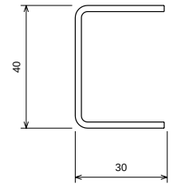
UST BASLIK / DUZ YUZEY | 1:20



ALT BASLIK / DUZ YUZEY | 1:20



KESIT A-A | 1:2



T 2 mm

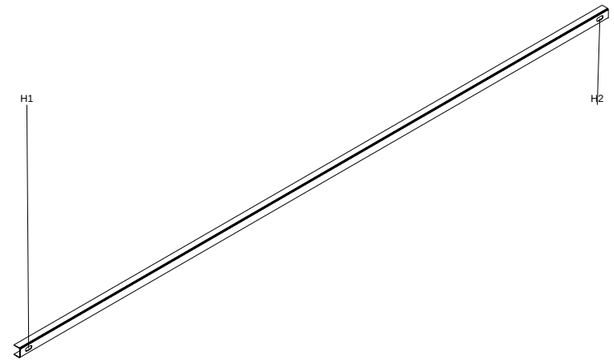
RI 2 mm | UST EGIM 0 DERECE

POZ	P7
ADET / MASA	6
MASA / TOPLAM ADET	100 / 600
MALZEME	C.F_S235
KESIT	U40X30/2mm
IMALAT BOYU	2768 mm
DELIK ADEDI	2

MODEL ELEMANLARI

53, 54, 55, 56, 57, 58

IZOMETRIK / DELIK ETIKETLERI | 1:25

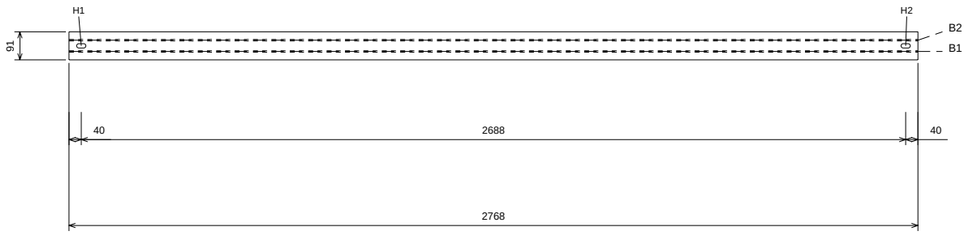


SAC ACILIMI | 1:20 | 2768.28 X 91.42 mm

DELIK TABLOSU | TUM KONUM VE ACIKLIKLAR mm

X: A UCUNDAN | Y/G: GORUNUSTE YUZEY KENARINDAN | Y/AC: ACILIM ALT KENARINDAN

DELIK	YUZ	X	Y/G	Y/AC	ACIKLIK
H1	G	40	16	45.71	30X14
H2	G	2728.28	16	45.71	30X14



K FAKTORU 0.5 | T 2 mm | BA = ACI(RAD) X (RI + K X T)

BUKUM TABLOSU | Y: ACILIMIN ALT KENARINDAN

B1 Y27.36 | 90 DERECE ASAGI | RI2 | BA4.71

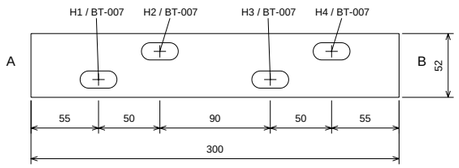
B2 Y64.07 | 90 DERECE ASAGI | RI2 | BA4.71

X: A UCUNDAN MERKEZE. Y/AC VE DELIK ACIKLIKLARI AYNI PAFTADAKI TABLODA.

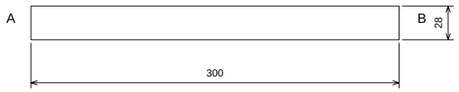
BIRIM mm. DELIK NUMARALARI GORUNUS, IZOMETRI, ACILIM VE TABLODA ORTAKTIR.

P8 | ASIK BIRLESTIRME | IMALAT / SAC ACILIMI

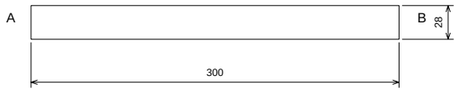
GOVDE / DUZ YUZEY | 1:5



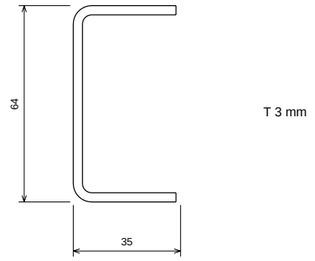
UST BASLIK / DUZ YUZEY | 1:5



ALT BASLIK / DUZ YUZEY | 1:5



KESIT A-A | 1:2



T 3 mm

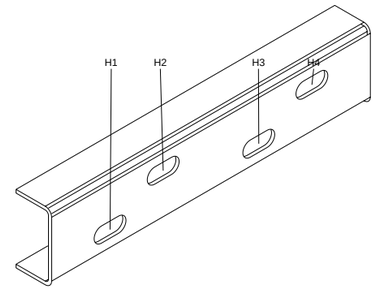
RI 3 mm | UST EGIM 0 DERECE

POZ	P8
ADET / MASA	12
MASA / TOPLAM ADET	100 / 1200
MALZEME	C.F_S355
KESIT	U64X35/3mm
IMALAT BOYU	300 mm
DELIK ADEDI	4

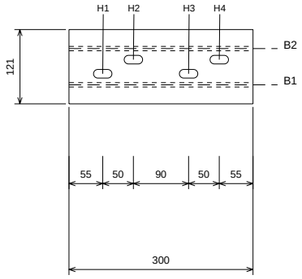
MODEL ELEMANLARI

EK1.1, EK1.2, EK1.3, EK2.1, EK2.2, EK2.3
EK3.1, EK3.2, EK3.3, EK4.1, EK4.2, EK4.3

IZOMETRIK / DELIK ETIKETLERI | 1:5



SAC ACILIMI | 1:10 | 300 X 121.14 mm



K FAKTORU 0.5 | T 3 mm | BA = ACI(RAD) X (RI + K X T)

BUKUM TABLOSU | Y: ACILIMIN ALT KENARINDAN

B1 Y31.03 | 90 DERECE ASAGI | RI3 | BA7.07
B2 Y90.1 | 90 DERECE ASAGI | RI3 | BA7.07

DELIK TABLOSU | TUM KONUM VE ACIKLIKLAR mm

X: A UCUNDAN | Y/G: GORUNUSTE YUZEY KENARINDAN | Y/AC: ACILIM ALT KENARINDAN

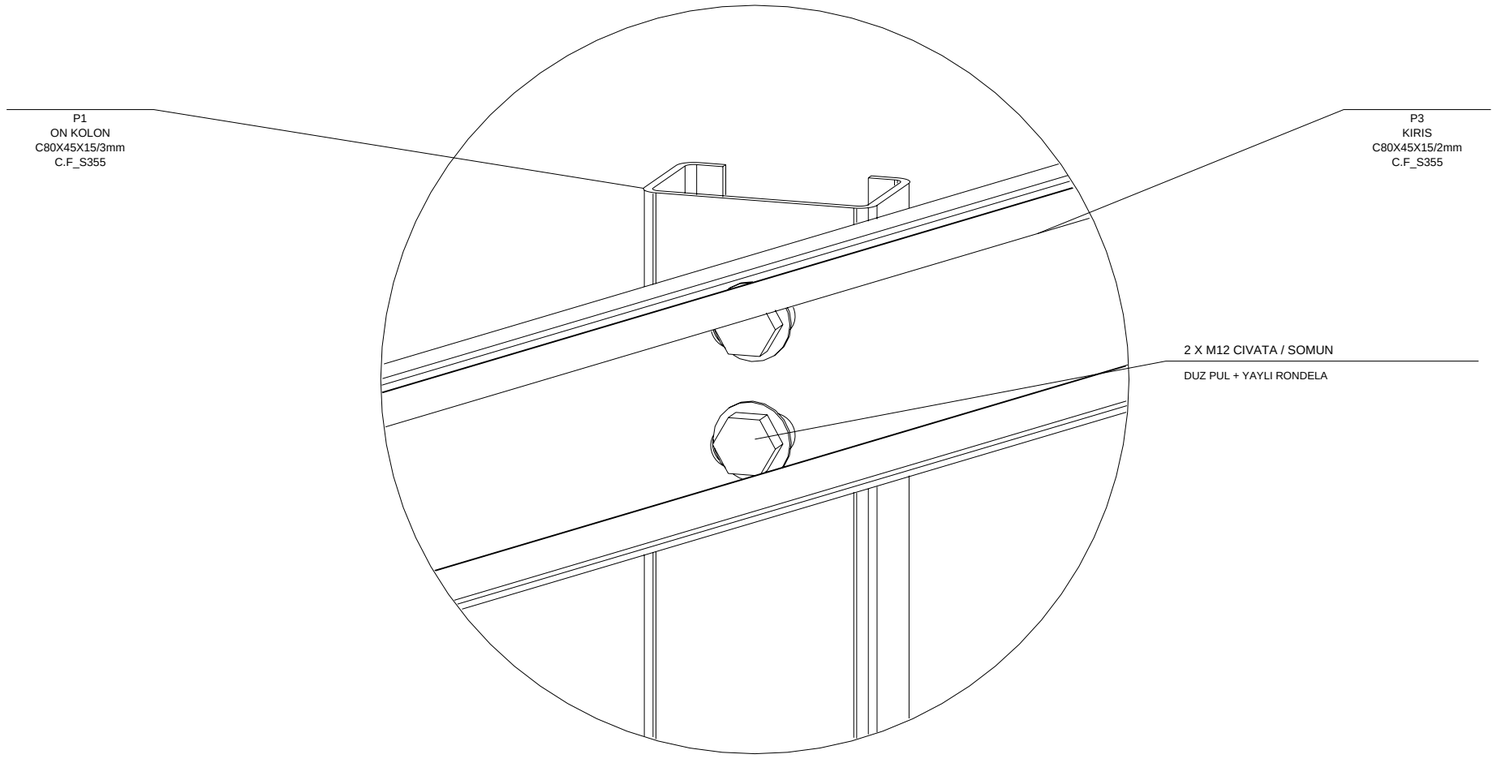
DELIK	YUZ	X	Y/G	Y/AC	ACIKLIK
H1	G	55	14.5	49.07	30X14
H2	G	105	37.5	72.07	30X14
H3	G	195	14.5	49.07	30X14
H4	G	245	37.5	72.07	30X14

X: A UCUNDAN MERKEZE. Y/AC VE DELIK ACIKLIKLARI AYNI PAFTADAKI TABLODA.

BIRIM mm. DELIK NUMARALARI GORUNUS, IZOMETRI, ACILIM VE TABLODA ORTAKTIR.

BT-001 | ON KOLON KIRIS

BT-001 · BAGLANTI IZOMETRIGI | 1:2



UST DETAY | 1:5

BAGLANTI TIPI / ADET

BT-001 | 6 ADET / MASA

100 MASA: 600 ADET

1: ON KOLON

P1

2: KIRIS

P3

CIVATA / SOMUN: M12 / M12

2 TAKIM / BAGLANTI

DUZ PUL: VAR (2/TAKIM)

YAYLI RONDELA: VAR

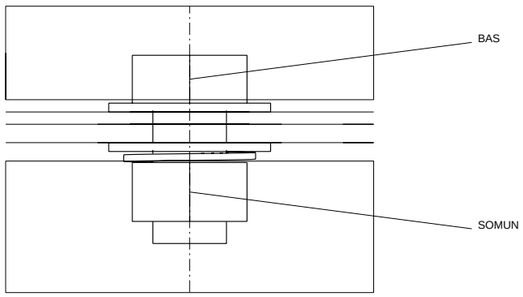
BU BAGLANTININ DELIKLERI

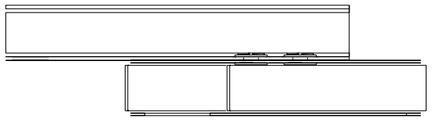
1: 2 DELIK | 30X14 GOVDE

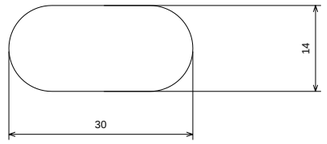
2: 2 DELIK | 30X14 GOVDE

DELIK DETAYI | 1:1

CIVATA EKSENINDEN KESIT | M12 | 1:1







IZOMETRI: GORUNEN KENARLAR, DAIRESEL DETAY SINIRI. UST GORUNUS: MERKEZ +/-220 mm.

ORNEK YERLESIMDIR; UST/ALT VE AYNA BAGLANTILARI AYNI TIPTEDIR. KESIN DELIK KONUMLARI PARCA PAFTALARINDADIR.

DONANIM DISLERI TEMSILI; CIVATA BOYU VE KALITESI BU DETAYDA SECILMEZ.

SOLAR STUDIO

BT-001 | ON KOLON KIRIS

PAFTA: BT-001

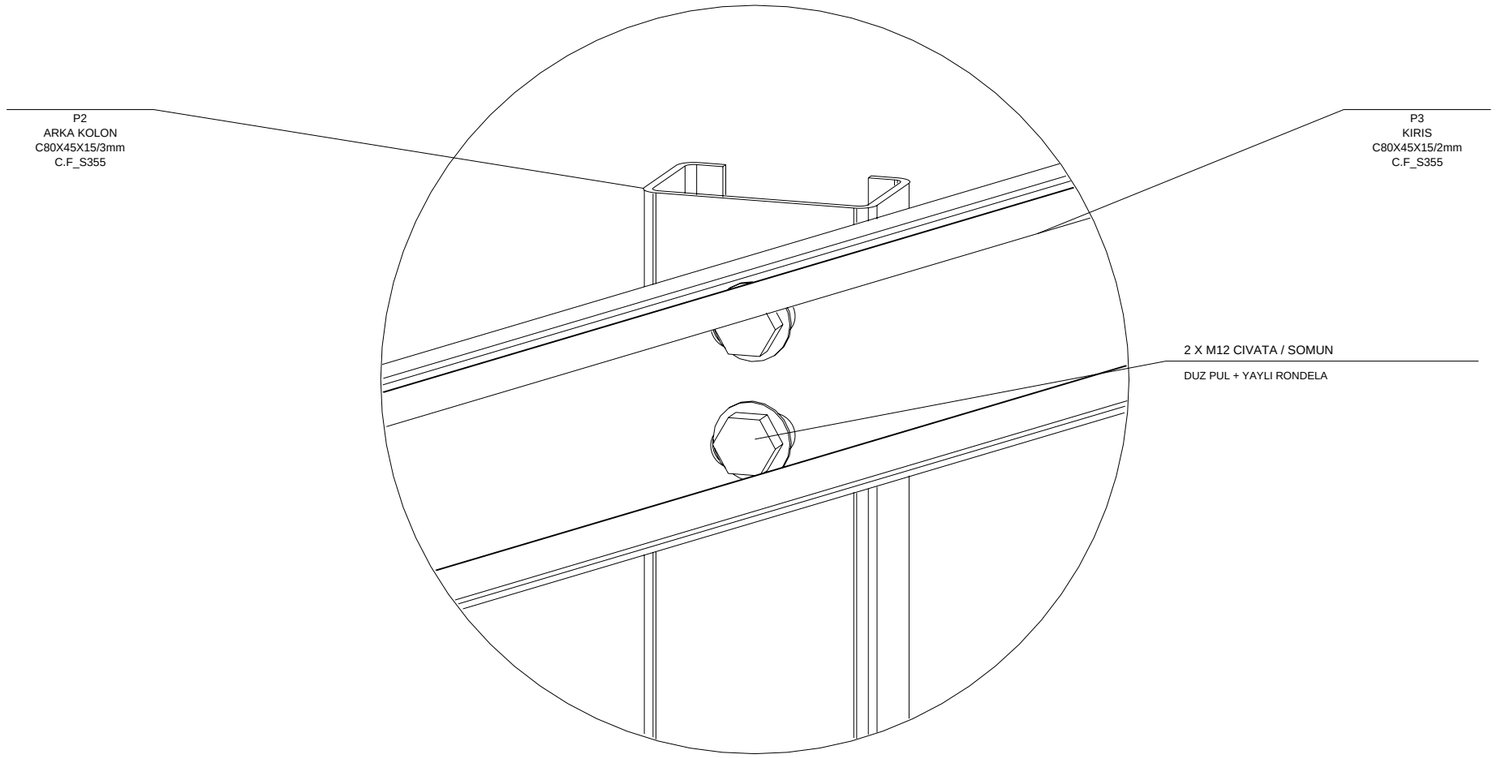
A3 | SEMATIK

17 / 29

BIRIM: mm

BT-002 | ARKA KOLON KIRIS

BT-002 · BAGLANTI IZOMETRIGI | 1:2



UST DETAY | 1:5

BAGLANTI TIPI / ADET

BT-002 | 6 ADET / MASA

100 MASA: 600 ADET

1: ARKA KOLON

P2

2: KIRIS

P3

CIVATA / SOMUN: M12 / M12

2 TAKIM / BAGLANTI

DUZ PUL: VAR (2/TAKIM)

YAYLI RONDELA: VAR

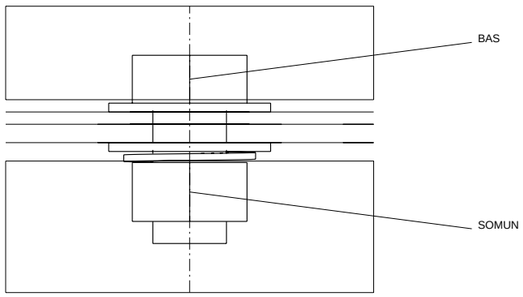
BU BAGLANTININ DELIKLERI

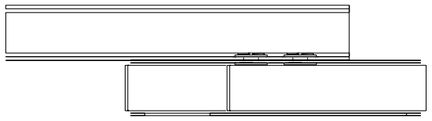
1: 2 DELIK | 30X14 GOVDE

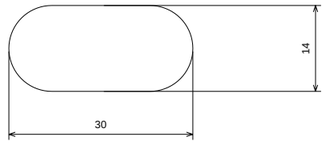
2: 2 DELIK | 30X14 GOVDE

DELIK DETAYI | 1:1

CIVATA EKSENINDEN KESIT | M12 | 1:1







IZOMETRI: GORUNEN KENARLAR, DAIRESEL DETAY SINIRI. UST GORUNUS: MERKEZ +/-220 mm.

ORNEK YERLESIMDIR; UST/ALT VE AYNA BAGLANTILARI AYNI TIPTEDIR. KESIN DELIK KONUMLARI PARCA PAFTALARINDADIR.

DONANIM DISLERI TEMSILI; CIVATA BOYU VE KALITESI BU DETAYDA SECILMEZ.

SOLAR STUDIO

BT-002 | ARKA KOLON KIRIS

PAFTA: BT-002

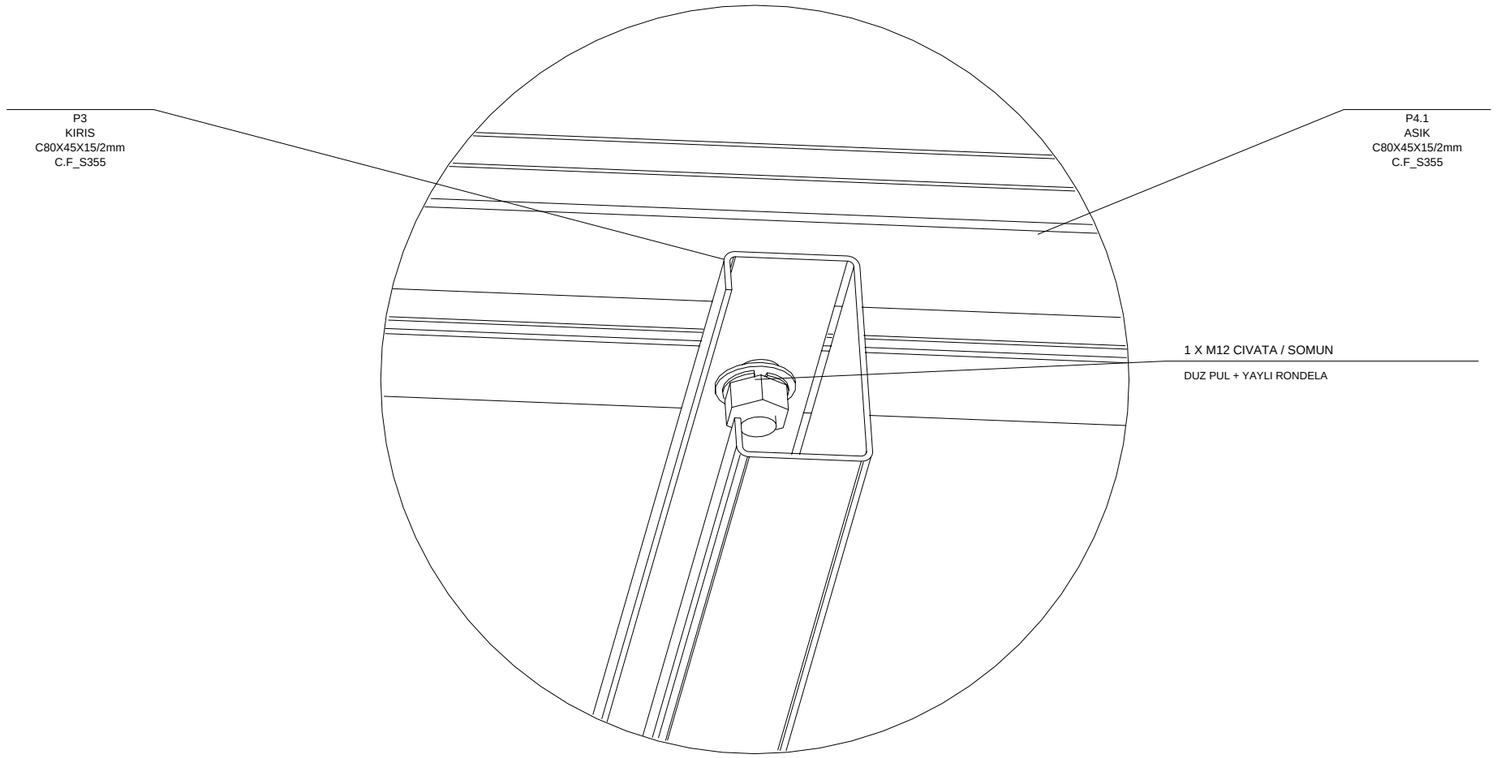
A3 | SEMATIK

18 / 29

BIRIM: mm

BT-003 | KIRIS ASIK

BT-003 · BAGLANTI IZOMETRIGI | 1:2



UST DETAY | 1:10

BAGLANTI TIPI / ADET

BT-003 | 48 ADET / MASA

100 MASA: 4800 ADET

1: KIRIS

P3

2: ASIK

P4.1, P4.2, P4.3, P4.4

CIVATA / SOMUN: M12 / M12

1 TAKIM / BAGLANTI

DUZ PUL: VAR (2/TAKIM)

YAYLI RONDELA: VAR

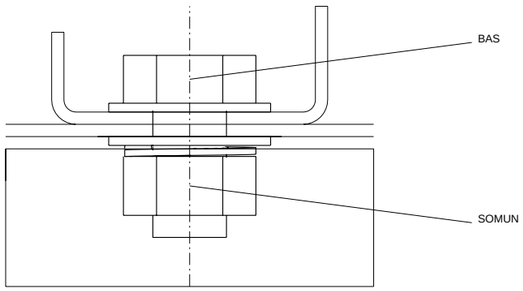
BU BAGLANTININ DELIKLERI

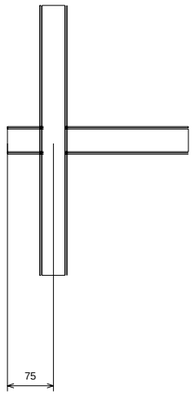
1: 1 DELIK | 30X14 UST

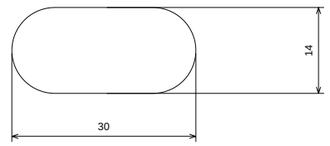
2: 1 DELIK | 30X14 ALT

DELIK DETAYI | 1:1

CIVATA EKSENINDEN KESIT | M12 | 1:1







IZOMETRI: GORUNEN KENARLAR, DAIRESEL DETAY SINIRI. UST GORUNUS: MERKEZ +/-220 mm.

ORNEK YERLESIMDIR; UST/ALT VE AYNA BAGLANTILARI AYNI TIPTEDIR. KESIN DELIK KONUMLARI PARCA PAFTALARINDADIR.

DONANIM DISLERI TEMSILI; CIVATA BOYU VE KALITESI BU DETAYDA SECILMEZ.

SOLAR STUDIO

BT-003 | KIRIS ASIK

PAFTA: BT-003

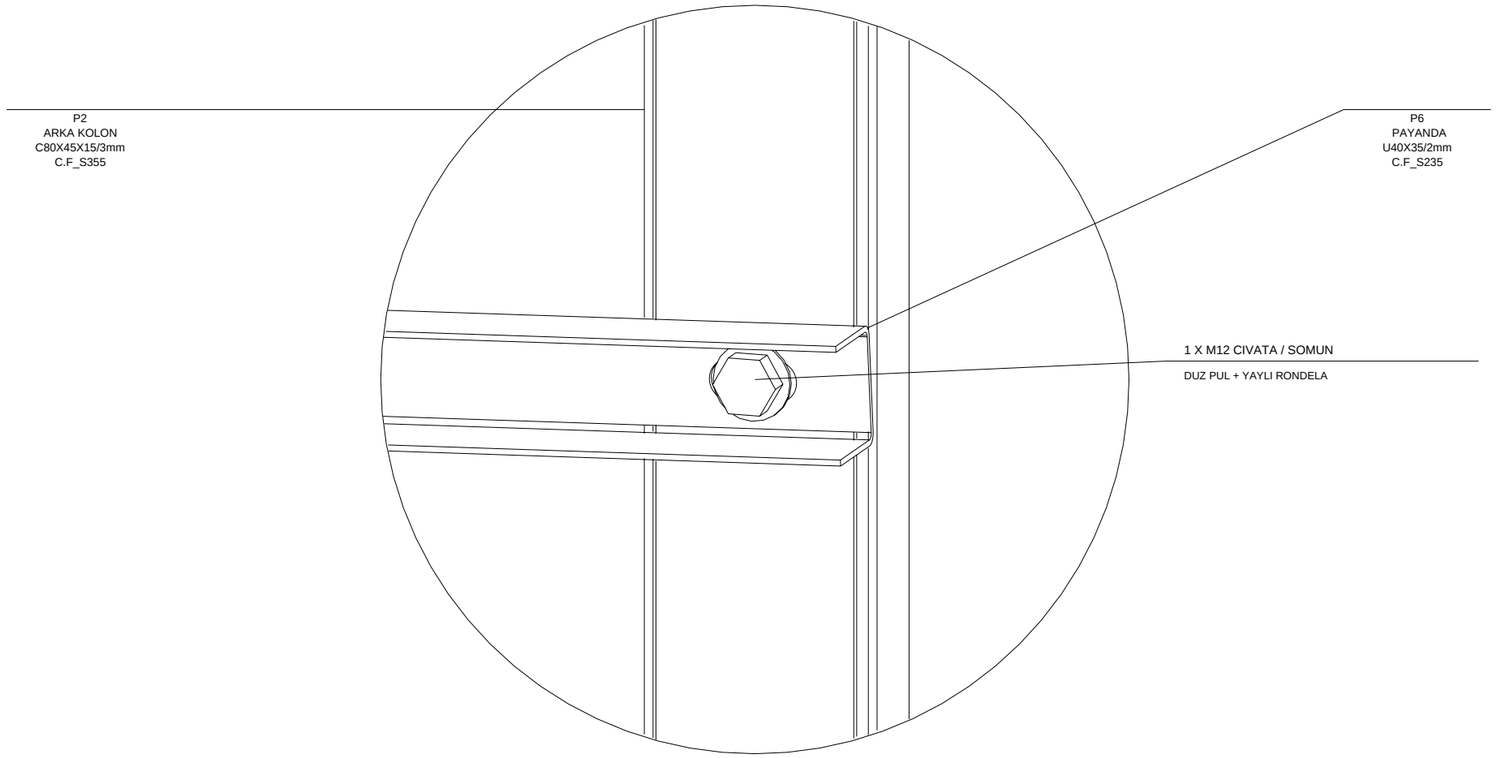
A3 | SEMATIK

19 / 29

BIRIM: mm

BT-004 | ARKA KOLON PAYANDA

BT-004 · BAGLANTI IZOMETRIGI | 1:2



UST DETAY | 1:5

BAGLANTI TIPI / ADET

BT-004 | 6 ADET / MASA

100 MASA: 600 ADET

1: ARKA KOLON

P2

2: PAYANDA

P6

CIVATA / SOMUN: M12 / M12

1 TAKIM / BAGLANTI

DUZ PUL: VAR (2/TAKIM)

YAYLI RONDELA: VAR

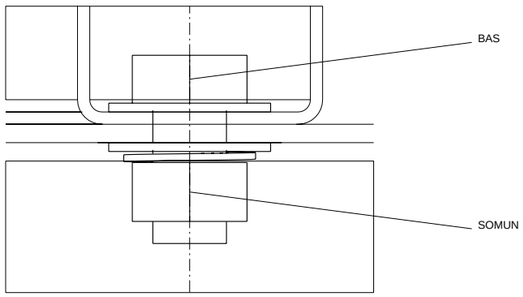
BU BAGLANTININ DELIKLERI

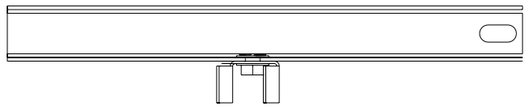
1: 1 DELIK | 30X14 GOVDE

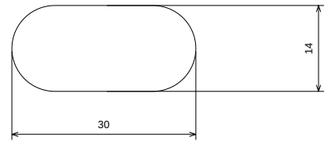
2: 1 DELIK | 30X14 GOVDE

DELIK DETAYI | 1:1

CIVATA EKSENINDEN KESIT | M12 | 1:1







IZOMETRI: GORUNEN KENARLAR, DAIRESEL DETAY SINIRI. UST GORUNUS: MERKEZ +/-220 mm.

ORNEK YERLESIMDIR; UST/ALT VE AYNA BAGLANTILARI AYNI TIPTEDIR. KESIN DELIK KONUMLARI PARCA PAFTALARINDADIR.

DONANIM DISLERI TEMSILI; CIVATA BOYU VE KALITESI BU DETAYDA SECILMEZ.

SOLAR STUDIO

BT-004 | ARKA KOLON PAYANDA

PAFTA: BT-004

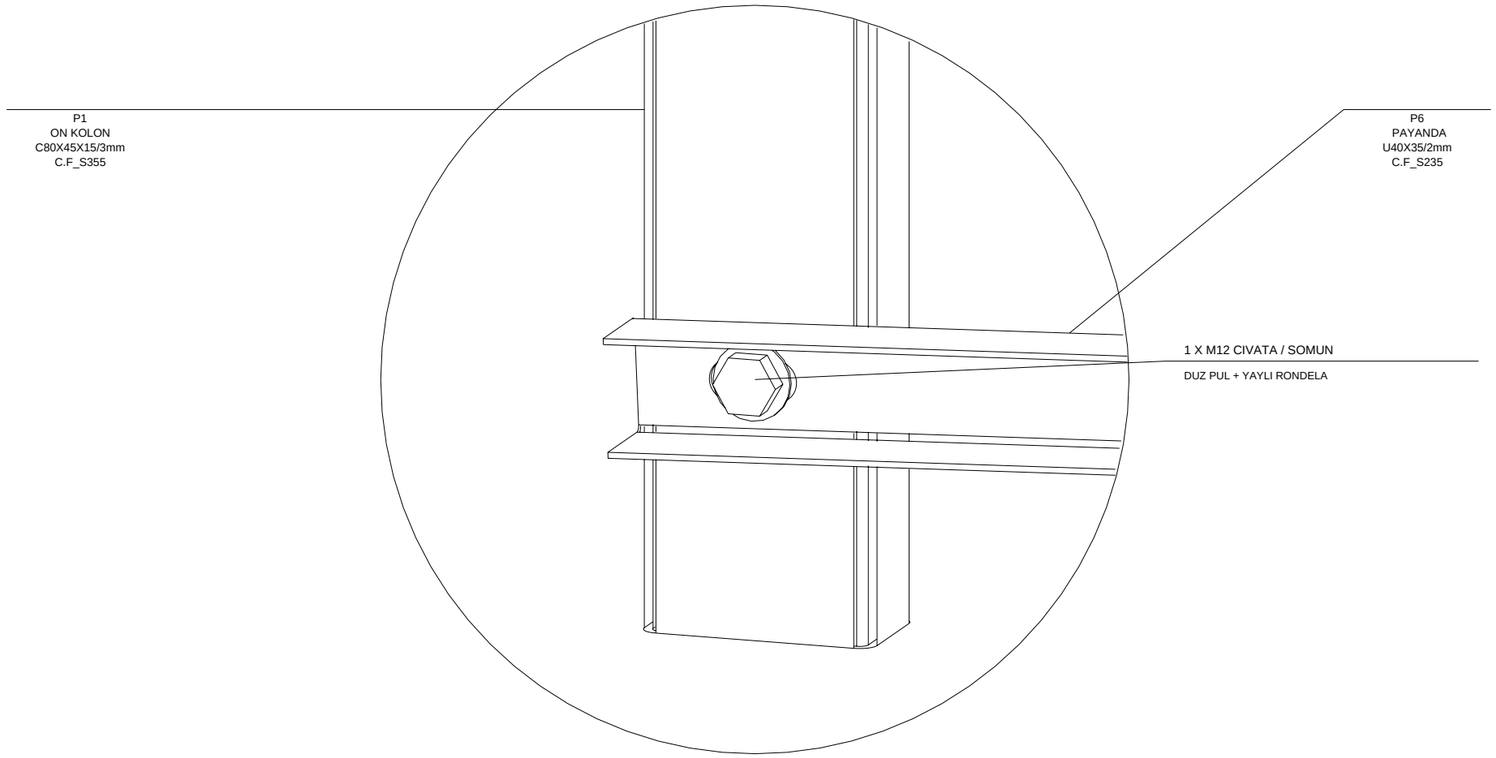
A3 | SEMATIK

20 / 29

BIRIM: mm

BT-005 | ON KOLON PAYANDA

BT-005 · BAGLANTI IZOMETRIGI | 1:2



BAGLANTI TIPI / ADET

BT-005 | 6 ADET / MASA

100 MASA: 600 ADET

1: ON KOLON

P1

2: PAYANDA

P6

CIVATA / SOMUN: M12 / M12

1 TAKIM / BAGLANTI

DUZ PUL: VAR (2/TAKIM)

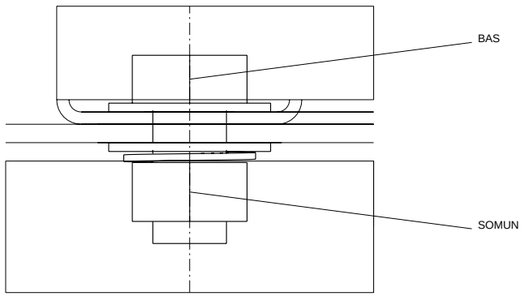
YAYLI RONDELA: VAR

BU BAGLANTININ DELIKLERI

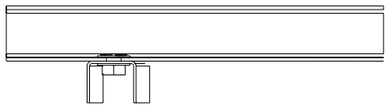
1: 1 DELIK | 30X14 GOVDE

2: 1 DELIK | 30X14 GOVDE

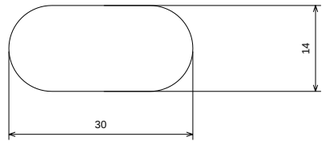
CIVATA EKSENINDEN KESIT | M12 | 1:1



UST DETAY | 1:5



DELIK DETAYI | 1:1



IZOMETRI: GORUNEN KENARLAR, DAIRESEL DETAY SINIRI. UST GORUNUS: MERKEZ +/-220 mm.

ORNEK YERLESIMDIR; UST/ALT VE AYNA BAGLANTILARI AYNI TIPTEDIR. KESIN DELIK KONUMLARI PARCA PAFTALARINDADIR.

DONANIM DISLERI TEMSILI; CIVATA BOYU VE KALITESI BU DETAYDA SECILMEZ.

SOLAR STUDIO

BT-005 | ON KOLON PAYANDA

PAFTA: BT-005

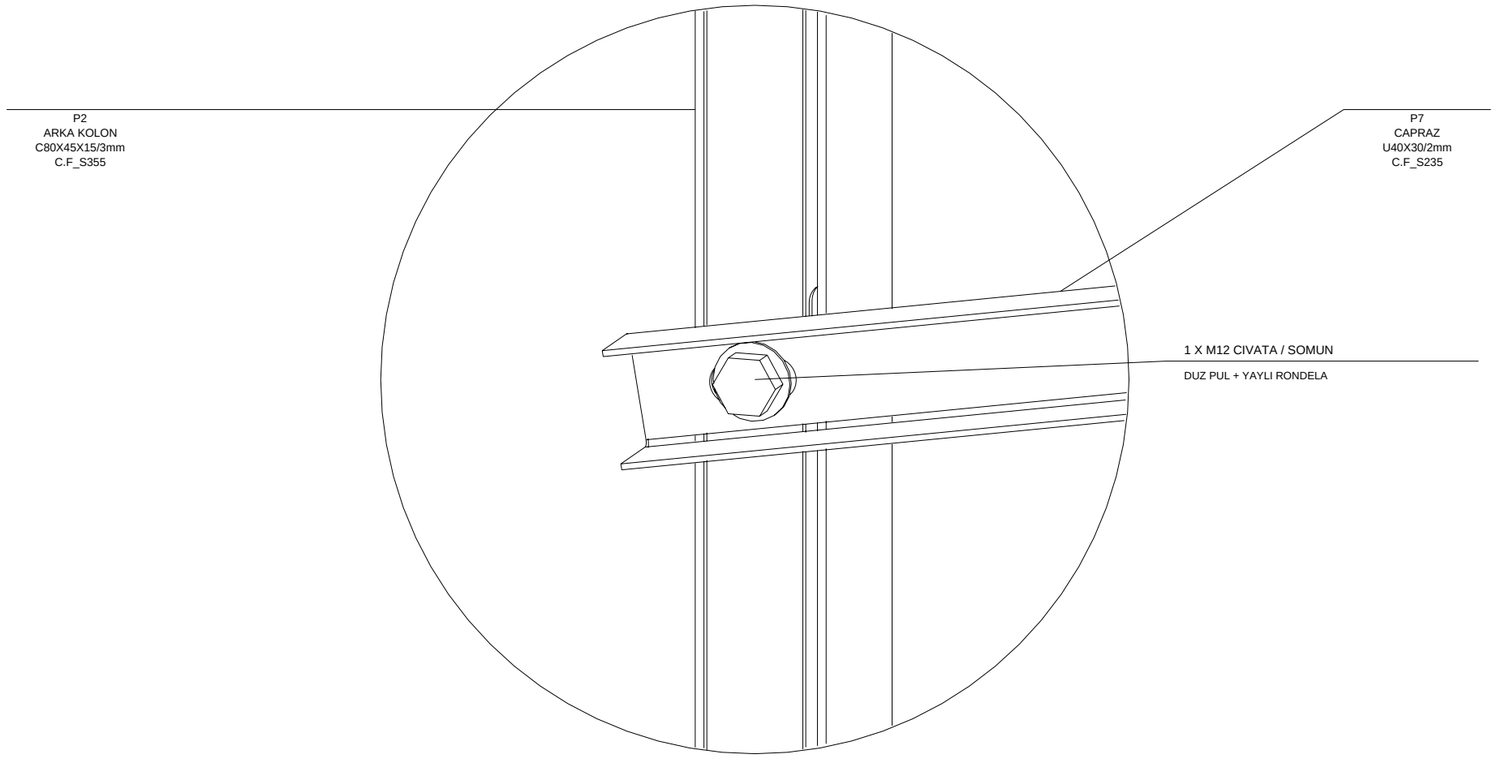
A3 | SEMATIK

21 / 29

BIRIM: mm

BT-006 | ARKA KOLON CAPRAZ

BT-006 · BAGLANTI IZOMETRIGI | 1:2



BAGLANTI TIPI / ADET

BT-006 | 12 ADET / MASA

100 MASA: 1200 ADET

1: ARKA KOLON

P2

2: CAPRAZ

P7

CIVATA / SOMUN: M12 / M12

1 TAKIM / BAGLANTI

DUZ PUL: VAR (2/TAKIM)

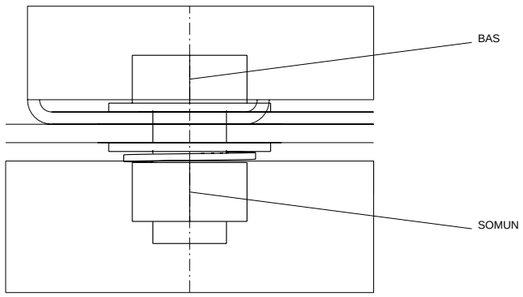
YAYLI RONDELA: VAR

BU BAGLANTININ DELIKLERI

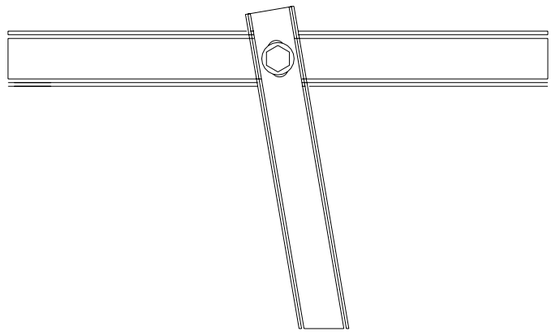
1: 1 DELIK | 30X14 UST

2: 1 DELIK | 30X14 GOVDE

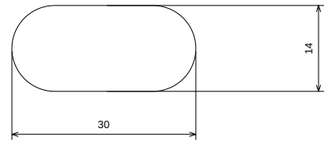
CIVATA EKSENINDEN KESIT | M12 | 1:1



UST DETAY | 1:5



DELIK DETAYI | 1:1



IZOMETRI: GORUNEN KENARLAR, DAIRESEL DETAY SINIRI. UST GORUNUS: MERKEZ +/-220 mm.

ORNEK YERLESIMDIR; UST/ALT VE AYNA BAGLANTILARI AYNI TIPTEDIR. KESIN DELIK KONUMLARI PARCA PAFTALARINDADIR.

DONANIM DISLERI TEMSILI; CIVATA BOYU VE KALITESI BU DETAYDA SECILMEZ.

SOLAR STUDIO

BT-006 | ARKA KOLON CAPRAZ

PAFTA: BT-006

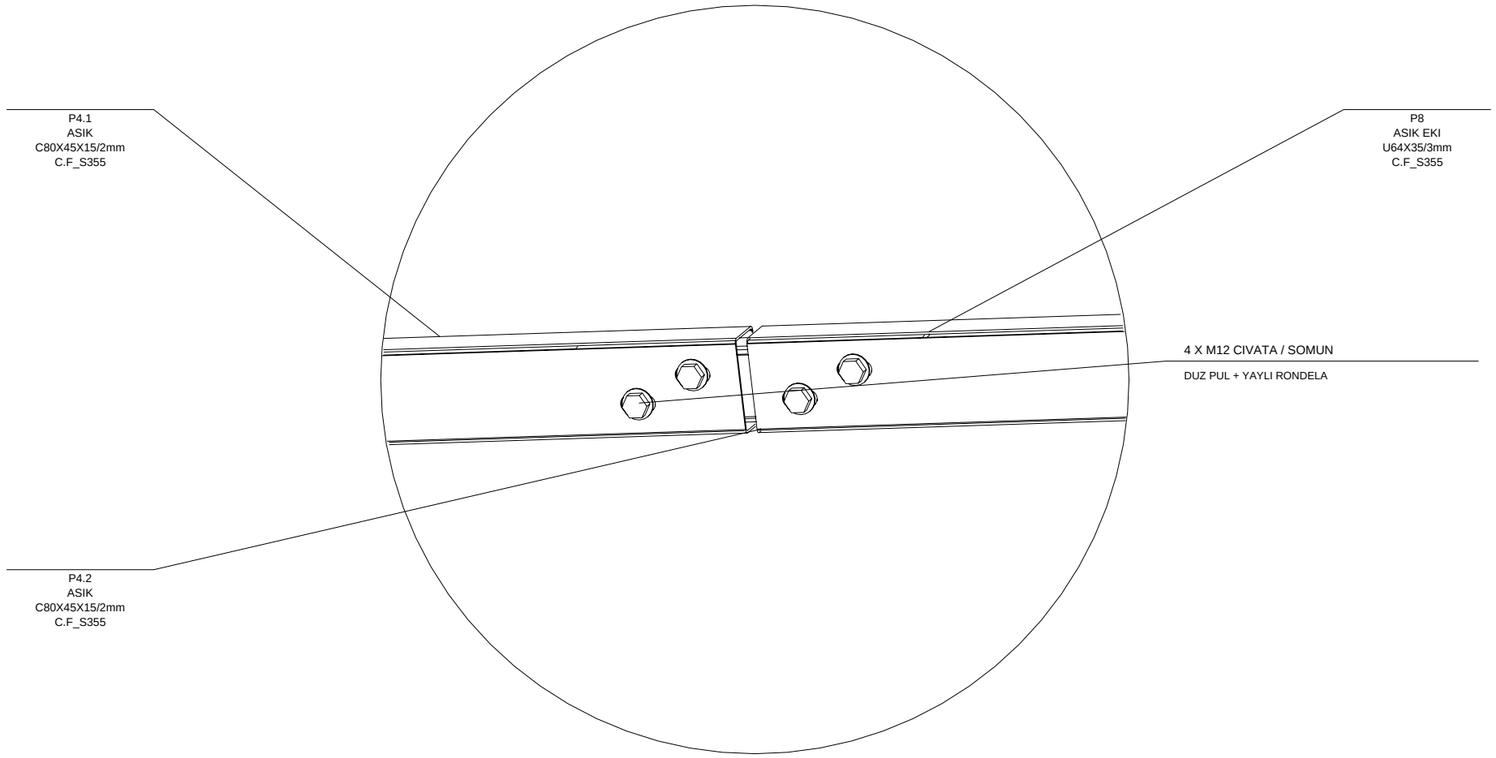
A3 | SEMATIK

22 / 29

BIRIM: mm

BT-007 | ASIK EK PLAKASI

BT-007 · BAGLANTI IZOMETRIGI | 1:5



UST DETAY | 1:5

BAGLANTI TIPI / ADET

BT-007 | 12 ADET / MASA

100 MASA: 1200 ADET

1: ASIK

P4.1, P4.2, P4.3

2: ASIK EKI

P8

3: ASIK

P4.2, P4.3, P4.4

CIVATA / SOMUN: M12 / M12

4 TAKIM / BAGLANTI

DUZ PUL: VAR (2/TAKIM)

YAYLI RONDELA: VAR

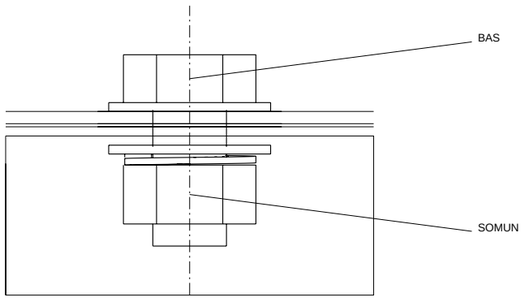
BU BAGLANTININ DELIKLERI

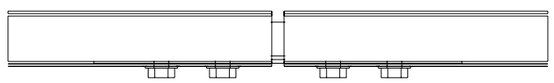
1: 2 DELIK | 30X14 GOVDE

2: 4 DELIK | 30X14 GOVDE

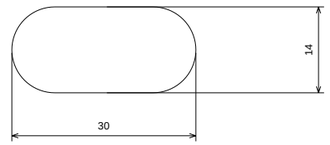
3: 2 DELIK | 30X14 GOVDE

CIVATA EKSENINDEN KESIT | M12 | 1:1





DELIK DETAYI | 1:1



IZOMETRI: GORUNEN KENARLAR, DAIRESEL DETAY SINIRI. UST GORUNUS: MERKEZ +/-220 mm.

ORNEK YERLESIMDIR; UST/ALT VE AYNA BAGLANTILARI AYNI TIPTEDIR. KESIN DELIK KONUMLARI PARCA PAFTALARINDADIR.

DONANIM DISLERI TEMSILI; CIVATA BOYU VE KALITESI BU DETAYDA SECILMEZ.

SOLAR STUDIO

BT-007 | ASIK EK PLAKASI

PAFTA: BT-007

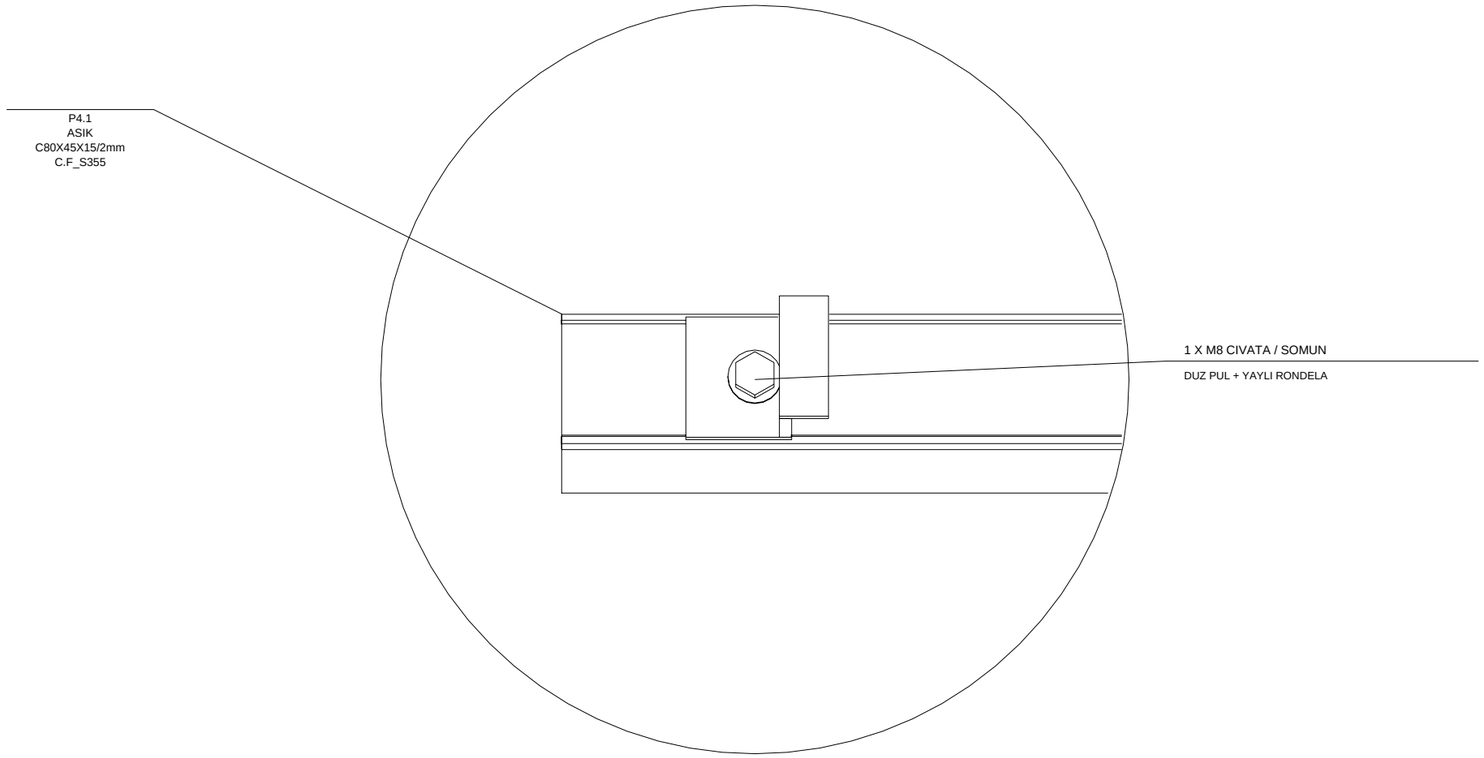
A3 | SEMATIK

23 / 29

BIRIM: mm

BT-008 | PANEL ASIK (KENAR KLEMP)

BT-008 · BAGLANTI IZOMETRIGI | 1:2



UST DETAY | 1:10

BAGLANTI TIPI / ADET

BT-008 | 8 ADET / MASA

100 MASA: 800 ADET

1: ASIK

P4.1, P4.4

CIVATA / SOMUN: M8 / M8

1 TAKIM / BAGLANTI

DUZ PUL: VAR (2/TAKIM)

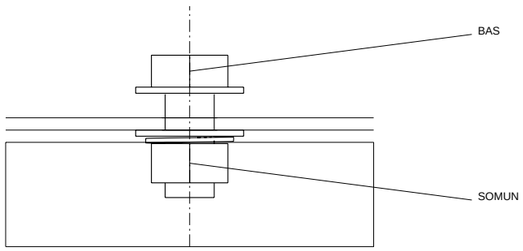
YAYLI RONDELA: VAR

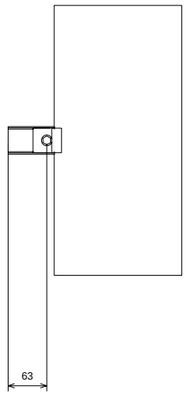
PANEL CERCEVESI: 35 mm

BU BAGLANTININ DELIKLERI

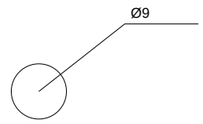
1: 1 DELIK | 9X9 UST

CIVATA EKSENINDEN KESIT | M8 | 1:1





DELIK DETAYI | 1:1



IZOMETRI: GORUNEN KENARLAR, DAIRESEL DETAY SINIRI. UST GORUNUS: MERKEZ +/-220 mm.

ORNEK YERLESIMDIR; UST/ALT VE AYNA BAGLANTILARI AYNI TIPTEDIR. KESIN DELIK KONUMLARI PARCA PAFTALARINDADIR.

DONANIM DISLERI TEMSILI; CIVATA BOYU VE KALITESI BU DETAYDA SECILMEZ.

SOLAR STUDIO

BT-008 | PANEL ASIK (KENAR KLEMP)

PAFTA: BT-008

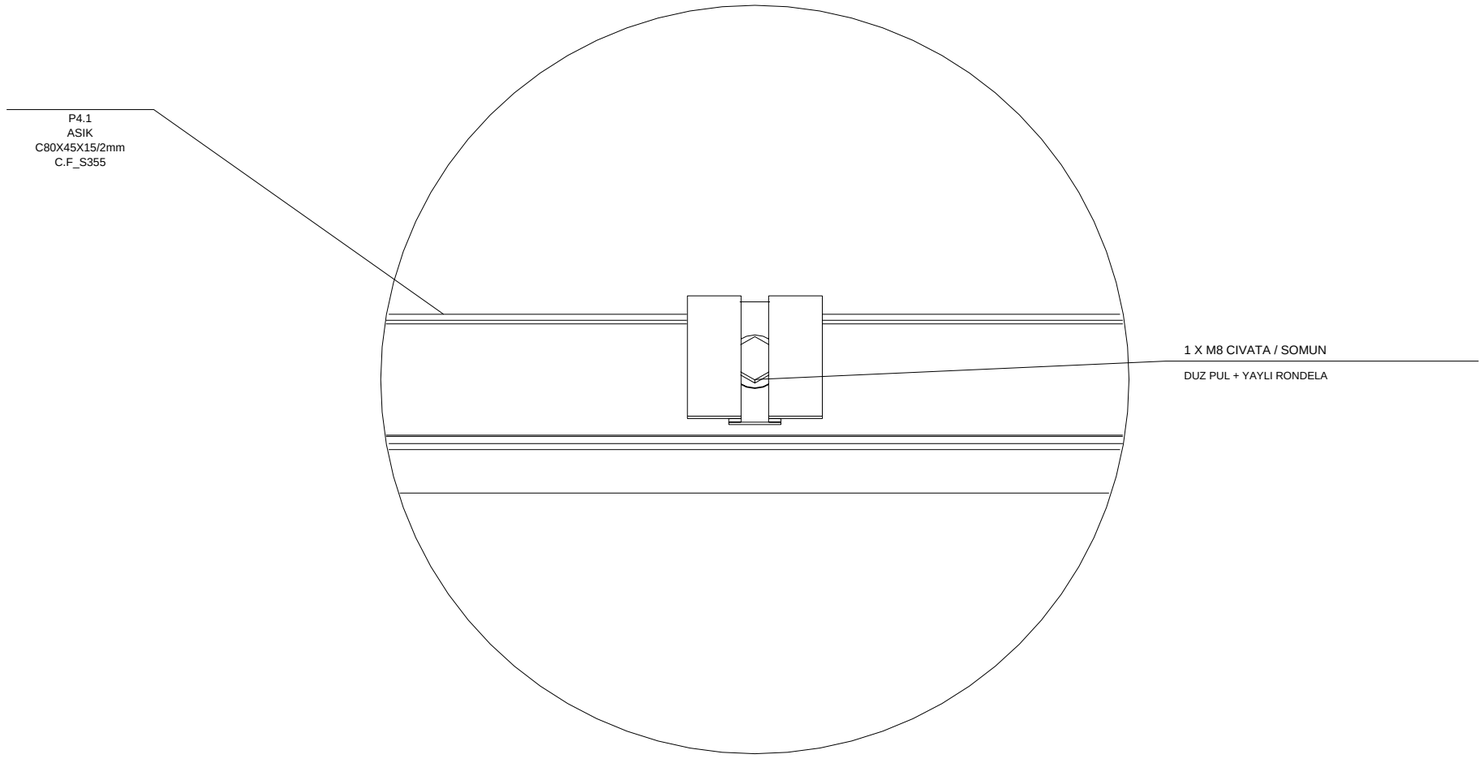
A3 | SEMATIK

24 / 29

BIRIM: mm

BT-009 | PANEL ASIK (ORTA KLEMP)

BT-009 · BAGLANTI IZOMETRIGI | 1:2



BAGLANTI TIPI / ADET

BT-009 | 44 ADET / MASA

100 MASA: 4400 ADET

1: ASIK

P4.1, P4.2, P4.3

CIVATA / SOMUN: M8 / M8

1 TAKIM / BAGLANTI

DUZ PUL: VAR (2/TAKIM)

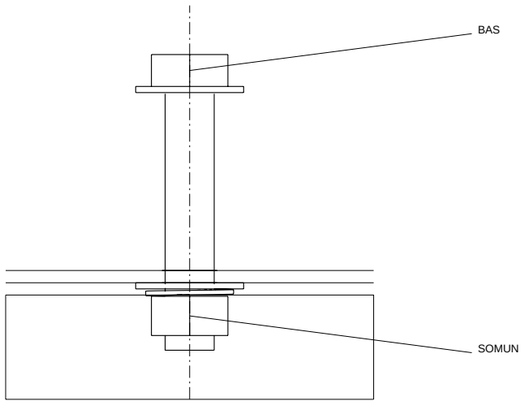
YAYLI RONDELA: VAR

PANEL CERCEVESI: 35 mm

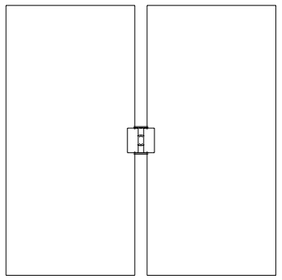
BU BAGLANTININ DELIKLERI

1: 1 DELIK | 9X9 UST

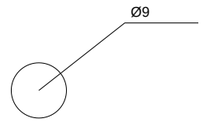
CIVATA EKSENINDEN KESIT | M8 | 1:1



UST DETAY | 1:10



DELIK DETAYI | 1:1



IZOMETRI: GORUNEN KENARLAR, DAIRESEL DETAY SINIRI. UST GORUNUS: MERKEZ +/-220 mm.

ORNEK YERLESIMDIR; UST/ALT VE AYNA BAGLANTILARI AYNI TIPTEDIR. KESIN DELIK KONUMLARI PARCA PAFTALARINDADIR.

DONANIM DISLERI TEMSILI; CIVATA BOYU VE KALITESI BU DETAYDA SECILMEZ.

SOLAR STUDIO

BT-009 | PANEL ASIK (ORTA KLEMP)

PAFTA: BT-009

A3 | SEMATIK

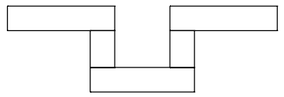
25 / 29

BIRIM: mm

KLEMP TIPLERI VE ADETLERI

ORTA KLEMP

MASA BASI 44 | 100 MASA TOPLAM 4400



BOY 40 / T 4 mm

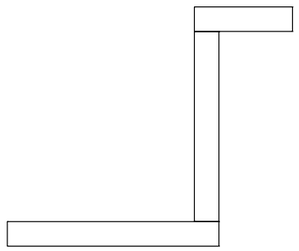
DELIK CAPI 9 mm

PANEL BASMA PAYI 12 mm

PANEL ARALIGI 20 mm

KENAR KLEMPI

MASA BASI 8 | 100 MASA TOPLAM 800



BOY 40 / T 4 mm

DELIK CAPI 9 mm

PANEL BASMA PAYI 12 mm

PANEL KENARI - CIVATA 12 mm

BASAMAKLI KENAR / SIMETRIK ORTA KLEMP. OLCULER SECILEN URUNE GORE AYARLANIR.

BAGLANTI ELEMANLARI

BAGLANTI	CIVATA / SOMUN	ADET/MASA	TOPLAM	DUZ PUL	YAYLI RONDELA
PANEL ASIK (KENAR KLEMP)	M8 / M8	8	800	1600	800
PANEL ASIK (ORTA KLEMP)	M8 / M8	44	4400	8800	4400
KOLON KIRIS	M12 / M12	24	2400	4800	2400
KIRIS ASIK	M12 / M12	24	2400	4800	2400
ARKA KOLON PAYANDA	M12 / M12	6	600	1200	600
ON KOLON PAYANDA	M12 / M12	6	600	1200	600
ARKA KOLON CAPRAZ	M12 / M12	12	1200	2400	1200
ASIK EK PLAKASI	M12 / M12	48	4800	9600	4800

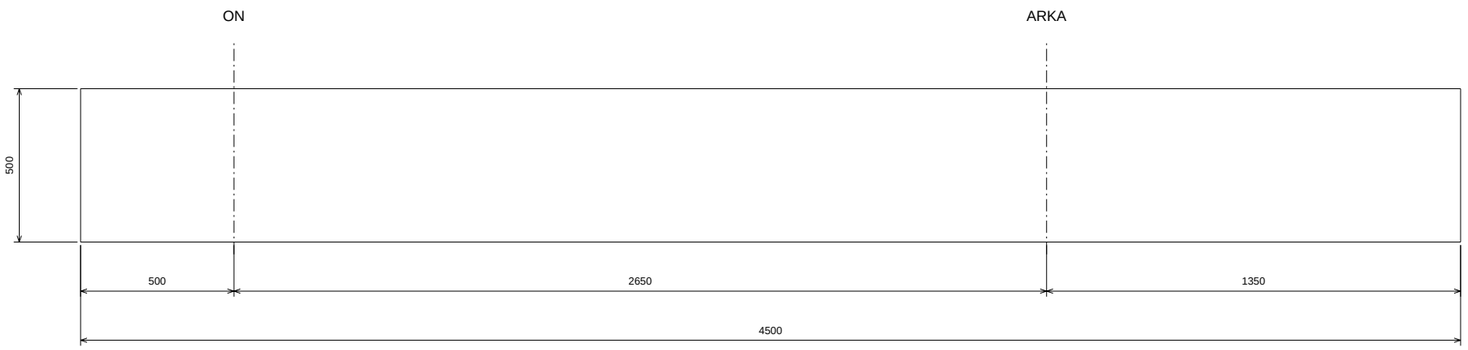
100 MASA. HER TAKIM: 1 CIVATA + 1 SOMUN; SECILIYSE 2 DUZ PUL + 1 YAYLI RONDELA.

DONANIM DIS GEOMETRISI TEMSILI. BOY, KALITE VE URUN STANDARDI AYRICA SECILMELIDIR.

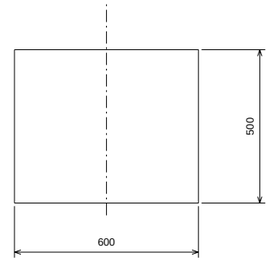
BETON BAZA | KALIP VE KOLON YERLESIMI

6 ADET/MASA | 100 MASA | 600 ADET PROJE TOPLAMI

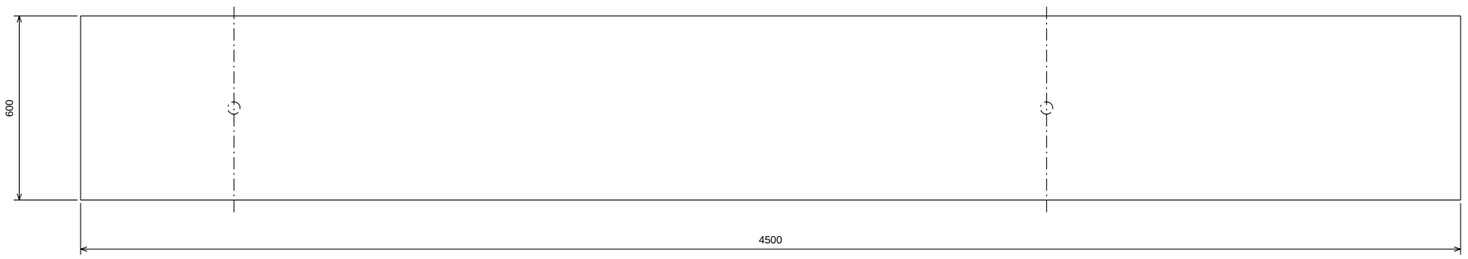
YAN GORUNUS | 1:20



ON GORUNUS | 1:20



UST GORUNUS | 1:20



BAZA OLCULERI · mm

EN 600

BOY 4500

YUKSEKLIK 500

ARKA KOLONUN ENINE AKS FARKI: 0 mm

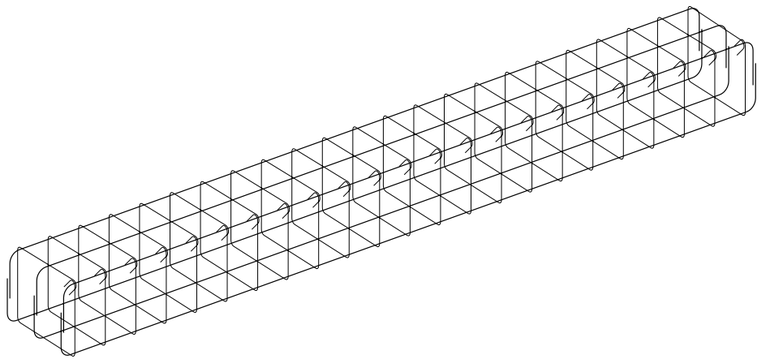
ALT YUZ = ZEMIN KOTU. KOLON ALTLARI = BAZA UST KOTU.

KOLON MERKEZLERI GOSTERILMISTIR. ANKRAJ / TABAN PLAKASI BU DETAYA DAHIL DEGILDIR.

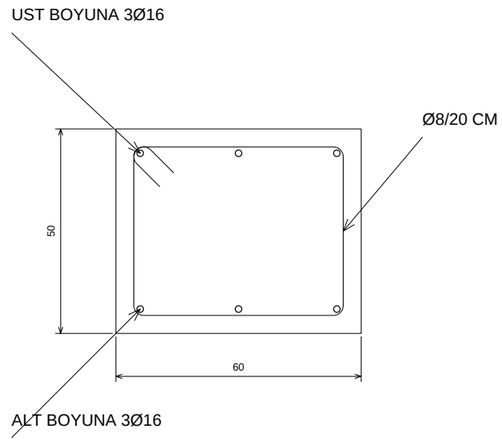
BETON BAZA | DONATI YERLESIMI VE BUKUM DETAYLARI

6 BAZA/MASA | 100 MASA | PROJE TOPLAM 600 BAZA

3B KAPALI DONATI KAFESI | SEMATIK

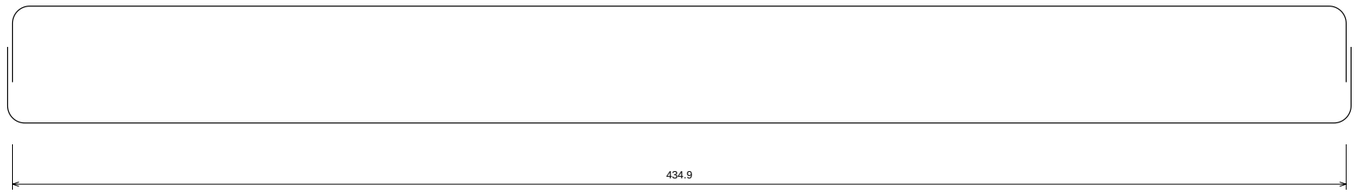


KESIT A-A | 1:15



PASPAYI 4 CM

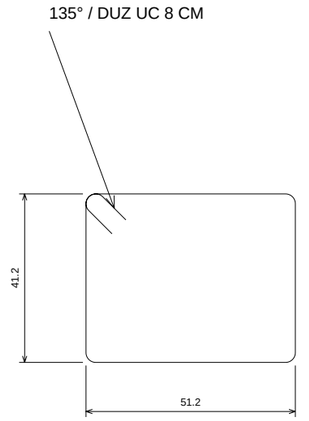
BOYUNA DONATI | 90° BUKUM | 1:20



DUZ UC 19.2 CM | BINDIRME 11.5 CM | IC BUKUM CAPI 9.6 CM

DONATI	ADET / BAZA	KESIM BOYU (CM)
UST BOYUNA 3Ø16	3	479.7
ALT BOYUNA 3Ø16	3	482.9
ETRIYE Ø8/20 CM	23	204.2

ETRIYE DETAYI | 1:15



IC BUKUM CAPI 4 CM

OLCULER EKSENDEN EKSENE · CM

ETRIYE EKSEN ARALIGI 19.2 CM

BETON BAZA ON UC YUZU > ILK ETRIYE EKSENI: 13.6 CM

BETON BAZA ARKA UC YUZU > SON ETRIYE EKSENI: 13.6 CM

BOYLAR CM; DONATI CAPLARI mm. KESIM BOYLARI MODELLENEN EKSEN GEOMETRISIDIR.