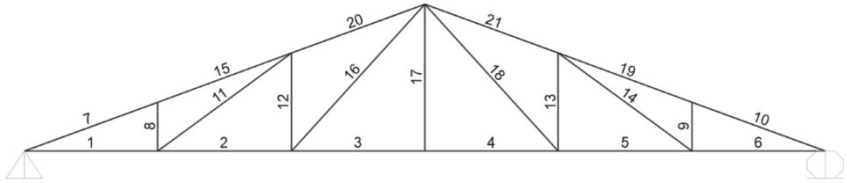
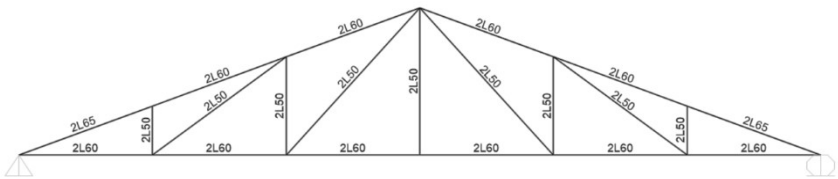


GAMBAR

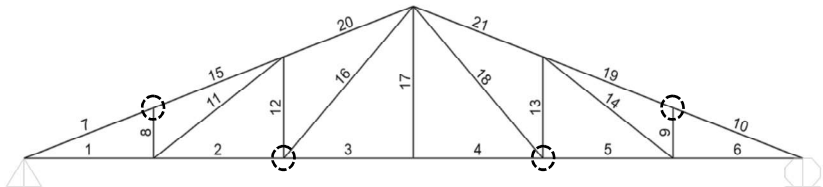
**DESAIN STRUKTUR BANGUNAN
BAGIAN 1**



Gambar 4.1. Penomoran Batang Truss Atap



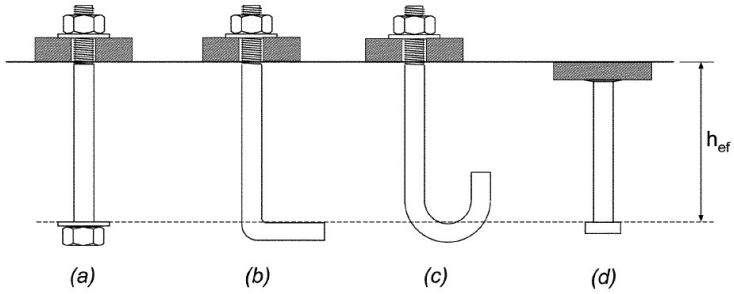
Gambar 5.2. Penempatan Jenis Profil Truss Atap



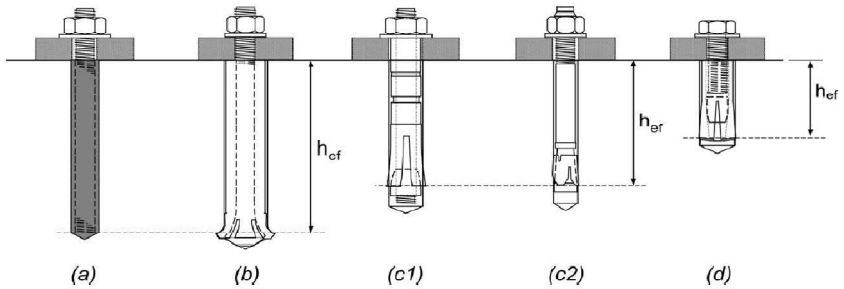
Gambar 5.3. Titik Pemutusan Batang Miring & Bawah

LAST DIGIT	0	1	2	3	4	5	6	7	8	9
Power source	(a)	AC or DC electrode positive	AC or DC	AC or DC	AC or DC	DC electrode positive	AC or DC electrode positive	AC or DC	AC or DC electrode positive	AC or DC
Type of coating	(b)	Organic	Rutile*	Rutile*	Rutile*	Low Hydrogen	Low Hydrogen	Mineral	Low Hydrogen	Rutile*
Type of arc	Digging	Digging	Medium	Soft	Soft	Medium	Medium	Soft	Medium	Medium
Penetration	(c)	Deep	Medium	Light	Light	Medium	Medium	Medium	Medium	Medium
Iron Powder in Coating	0-10%	None	0-10%	0-10%	30-50%	None	None	50%	30-50%	0-10%

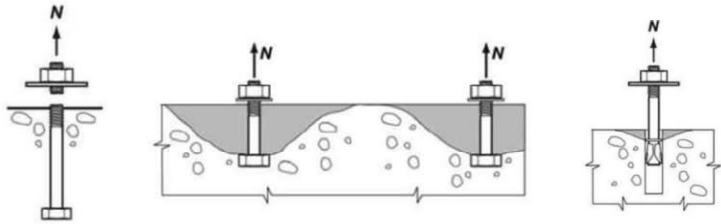
Notes: (a) E-6010 is DC electrode positive; E-6020 is AC or DC
 (b) E-6010 is organic, E-6020 is mineral
 (c) E-6010 is deep penetration; E-6020 is medium penetration
 *A hard titanium dioxide coating.



Gambar 6.8. Jenis Angkur Tipe *Cast-In*



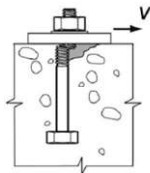
Gambar 6.9. Jenis Angkur Tipe *Post-Installed*



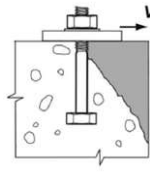
(1) Kegagalan Tarik Angkur

(2) Breakout (akibat tarik)

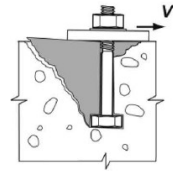
(3) Pullout



(4) Kegagalan Geser Angkur

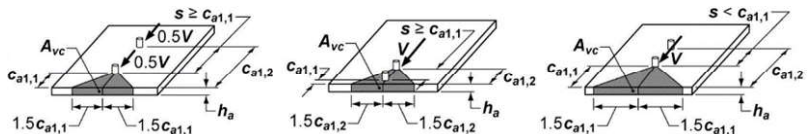


(5) Breakout (akibat geser)



(6) Pryout

Gambar 6.10. Bentuk Kegagalan Angkur (Tinjauan Tarik & Geser)

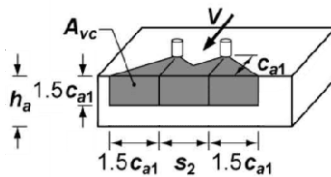


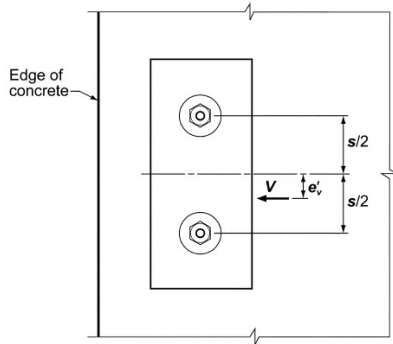
Kasus 1

Kasus 2

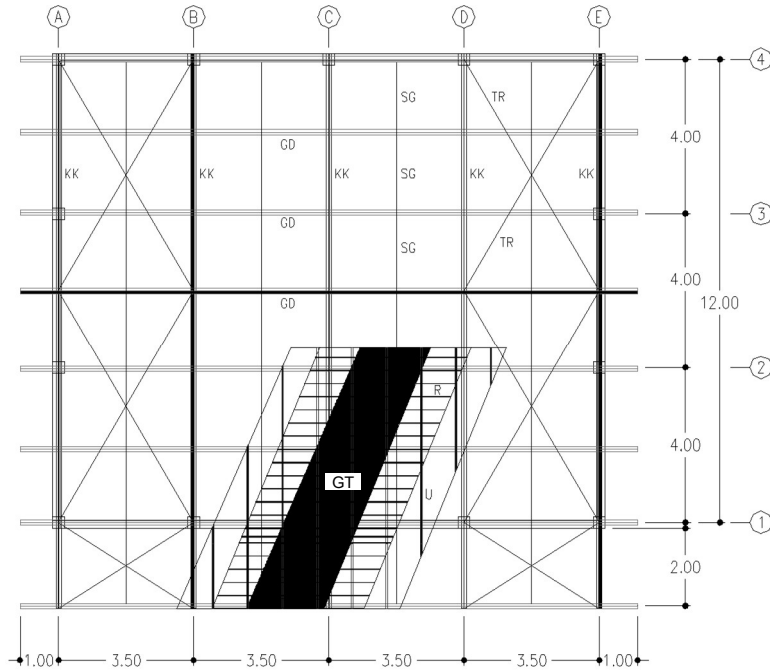
Kasus 3

Gambar 6.14. Luas Proyeksi Kerusakan Kelompok Angkur





Gambar 6.15. Eksentrisitas Beban Geser Pada Kelompok Angkur



NOTASI	
KODE	KETERANGAN
KK	KUDA-KUDA PROFILBAJA
GD	GORDING C 200.75.20.3,2
SG	SAGROD ϕ 12 MM
TR	TRAEK STANG ϕ 12 MM
GT	GENTENG BETON
U	USUK C 75.35 T=0,70
R	RENG 40.30 T=0,45

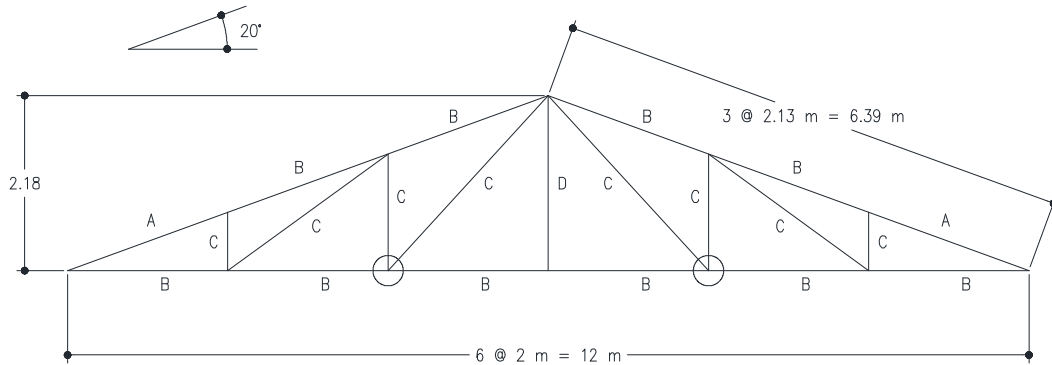
Baja Profil :

- Mutu : A36
- Teg. leleh (min) : $f_y=250$ MPa
- Teg. putus (min) : $f_u=400$ MPa

Sambungan Baut :

- Tipe : M12
- Mutu : A-325
- Jarak ke tepi = 50 mm (min)
- Jarak antar baut = 50 mm

Gambar L4.1. Denah Rencana Atap

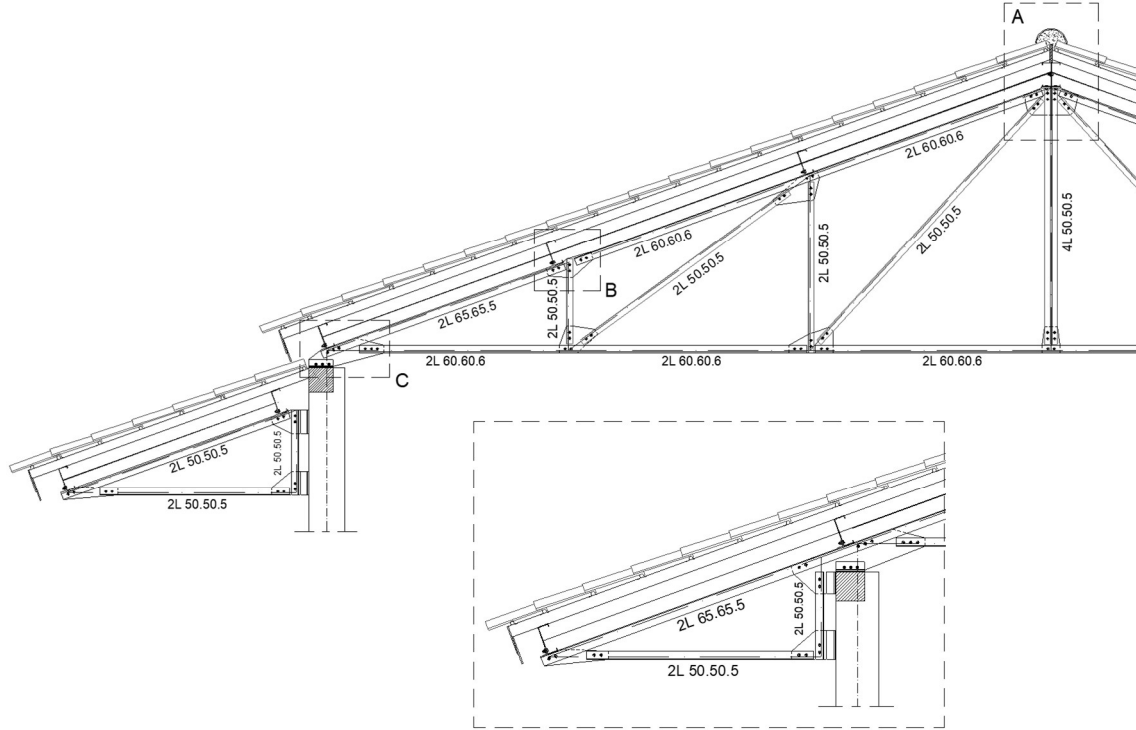


NOTASI	
KODE	DIMENSI (MM)
A	2L 65.65.5
B	2L 60.60.6
C	2L 50.50.5
D	4L 50.50.5 *

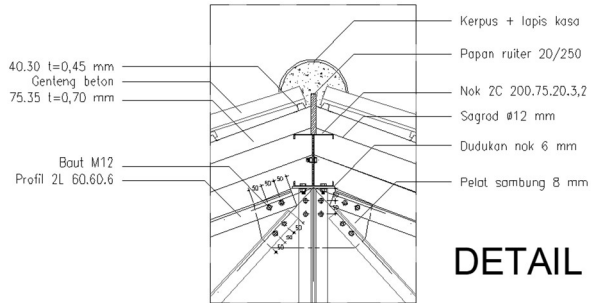
KETERANGAN :

- Titik pemutusan batang menerus
- * Profil 4L 50.50.5 dapat diganti pipa diameter 4"

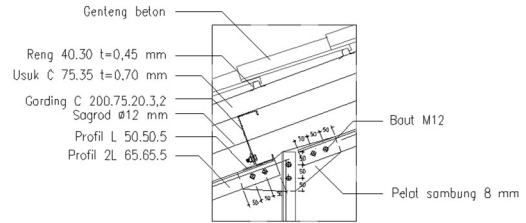
Gambar L4.2. Tipe Profil Struktur Kuda-kuda Atap



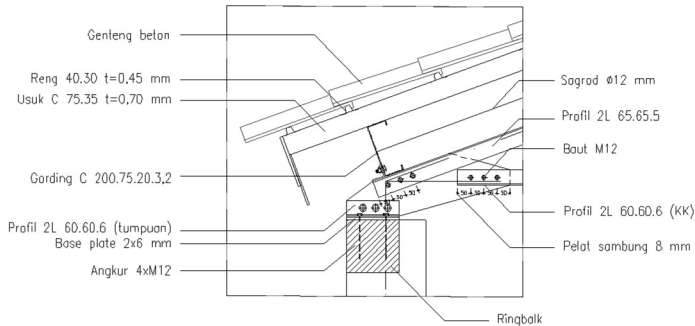
Gambar L4.3. Detail Kuda-kuda (Inset : Alternatif Penempatan Konsol)



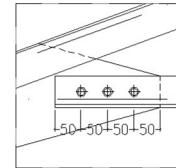
DETAIL A



DETAIL B

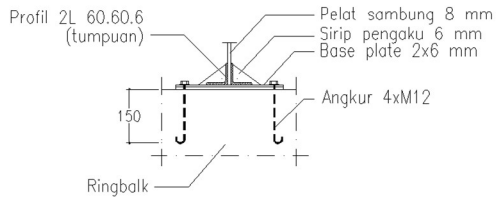
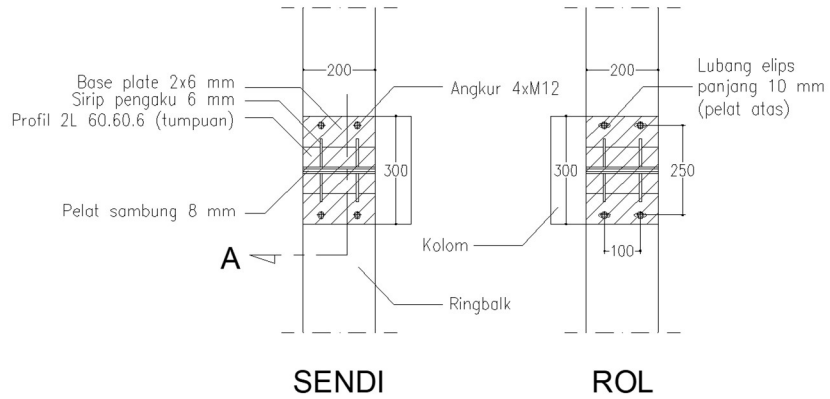


DETAIL C

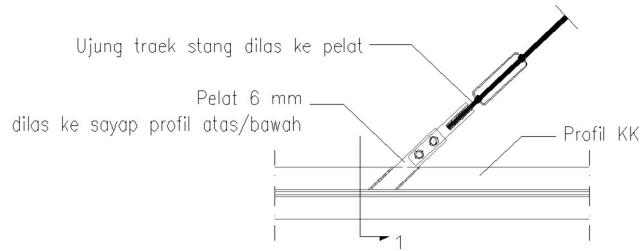


JARAK BOUT

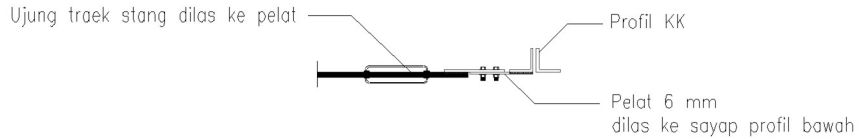
Gambar L4.4. Detail Sambungan



Gambar L4.5. Detail Tumpuan Kuda-kuda

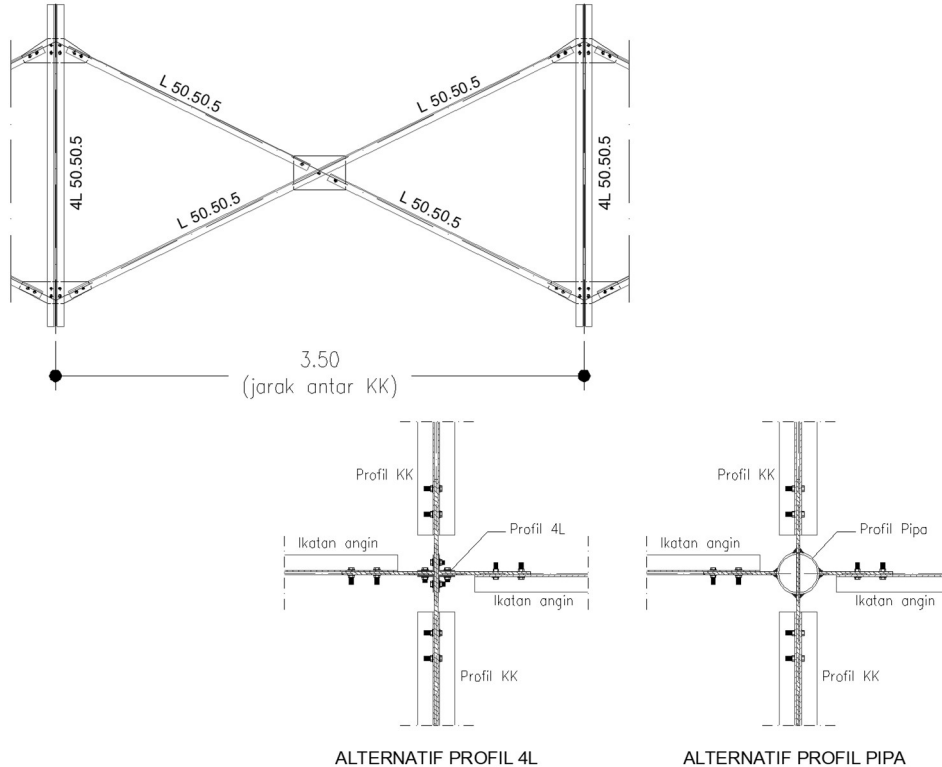


DENAH

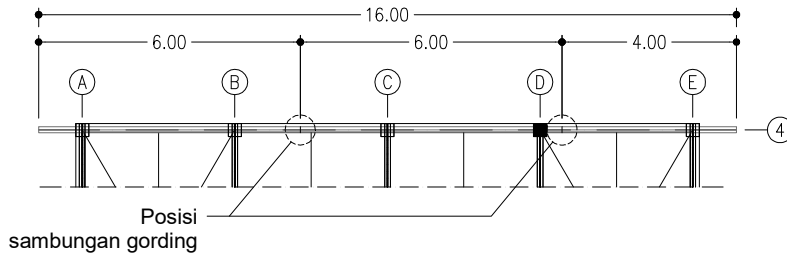


POTONGAN 1

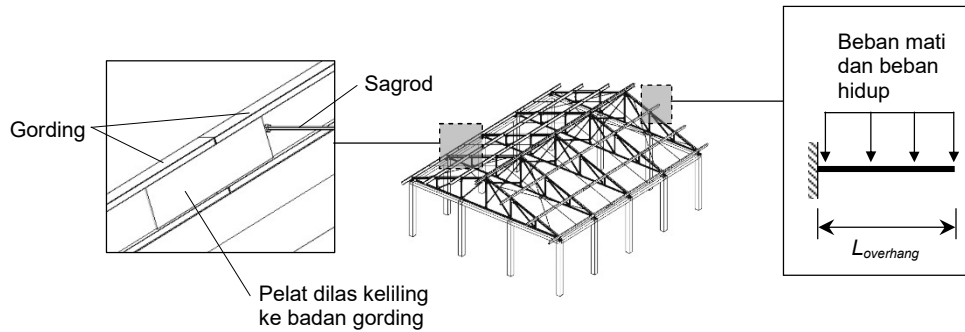
Gambar L4.6. Detail Ujung Traek Stang



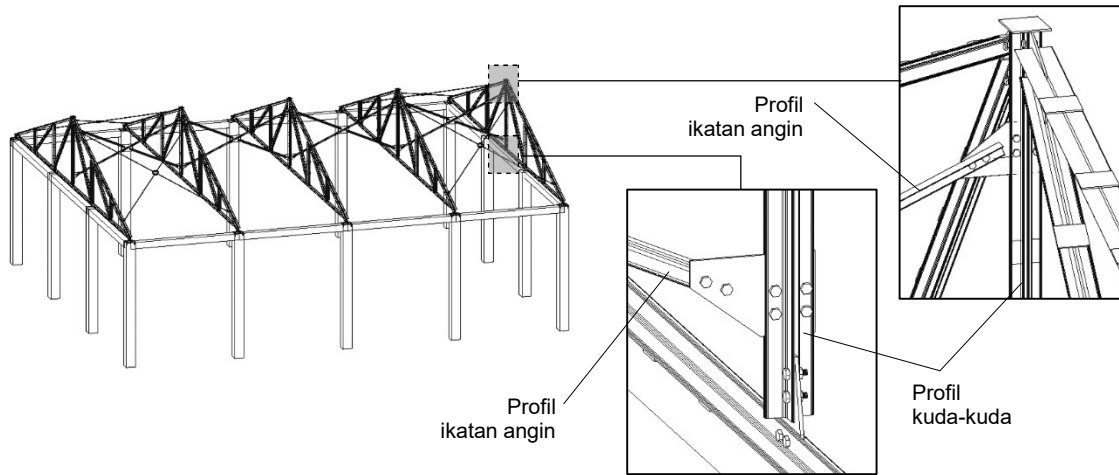
Gambar L4.7. Detail Ikatan Angin & Denah Alternatif Sambungan Tengah



Gambar L4.8. Posisi Sambungan Gording



Gambar L4.9. Detail Sambungan Gording & Analisis Overhang



Gambar L4.10. Sambungan Ikatan Angin (Gording & Sagrod Tidak Diperlihatkan)