

**BANTUAN KEUANGAN (BANKEU)  
KABUPATEN KARANGANYAR**



**DOKUMEN GAMBAR PERENCANAAN**

**NAMA PAKET PEKERJAAN :  
REHABILITASI RUAS JALAN NGADILUWIH - MATESIH ( RUAS 142 )  
KAB. KARANGANYAR**

| <b>NAMA RUAS :</b>                |
|-----------------------------------|
| <b>JALAN NGADILUWIH - MATESIH</b> |

**TAHUN ANGGARAN 2025**

## LEMBAR PENGESAHAN

NAMA PAKET : REHABILITASI RUAS JALAN NGADILUWIH – MATESIH ( RUAS 142 )

KABUPATEN KARANGANYAR

Kami Bertanggung Jawab Atas  
Dokumen Perencanaan Ini  
Peyedia Jasa  
CV. BENGAWAN TIPTA JAYA



Ir. WIGIT SETYAWAN, S.T.M.M.  
Direktur

Mengetahui :  
Kepala Bidang Bina Marga DPUR  
Kab. Karanganyar



SUTOPO, S.T., M.PWK.  
Pembina  
NIP. 19730816 200604 1 006

Mengesahkan :  
Kepala Dinas Pekerjaan Umum Dan Perumahan Rakyat  
Kabupaten Karanganyar



ASIHNO PURWADI, S.T.  
Pembina Tk. I  
NIP. 19720828 199803 1 016

DAFTAR ISI

| NO.   | NAMA GAMBAR                             | SKALA   |
|-------|-----------------------------------------|---------|
| 01    | PETA LOKASI PEKERJAAN                   | -       |
| 02    | LAYOUT RENCANA                          | 1:16000 |
| 03    | STRIPMAPS RENCANA STA 0+000 - STA 1+000 | 1:1000  |
| 04    | STRIPMAPS RENCANA STA 1+000 - STA 2+000 | 1:1000  |
| 05    | STRIPMAPS RENCANA STA 2+000 - STA 3+000 | 1:1000  |
| 06    | STRIPMAPS RENCANA STA 3+000 - STA 4+000 | 1:1000  |
| 07    | STRIPMAPS RENCANA STA 4+000 - STA 5+000 | 1:1000  |
| 08    | STRIPMAPS RENCANA STA 5+000 - STA 5+936 | 1:1000  |
| 09-10 | TYPIKAL POTONGAN MELINTANG              | 1:50    |
| 11-12 | RENCANA BOX CULVERT                     | 1:50    |
| 13-16 | DETAIL TALUD PASANGAN BATU              | 1:25    |



## PETA LOKASI KEGIATAN

Rehabilitasi Ruas Jalan Ngadiluwih - Matesih (Ruas 142)

Kecamatan Matesih

Kabupaten Karanganyar



DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

No. Ruas : 142

Nama Ruas : Jl. Ngadiluwih - Matesih

Kabupaten : Karanganyar

Provinsi : Jawa Tengah

CV BENGAWAN TJIPTA JAYA

Digambar

Direncanakan

Diperiksa

JUDUL GAMBAR :

PETA LOKASI PEKERJAAN

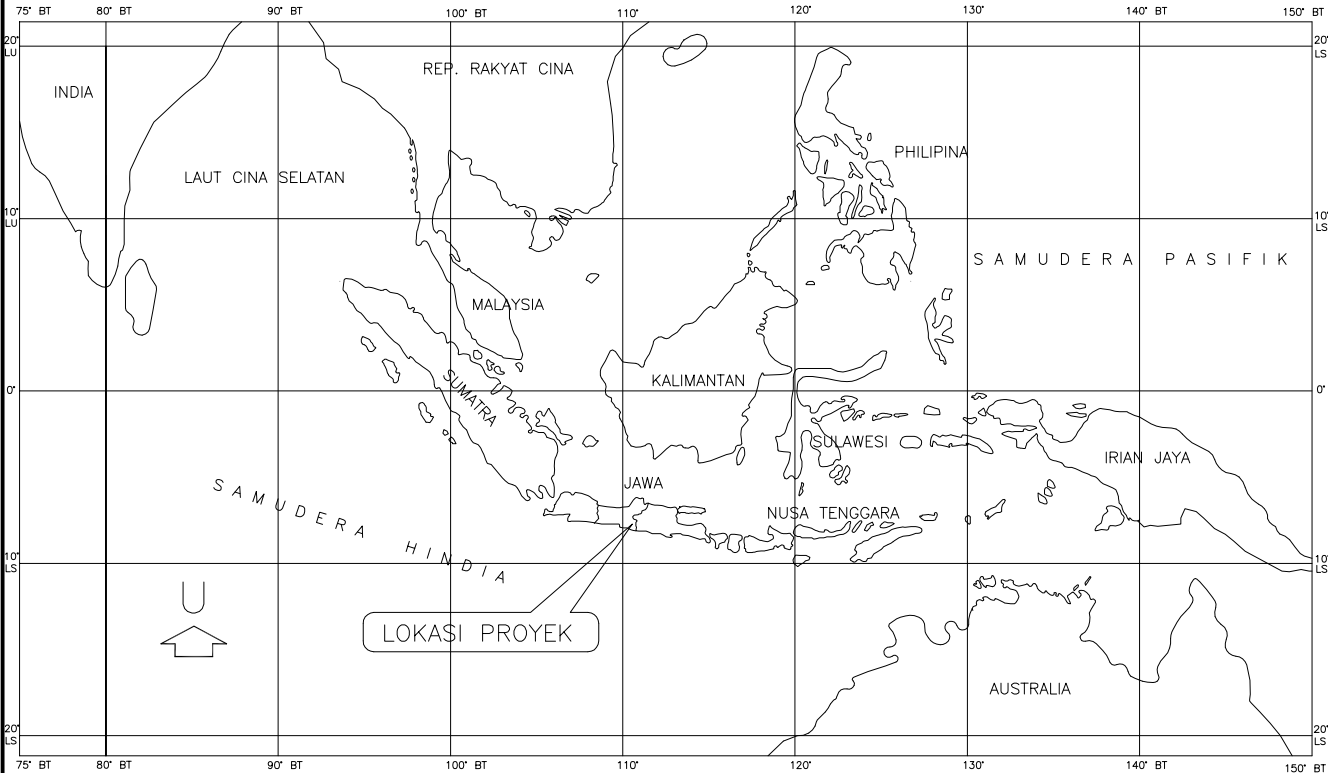
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Jml Lembar : 16

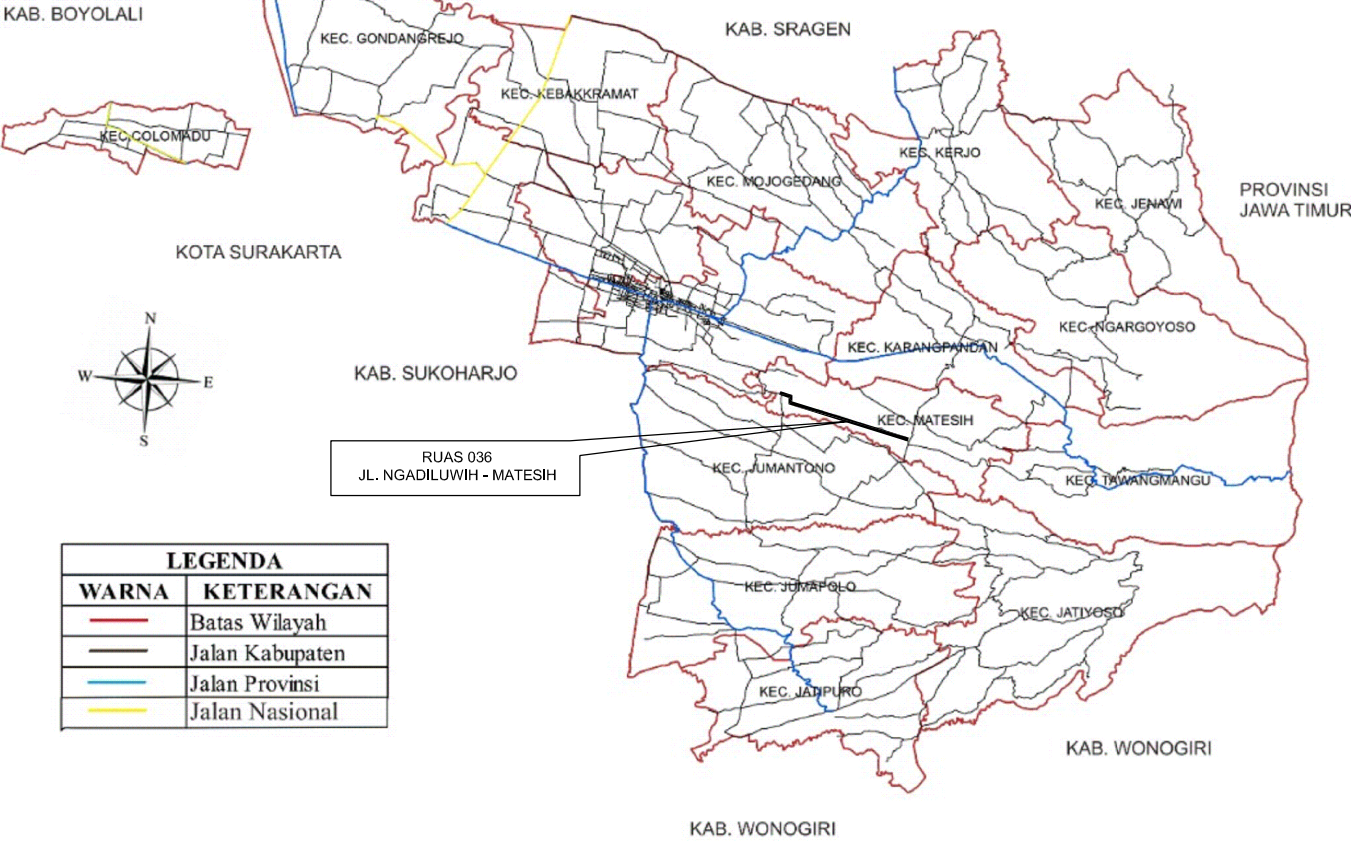
Skala : -



INDONESIA



PETA JARINGAN JALAN  
KABUPATEN KARANGANYAR





DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

No. Ruas : 142  
Nama Ruas : Jl. Ngadiluwih - Matesih  
Kabupaten : Karanganyar  
Provinsi : Jawa Tengah



CV BENGAWAN TJIPTA JAYA

Digambar

Direncanakan

Diperiksa

JUDUL GAMBAR :

LAYOUT PLAN  
RENCANA

No Lembar : 02

Jml Lembar : 16

Skala : 1 : 16000

LEGENDA



Pemukiman Penduduk



Hutan



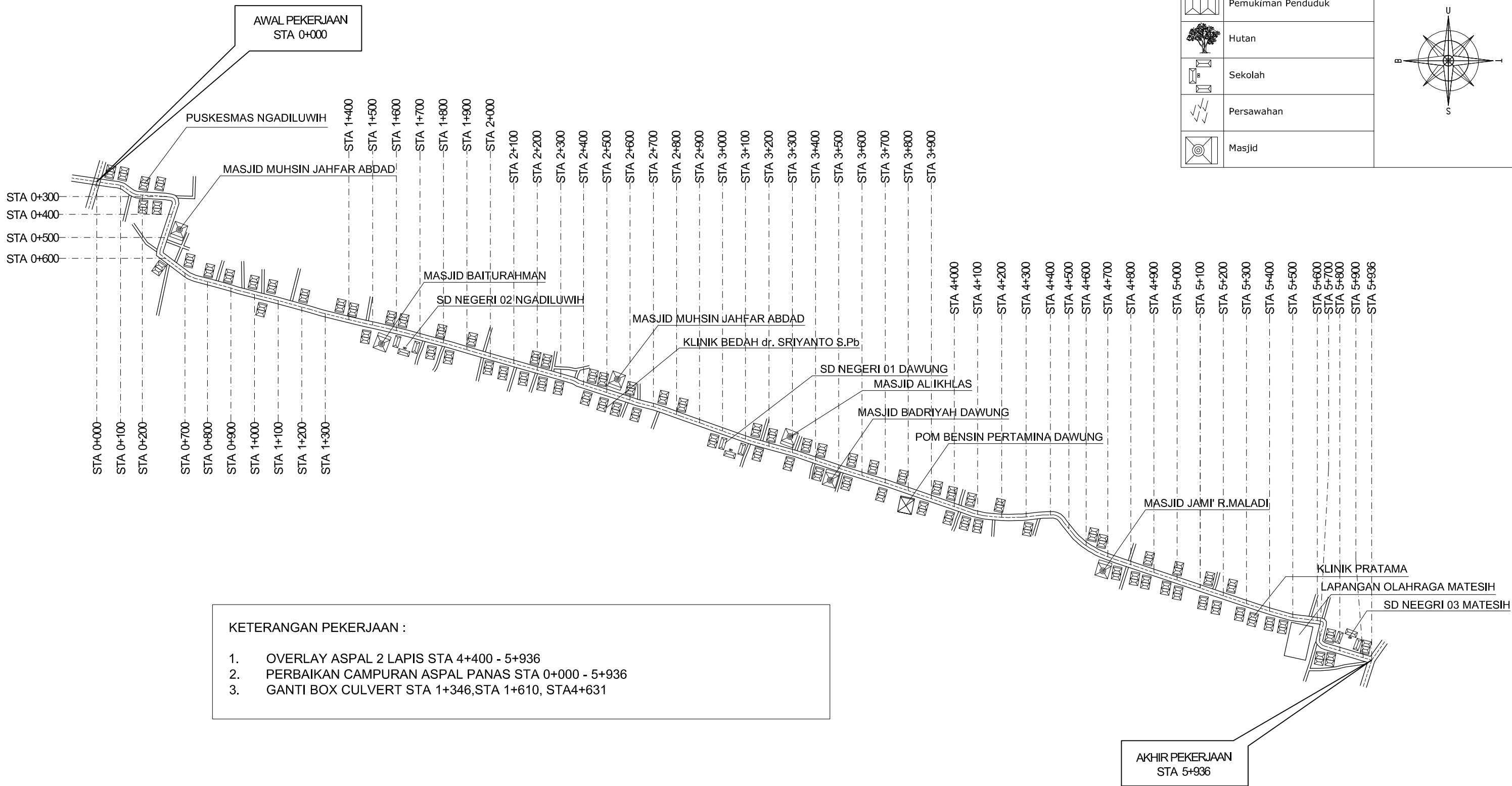
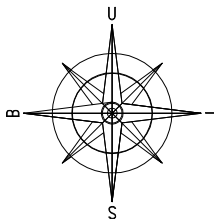
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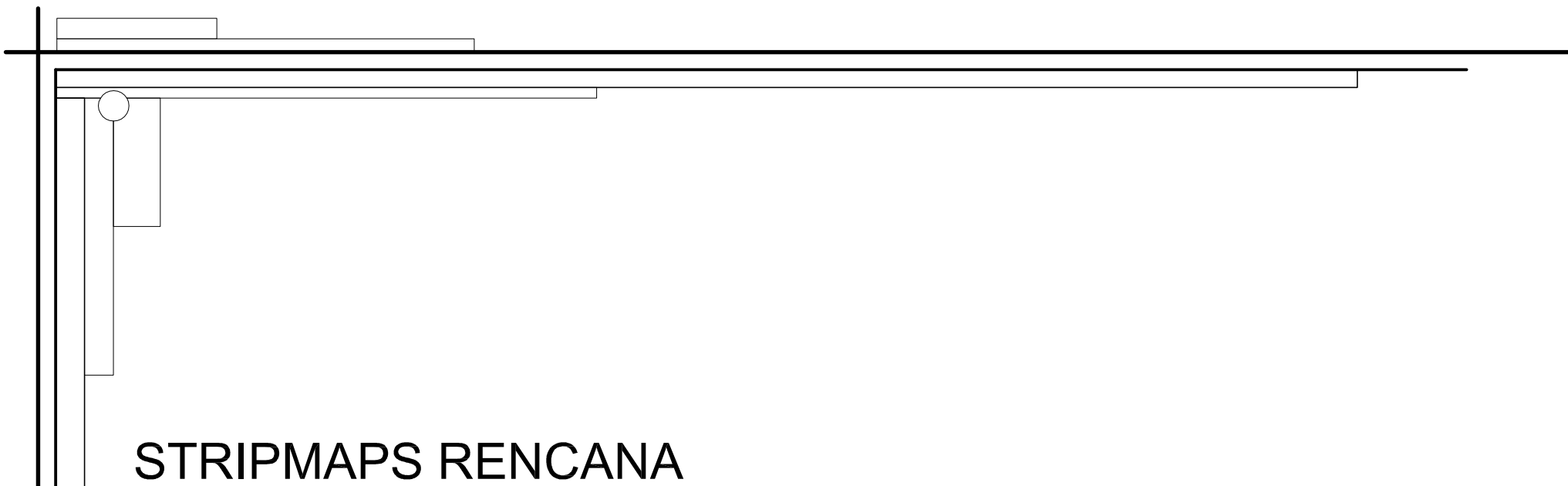


Persawahan



Masjid





## STRIPMAPS RENCANA

Rehabilitasi Ruas Jalan Ngadiluwih - Matesih (Ruas 142)

Kecamatan Matesih

Kabupaten Karanganyar



Provinsi : Jawa Tengah

Diperiksa

STRIPMAPS RENCANA

|       |          |
|-------|----------|
| Skala | : 1:1000 |
|-------|----------|



—

|                           |  |  |  |  |  |
|---------------------------|--|--|--|--|--|
| BETON FS' 4,5 MPA = 25 CM |  |  |  |  |  |
| BETON KURUS = 10 CM       |  |  |  |  |  |
| AGREGAT A = 15 CM         |  |  |  |  |  |
| AC - WC = 4 CM            |  |  |  |  |  |
| AC - BC = 6 CM            |  |  |  |  |  |

|                              |                                                                                     |                                                                                       |  |                                                                                       |                                                                                       |
|------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| BETON FC' 20 MPA = 15 CM     |                                                                                     |                                                                                       |  |                                                                                       |                                                                                       |
| AGREGAT S = 10 CM            |                                                                                     |                                                                                       |  |                                                                                       |                                                                                       |
| DPT PASANGAN BATU KALI       |  |  |  |  |  |
| SALURAN PASANGAN BATU MORTAR |                                                                                     |                                                                                       |  |                                                                                       |                                                                                       |
| SALURAN DS-1A                |                                                                                     |                                                                                       |  |                                                                                       |                                                                                       |



DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

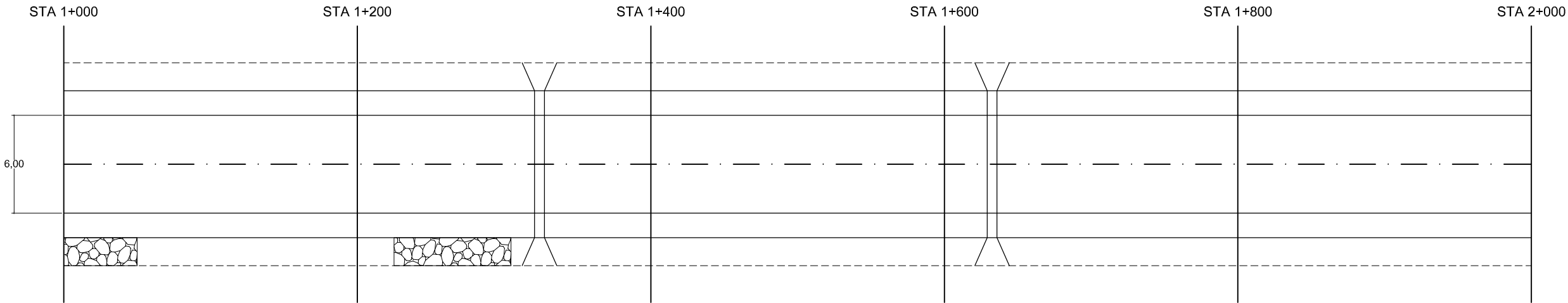
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| No. Ruas : 142                       |
| Nama Ruas : Jl. Ngadiluwih - Matesih |
| Kabupaten : Karanganyar              |
| Provinsi : Jawa Tengah               |



| CV BENGAWAN TJIPTA JAYA |              |           |
|-------------------------|--------------|-----------|
| Digambar                | Direncanakan | Diperiksa |
| -                       | -            | -         |

| JUDUL GAMBAR :    | No Lembar : 04  |
|-------------------|-----------------|
| STRIPMAPS RENCANA | Jml Lembar : 16 |
|                   | Skala : 1:1000  |

STRIPMAPS RENCANA



| LAJUR LALU LINTAS         | STA 1+000 | STA 1+200 | STA 1+400 | STA 1+600 | STA 1+800 | STA 2+000 |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| BETON FS' 4,5 MPA = 25 CM |           |           |           |           |           |           |
| BETON KURUS = 10 CM       |           |           |           |           |           |           |
| AGREGAT A = 15 CM         |           |           |           |           |           |           |
| AC - WC = 4 CM            |           |           |           |           |           |           |
| AC - BC = 6 CM            |           |           |           |           |           |           |

| BAHU JALAN                   | STA 1+000 | STA 1+200 | STA 1+400 | STA 1+600 | STA 1+800 | STA 2+000 |
|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| BETON FC' 20 MPA = 15 CM     |           |           |           |           |           |           |
| AGREGAT S = 10 CM            |           |           |           |           |           |           |
| DPT PASANGAN BATU KALI       |           |           |           |           |           |           |
| SALURAN PASANGAN BATU MORTAR |           |           |           |           |           |           |
| SALURAN DS-1A                |           |           |           |           |           |           |



DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

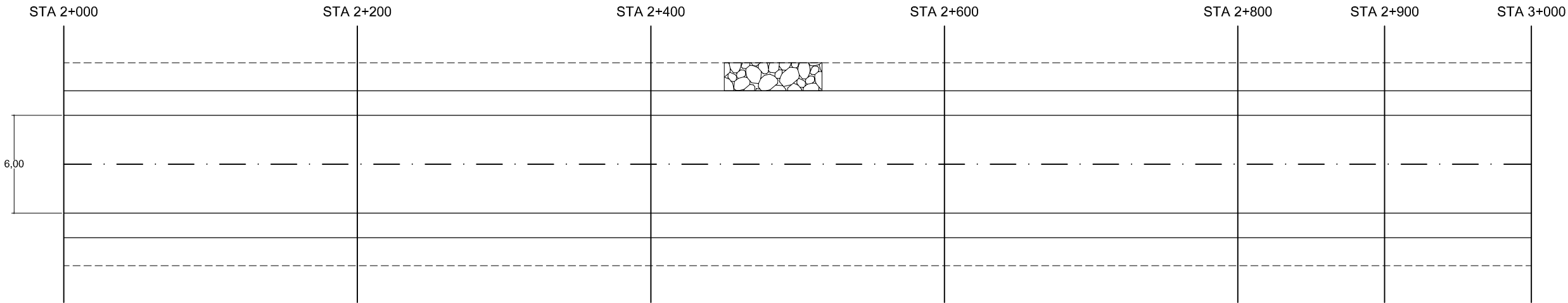
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| No. Ruas : 142                       |
| Nama Ruas : Jl. Ngadiluwih - Matesih |
| Kabupaten : Karanganyar              |
| Provinsi : Jawa Tengah               |



| CV BENGAWAN TJIPTA JAYA |              |           |
|-------------------------|--------------|-----------|
| Digambar                | Direncanakan | Diperiksa |
| -                       | -            | -         |

|                   |                 |
|-------------------|-----------------|
| JUDUL GAMBAR :    | No Lembar : 05  |
| STRIPMAPS RENCANA | Jml Lembar : 16 |
|                   | Skala : 1:1000  |

STRIPMAPS RENCANA



| LAJUR LALU LINTAS         | STA 2+000 | STA 2+200 | STA 2+400 | STA 2+600 | STA 2+800 | STA 2+900 | STA 3+000 |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| BETON FS' 4,5 MPA = 25 CM |           |           |           |           |           |           |           |
| BETON KURUS = 10 CM       |           |           |           |           |           |           |           |
| AGREGAT A = 15 CM         |           |           |           |           |           |           |           |
| AC - WC = 4 CM            |           |           |           |           |           |           |           |
| AC - BC = 6 CM            |           |           |           |           |           |           |           |

| BAHU JALAN                   | STA 2+000 | STA 2+200 | STA 2+400 | STA 2+600 | STA 2+800 | STA 3+000 |
|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| BETON FC' 20 MPA = 15 CM     |           |           |           |           |           |           |
| AGREGAT S = 10 CM            |           |           |           |           |           |           |
| DPT PASANGAN BATU KALI       |           |           |           |           |           |           |
| SALURAN PASANGAN BATU MORTAR |           |           |           |           |           |           |
| SALURAN DS-1A                |           |           |           |           |           |           |



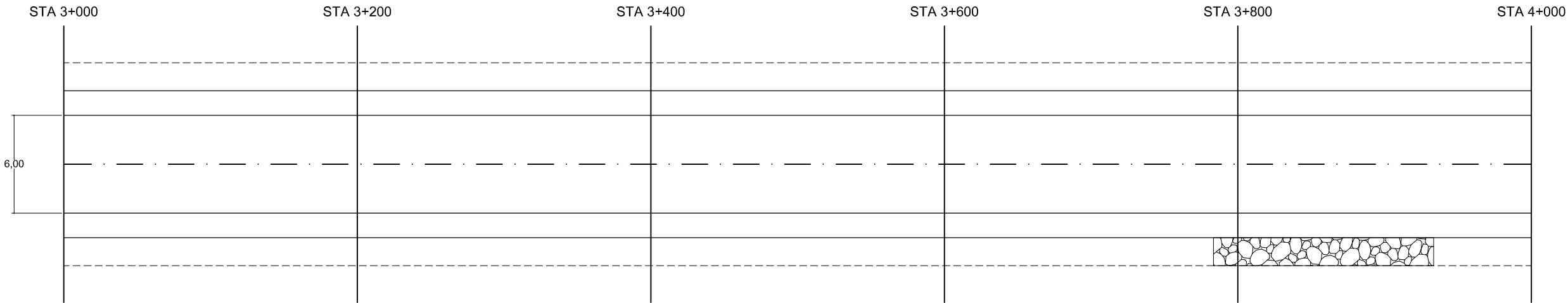
DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

|                                      |
|--------------------------------------|
| No. Ruas : 142                       |
| Nama Ruas : Jl. Ngadiluwih - Matesih |
| Kabupaten : Karanganyar              |
| Provinsi : Jawa Tengah               |

| CV BENGAWAN TJIPTA JAYA |              |           |
|-------------------------|--------------|-----------|
| Digambar                | Direncanakan | Diperiksa |
| -                       | -            | -         |

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|-------------------|-----------------|
| JUDUL GAMBAR :    | No Lembar : 06  |
| STRIPMAPS RENCANA | Jml Lembar : 16 |
|                   | Skala : 1:1000  |

STRIPMAPS RENCANA



| LAJUR LALU LINTAS         | STA 3+000 | STA 3+200 | STA 3+400 | STA 3+600 | STA 3+800 | STA 4+000 |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| BETON FS' 4,5 MPA = 25 CM |           |           |           |           |           |           |
| BETON KURUS = 10 CM       |           |           |           |           |           |           |
| AGREGAT A = 15 CM         |           |           |           |           |           |           |
| AC - WC = 4 CM            |           |           |           |           |           |           |
| AC - BC = 6 CM            |           |           |           |           |           |           |

| BAHU JALAN                   | STA 3+000 | STA 3+200 | STA 3+400 | STA 3+600 | STA 3+800 | STA 4+000 |
|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| BETON FC' 20 MPA = 15 CM     |           |           |           |           |           |           |
| AGREGAT S = 10 CM            |           |           |           |           |           |           |
| DPT PASANGAN BATU KALI       |           |           |           |           |           |           |
| SALURAN PASANGAN BATU MORTAR |           |           |           |           |           |           |
| SALURAN DS-1A                |           |           |           |           |           |           |



DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

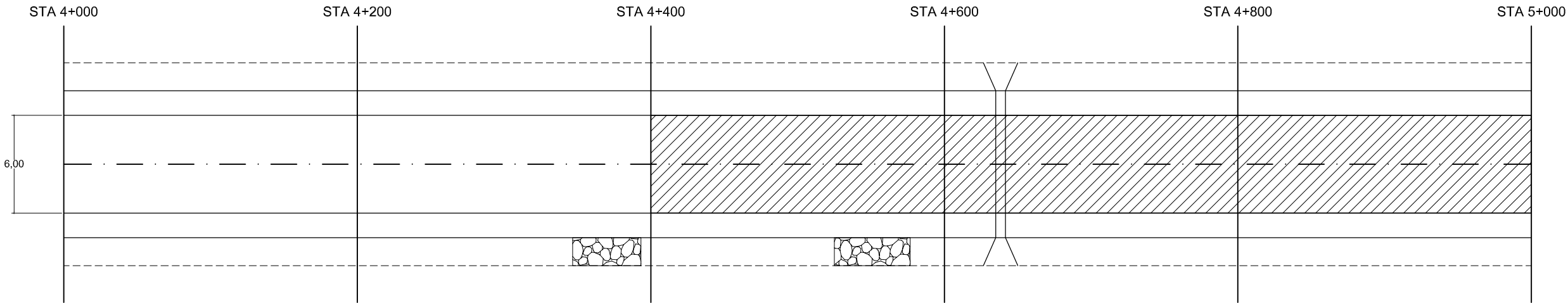
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| No. Ruas : 142                       |
| Nama Ruas : Jl. Ngadiluwih - Matesih |
| Kabupaten : Karanganyar              |
| Provinsi : Jawa Tengah               |



| CV BENGAWAN TJIPTA JAYA |              |           |
|-------------------------|--------------|-----------|
| Digambar                | Direncanakan | Diperiksa |
| -                       | -            | -         |

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|-------------------|-----------------|
| JUDUL GAMBAR :    | No Lembar : 07  |
| STRIPMAPS RENCANA | Jml Lembar : 16 |
|                   | Skala : 1:1000  |

STRIPMAPS RENCANA



| LAJUR LALU LINTAS         | STA 4+000 | STA 4+200 | STA 4+400 | STA 4+600 | STA 4+800 | STA 5+000 |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| BETON FS' 4,5 MPA = 25 CM |           |           |           |           |           |           |
| BETON KURUS = 10 CM       |           |           |           |           |           |           |
| AGREGAT A = 15 CM         |           |           |           |           |           |           |
| AC - WC = 4 CM            |           |           |           |           |           |           |
| AC - BC = 6 CM            |           |           |           |           |           |           |

| BAHU JALAN                   | STA 4+000 | STA 4+200 | STA 4+400 | STA 4+600 | STA 4+800 | STA 5+000 |
|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| BETON FC' 20 MPA = 15 CM     |           |           |           |           |           |           |
| AGREGAT S = 10 CM            |           |           |           |           |           |           |
| DPT PASANGAN BATU KALI       |           |           |           |           |           |           |
| SALURAN PASANGAN BATU MORTAR |           |           |           |           |           |           |
| SALURAN DS-1A                |           |           |           |           |           |           |



DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

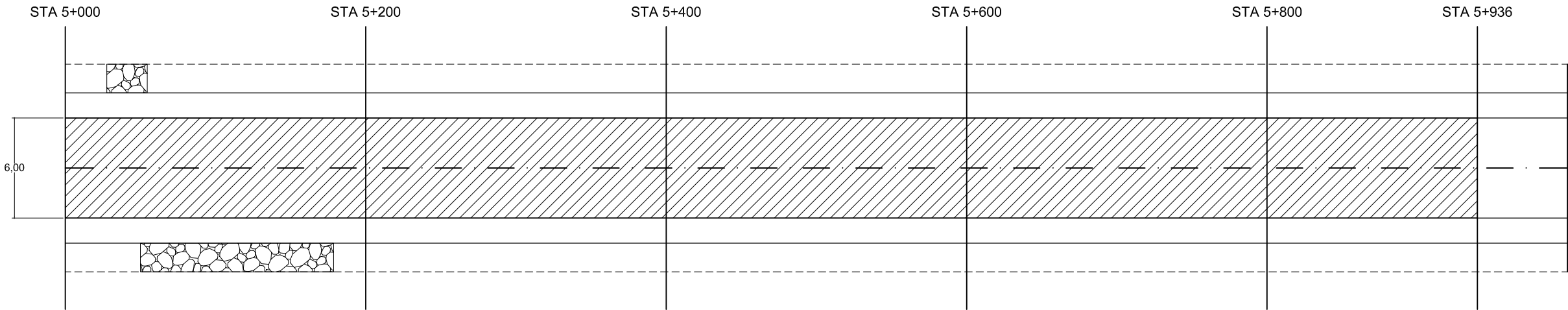
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|--------------------------------------|
| No. Ruas : 142                       |
| Nama Ruas : Jl. Ngadiluwih - Matesih |
| Kabupaten : Karanganyar              |
| Provinsi : Jawa Tengah               |



| CV BENGAWAN TJIPTA JAYA |              |           |
|-------------------------|--------------|-----------|
| Digambar                | Direncanakan | Diperiksa |
| -                       | -            | -         |

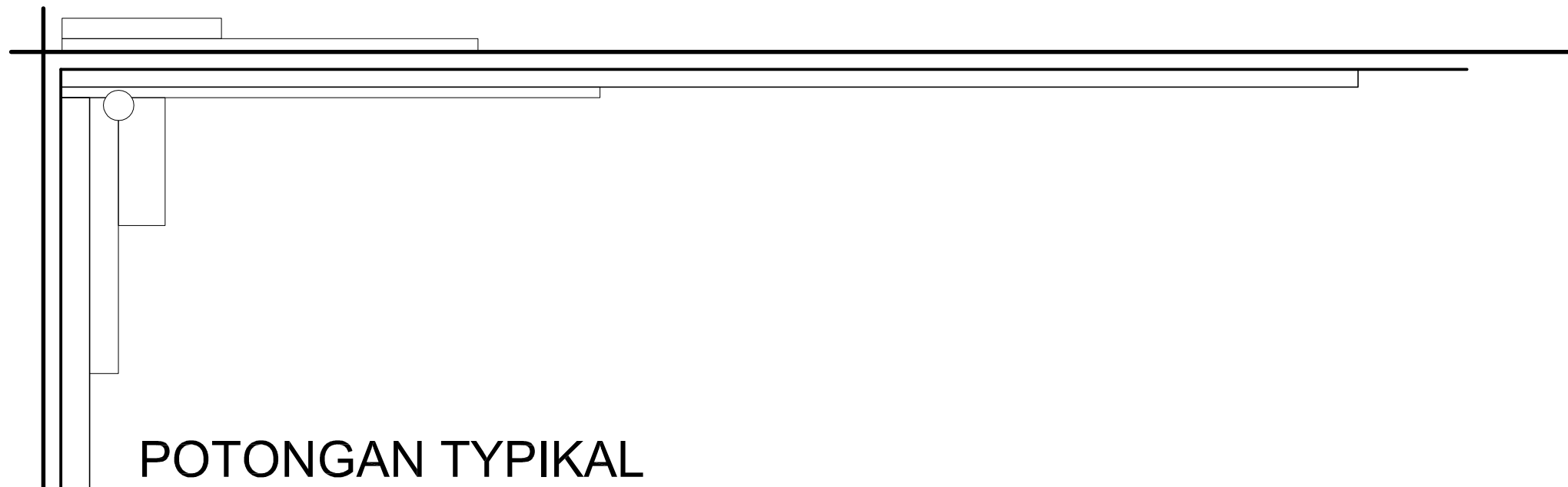
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|-------------------|-----------------|
| STRIPMAPS RENCANA | Jml Lembar : 16 |
|                   | Skala : 1:1000  |

STRIPMAPS RENCANA



| LAJUR LALU LINTAS         | STA 5+000 | STA 5+200 | STA 5+400 | STA 5+550 | STA 5+600 | STA 5+800 | STA 5+936 |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| BETON FS' 4,5 MPA = 25 CM |           |           |           |           |           |           |           |
| BETON KURUS = 10 CM       |           |           |           |           |           |           |           |
| AGREGAT A = 15 CM         |           |           |           |           |           |           |           |
| AC - WC = 4 CM            |           |           |           |           |           |           |           |
| AC - BC = 6 CM            |           |           |           |           |           |           |           |

| BAHU JALAN                   | STA 5+000 | STA 5+200 | STA 5+400 | STA 5+600 | STA 5+800 | STA 5+936 |
|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| BETON FC' 20 MPA = 15 CM     |           |           |           |           |           |           |
| AGREGAT S = 10 CM            |           |           |           |           |           |           |
| DPT PASANGAN BATU KALI       |           |           |           |           |           |           |
| SALURAN PASANGAN BATU MORTAR |           |           |           |           |           |           |
| SALURAN DS-1A                |           |           |           |           |           |           |



Rehabilitasi Ruas Jalan Ngadiluwih - Matesih (Ruas 142)

Kecamatan Matesih

Kabupaten Karanganyar



DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

|                                      |
|--------------------------------------|
| No. Ruas : 142                       |
| Nama Ruas : Jl. Ngadiluwih - Matesih |
| Kabupaten : Karanganyar              |
| Provinsi : Jawa Tengah               |

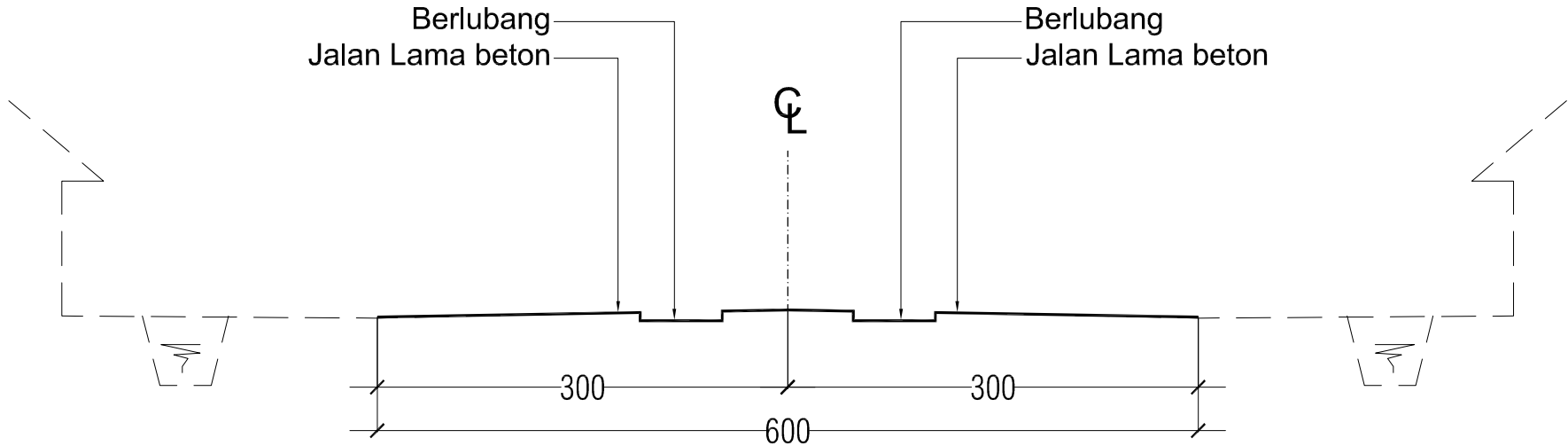


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| Digambar                | Direncanakan | Diperiksa |
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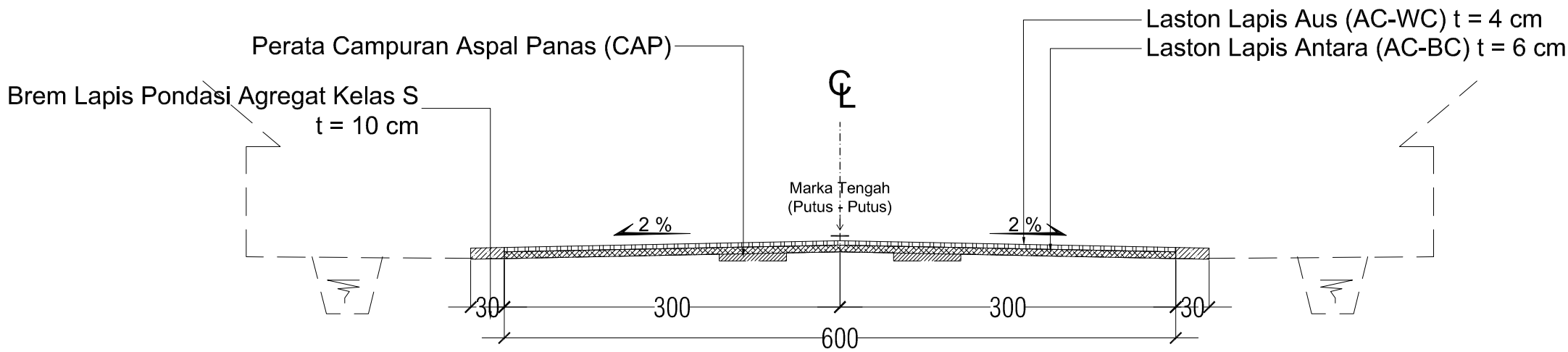
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| JUDUL GAMBAR :             |
| TYPIKAL POTONGAN PEKERJAAN |

|                 |
|-----------------|
| No Lembar : 09  |
| Jml Lembar : 16 |
| Skala : 1:50    |

TYPIKAL POTONGAN MELINTANG  
STA 4+400 - 5+400

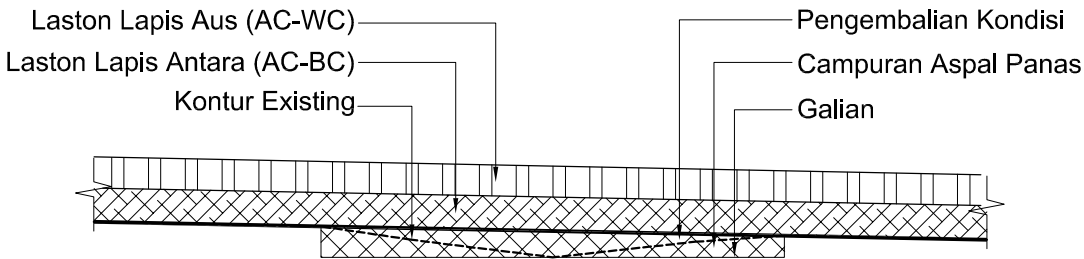


POT. EXISTING TYPIKAL  
Skala 1 : 50



POT. RENCANA TYPIKAL  
Skala 1 : 50

DETAIL KONSTRUKSI





DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

|                                      |
|--------------------------------------|
| No. Ruas : 142                       |
| Nama Ruas : Jl. Ngadiluwih - Matesih |
| Kabupaten : Karanganyar              |
| Provinsi : Jawa Tengah               |

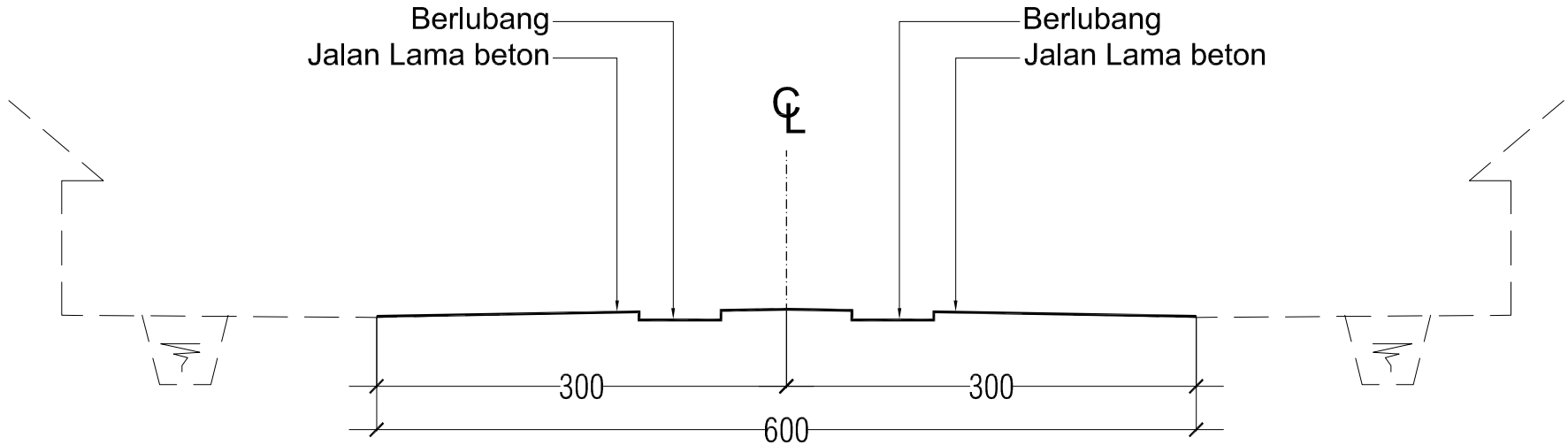


| CV BENGAWAN TJIPTA JAYA |              |           |
|-------------------------|--------------|-----------|
| Digambar                | Direncanakan | Diperiksa |
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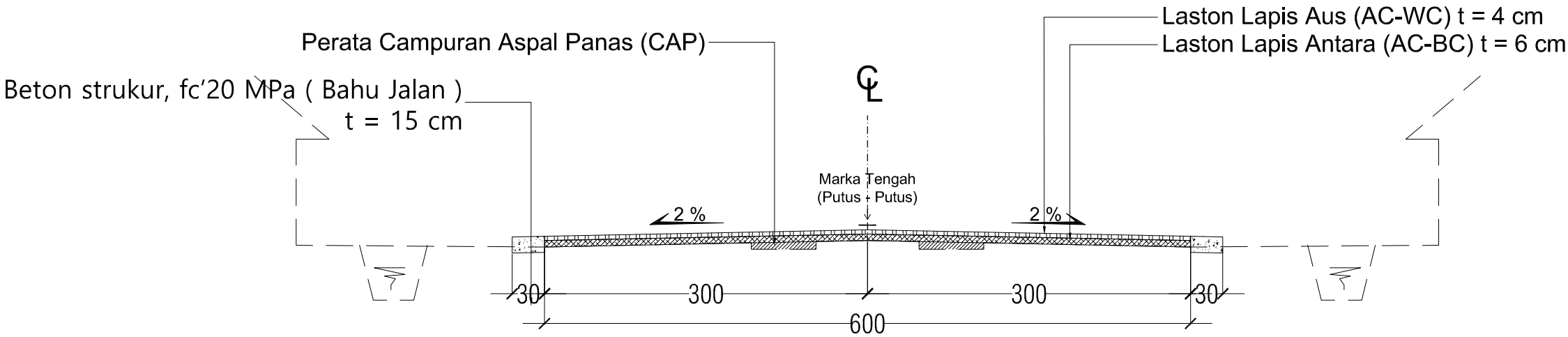
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| JUDUL GAMBAR :             |
| TYPIKAL POTONGAN PEKERJAAN |

|                 |
|-----------------|
| No Lembar : 10  |
| Jml Lembar : 16 |
| Skala : 1:50    |

TYPIKAL POTONGAN MELINTANG  
STA 5+400 - 5+936

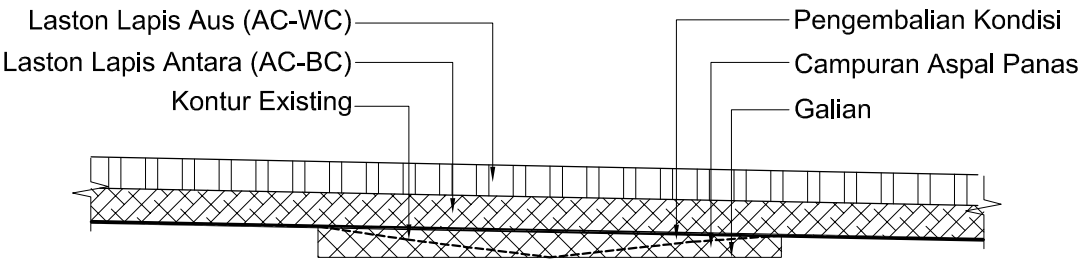


POT. EXISTING TYPIKAL  
Skala 1 : 50



POT. RENCANA TYPIKAL  
Skala 1 : 50

DETAIL KONSTRUKSI





No. Ruas : 142

Nama Ruas : Jl. Ngadiluwih - Matesih

Kabupaten : Karanganyar

Provinsi : Jawa Tengah

CV BENGAWAN TJIPTA JAYA

Digambar

Direncanakan

Diperiksa

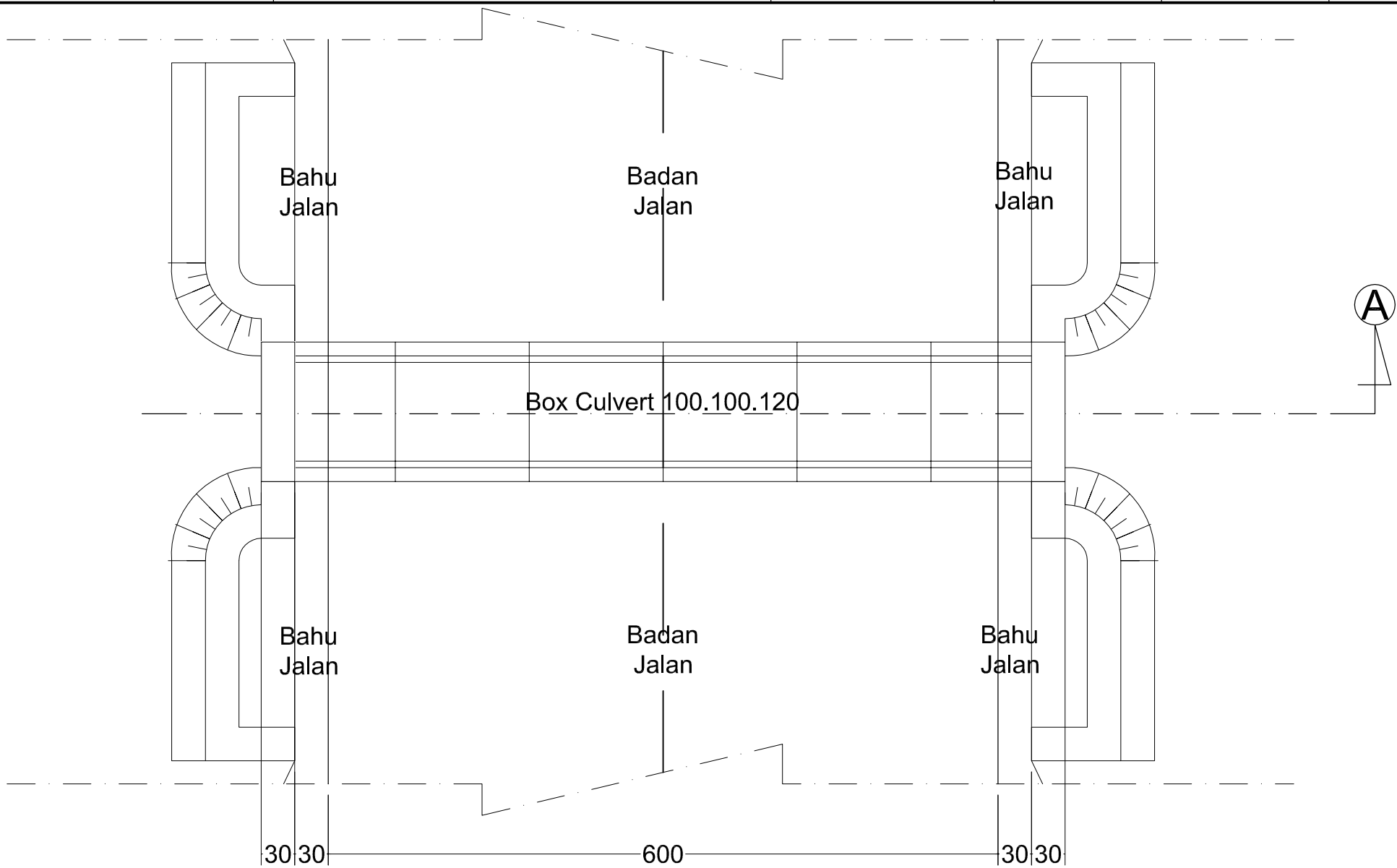
JUDUL GAMBAR :

## DETAIL BOX CULVERT

No Lembar : 11

Jml Lembar : 16

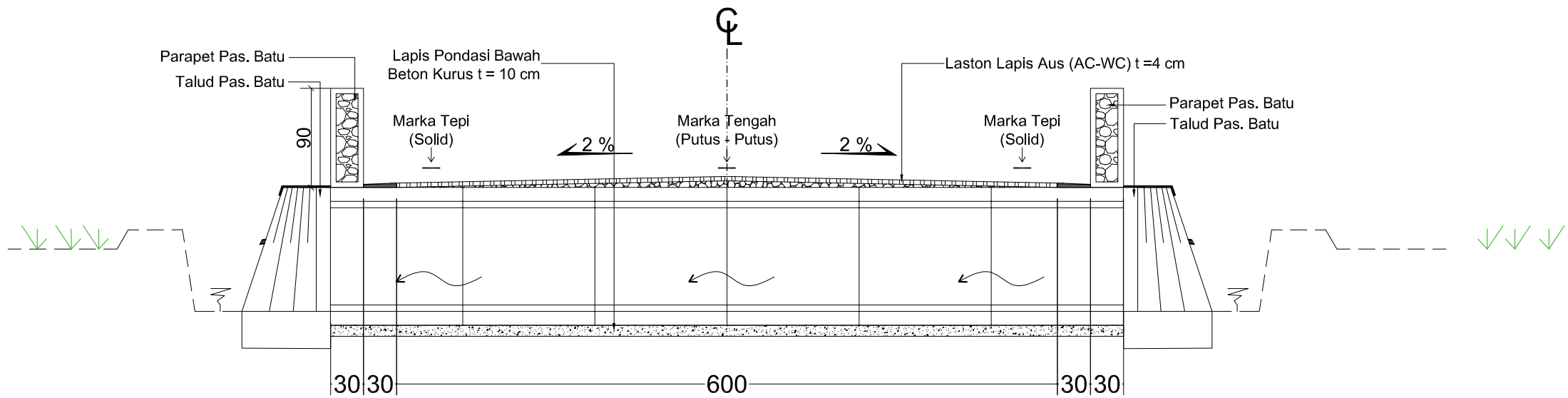
Skala : 1:50



## RENCANA BOX CULVERT

STA 1+346

RENC. BOX CULVERT  
SKALA 1 : 50



## POTONGAN A

SKALA 1 : 50



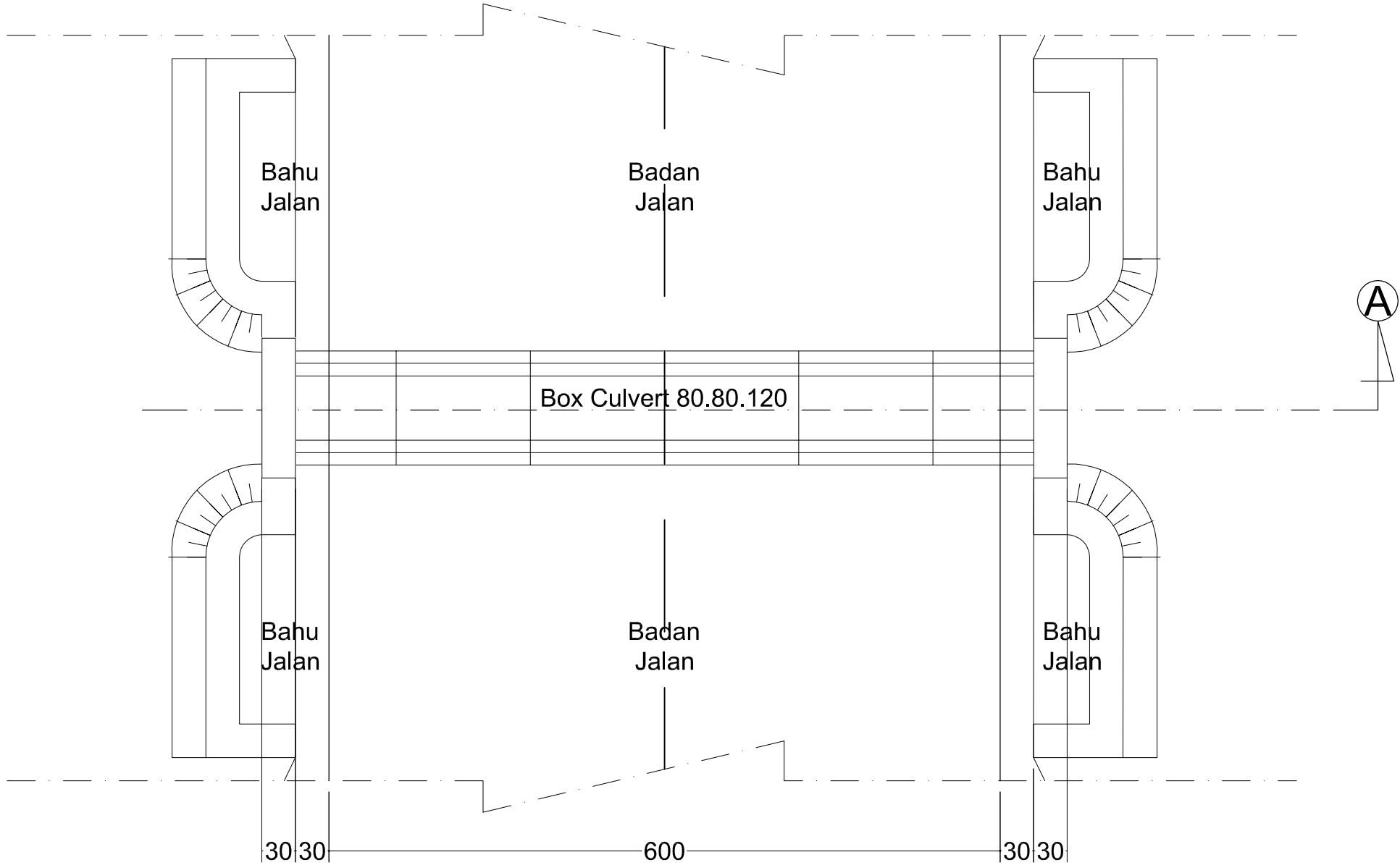


DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

|                                      |
|--------------------------------------|
| No. Ruas : 142                       |
| Nama Ruas : Jl. Ngadiluwih - Matesih |
| Kabupaten : Karanganyar              |
| Provinsi : Jawa Tengah               |

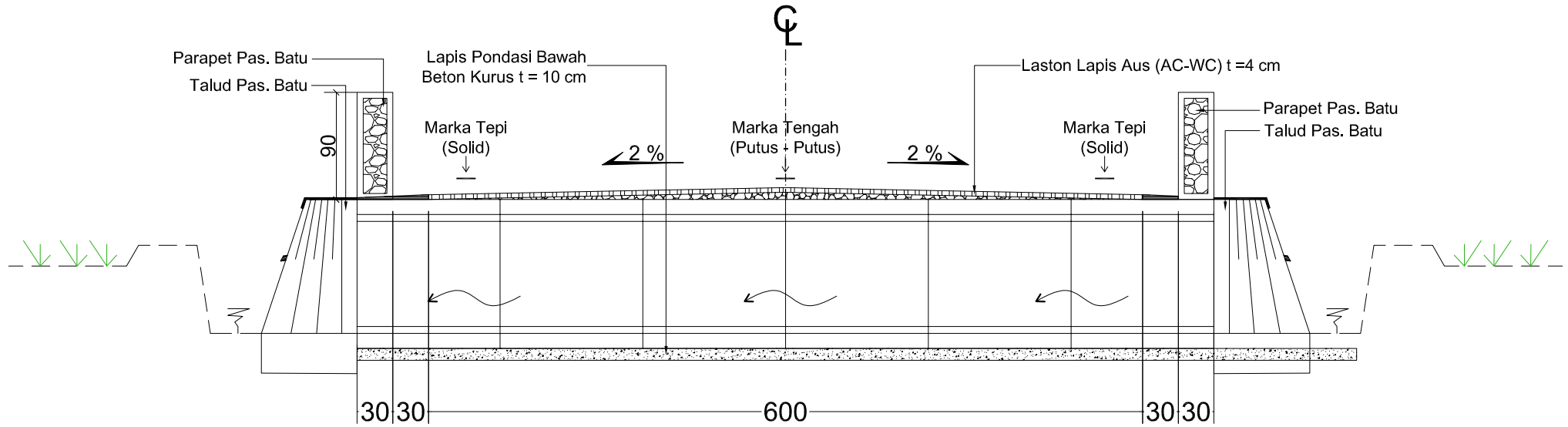
| CV BENGAWAN TJIPTA JAYA |              |           |
|-------------------------|--------------|-----------|
| Digambar                | Direncanakan | Diperiksa |
|                         |              |           |

|                    |                 |
|--------------------|-----------------|
| JUDUL GAMBAR :     | No Lembar : 12  |
| DETAIL BOX CULVERT | Jml Lembar : 16 |
|                    | Skala : 1:50    |



|                     |
|---------------------|
| RENCANA BOX CULVERT |
| STA 1+610           |
| STA 4+631           |

RENC. BOX CULVERT  
SKALA 1 : 50



POTONGAN A  
SKALA 1 : 50



DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

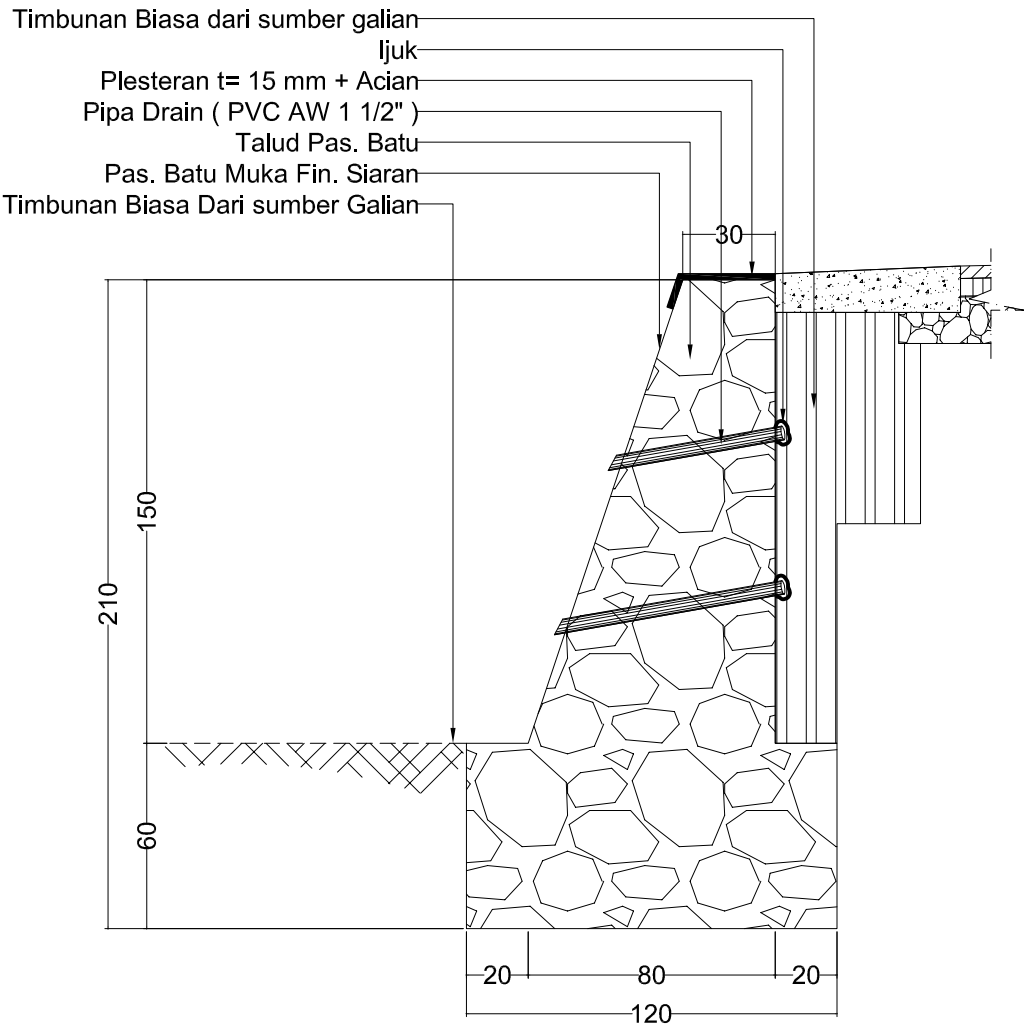
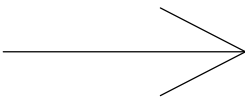
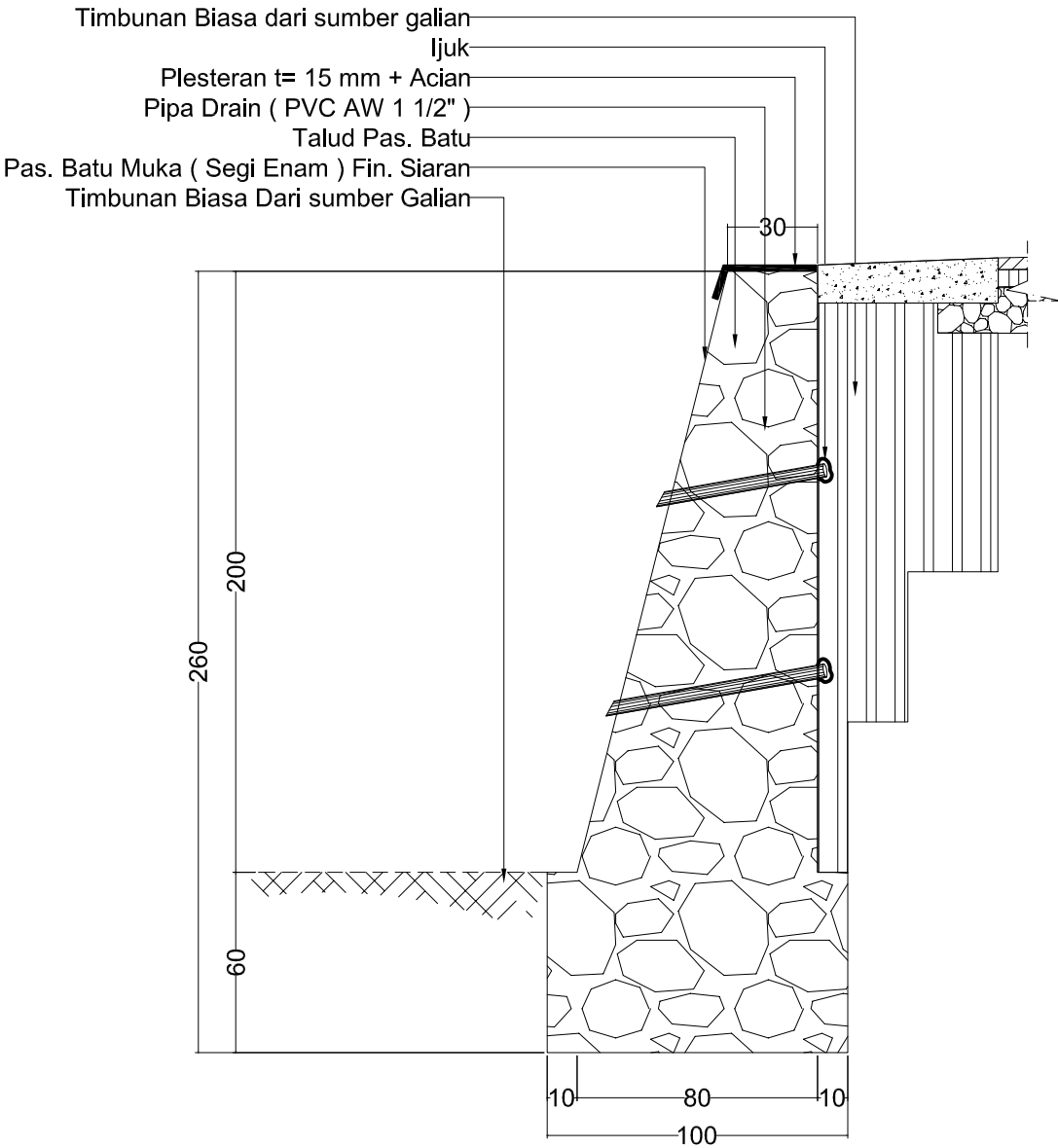
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|--------------------------------------|
| No. Ruas : 142                       |
| Nama Ruas : Jl. Ngadiluwih - Matesih |
| Kabupaten : Karanganyar              |
| Provinsi : Jawa Tengah               |



| CV BENGAWAN TJIPTA JAYA |              |           |
|-------------------------|--------------|-----------|
| Digambar                | Direncanakan | Diperiksa |
| -                       | -            | -         |

|                            |                 |
|----------------------------|-----------------|
| JUDUL GAMBAR :             | No Lembar : 13  |
| DETAIL TALUD PASANGAN BATU | Jml Lembar : 16 |
|                            | Skala : 1 : 25  |

POTONGAN TYPICAL TPT  
STA 0+053 - 0+098 (SISI KIRI)



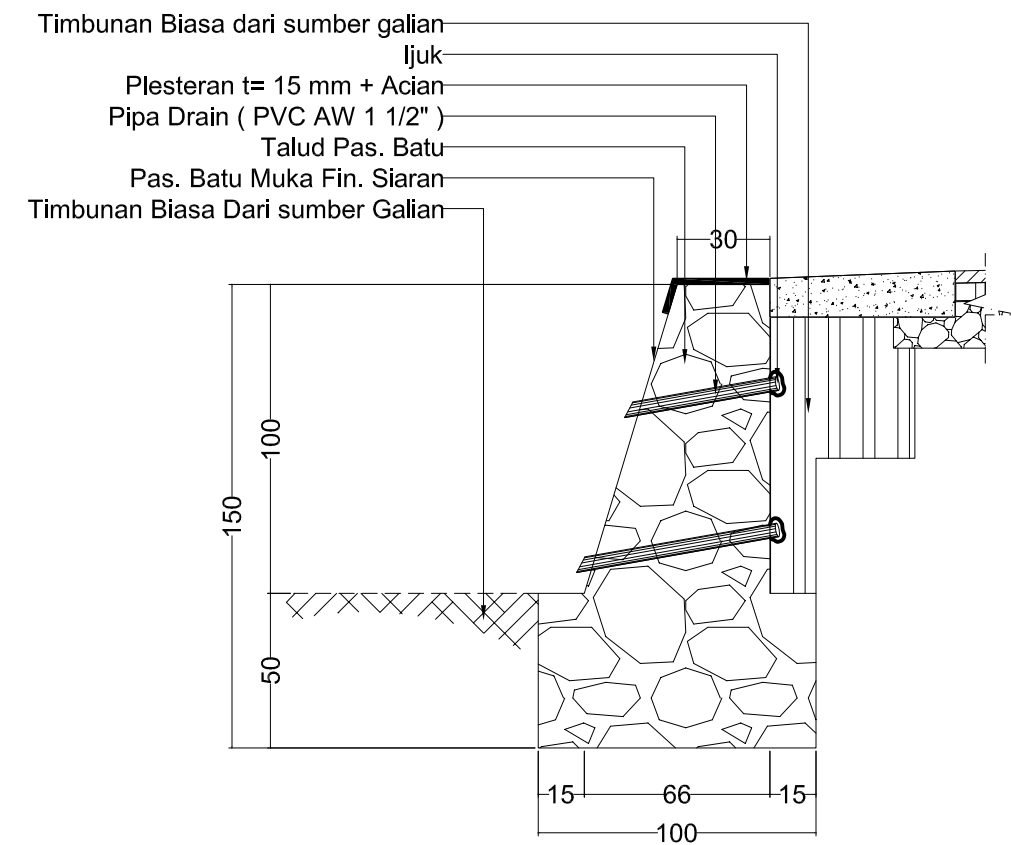


Provinsi : Jawa Tengah



### DETAIL TALUD PASANGAN BATU

|       |   |        |
|-------|---|--------|
| Skala | : | 1 : 25 |
|-------|---|--------|





DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

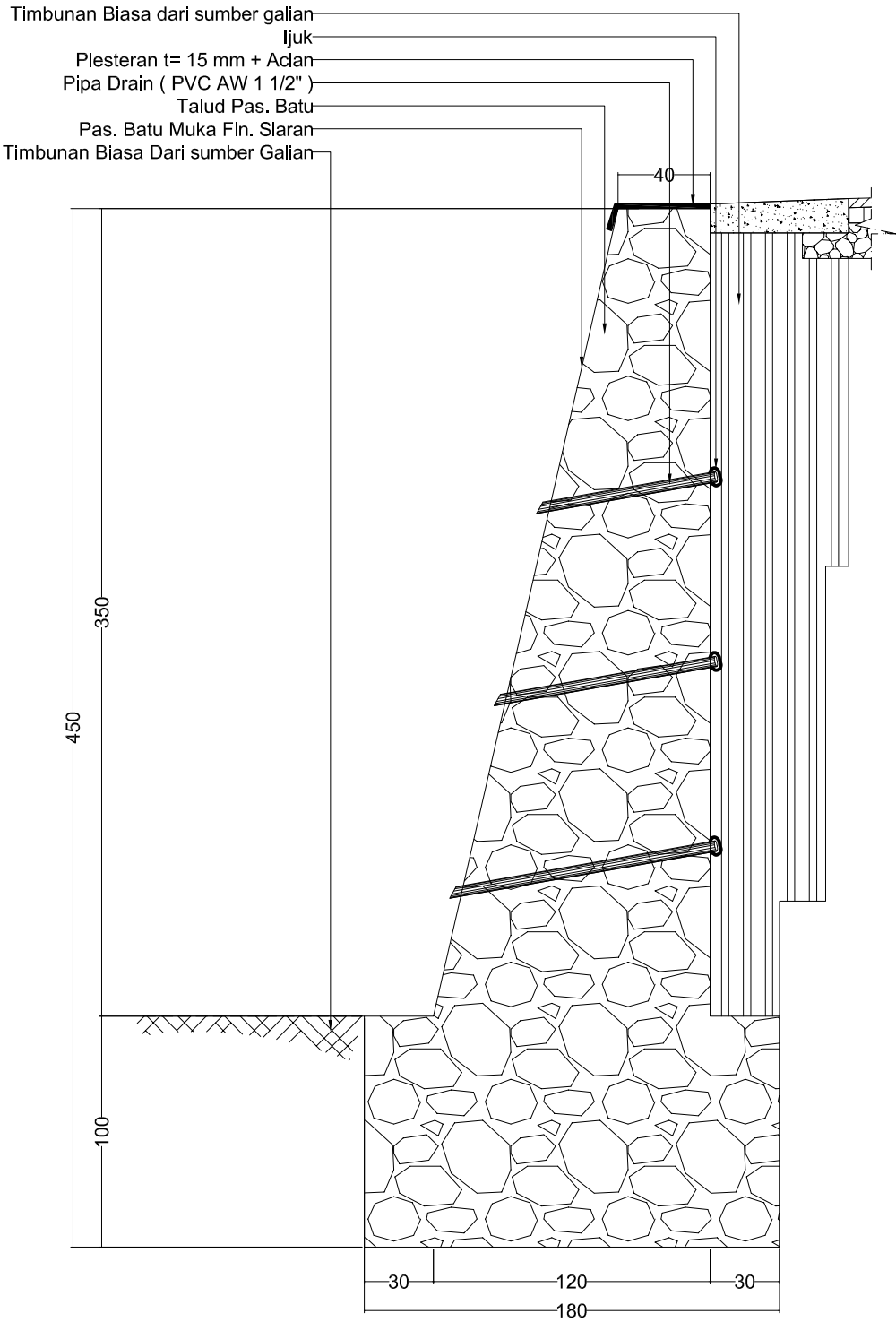
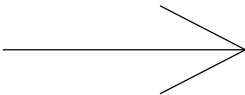
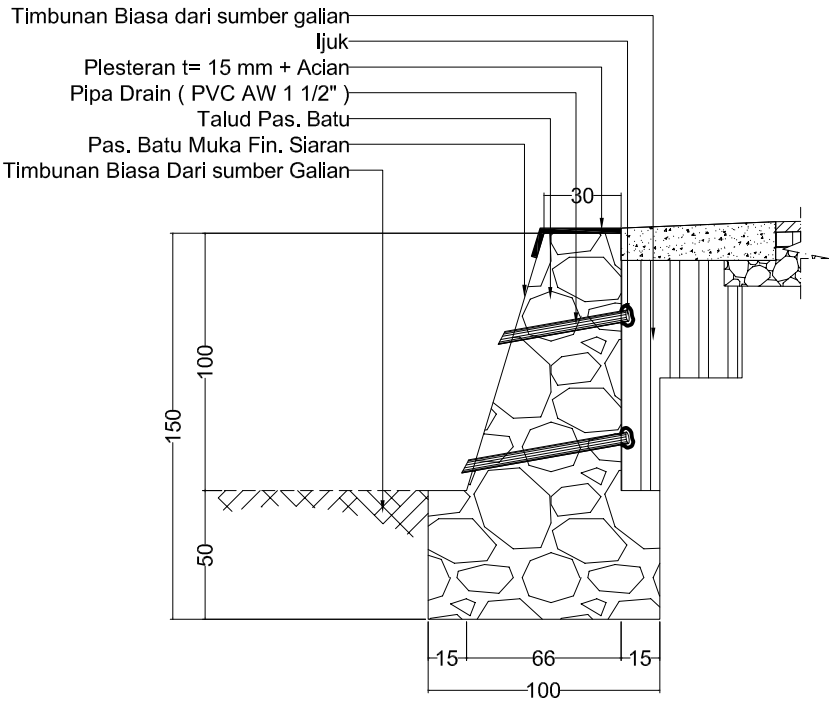
|                                      |
|--------------------------------------|
| No. Ruas : 142                       |
| Nama Ruas : Jl. Ngadiluwih - Matesih |
| Kabupaten : Karanganyar              |
| Provinsi : Jawa Tengah               |



| CV BENGAWAN TJIPTA JAYA |              |           |
|-------------------------|--------------|-----------|
| Digambar                | Direncanakan | Diperiksa |
| -                       | -            | -         |

|                            |                 |
|----------------------------|-----------------|
| JUDUL GAMBAR :             | No Lembar : 15  |
| DETAIL TALUD PASANGAN BATU | Jml Lembar : 16 |
|                            | Skala : 1 : 30  |

POTONGAN TYPICAL TPT  
STA 2+450 - 2+515 (SISI KIRI)





DINAS PEKERJAAN UMUM  
DAN PERUMAHAN RAKYAT  
KABUPATEN KARANGANYAR

No. Ruas : 142

Nama Ruas : Jl. Ngadiluwih - Matesih

Kabupaten : Karanganyar

Provinsi : Jawa Tengah

CV BENGAWAN TJIPTA JAYA



Digambar

Direncanakan

Diperiksa

JUDUL GAMBAR :

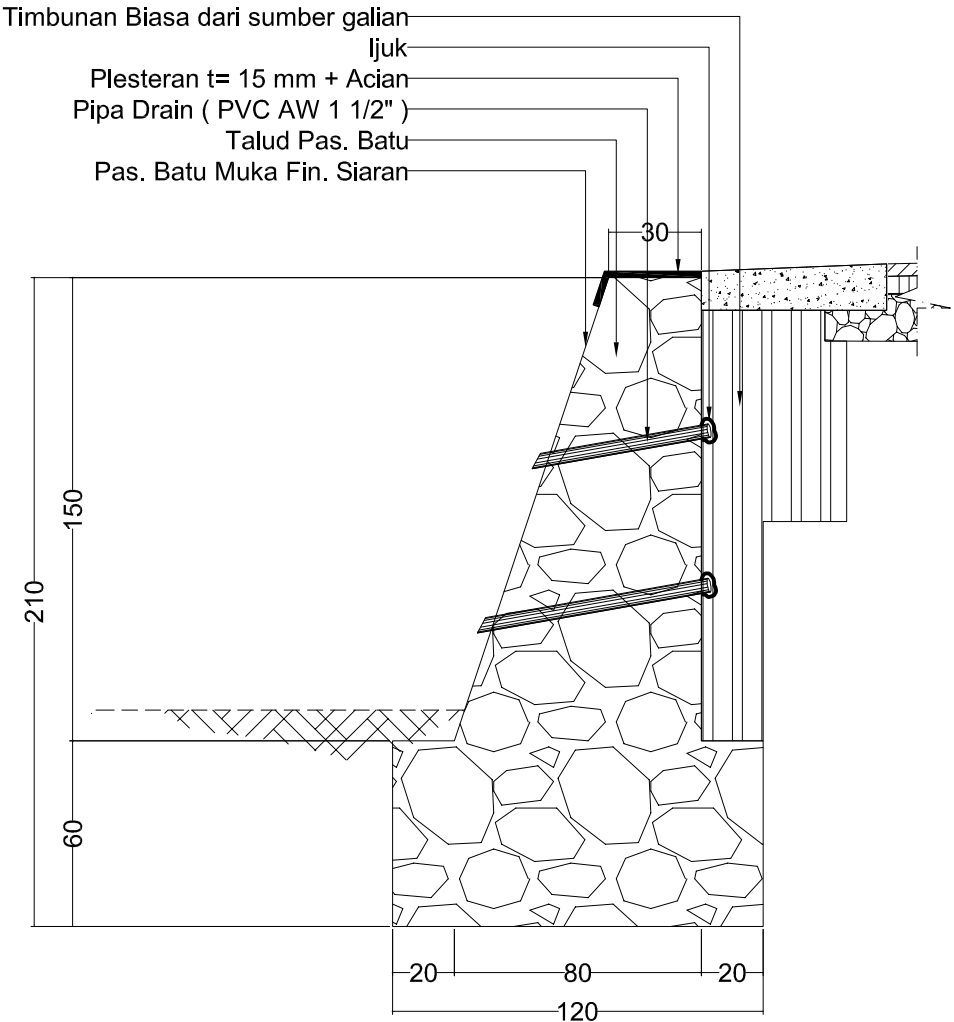
DETAIL TALUD PASANGAN BATU

No Lembar : 16

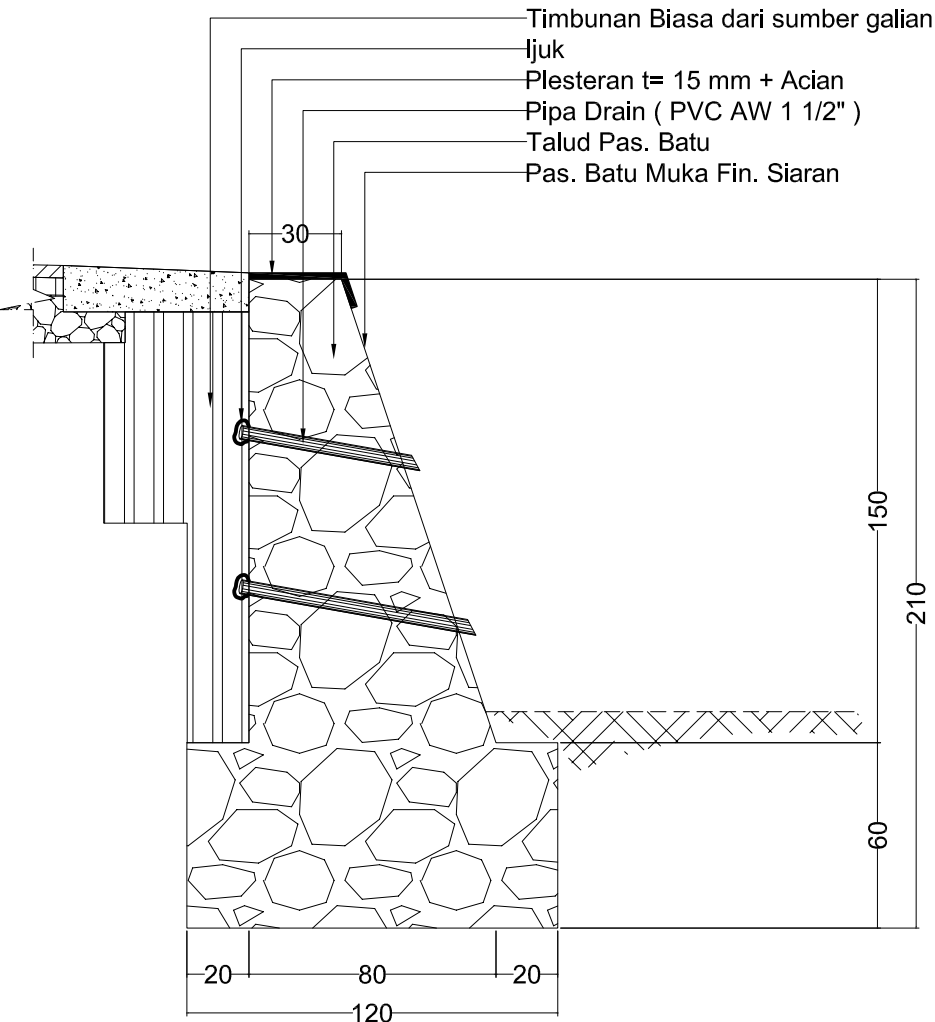
Jml Lembar : 16

Skala : 1 : 25

POTONGAN TYPICAL TPT  
STA 5+039 - 5+069 (SISI KIRI)



POTONGAN TYPICAL TPT  
STA 0+464 - 0+656 (SISI KANAN)  
STA 0+900 - 1+045 (SISI KANAN)  
STA 1+225 - 1+340 (SISI KANAN)  
STA 3+785 - 3+930 (SISI KANAN)  
STA 4+342 - 4+393 (SISI KANAN)  
STA 4+525 - 4+565 (SISI KANAN)



POTONGAN TYPICAL TPT  
STA 5+050 - 5+283 (SISI KANAN)

