



KEMENDIKBUD RISTEK  
**UNIVERSITAS DIPONEGORO**  
JL. Prof. H. SOEDHARTO. SH - TEMBALANG  
SEMARANG

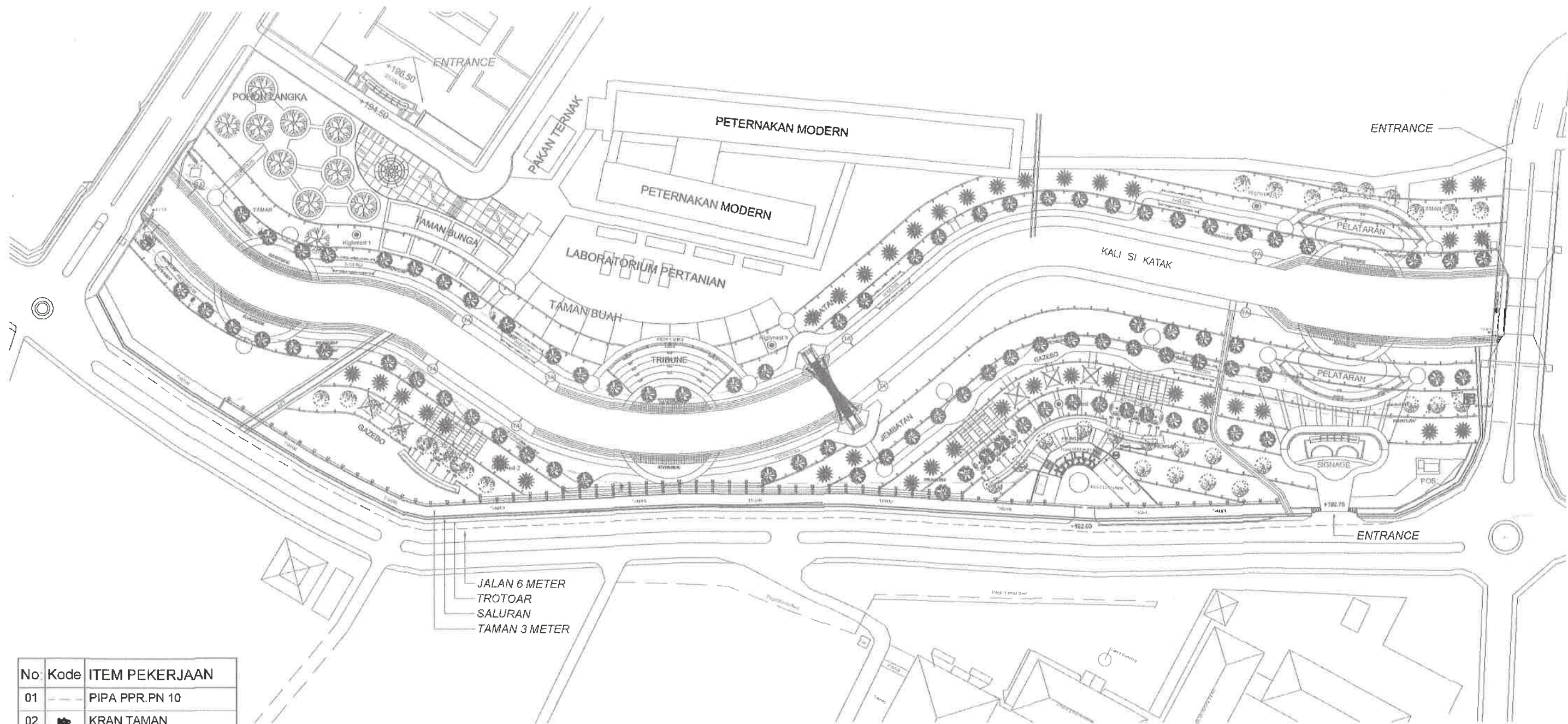


DOKUMEN GAMBAR DED  
**REVIEW DESAIN EDUPARK**  
**(RUAS LAB TERPADU - JEMBATAN SIKATAK)**  
**UNIVERSITAS DIPONEGORO**

TAHUN 2024

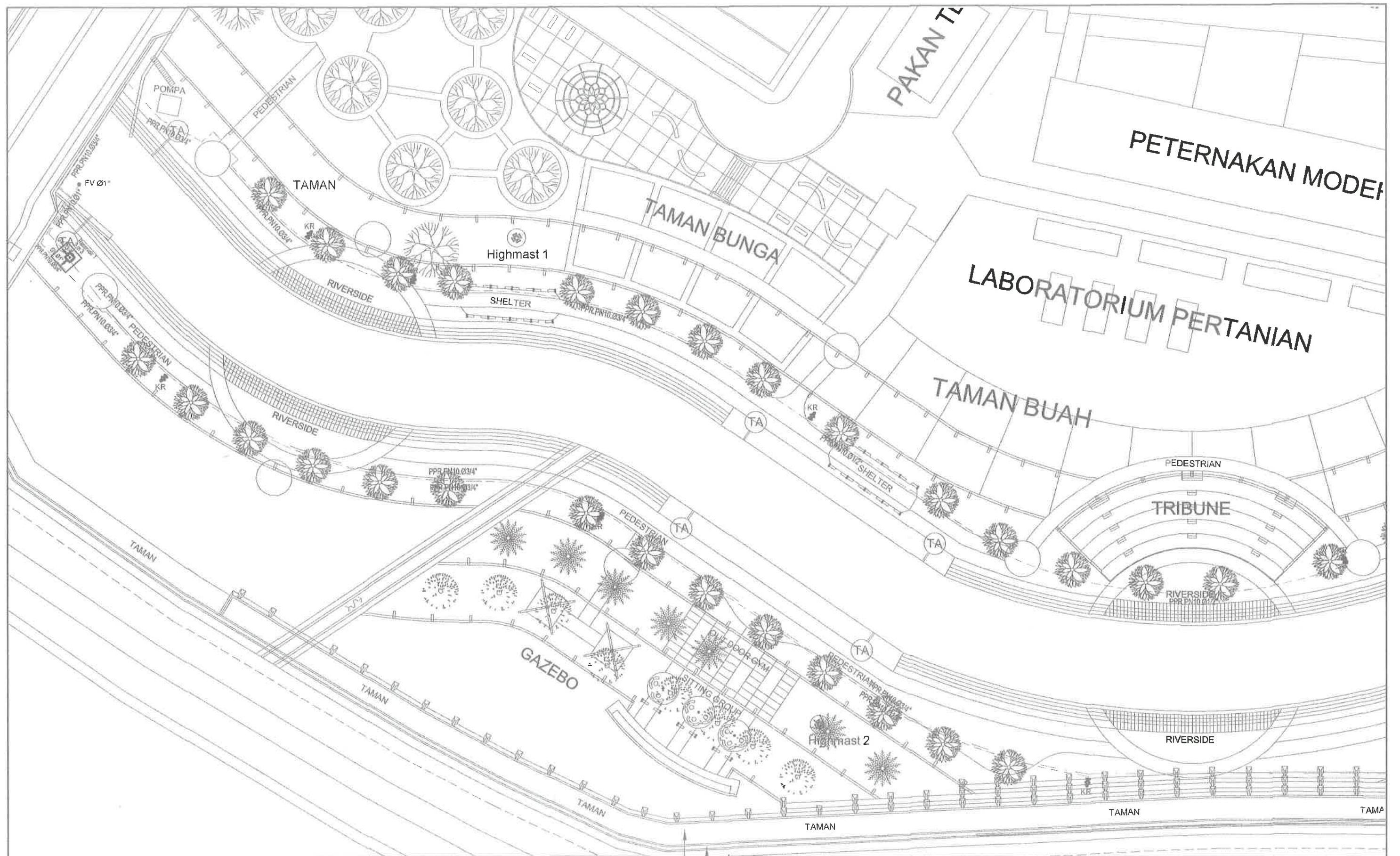
| NO: | KODE     | JUDUL GAMBAR                            | SKALA    |
|-----|----------|-----------------------------------------|----------|
| PLB | PLUMBING |                                         |          |
|     | PLB - 01 | INSTALASI SIRAM TAMAN SITEPLAN          | 1 : 1250 |
|     | PLB - 02 | INSTALASI SIRAM TAMAN SITEPLAN ZONA 1   | 1 : 500  |
|     | PLB - 03 | INSTALASI SIRAM TAMAN SITEPLAN ZONA 2   | 1 : 500  |
|     | PLB - 04 | INSTALASI SIRAM TAMAN PP-POMPA.1        | 1 : 100  |
|     | PLB - 05 | INSTALASI SIRAM TAMAN PP-POMPA.2        | 1 : 100  |
|     | PLB - 06 | DETAIL R.POMPA                          | 1 : 50   |
|     | PLB - 07 | DETAIL PEMASANGAN KRAN TAMAN            | 1 : 10   |
|     | PLB - 08 | INSTALASI AIR BERSIH AREA TOILET        | 1 : 75   |
|     | PLB - 09 | INSTALASI AIR KOTOR & BEKAS AREA TOILET | 1 : 75   |
|     | PLB - 10 | DIAGRAM SISTEM AIRBERSIH SITEPLAN       | NTS      |
|     | PLB - 11 | DIAGRAM SISTEM SIRAM TAMAN              | NTS      |
|     |          |                                         |          |

| <div></div> <div>KEMENDIKBUD RISTEK<br/>UNIVERSITAS DIPONEGORO<br/>Jl. Prof. H. SOEDHARTO, SH - TEMBALANG<br/>SEMARANG</div> | KEGIATAN                                                                                                   | MENGETAHUI / MENSETUJUI                                        | KETUA TIM TEKNIS                                           | KONSULTAN PERENCANA                                                                                                                                                                               |                               |  | JUDUL GAMBAR              |      |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--|---------------------------|------|------------|
|                                                                                                                                                                                                                 | PEKERJAAN                                                                                                  | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN  |                                                            | <div><div>CV. Stupa Ing<br/>Jl. Prasetya Indah VI / 70 - Semarang<br/>Email : stopaing@yahoo.com</div></div> |                               |  | DAFTAR GAMBAR<br>PLUMBING |      |            |
|                                                                                                                                                                                                                 | REVIEW DESAIN EDUPARK<br>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br>UNIVERSITAS DIPONEGORO<br><br>TAHUN 2024 | Ari Eko Widyantoro, S.T., M.Si.<br>NIP. 1975 1017 200312 1 004 | Dr.Ir. Agung Dwiyanto, MSA.<br>NIP. 1962 0110 198902 1 001 | Arsitek                                                                                                                                                                                           | Ir. Purwanto                  |  | SKALA                     | KODE | NO. LEMBAR |
|                                                                                                                                                                                                                 |                                                                                                            |                                                                |                                                            | Sipil                                                                                                                                                                                             | Hartanto Wahyu Sasongko ST,MT |  |                           |      |            |
|                                                                                                                                                                                                                 |                                                                                                            |                                                                |                                                            | Mekanikal /                                                                                                                                                                                       |                               |  | NTS                       |      | PLB-00     |

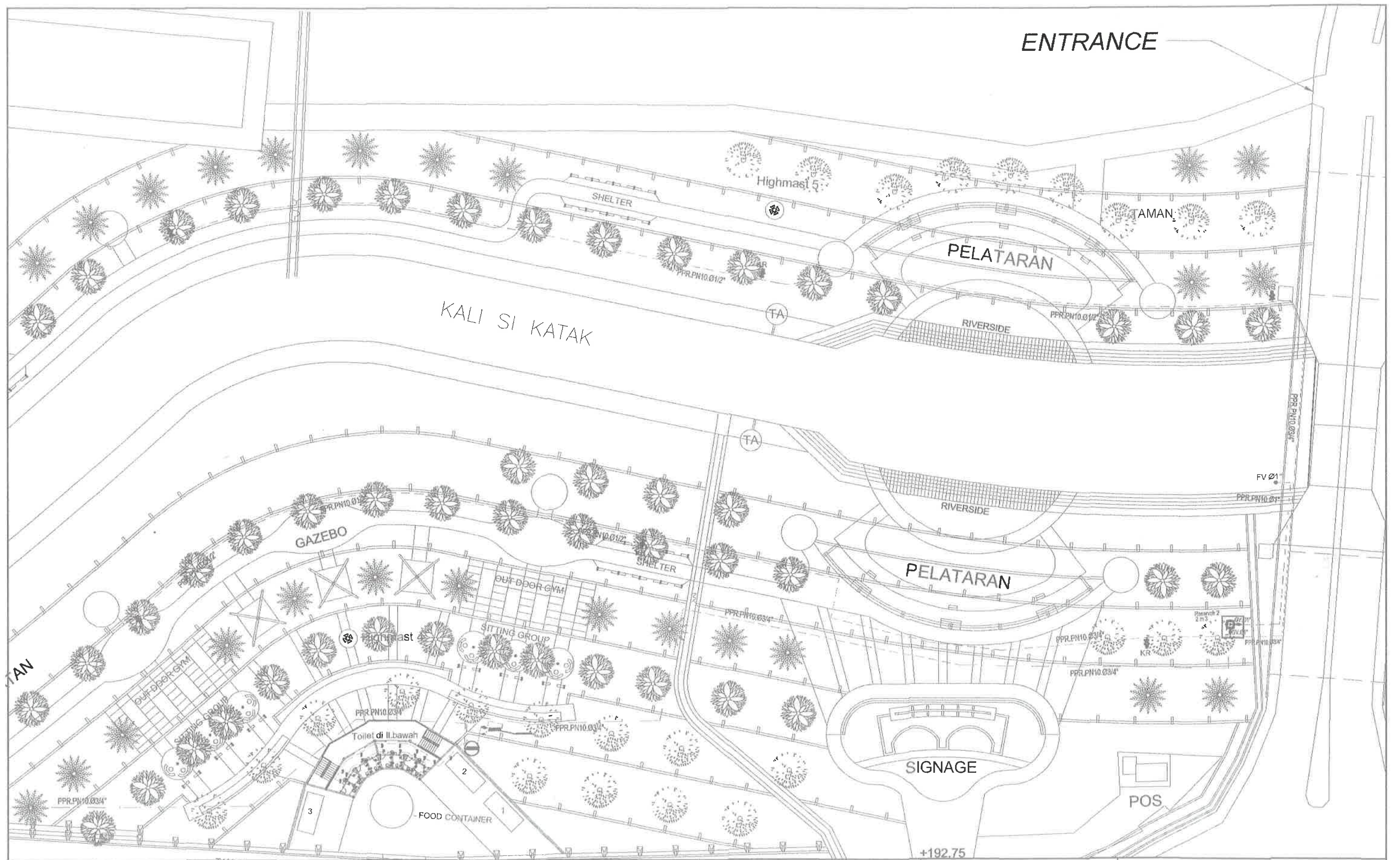


| No | Kode | ITEM PEKERJAAN     |
|----|------|--------------------|
| 01 | ---  | PIPA PPR.PN 10     |
| 02 | ⬮    | KRAN TAMAN         |
| 03 | ⬮    | POMPA TRANSFER     |
| 04 | ⬮    | TANDON / RESERVOIR |
| 05 | ⬮    | HEADER             |
| 06 | ⬮    | GATE VALVE         |

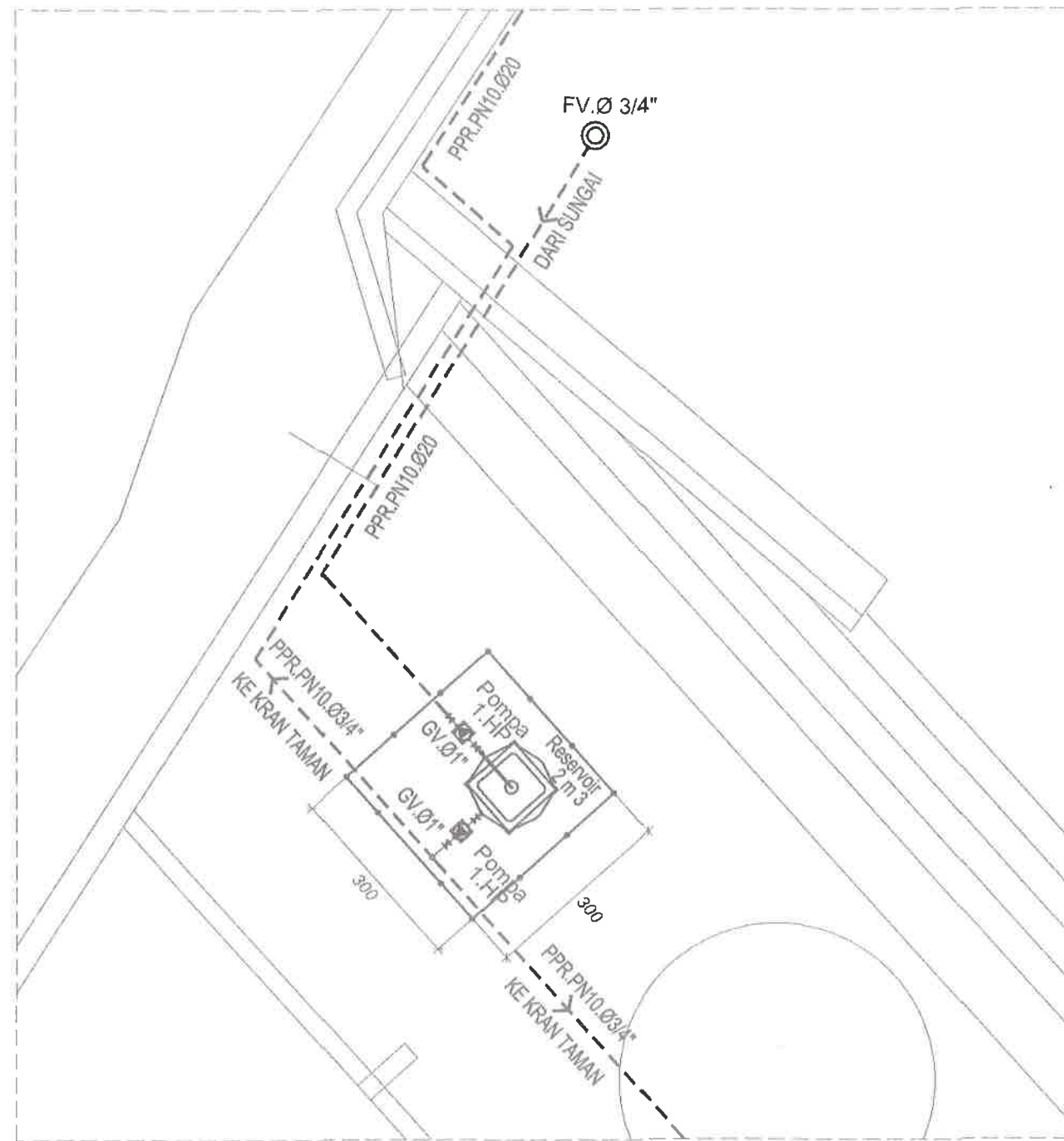
RENCANA  
SITE PLAN  
SKALA 1 : 1250



| <br>KEMENDIKBUD RISTEK<br>UNIVERSITAS DIPONEGORO<br>JL. Prof. H. SOEDHARTO, SH - TEMBALANG<br>SEMARANG | KEGIATAN                                                                                                                    | MENGETAHUI / MENSETUJUI                                                                                                             | KETUA TIM TEKNIS                                           | KONSULTAN PERENCANA                                                                                                                                                                                                                                                          | JUDUL GAMBAR                             |      |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------|------------|
|                                                                                                                                                                                           | PEKERJAAN<br><br>REVIEW DESAIN EDUPARK<br>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br>UNIVERSITAS DIPONEGORO<br><br>TAHUN 2024 | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN<br><br>Ari Eko Widyantoro, S.T., M.Si.<br>NIP. 1975 1017 200312 1 004 | Dr.Ir. Agung Dwiyanto, MSA.<br>NIP. 1962 0110 198902 1 001 | <br><b>CV. Stupa Ing</b><br>Jl. Prasetya Indah VI / 70 - Semarang<br>Email : stupaing@yahoo.com<br><br>Arsitek / Ir. Purwanto<br>Sipil / Hartanto Wahyu Sasongko, ST, MT<br>Mekanikal / | INSTALASI SIRAM TAMAN<br>SITEPLAN ZONA 1 |      |            |
|                                                                                                                                                                                           |                                                                                                                             |                                                                                                                                     |                                                            |                                                                                                                                                                                                                                                                              | SKALA                                    | KODE | NO. LEMBAR |
|                                                                                                                                                                                           |                                                                                                                             |                                                                                                                                     |                                                            |                                                                                                                                                                                                                                                                              | 1 : 500                                  |      | PLB-02     |

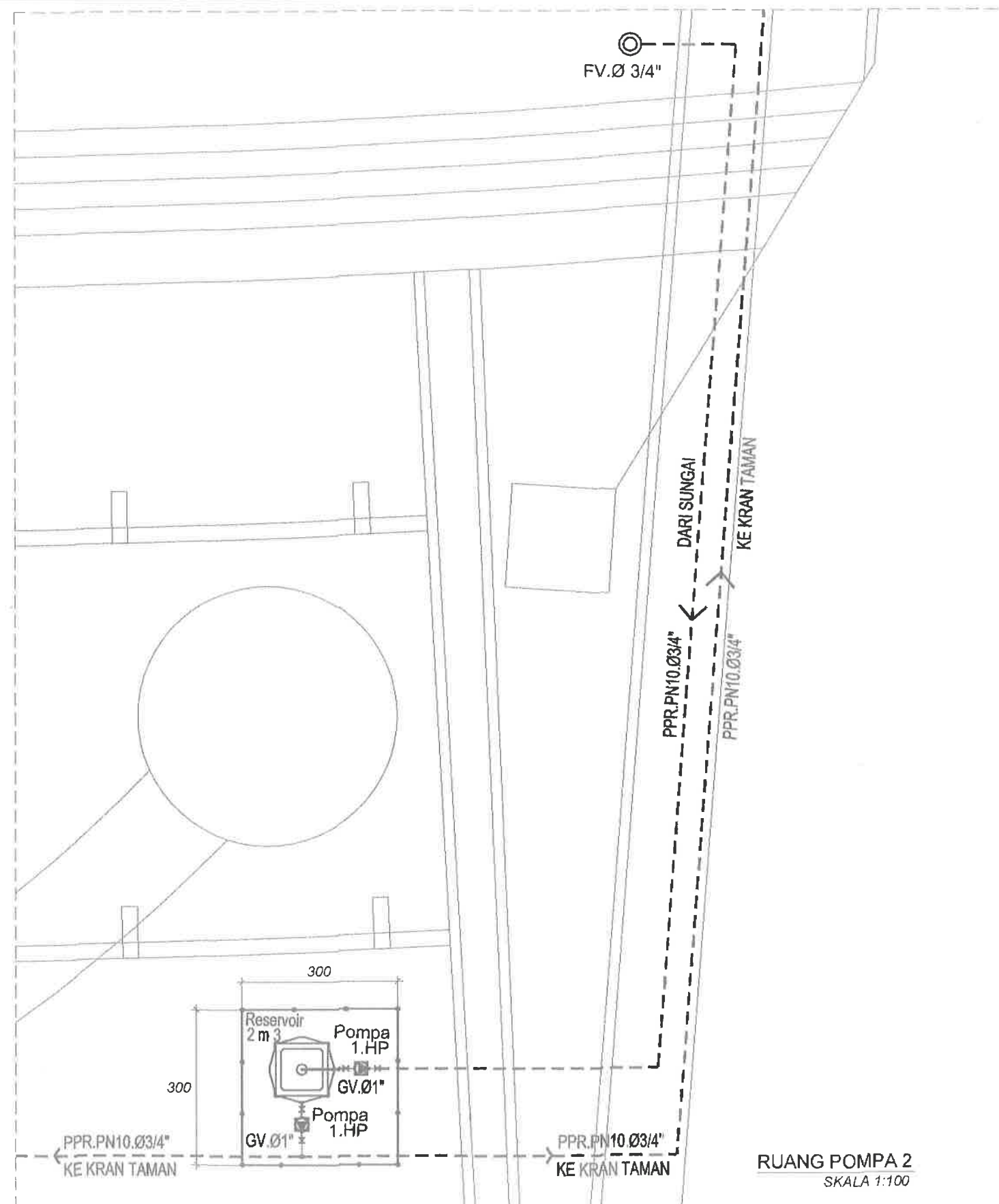


| KEGIATAN                                                                                                                                                                                                | MENGETAHUI / MENSETUJUI                                                                                                                     | KETUA TIM TEKNIS                                                                                                                            | KONSULTAN PERENCANA                                                | JUDUL GAMBAR                                                                                                                                                                              |                                                                                  |                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------|
|  <p>KEMENDIKBUD RISTEK<br/><b>UNIVERSITAS DIPONEGORO</b><br/>Jl. Prof. H. SOEDHARTO, SH - TEMBALANG<br/>SEMARANG</p> | <p>PEKERJAAN</p> <p><b>REVIEW DESAIN EDUPARK<br/>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br/>UNIVERSITAS DIPONEGORO</b></p> <p>TAHUN 2024</p> | <p>ATAS NAMA KUASA PENGGUNA ANGGARAN<br/>PEJABAT PEMBUAT KOMITMEN</p> <p>Dr. Eko Widyantoro, S.T., M.Si<br/>NIP. 1975 1017 200312 1 004</p> | <p>Dr. Ir. Agung Dwiyanto, MSA<br/>NIP. 1962 0110 198902 1 001</p> | <p><b>CV. Stupa Ing</b><br/>Jl. Praseja Indah VI / 70 - Semarang<br/>Email : stupeing@yahoo.com</p> <p>Arsitek : Ir. Purwanto<br/>Sipil : Hartanto Wahyu Sasongko, ST<br/>Mekanikal /</p> | <p><b>INSTALASI SIRAM TAMAN<br/>SITEPLAN ZONA 2</b></p> <p>SKALA<br/>1 : 500</p> | <p>KODE<br/>NO LEMBAR<br/>PLB-03</p> |

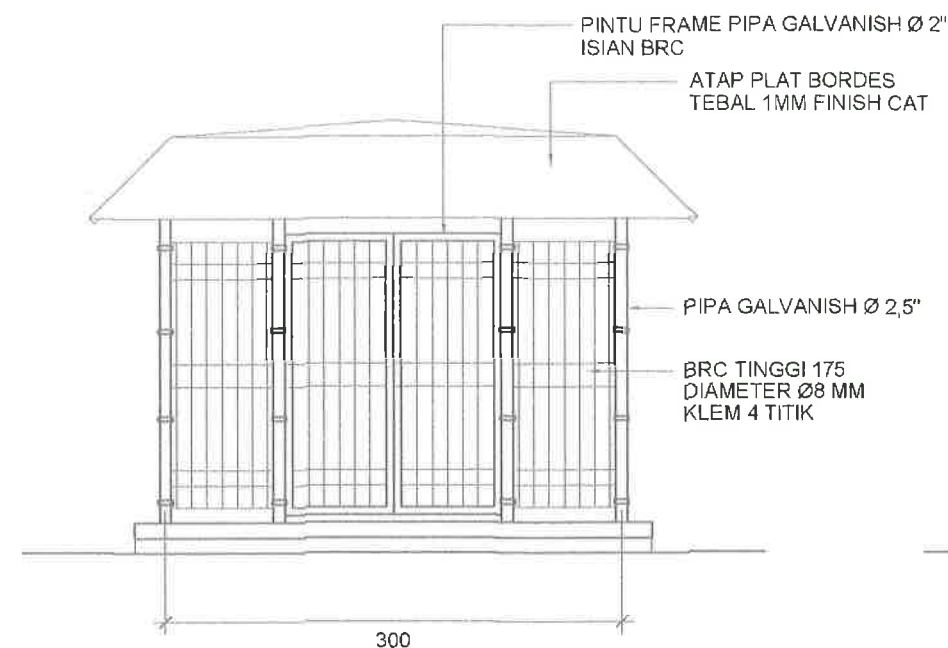


RUANG POMPA 1  
SKALA 1:100

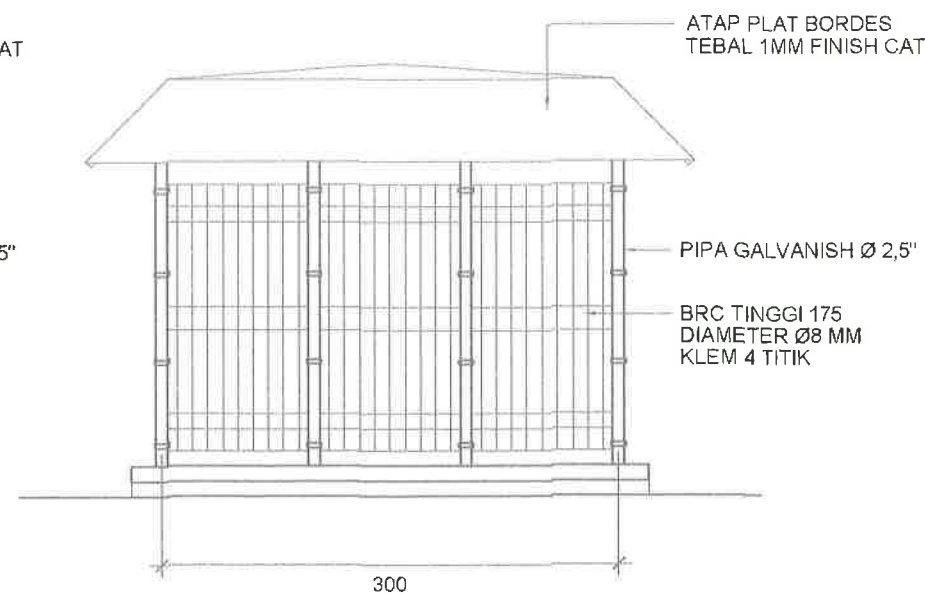
|                                                                                                                                                                                                  | KEGIATAN                                                                                                                                         | MENGETAHUI / MENYETUJUI                                                                                                                   | KETUA TIM TEKNIS                                                 | KONSULTAN PERENCANA                                                                                                                                                                  | JUDUL GAMBAR                                      |      |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------|------------|
| <br>KEMENDIKBUD RISTEK<br><b>UNIVERSITAS DIPONEGORO</b><br>JL. Prof. H. SOEDHARTO, SH - TEMBALANG<br>SEMARANG | PEKERJAAN<br><br><b>REVIEW DESAIN EDUPARK</b><br><b>(RUAS LAB TERPADU - JEMBATAN SIKATAK)</b><br><b>UNIVERSITAS DIPONEGORO</b><br><br>TAHUN 2024 | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN<br><br><u>Ari Eko Widyantoro, S.T., M.Si.</u><br>NID 1075 1017 200312 1 004 | <u>Dr.Ir. Agung Dwiyanto, MSA.</u><br>NID 1062 0110 100002 1 001 | <br><b>CV. Stupa Ing</b><br>Jl. Prasetya Indah VI / 70 - Semarang<br>Email : stupaing@yahoo.com | <b>INSTALASI SIRAM TAMAN</b><br><b>PP-POMPA.1</b> |      |            |
|                                                                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                           |                                                                  |                                                                                                                                                                                      | SKALA                                             | KODE | NO. LEMBAR |
|                                                                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                           |                                                                  |                                                                                                                                                                                      | 1 : 100                                           |      | PLB-04     |



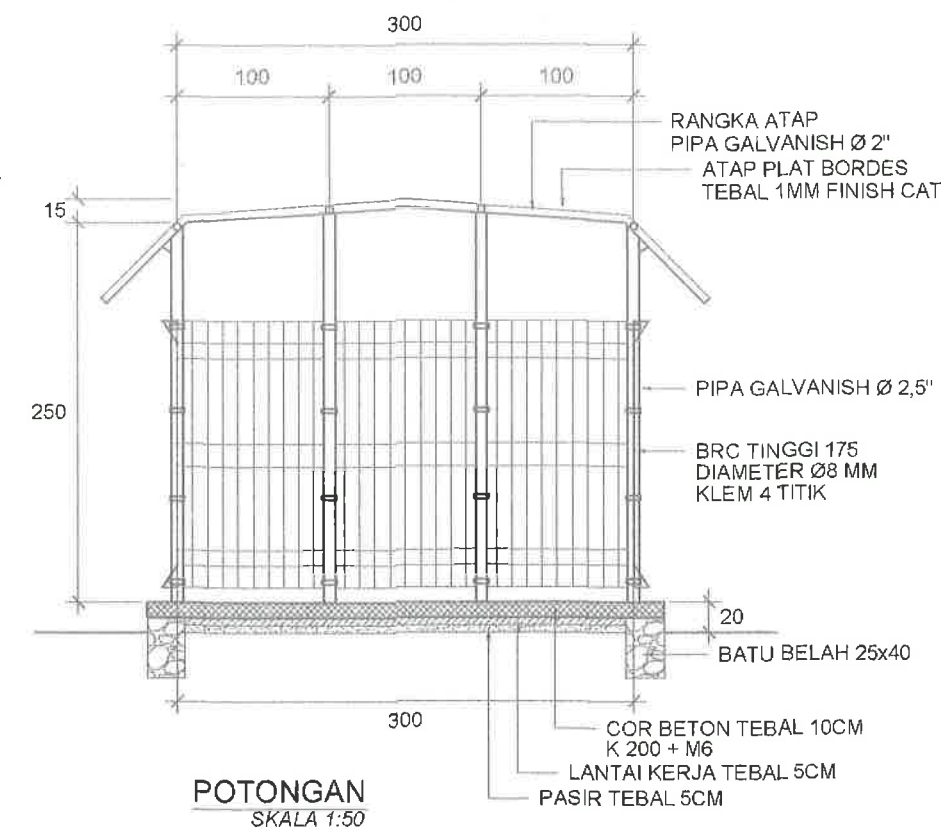
|                                                                                                                                                                                                  | KEGIATAN                                                                                                                                         | MENGETAHUI / MENYETUJUI                                                                                                             | KETUA TIM TEKNIS                                           | KONSULTAN PERENCANA                                                                                                                                                                                                                                                    | JUDUL GAMBAR                                      |      |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------|------------|
| <br>KEMENDIKBUD RISTEK<br><b>UNIVERSITAS DIPONEGORO</b><br>JL. Prof. H. SOEDHARTO, SH - TEMBALANG<br>SEMARANG | PEKERJAAN<br><br><b>REVIEW DESAIN EDUPARK</b><br><b>(RUAS LAB TERPADU - JEMBATAN SIKATAK)</b><br><b>UNIVERSITAS DIPONEGORO</b><br><br>TAHUN 2024 | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN<br><br>Ari Eko Widyantoro, S.T., M.Si.<br>NIP. 1975 1017 200312 1 004 | Dr.Ir. Agung Dwiyanto, MSA.<br>NIP. 1962 0110 198902 1 001 | <br><b>CV. Stupa Ing</b><br>Jl. Prasetya Indah VI / 70 - Semarang<br>Email : stupaing@yahoo.com<br>Arsitek : Ir. Purwanto<br>Sipil : Harlanto Wahyu Sasongko ST,MT<br>Mekanikal : | <b>INSTALASI SIRAM TAMAN</b><br><b>PP-POMPA.2</b> |      |            |
|                                                                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                     |                                                            |                                                                                                                                                                                                                                                                        | SKALA                                             | KODE | NO. LEMBAR |
|                                                                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                     |                                                            |                                                                                                                                                                                                                                                                        | 1 : 100                                           |      | PLB-05     |



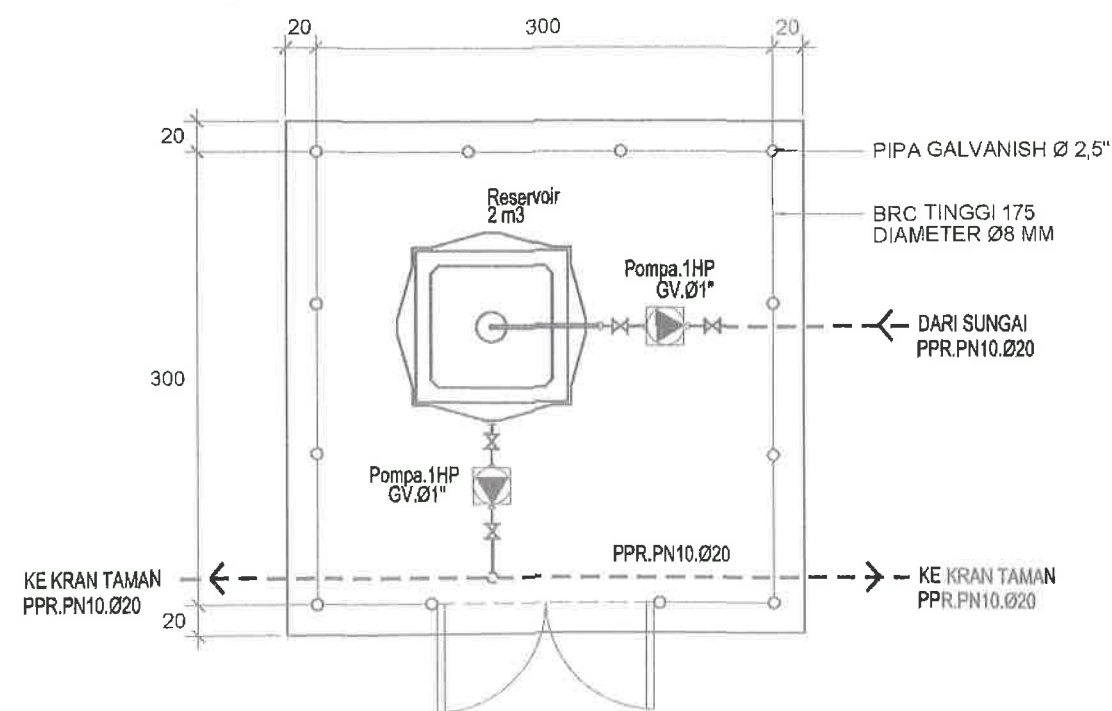
**TAMPAK DEPAN**  
SKALA 1:50



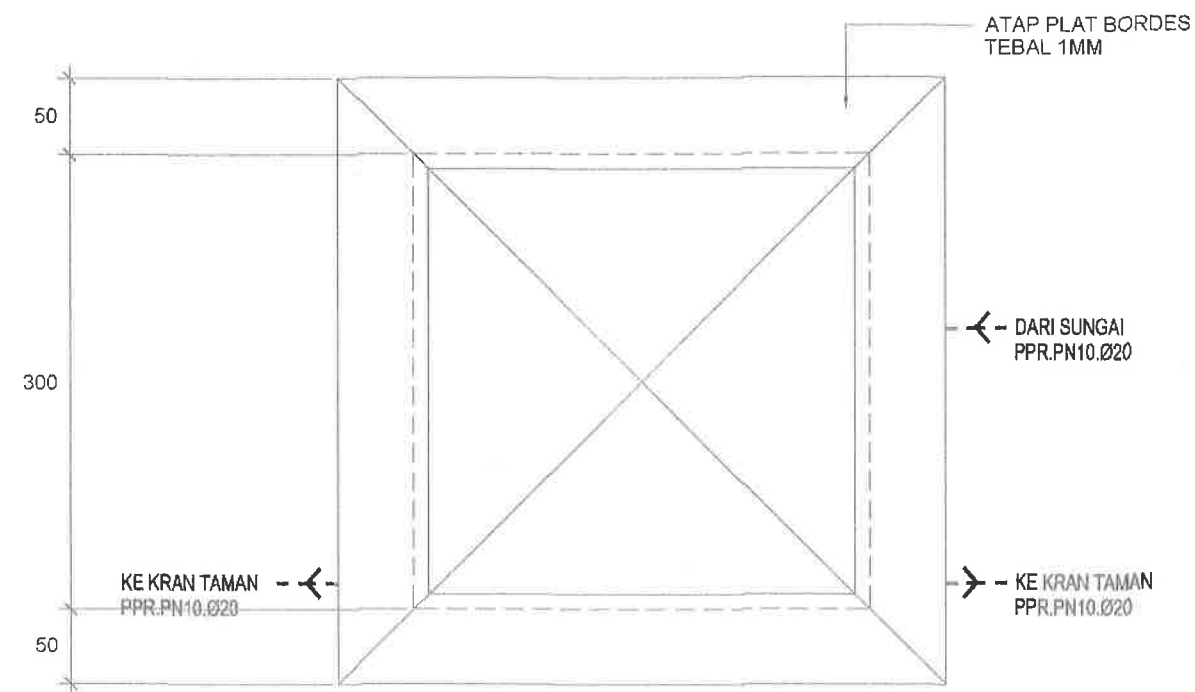
**TAMPAK SAMPING**  
SKALA 1:50



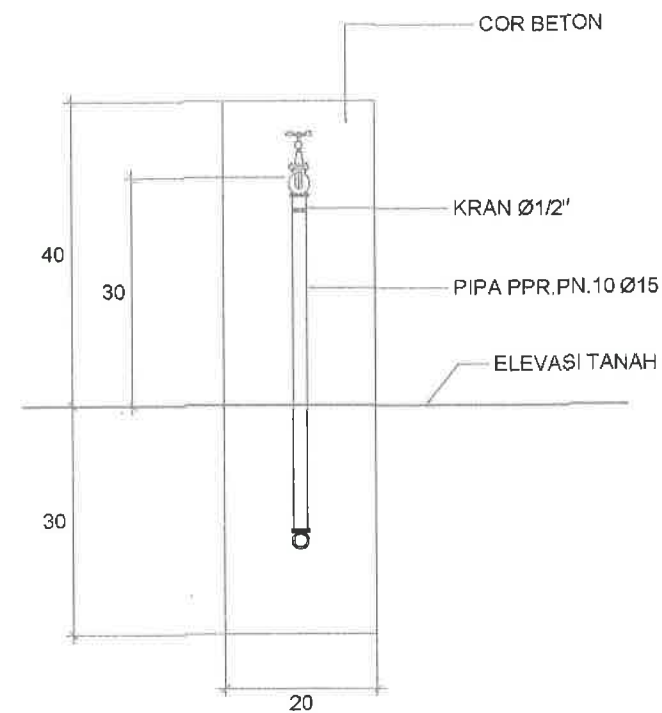
**POTONGAN**  
SKALA 1:50



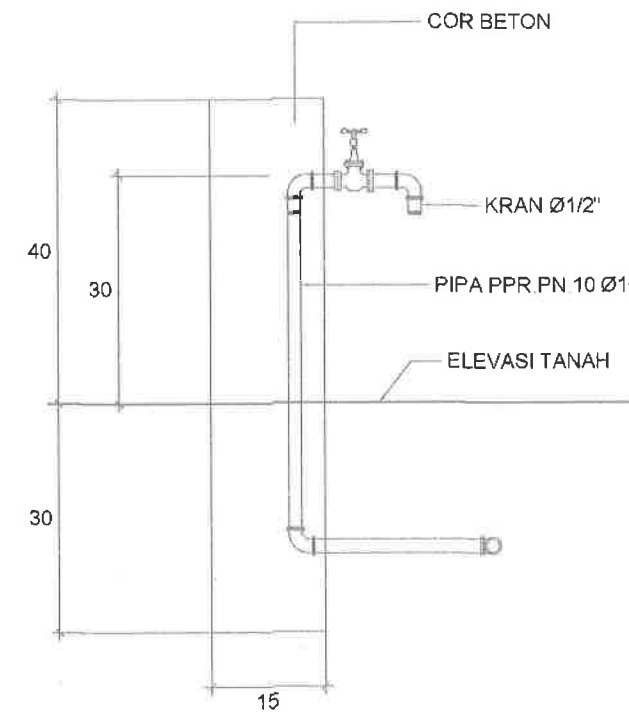
**DENAH R. POMPA**  
SKALA 1:50



**ATAP R. POMPA**  
SKALA 1:50



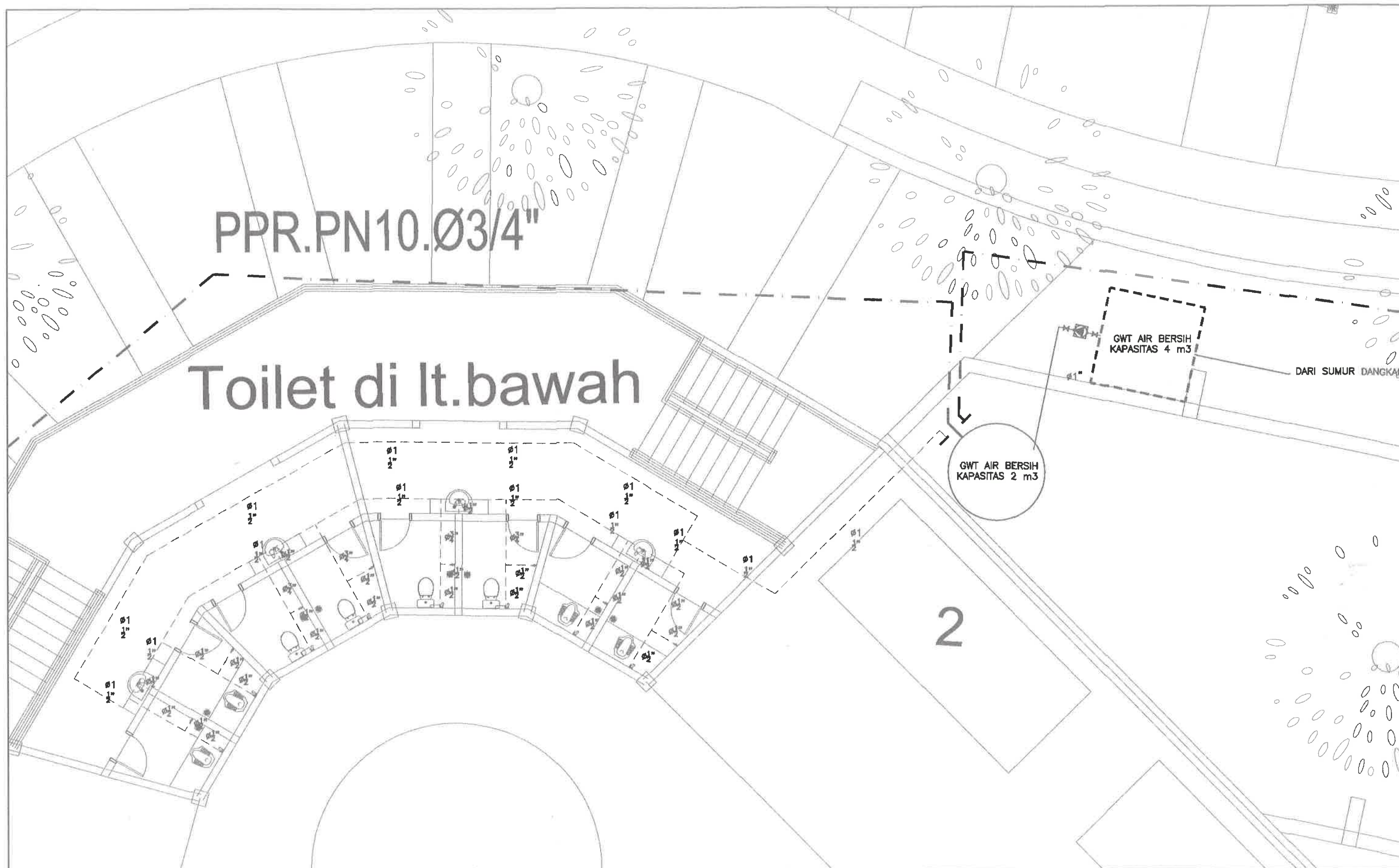
TAMPAK DEPAN  
SKALA 1:10



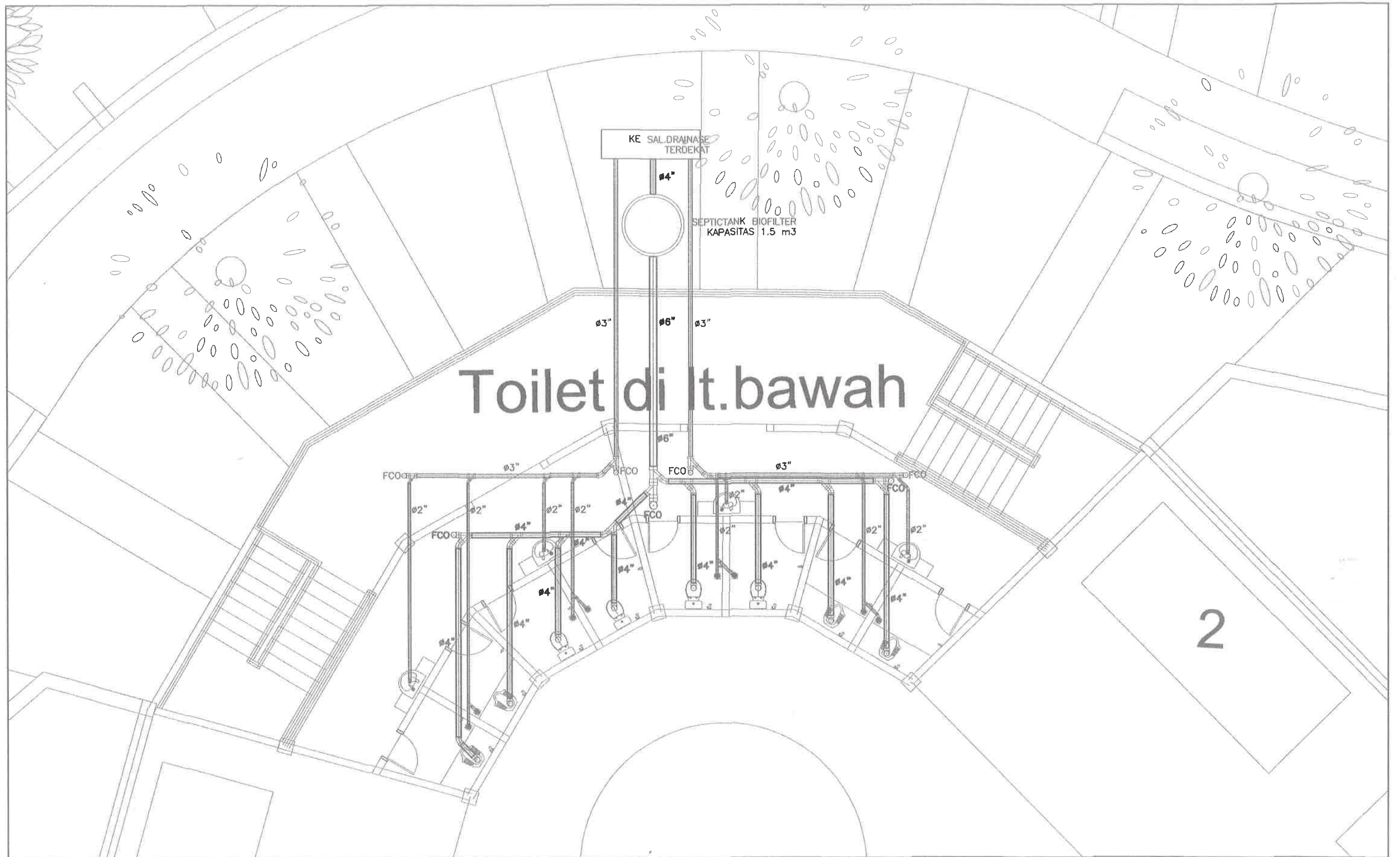
TAMPAK SAMPIING  
SKALA 1:10

DETAIL PEMASANGAN  
KRAN TAMAN  
SKALA 1:10

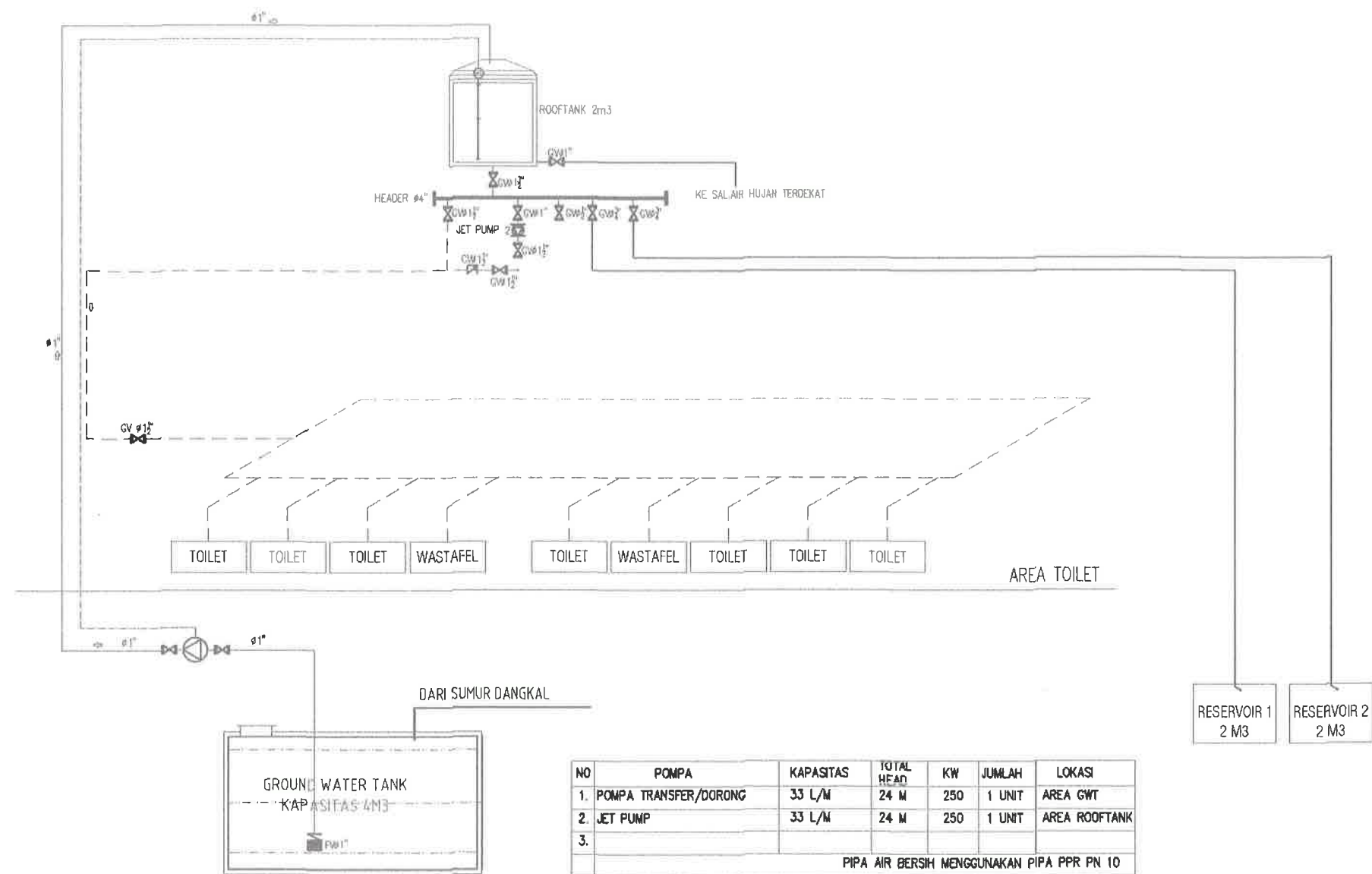
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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|---------------------------------------------------------------------------------------|-------|------|------------|-------|-------------------------------|--------|--|--------|-------------|-----------|---------------------------------|--|--|
| <div></div> <div>KEMENDIKBUD RISTEK<br/>UNIVERSITAS DIPONEGORO<br/>Jl. Prof. H. SOEDHARTO, SH - TEMBALANG<br/>SEMARANG</div> | KEGIATAN                                                                                                                    | MENGETAHUI / MENYETUJUI                                                                                                                   | KETUA TIM TEKNIS                                                                      | KONSULTAN PERENCANA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | JUDUL GAMBAR |              |                                                                                       |       |      |            |       |                               |        |  |        |             |           |                                 |  |  |
|                                                                                                                                                                                                                 | PEKERJAAN<br><br>REVIEW DESAIN EDUPARK<br>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br>UNIVERSITAS DIPONEGORO<br><br>TAHUN 2024 | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN<br><br><u>Ari Eko Widyantoro, S.T., M.Si</u><br>NIP. 1975 1017 200312 1 004 | <u>Dr.Ir. Agung Dwiyanto, MSA.</u><br>NIP. 1962 0110 198902 1 001                     | <div><b>CV. Stupa Ing</b><br/>Jl. Prasetya Indah VI / 70 - Semarang<br/>Email : stupaing@yahoo.com</div> <table><tr><td>Arsitek</td><td>Ir. Purwanto</td><td rowspan="3"></td><td>SKALA</td><td>KODE</td><td>NO. LEMBAR</td></tr><tr><td>Sipil</td><td>Harianto Wahyu Sasongko ST,MT</td><td rowspan="2">1 : 10</td><td rowspan="2"></td><td rowspan="2">PLB-07</td></tr><tr><td>Mekanikal /</td><td>Team MEEP</td></tr></table> | Arsitek      | Ir. Purwanto |  | SKALA | KODE | NO. LEMBAR | Sipil | Harianto Wahyu Sasongko ST,MT | 1 : 10 |  | PLB-07 | Mekanikal / | Team MEEP | DETAIL PEMASANGAN<br>KRAN TAMAN |  |  |
|                                                                                                                                                                                                                 | Arsitek                                                                                                                     | Ir. Purwanto                                                                                                                              |  | SKALA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | KODE         | NO. LEMBAR   |                                                                                       |       |      |            |       |                               |        |  |        |             |           |                                 |  |  |
| Sipil                                                                                                                                                                                                           | Harianto Wahyu Sasongko ST,MT                                                                                               | 1 : 10                                                                                                                                    |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PLB-07       |              |                                                                                       |       |      |            |       |                               |        |  |        |             |           |                                 |  |  |
| Mekanikal /                                                                                                                                                                                                     | Team MEEP                                                                                                                   |                                                                                                                                           |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |              |                                                                                       |       |      |            |       |                               |        |  |        |             |           |                                 |  |  |



|                                                                                                                                                                                                  | KEGIATAN                                                                                                                             | MENGETAHUI / MENYETUJUI                                                                                                             | KETUA TIM TEKNIS                                           | KONSULTAN PERENCANA                                                                                                                                                                  | JUDUL GAMBAR                                |      |                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------|----------------------|
| <br>KEMENDIKBUD RISTEK<br><b>UNIVERSITAS DIPONEGORO</b><br>JL. Prof. H. SOEDHARTO, SH - TEMBALANG<br>SEMARANG | PEKERJAAN<br><br><b>REVIEW DESAIN EDUPARK<br/>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br/>UNIVERSITAS DIPONEGORO</b><br><br>TAHUN 2024 | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN<br><br>Ari Eko Widyantoro, S.T., M.Si.<br>NIP. 1975 1017 200312 1 004 | Dr.Ir. Agung Dwiyanto, MSA.<br>NIP. 1962 0110 198902 1 001 | <br><b>CV. Stupa Ing</b><br>Jl. Prasetya Indah VI / 70 - Semarang<br>Email : stupaing@yahoo.com | <b>INSTALASI AIR BERSIH<br/>AREA TOILET</b> |      |                      |
|                                                                                                                                                                                                  |                                                                                                                                      |                                                                                                                                     |                                                            |                                                                                                                                                                                      |                                             |      |                      |
|                                                                                                                                                                                                  |                                                                                                                                      |                                                                                                                                     |                                                            | Arsitek Ir. Purwanto<br>Sipil Harlanto Wahyu Sasongko ST,MT                                                                                                                          | SKALA<br>1 : 75                             | KODE | NO. LEMBAR<br>PLB-08 |

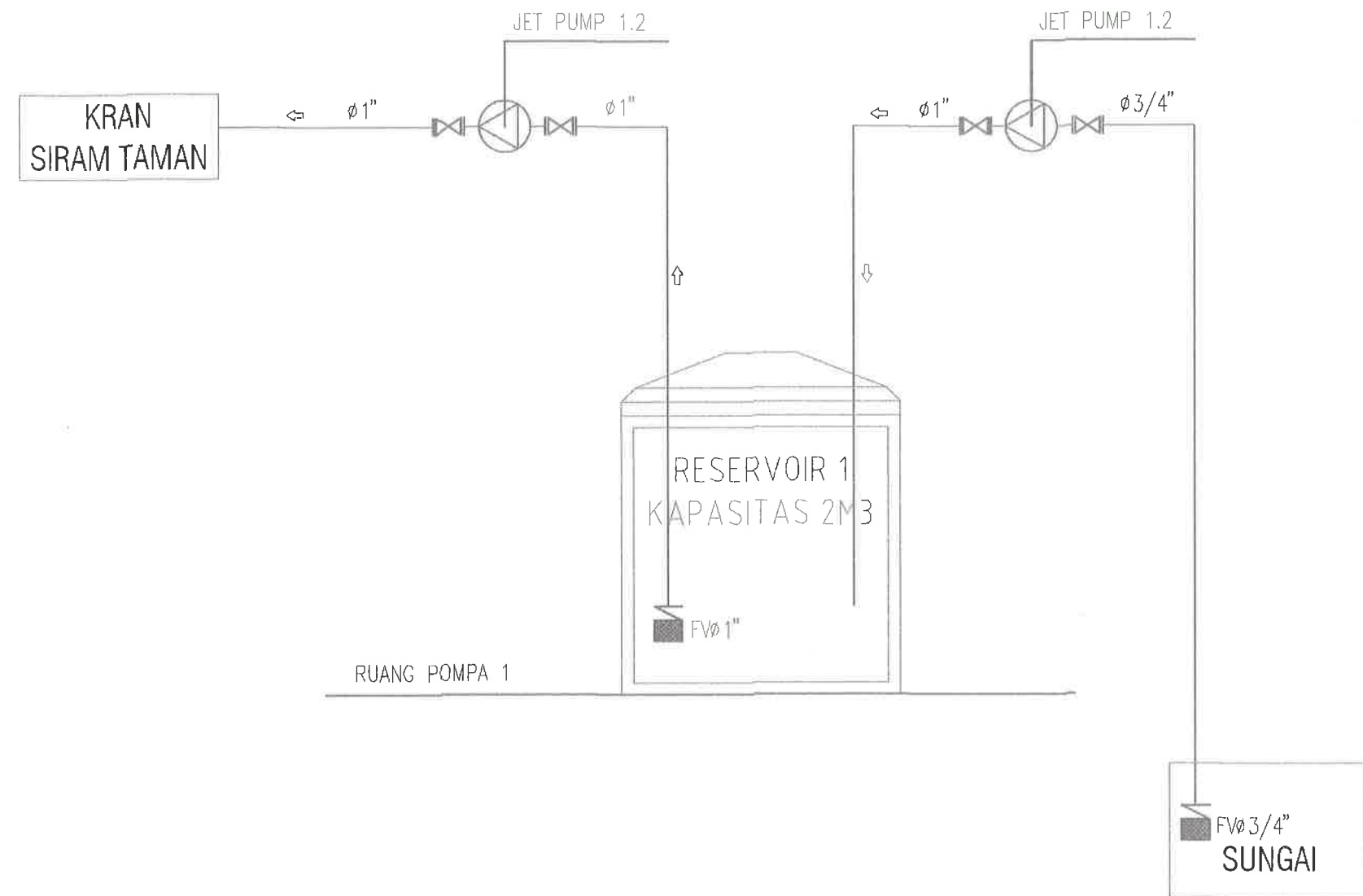


| <div></div> <div>KEMENDIKBUD RISTEK<br/><b>UNIVERSITAS DIPONEGORO</b><br/>Jl. Prof. H. SOEDHARTO, SH - TEMBALANG<br/>SEMARANG</div> | KEGIATAN                                                                                 | MENGETAHUI / MENYETUJUI                                               | KETUA TIM TEKNIS                                                  | KONSULTAN PERENCANA                                                                                                                                                                                       | JUDUL GAMBAR                                               |                               |        |      |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------|--------|------|------------|
|                                                                                                                                                                                                                        | PEKERJAAN                                                                                | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN         |                                                                   | <div></div> <div><b>CV. Stupa Ing</b><br/>Jl. Prasetya Indah VI / 70 - Semarang<br/>Email : stupaing@yahoo.com</div> | <b>INSTALASI<br/>AIR KOTOR &amp; BEKAS<br/>AREA TOILET</b> |                               |        |      |            |
|                                                                                                                                                                                                                        | REVIEW DESAIN EDUPARK<br>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br>UNIVERSITAS DIPONEGORO |                                                                       |                                                                   |                                                                                                                                                                                                           | Arsitek                                                    | Ir. Purwanto                  | SKALA  | KODE | NO. LEMBAR |
|                                                                                                                                                                                                                        | TAHUN 2024                                                                               | <u>Ari Eko Widyantoro, S.T., M.Si.</u><br>NIP. 1975 1017 200312 1 004 | <u>Dr.Ir. Agung Dwiyanto, MSA.</u><br>NIP. 1962 0110 198902 1 001 |                                                                                                                                                                                                           | Sipil                                                      | Harlanto Wahyu Sasongko ST,MT | 1 : 75 |      | PLB-09     |
|                                                                                                                                                                                                                        |                                                                                          |                                                                       |                                                                   | Mekanikal /                                                                                                                                                                                               | Team MFFP                                                  |                               |        |      |            |



| NO | POMPA                 | KAPASITAS | TOTAL HEAD | KW  | JUMLAH | LOKASI        |
|----|-----------------------|-----------|------------|-----|--------|---------------|
| 1. | POMPA TRANSFER/DORONG | 33 L/M    | 24 M       | 250 | 1 UNIT | AREA GWT      |
| 2. | JET PUMP              | 33 L/M    | 24 M       | 250 | 1 UNIT | AREA ROOFTANK |
| 3. |                       |           |            |     |        |               |

PIPA AIR BERSIH MENGGUNAKAN PIPA PPR PN 10



KEMENDIKBUD RISTEK  
**UNIVERSITAS DIPONEGORO**  
 JL. Prof. H. SOEDHARTO, SH - TEMBALANG  
 SEMARANG

KEGIATAN

PEKERJAAN  
**REVIEW DESAIN EDUPARK**  
**(RUAS LAB TERPADU - JEMBATAN SIKATAK)**  
**UNIVERSITAS DIPONEGORO**

TAHUN 2024

MENGETAHUI / MENYETUJUI

ATAS NAMA KUASA PENGGUNA ANGGARAN  
 PEJABAT PEMBUAT KOMITMEN

Ari Eko Widyantoro, S.T., M.Si.  
 NIP. 1975 1017 200312 1 004

KETUA TIM TEKNIS

Dr.Ir. Agung Dwiyanto, MSA.  
 NIP. 1962 0110 198902 1 001

KONSULTAN PERENCANA



**CV. Stupa Ing**  
 Jl. Prasetya Indah VI / 70 - Semarang  
 Email : stupaing@yahoo.com

|             |                               |
|-------------|-------------------------------|
| Arsitek     | Ir. Purwanto                  |
| Sipil       | Hartanto Wahyu Sasongko ST,MT |
| Mekanikal / | Team MEED                     |

SKALA  
**NTS**

KODE

NO. LEMBAR

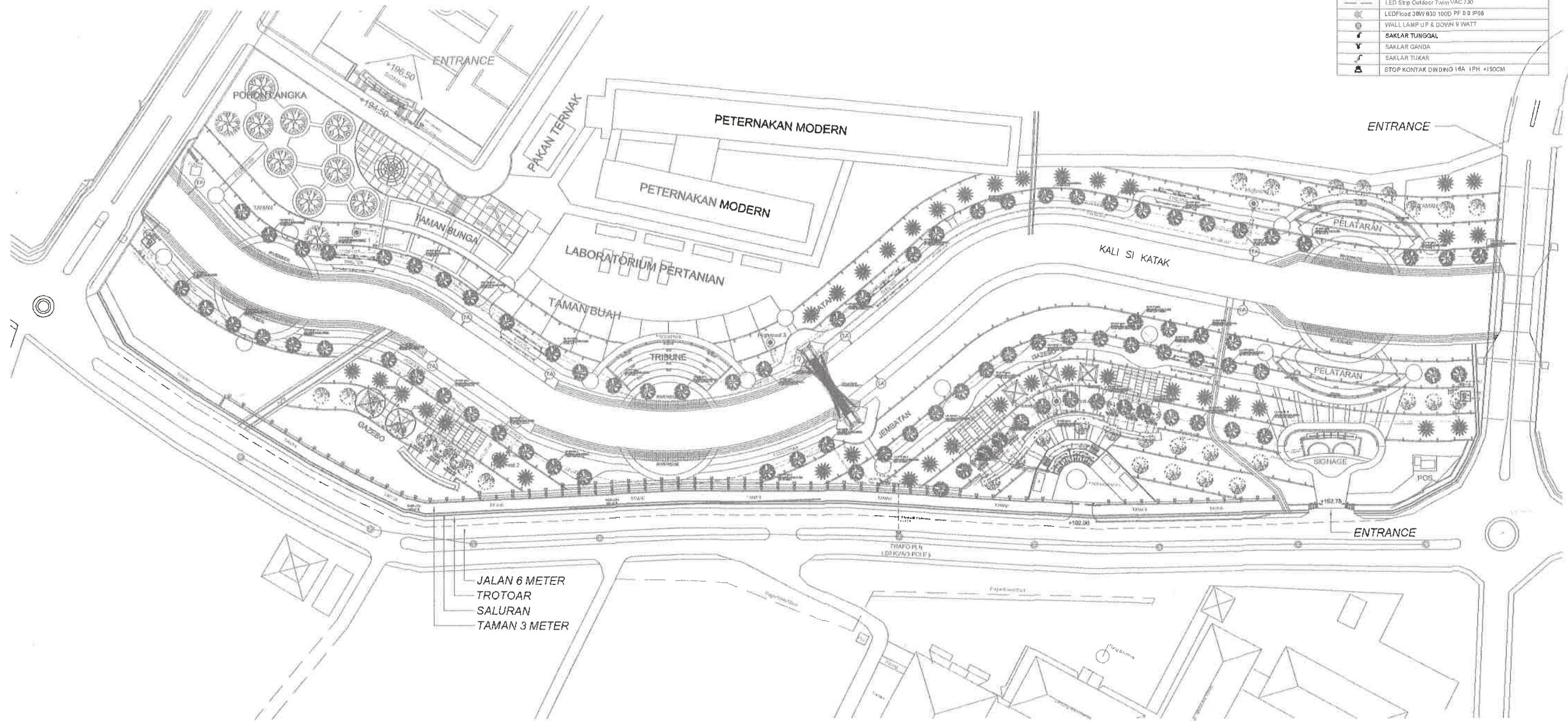
**DIAGRAM SISTEM**  
**SIRAM TAMAN**

**PLB-11**

| NO: | KODE              | JUDUL GAMBAR                       | SKALA    |
|-----|-------------------|------------------------------------|----------|
| EL  | INSTALASI LISTRIK |                                    |          |
|     | EL - 01           | INSTALASI LISTRIK SITEPLAN         | 1 : 1250 |
|     | EL - 02           | INSTALASI LISTRIK SITEPLAN ZONA 1  | 1 : 400  |
|     | EL - 03           | INSTALASI LISTRIK SITEPLAN ZONA 2  | 1 : 400  |
|     | EL - 04           | INSTALASI LISTRIK SITEPLAN ZONA 3  | 1 : 400  |
|     | EL - 05           | INSTALASI LISTRIK SITEPLAN ZONA 4  | 1 : 400  |
|     | EL - 06           | INSTALASI LISTRIK SITEPLAN ZONA 5  | 1 : 400  |
|     | EL - 07           | INSTALASI LISTRIK AREA TOILET      | 1 : 50   |
|     | EL - 08           | WIRING DIAGRAM PANEL 1             | NTS      |
|     | EL - 09           | WIRING DIAGRAM PANEL 2             | NTS      |
|     | EL - 10           | WIRING DIAGRAM PANEL 3             | NTS      |
|     | EL - 11           | WIRING DIAGRAM PANEL 4             | NTS      |
|     | EL - 12           | WIRING DIAGRAM PANEL 5             | NTS      |
|     | EL - 13           | DETAIL PEMASANGAN PANEL OUTDOOR    | NTS      |
|     | EL - 14           | POSISI ITEM PEKERJAAN HIGH MAST    | NTS      |
|     | EL - 15           | HIGH MAST 20 M DETAIL TIANG LAMPU  | NTS      |
|     | EL - 16           | HIGH MAST 20 M PENANGKAL PETIR     | NTS      |
|     | EL - 17           | HIGH MAST 20 M DETAIL PONDASI      | NTS      |
|     | EL - 18           | INSTALASI CCTV SITEPLAN            | 1 : 1250 |
|     | EL - 19           | INSTALASI CCTV SITEPLAN ZONA 1     | 1 : 400  |
|     | EL - 20           | INSTALASI CCTV SITEPLAN ZONA 2     | 1 : 400  |
|     | EL - 21           | INSTALASI CCTV SITEPLAN ZONA 3     | 1 : 400  |
|     | EL - 22           | INSTALASI CCTV SITEPLAN ZONA 4     | 1 : 400  |
|     | EL - 23           | INSTALASI CCTV SITEPLAN ZONA 5     | 1 : 400  |
|     | EL - 24           | DIAGRAM SISTEM CCTV & DETAIL TIANG | NTS      |
|     | EL - 25           |                                    |          |

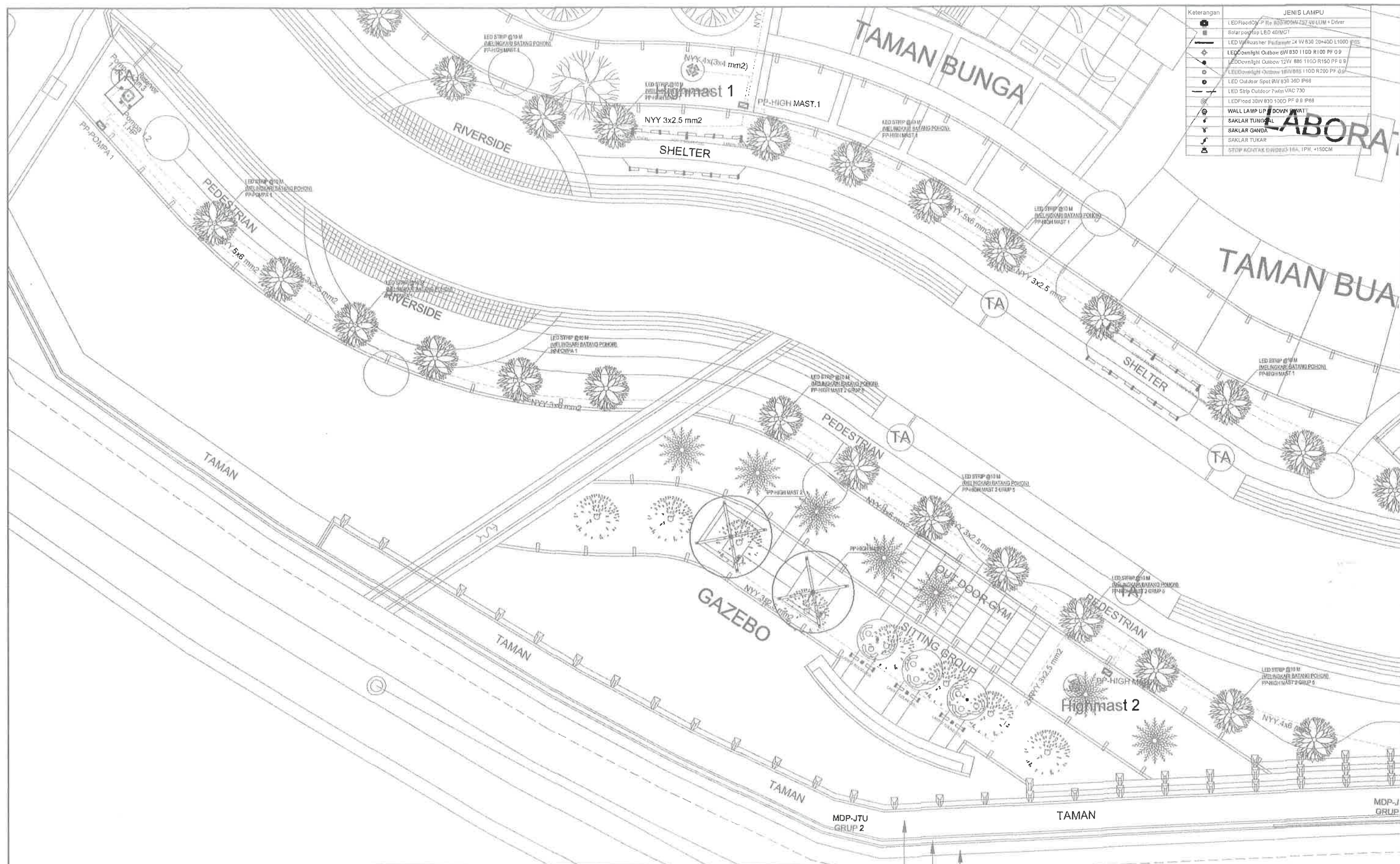
|                                                                                                                                                                                                  |                                                                                                                             |                                                                                                                                         |                                                                            |                                                                                                                                                                                      |                                         |                             |      |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|------|---------------------|
| <br>KEMENDIKBUD RISTEK<br><b>UNIVERSITAS DIPONEGORO</b><br>Jl. Prof. H. SOEDHARTO, SH - TEMBALANG<br>SEMARANG | KEGIATAN                                                                                                                    | MENGETAHUI / MENSETUJUI                                                                                                                 | KETUA TIM TEKNIS                                                           | KONSULTAN PERENCANA                                                                                                                                                                  |                                         | JUDUL GAMBAR                |      |                     |
|                                                                                                                                                                                                  | PEKERJAAN<br><br>REVIEW DESAIN EDUPARK<br>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br>UNIVERSITAS DIPONEGORO<br><br>TAHUN 2024 | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN<br><br><br>Ari Eko Widyantoro, S.T., M.Si.<br>NIP. 1975 1017 200312 1 004 | <br><br><br><br>Dr.Ir. Agung Dwiyanto, MSA.<br>NIP. 1962 0110 198902 1 001 | <br><b>CV. Stupa Ing</b><br>Jl. Prasetya Indah VI / 70 - Semarang<br>Email : stupaing@yahoo.com |                                         | DAFTAR GAMBAR<br>ELEKTRIKAL |      |                     |
|                                                                                                                                                                                                  |                                                                                                                             |                                                                                                                                         |                                                                            | Arsitek<br>Ir. Purwanto                                                                                                                                                              | Sipil<br>Hartanto Wahyu Sasongko ST,MT. | SKALA<br>NTS                | KODE | NO. LEMBAR<br>EL-00 |

| Keterangan | JENIS LAMPU                                         |
|------------|-----------------------------------------------------|
|            | LED Flood Light P Re 800-400W 757-W-LUM + Dimer     |
|            | Solar post lap LED 40W/MCT                          |
|            | LED Wallwasher Performer 24 W 830 20x40D L1000 IP65 |
|            | LED Downlight Outbow 6W 830 110D R100 PF 0.9        |
|            | LED Downlight Outbow 12W 865 110D R160 PF 0.9       |
|            | LED Downlight Outbow 18W 865 110D R200 PF 0.9       |
|            | LED Outdoor Spot 9W 830 36D IP68                    |
|            | LED Strip Outdoor 7-wm VAC 730                      |
|            | LED Flood 30W 830 100D PF 0.9 IP68                  |
|            | WALL LAMP UP & DOWN 9 WATT                          |
|            | SAKLAR TUNGKAL                                      |
|            | SAKLAR GANDA                                        |
|            | SAKLAR TUKAR                                        |
|            | STOP KONTAK DINDING 16A 1PH +150CM                  |

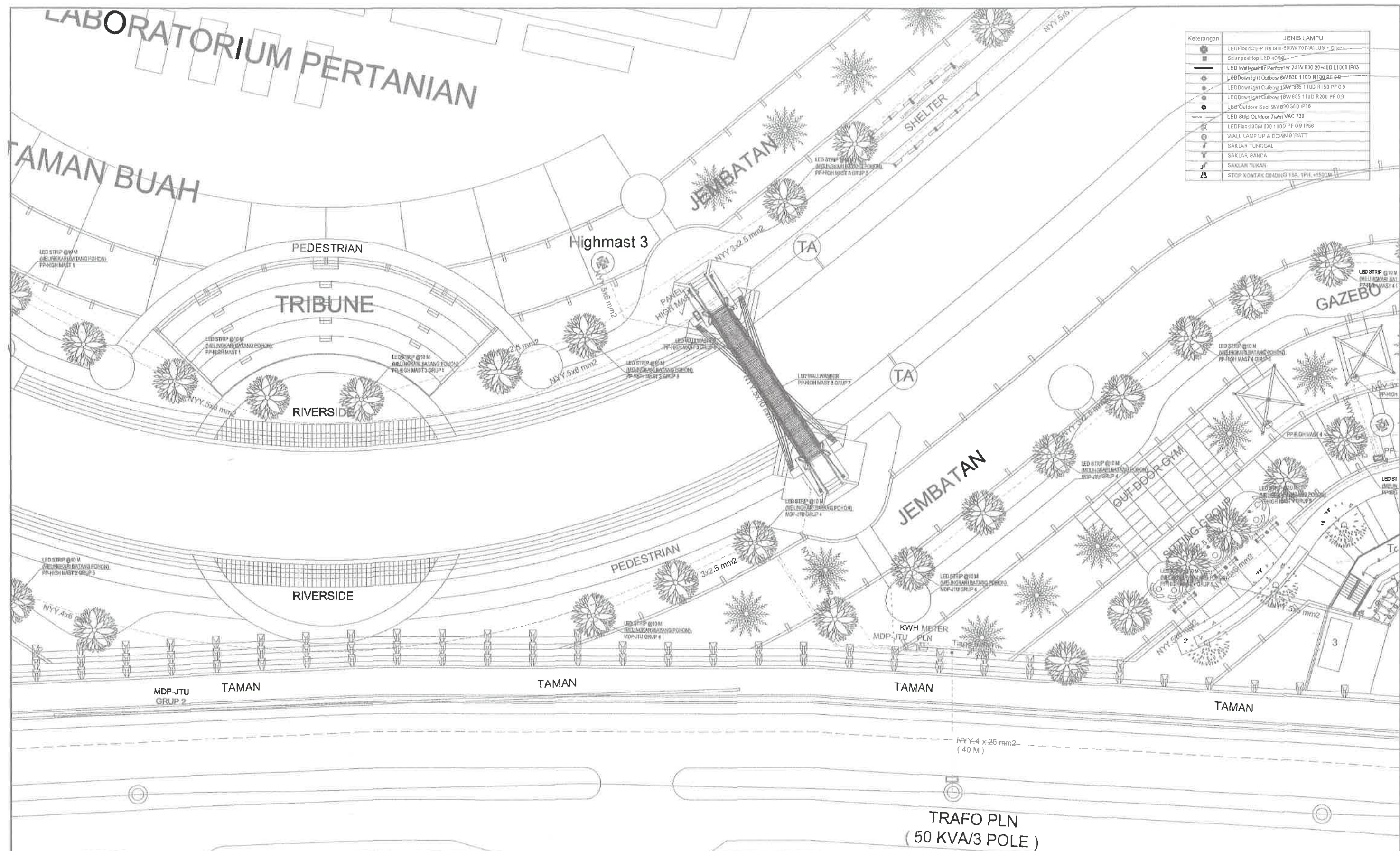


RENCANA  
SITE PLAN  
SKALA 1 : 1250





| <br>KEMENDIKBUD RISTEK<br><b>UNIVERSITAS DIPONEGORO</b><br>JL. Prof. H. SOEDHARTO, SH - TEMBALANG<br>SEMARANG | KEGIATAN                                                                                                                            | MENGETAHUI / MENSETUJUI                                                                                                            | KETUA TIM TEKNIS                                            | KONSULTAN PERENCANA                                                                                                                                                                  | JUDUL GAMBAR                                   |                  |                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------|-----------------------------|
|                                                                                                                                                                                                  | PEKERJAAN<br><br><b>REVIEW DESAIN EDUPARK<br/>(RUAS LAB TERPADU - JEMBRAN SIKATAK)<br/>UNIVERSITAS DIPONEGORO</b><br><br>TAHUN 2024 | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN<br><br>An Eko Widyantoro, S.T., M.Si.<br>NIP. 1975 1017 200312 1 004 | Dr. Ir. Agung Dwiyanto, MSA.<br>NIP. 1962 0110 198902 1 001 | <br><b>CV. Stupa Ing</b><br>Jl. Prasetya Indah VI / 70 - Semarang<br>Email : stupaing@yahoo.com | <b>INSTALASI LISTRIK<br/>SITEPLAN ZONA 2</b>   |                  |                             |
|                                                                                                                                                                                                  |                                                                                                                                     |                                                                                                                                    |                                                             | Arsitek<br>Sipil                                                                                                                                                                     | Ir. Purwanto<br>Hartanto Wahyu Sasongko ST, MT | SKALA<br>1 : 400 | KODE<br>NO. LEMBAR<br>EL-03 |



| Keterangan | JENIS LAMPU                                         |
|------------|-----------------------------------------------------|
|            | LED Floodlight P. Rp 600-800W 757-M LUM + Driver    |
|            | Solar post top LED 40WCT                            |
|            | LED Wallwasher Performer 24 W 830 20x40D L1000 IP65 |
|            | LED Downlight Outbow 6W 830 110D R100 BE-09         |
|            | LED Downlight Outbow 12W 885 110D R150 PF 0.9       |
|            | LED Downlight Outbow 18W 885 110D R200 PF 0.9       |
|            | LED Outdoor Spot 9W 830 38D IP66                    |
|            | LED Strip Outdoor 7mm VAC 730                       |
|            | LED Flood 30W 030 100D PF 0.9 IP66                  |
|            | WALL LAMP UP & DOWN 9 WATT                          |
|            | SAKILAR TUNGKAL                                     |
|            | SAKILAR GANDA                                       |
|            | SAKILAR TUKAR                                       |
|            | STOP KONTAK DINING 15A, 1P/L + 150CM                |

| KEGIATAN                                                                                 | MENGETAHUI / MENSETUJUI                                        | KETUA TIM TEKNIS                                           | KONSULTAN PERENCANA | JUDUL GAMBAR                                                                                    |                                 |           |
|------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------|---------------------------------|-----------|
|                                                                                          |                                                                |                                                            |                     | INSTALASI LISTRIK<br>SITEPLAN ZONA 3                                                            |                                 |           |
| PEKERJAAN                                                                                | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN  |                                                            |                     | <br><b>CV. Stupa Ing</b><br>Jl. Prasetya Indah VI : 70 - Semarang<br>Email : stupaing@yahoo.com | SKALA                           | KODE      |
| REVIEW DESAIN EDUPARK<br>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br>UNIVERSITAS DIPONEGORO |                                                                |                                                            |                     |                                                                                                 | 1 : 400                         |           |
| TAHUN 2024                                                                               | Ari Eko Widyantoro, S.T., M.Si.<br>NIP. 1975 1017 200312 1 004 | Dr.Ir. Agung Dwiyanto, MSA.<br>NIP. 1962 0110 198902 1 001 |                     | Arsitek                                                                                         | Ir. Purwanto                    | NO LEMBAR |
|                                                                                          |                                                                |                                                            |                     | Sipil                                                                                           | Hartanto Wahyu Sasongko, ST, MT | EL-04     |



KEMENDIKBUD RISTEK  
**UNIVERSITAS DIPONEGORO**  
Jl. Prof. H. SOEDHARTO, SH - TEMBALANG  
SEMARANG





# Toilet di lt.bawah



| Keterangan | JENIS LAMPU                                          |
|------------|------------------------------------------------------|
|            | LED Floodlight P Re 800-800M T57W LUM + Driver       |
|            | Solar post lamp LED 40W/MT                           |
|            | LED Wallwasher Performer 2x W2835 25Hx100 L1000 IP65 |
|            | LED Downlight Outdoor 6W R30 1100 R100 PF 0.9        |
|            | LED Downlight Outdoor 12W 885 1100 R150 PF 0.9       |
|            | LED Downlight Outdoor 18W 885 1100 R200 PF 0.9       |
|            | LED Outdoor Spot 6W 830 360 IP65                     |
|            | LED Strip Outdoor 7w/m VAC 730                       |
|            | LED Downlight 4W 830 1000 PF 0.9 IP68                |
|            | WALL LAMP UP & DOWN 3 WATT                           |
|            | SAKLAR TONJOL                                        |
|            | SAKLAR GANDA                                         |
|            | SAKLAR TUKAR                                         |
|            | STOP KONTAK DINDING 16A, 1PH, +150CM                 |



KEMENDIKBUD RISTEK  
**UNIVERSITAS DIPONEGORO**  
Jl. Prof. H. SOEDHARTO, SH - TEMBALANG  
SEMARANG

KEGIATAN

PEKERJAAN

**REVIEW DESAIN EDUPARK  
(RUAS LAB TERPADU - JEMBATAN SIKATAK)  
UNIVERSITAS DIPONEGORO**

TAHUN 2024

MENGETAHUI / MENSETUJUI

ATAS NAMA KUASA PENGGUNA ANGGARAN  
PEJABAT PEMBUAT KOMITMEN

Ari Eko Widyantoro, S.T., M.Si.  
NIP. 1975 1017 200312 1 004

KETUA TIM TEKNIS

Dr.Ir. Agung Dwiyanto, MSA.  
NIP. 1962 0110 198902 1 001

KONSULTAN PERENCANA



**CV. Stupa Ing**  
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Email : stupaing@yahoo.com

Arsitek  
Sipil  
Mekanikal /

Ir. Purwanto  
Harlanto Wahyu Sasongko ST, MT

JUDUL GAMBAR

**INSTALASI LISTRIK  
AREA TOILET**

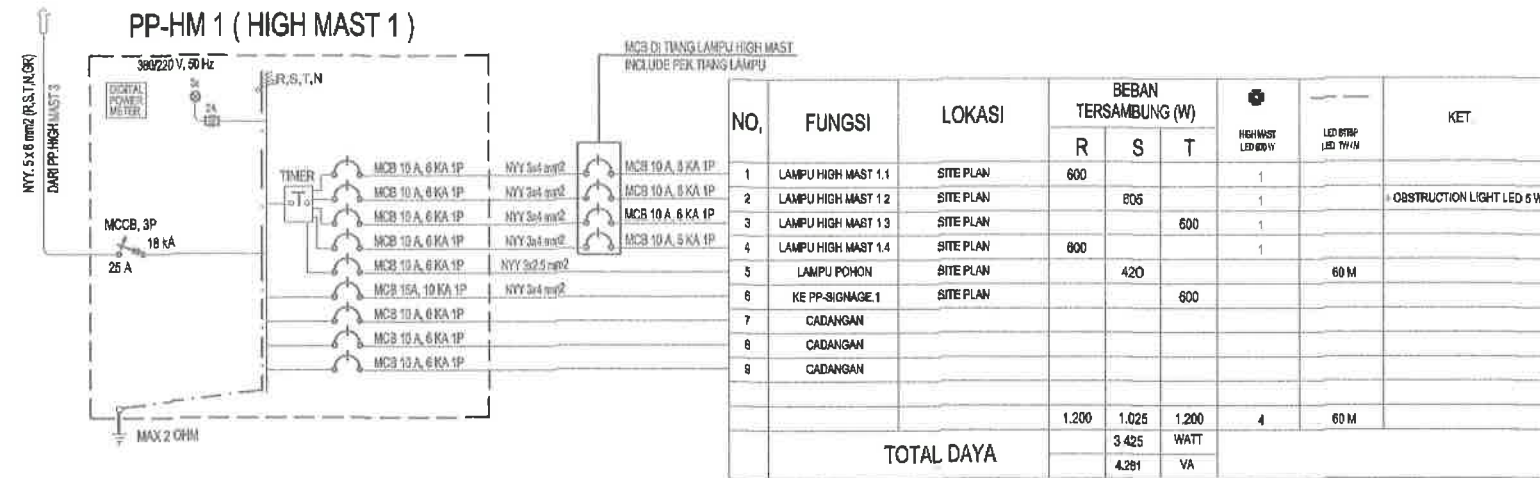
SKALA  
1 : 50

KODE

NO. LEMBAR

EL-07





WIRING DIAGRAM PP-HM 1  
NTS



WIRING DIAGRAM PP-HM 2  
NTS



KEMENDIKBUD RISTEK  
**UNIVERSITAS DIPONEGORO**  
JL. Prof. H. SOEDHARTO, SH - TEMBALANG  
SEMARANG

KEGIATAN

PEKERJAAN

REVIEW DESAIN EDUPARK  
(RUAS LAB TERPADU - JEMBATAN SIKATAK)  
UNIVERSITAS DIPONEGORO

TAHUN 2024

MENGETAHUI / MENSETUJUI

ATAS NAMA KUASA PENGGUNA ANGGARAN  
PEJABAT PEMBUAT KOMITMEN

An Eko Widyanoro, S.T., M.Si.  
NIP. 1975 1017 200312 1 004

KETUA TIM TEKNIS

Dr. Ir. Agung Dwiyanto, MSA.  
NIP. 1962 0110 198902 1 001

KONSULTAN PERENCANA



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Email : stupaing@yahoo.com

Arsitek

Ir. Purwanto

Sipil

Harlanto Wahyu Sasongko ST, MT

JUDUL GAMBAR

WIRING DIAGRAM  
PANEL 2

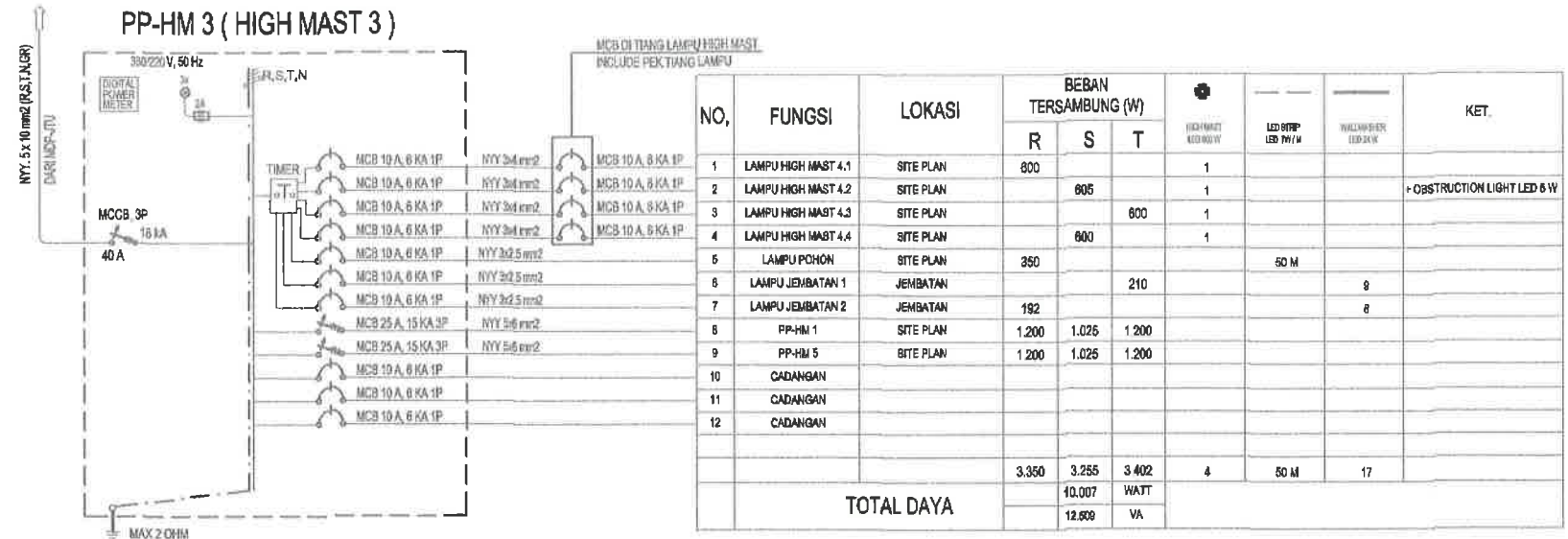
SKALA

NTS

KODE

NO. LEMBAR

EL-09

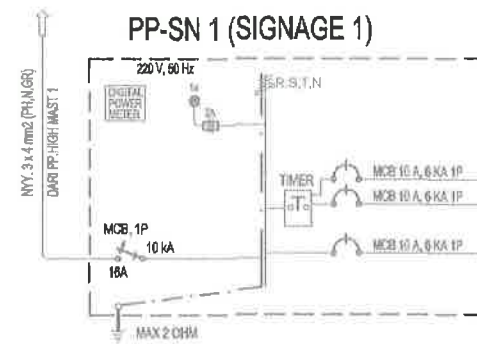


WIRING DIAGRAM PP-HM 3  
NTS



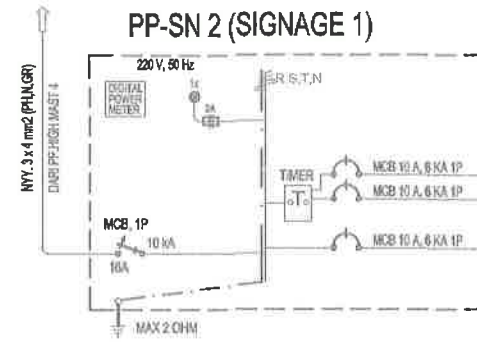
WIRING DIAGRAM PP-HM 4  
NTS





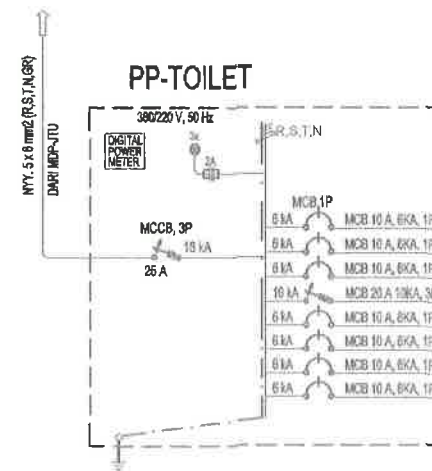
| NO,        | FUNGSI      | LOKASI    | BEBAN |      |
|------------|-------------|-----------|-------|------|
|            |             |           | W     |      |
| 1          | SIGNAGE 1.1 | SITE PLAN | 300   |      |
| 2          | SIGNAGE 1.2 | SITE PLAN | 300   |      |
| 3          | CADANGAN    |           |       |      |
| TOTAL DAYA |             |           | 800   | WATT |
|            |             |           | 750   | VA   |

WIRING DIAGRAM PP-SN 1  
NTS



| NO,        | FUNGSI      | LOKASI    | BEBAN |      |
|------------|-------------|-----------|-------|------|
|            |             |           | W     |      |
| 1          | SIGNAGE 2.1 | SITE PLAN | 300   |      |
| 2          | SIGNAGE 2.2 | SITE PLAN | 300   |      |
| 3          | CADANGAN    |           |       |      |
| TOTAL DAYA |             |           | 800   | WATT |
|            |             |           | 750   | VA   |

WIRING DIAGRAM PP-SN 2  
NTS



| NO,        | FUNGSI                | LOKASI        | BEBAN<br>TERSAMBUNG (W) |       |       | D. OUTBOX<br>LED 1W | D. OUTBOX<br>LED 12W | BILAR TUNGGAL | SARAR GANDA | GILUJ TUNGGAL | STUP KONTAK<br>10A, 1P | KET. |
|------------|-----------------------|---------------|-------------------------|-------|-------|---------------------|----------------------|---------------|-------------|---------------|------------------------|------|
|            |                       |               | R                       | S     | T     |                     |                      |               |             |               |                        |      |
| 1          | LAMPU & STOP K        | TOILET        | 196                     |       |       |                     | 8                    | 4             | 1           |               | 1                      |      |
| 2          | LAMPU & STOP K        | TOILET        |                         | 196   |       |                     | 8                    | 4             | 1           |               | 1                      |      |
| 3          | LAMPU                 | TOILET        |                         |       | 108   | 6                   |                      |               |             | 2             |                        |      |
| 4          | POMPA SUMBUR DAWOIKAL | SITEPLAN      | 2000                    | 2000  | 2000  |                     |                      |               |             |               |                        |      |
| 5          | JET PUMP              | AREA ROOFTANK |                         |       | 250   |                     |                      |               |             |               |                        |      |
| 6          | CADANGAN              |               |                         |       |       |                     |                      |               |             |               |                        |      |
| 7          | CADANGAN              |               |                         |       |       |                     |                      |               |             |               |                        |      |
| 8          | CADANGAN              |               |                         |       |       |                     |                      |               |             |               |                        |      |
| TOTAL DAYA |                       |               | 2.196                   | 2.196 | 2.358 | 6                   | 18                   | 8             | 2           | 2             | 2                      |      |
|            |                       |               |                         | 6.750 | W     |                     |                      |               |             |               |                        |      |
|            |                       |               |                         | 8.438 | KVA   |                     |                      |               |             |               |                        |      |

WIRING DIAGRAM PP/LP-TOILET  
NTS



KEMENDIKBUD RISTEK  
**UNIVERSITAS DIPONEGORO**  
JL. Prof. H. SOEDHARTO, SH - TEMBALANG  
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REVIEW DESAIN EDUPARK  
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Arsitek  
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Ir. Purwanto

Harianto Wahyu Sasongko ST, MT

JUDUL GAMBAR

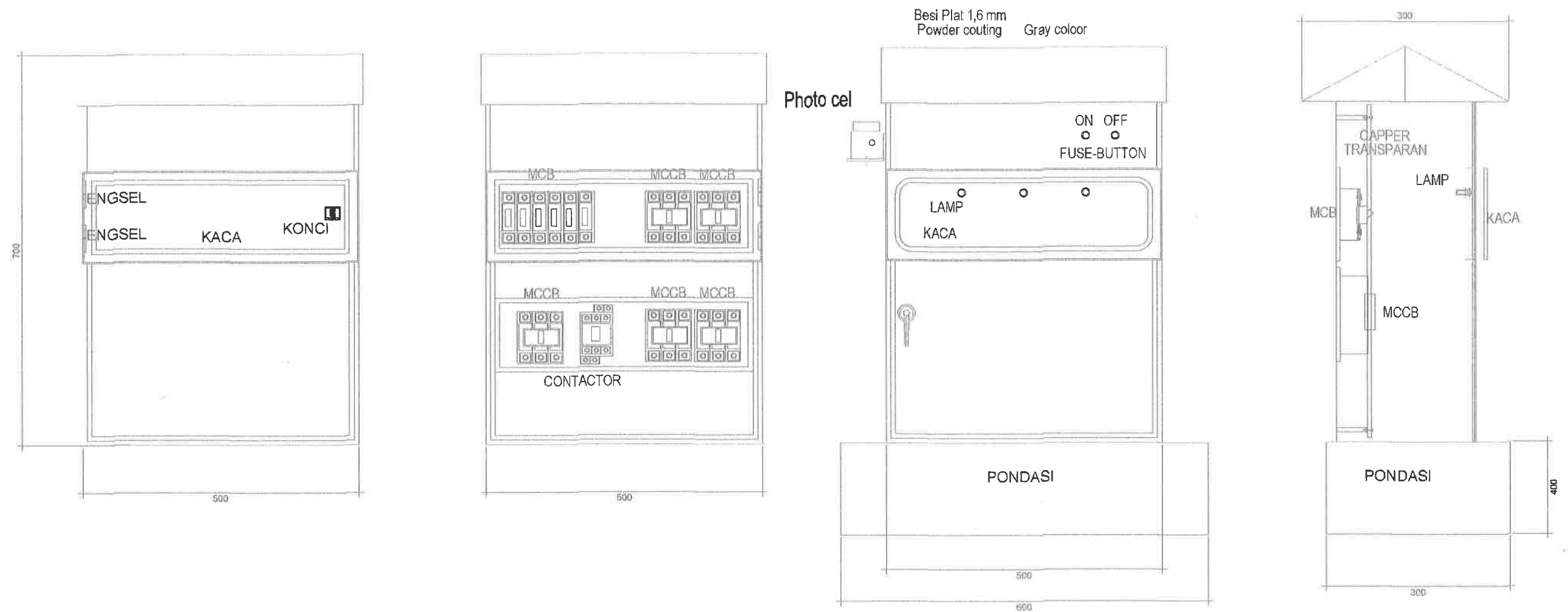
WIRING DIAGRAM  
PANEL 5

SKALA  
NTS

KODE

NO. LEMBAR

EL-12



DETAIL PEMASANGAN PANEL OUTDOOR  
(UKURAN PANEL DAN PONDASI MENYESUAIKAN KEBUTUHAN)



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**UNIVERSITAS DIPONEGORO**  
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Sipil  
Mekanikal

Ir. Purwanto  
Harlanto Wahyu Sasongko, ST, MT

JUDUL GAMBAR

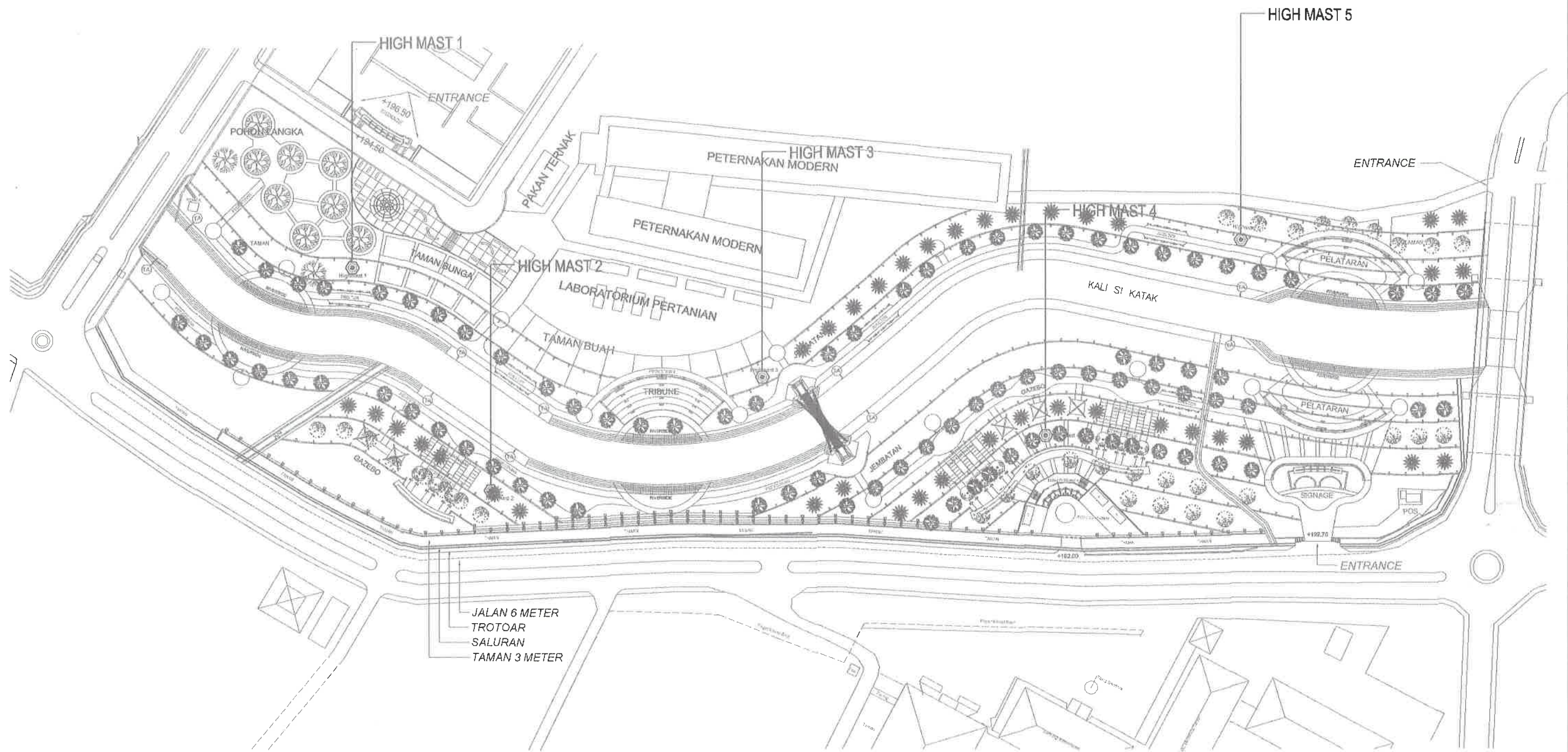
DETAIL PEMASANGAN  
PANEL OUTDOOR

SKALA  
NTS

KODE

NO. LEMBAR

EL-13

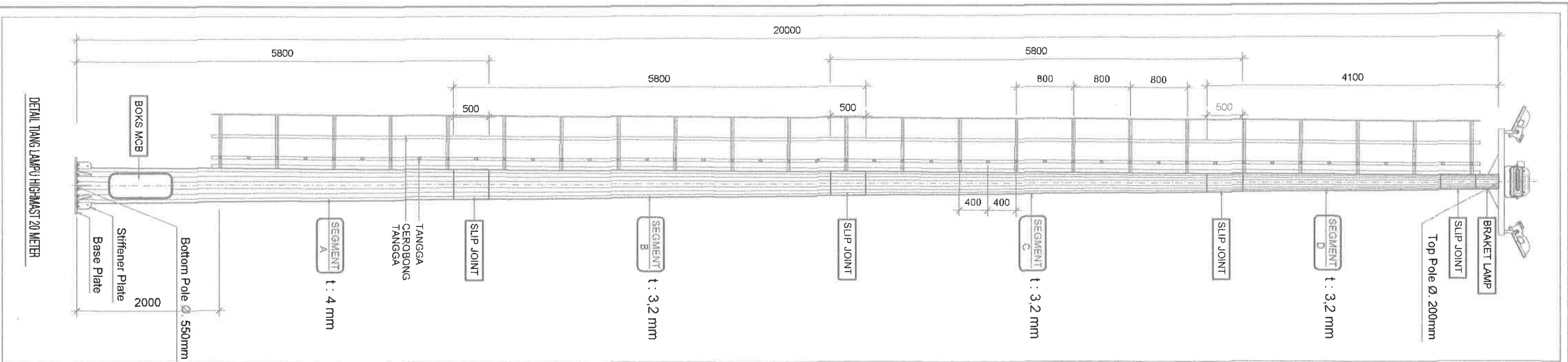


RENCANA

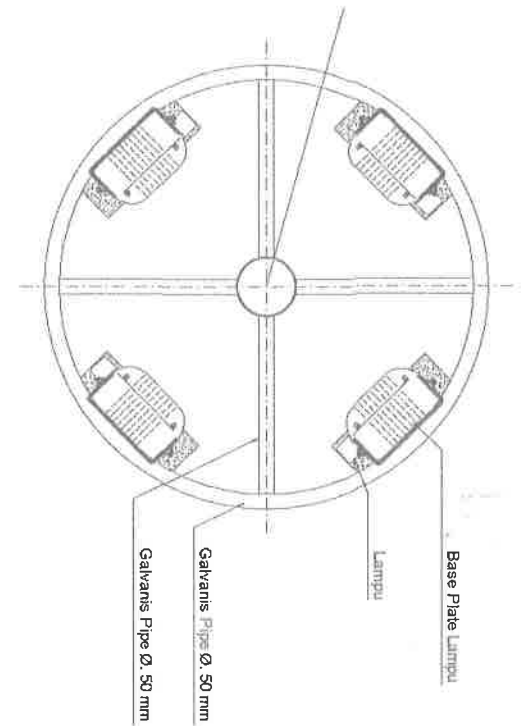
POSISI ITEM

JUDUL GAMBAR

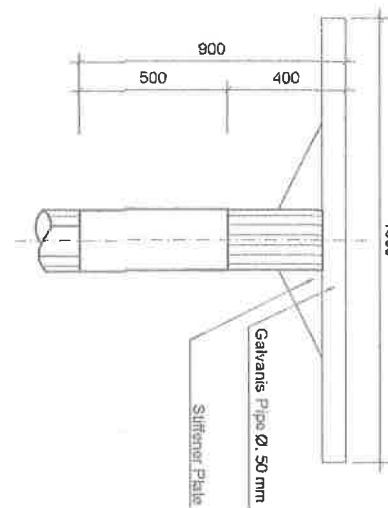
POSISI ITEM  
PEKERJAAN HIGH MAST



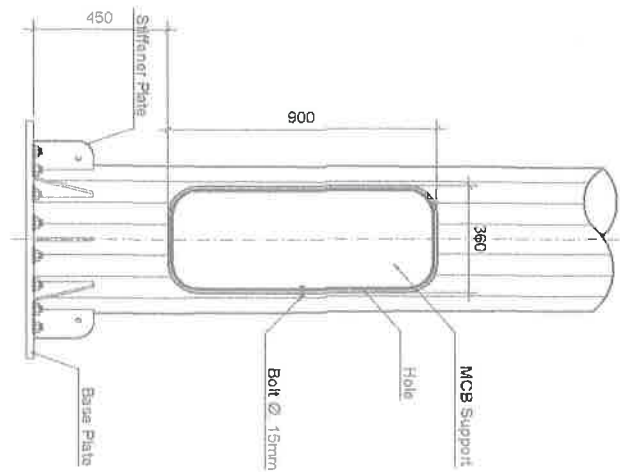
DETAIL TIANG LAMPU HIGHMAST 20 METER



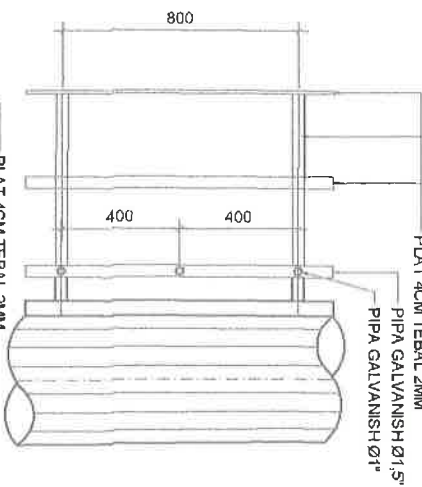
DETAIL BRACKET LAMPU DAN SLIP JOINT



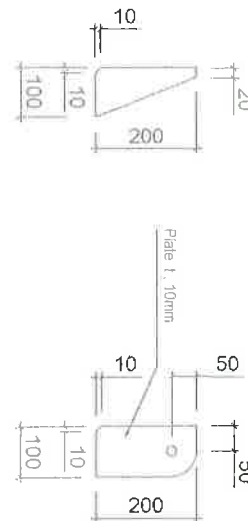
DETAIL BRACKET LAMPU



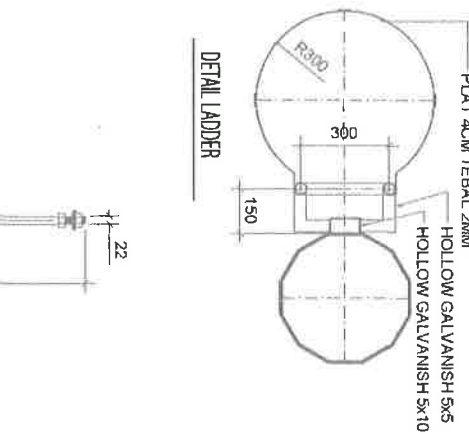
DETAIL HAND HOLE



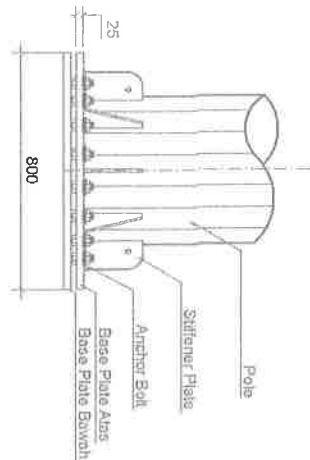
DETAIL LADDER



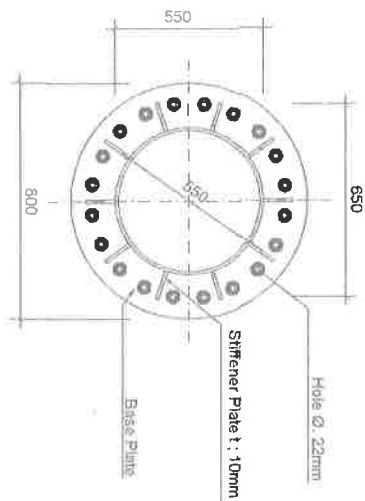
DETAIL STIFFENER / RIP PLATE



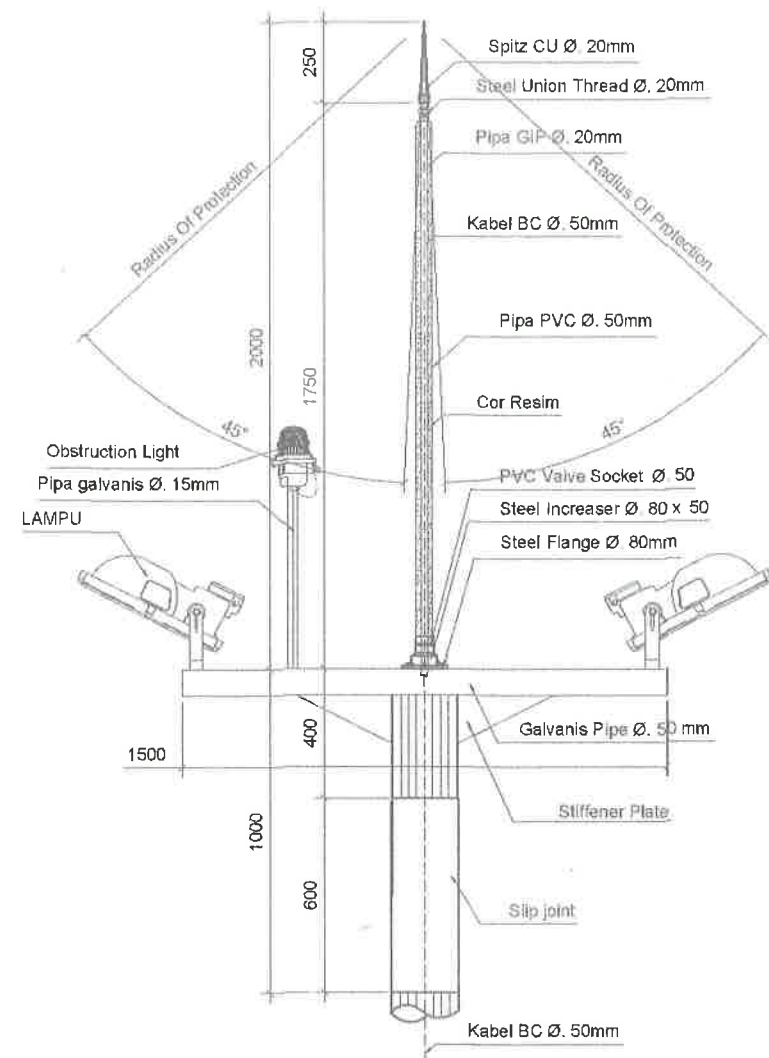
DETAIL ANCHOR



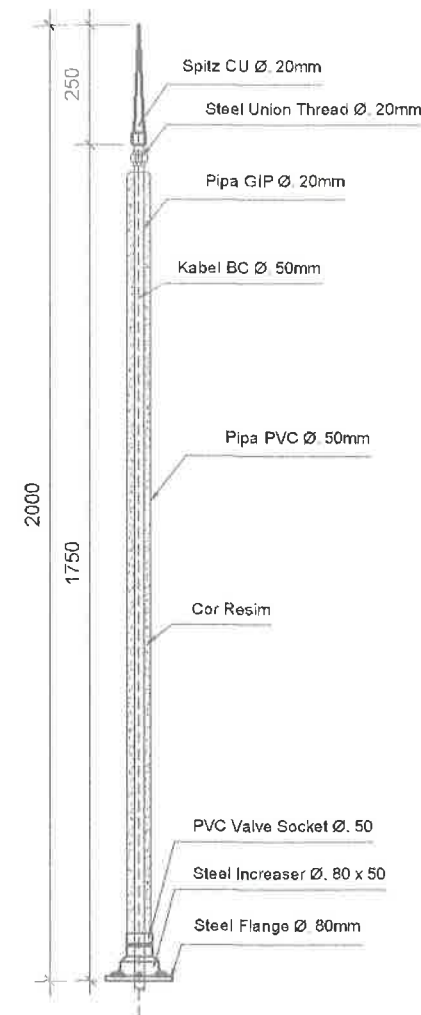
DETAIL BASE PLATE



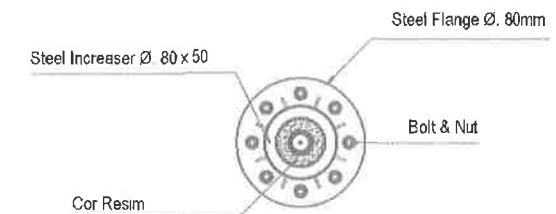
DETAIL ANCHOR



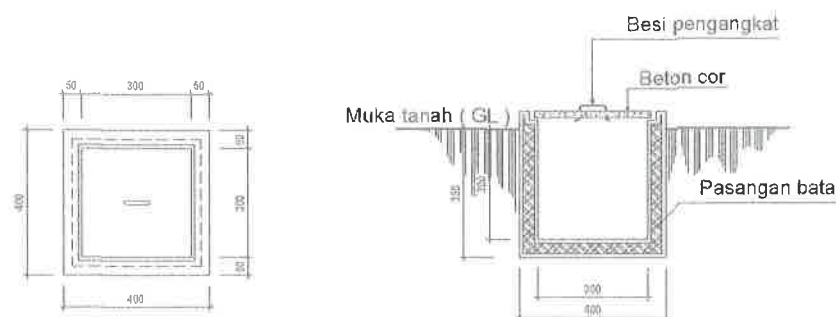
DETAIL PEMASANGAN SPITZ PADA BRACKET LAMPU



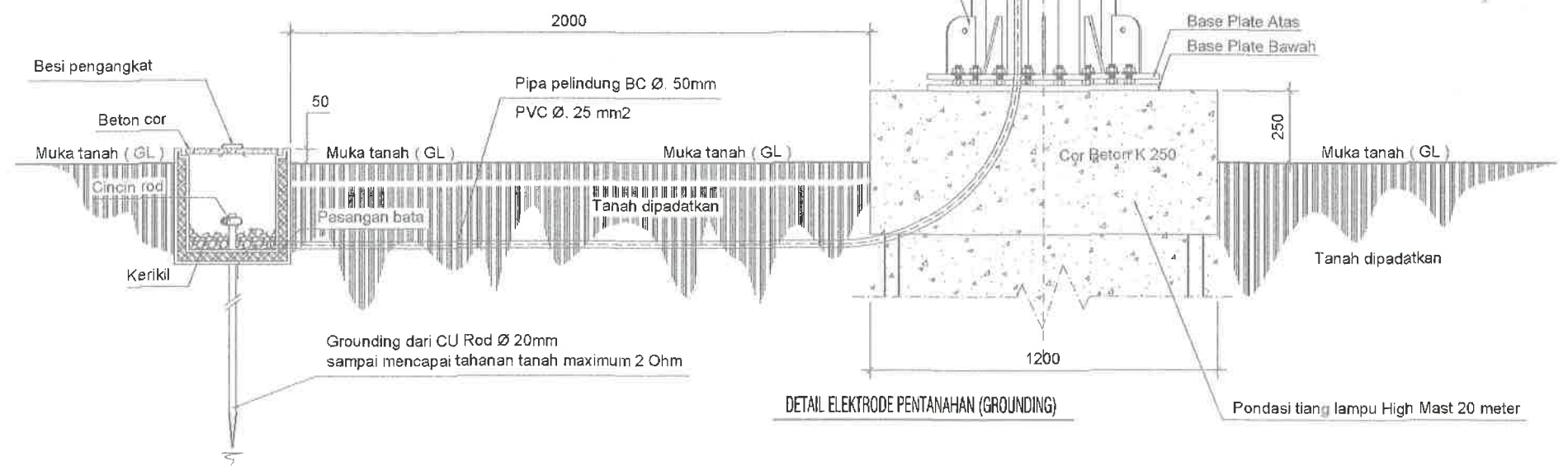
DETAIL KEPALA SPITZ CU



TAMPAK ATAS KEPALA SPITZ CU

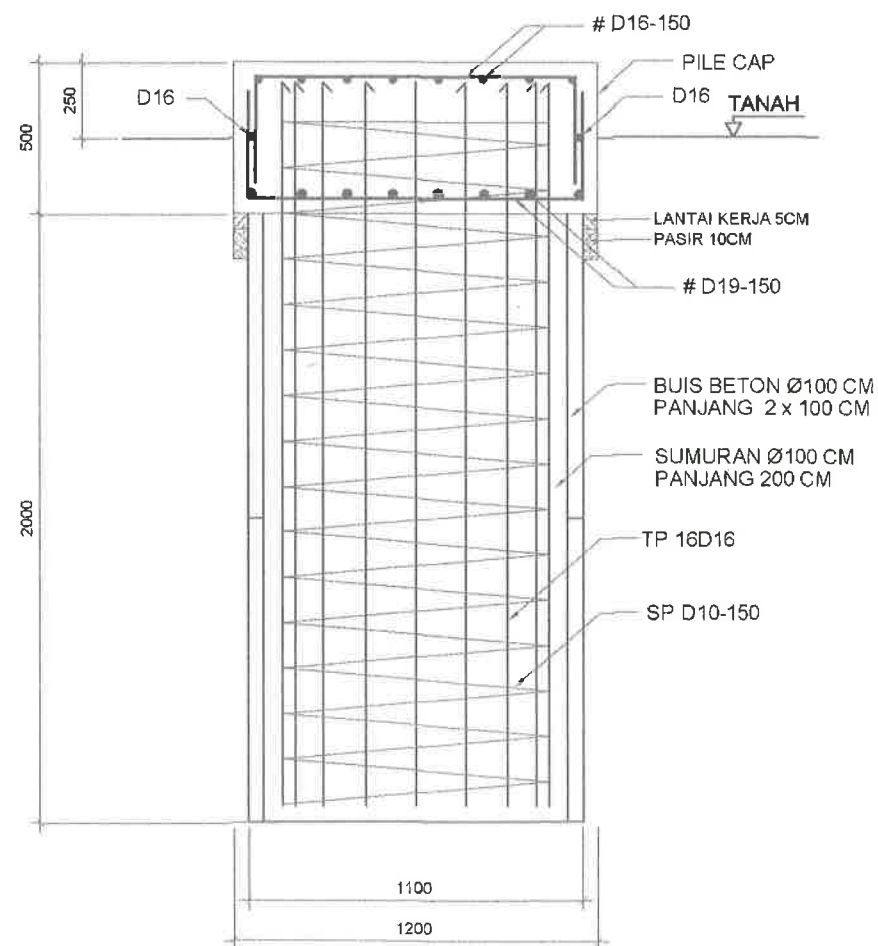


DETAIL BAK KONTROL GROUNDING

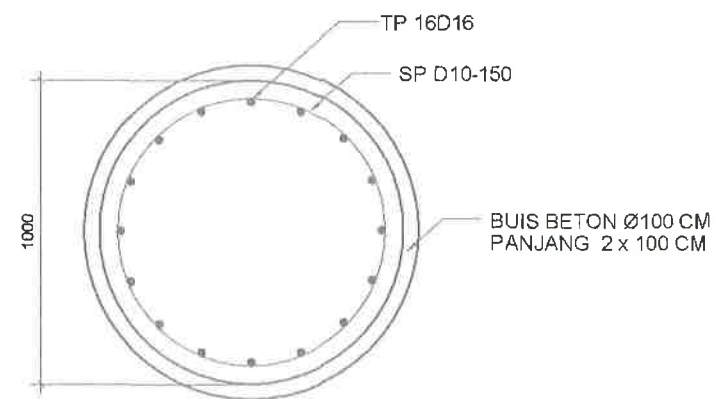
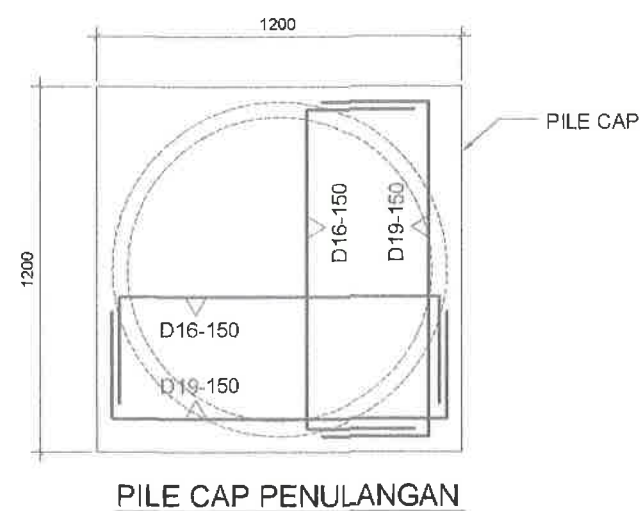
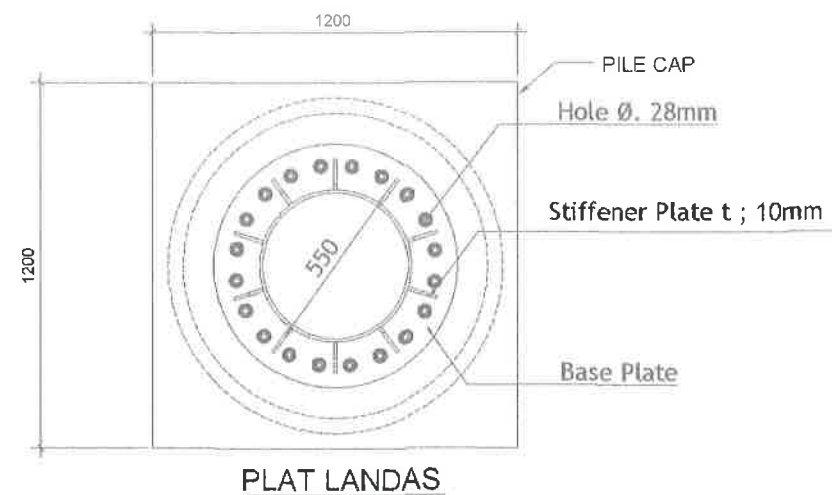


DETAIL ELEKTRODE PENTANAHAN (GROUNDING)

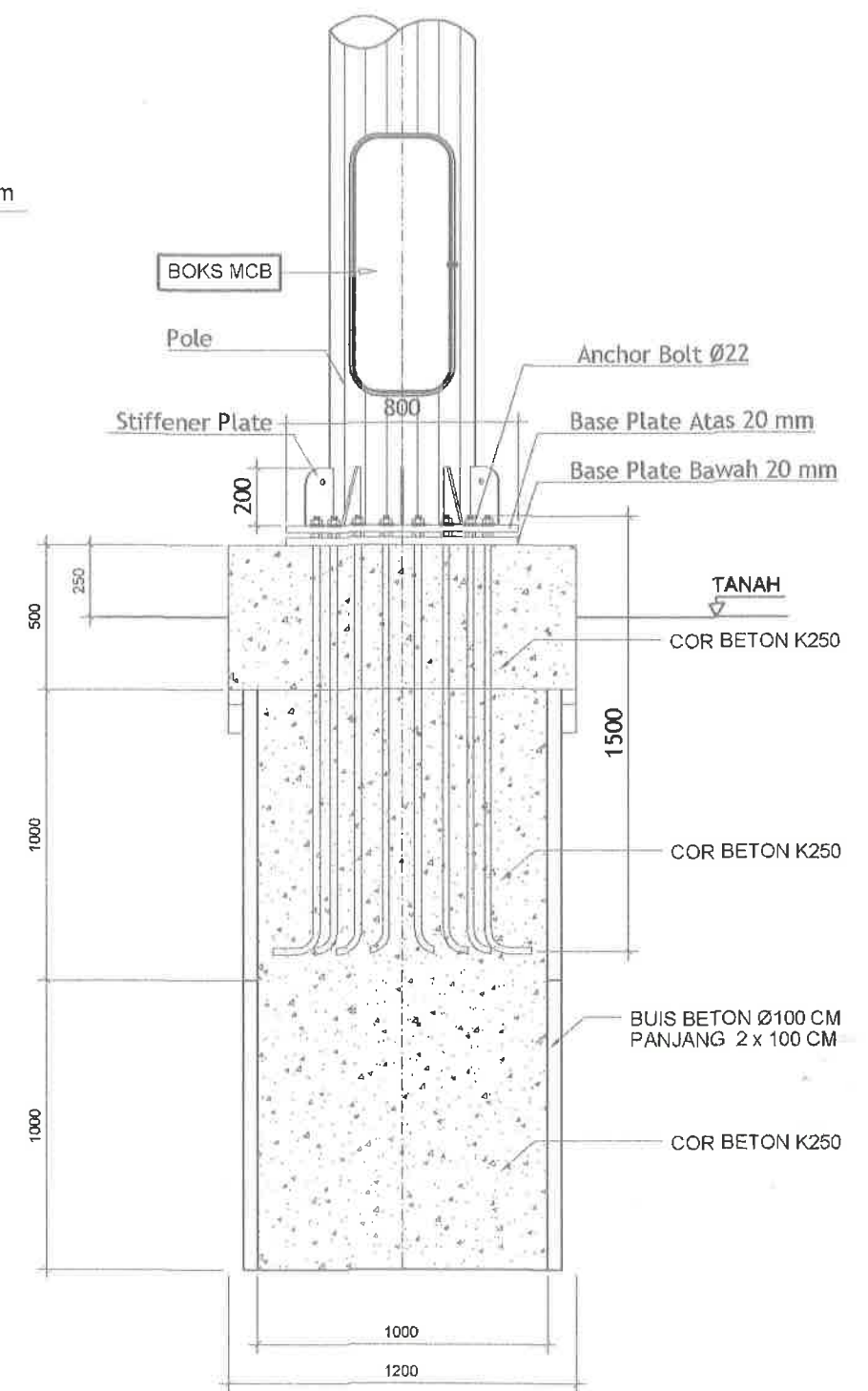
Pondasi tiang lampu High Mast 20 meter



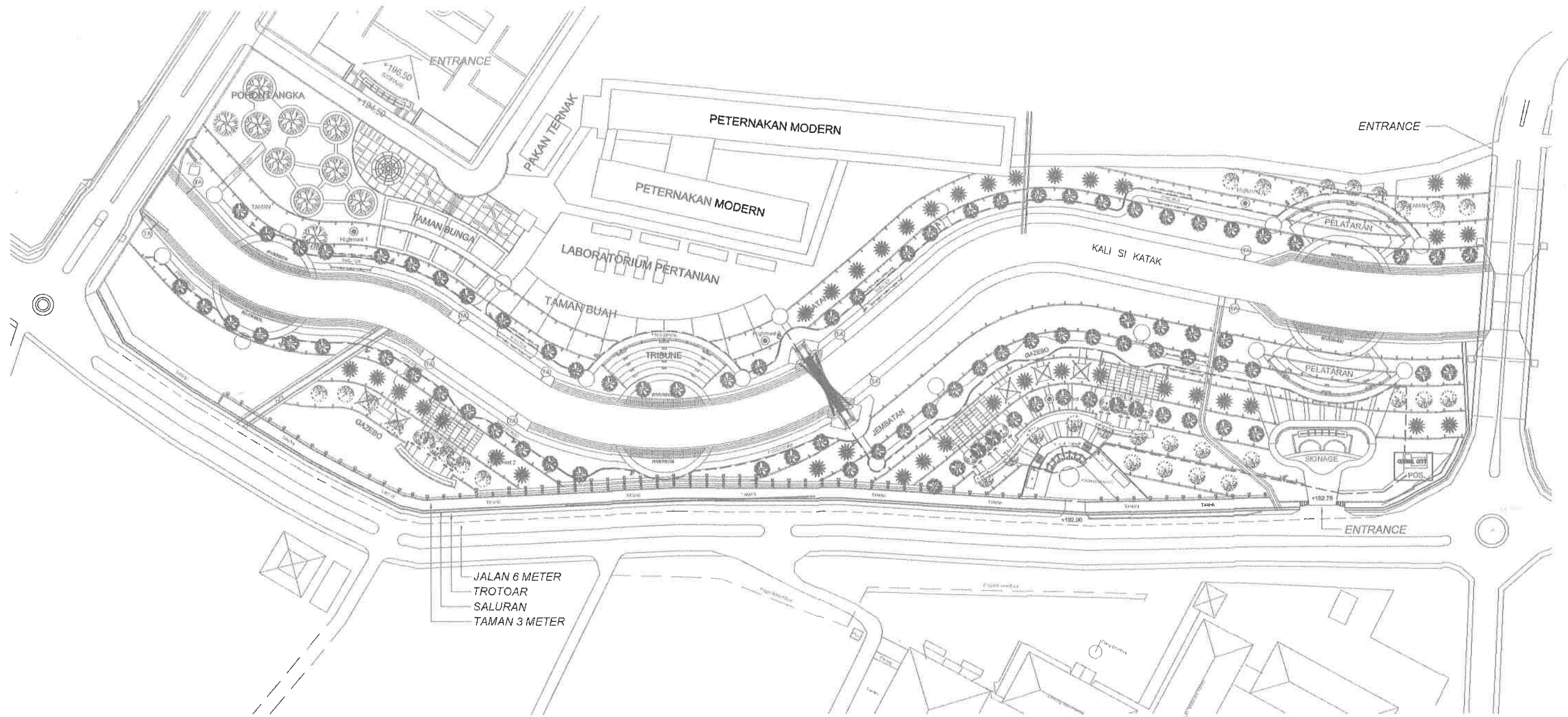
POTONGAN PENULANGAN



SUMURAN PENULANGAN

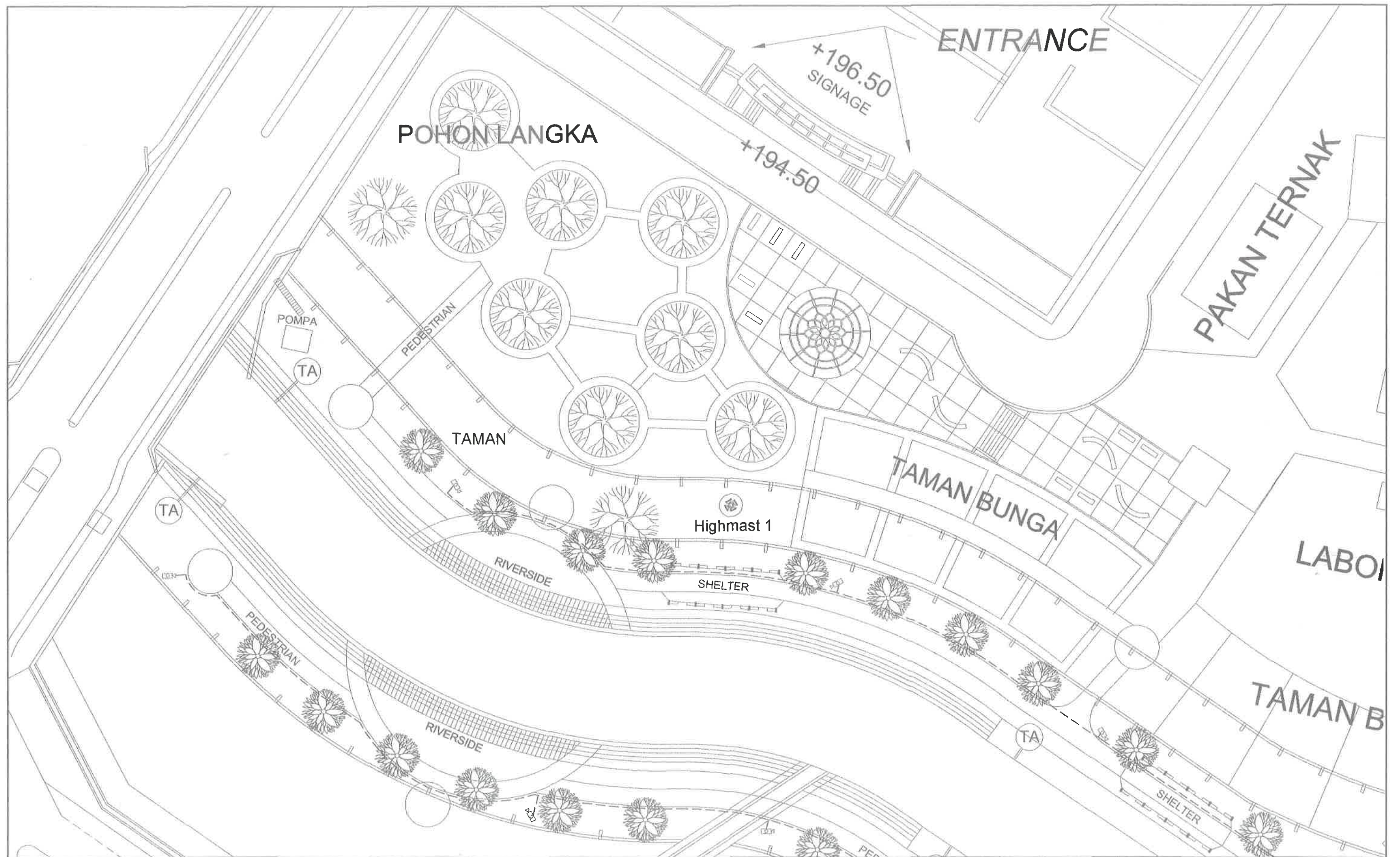


POTONGAN MUTU COR

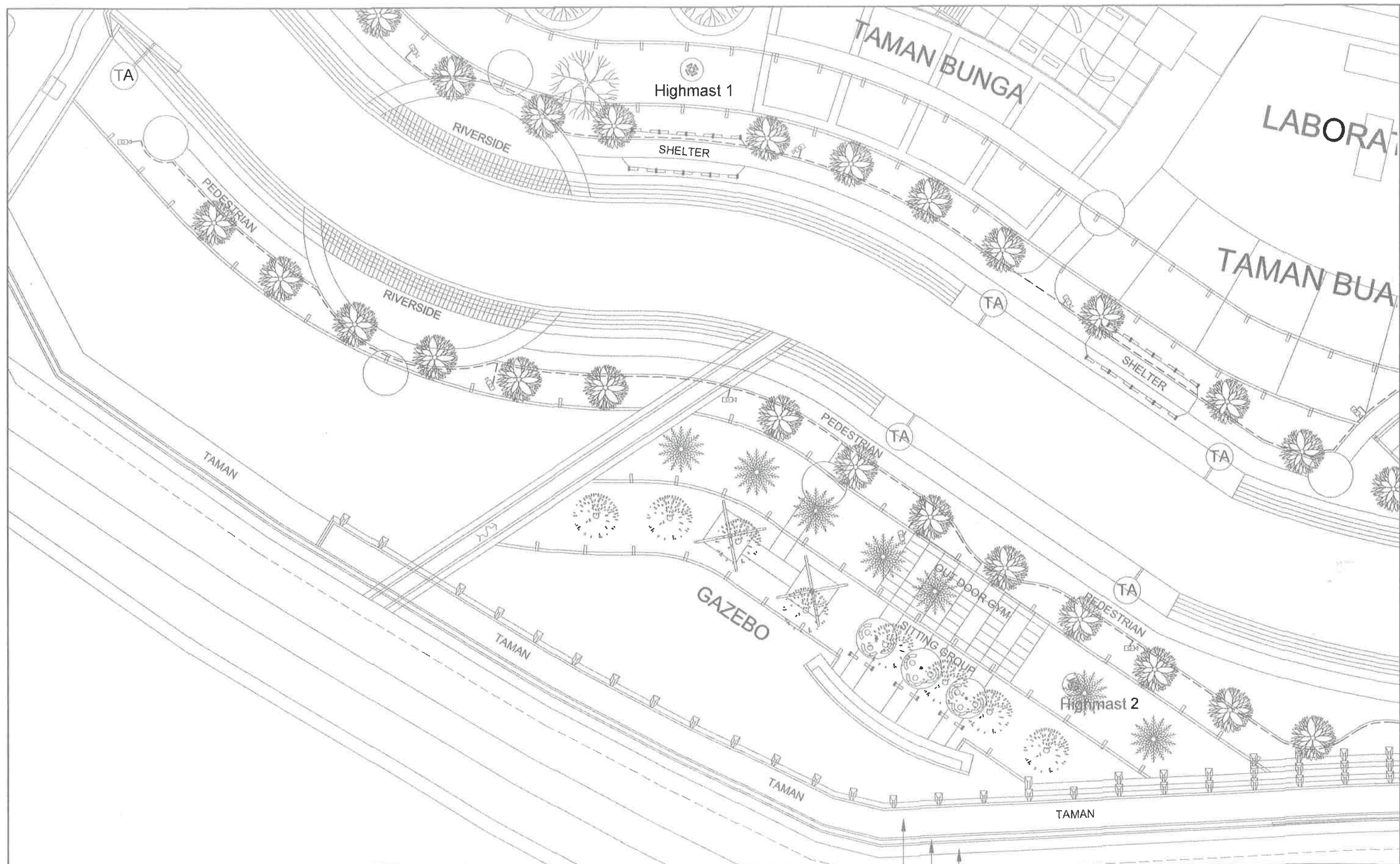


**RENCANA  
SITE PLAN**  
SKALA 1 : 1250

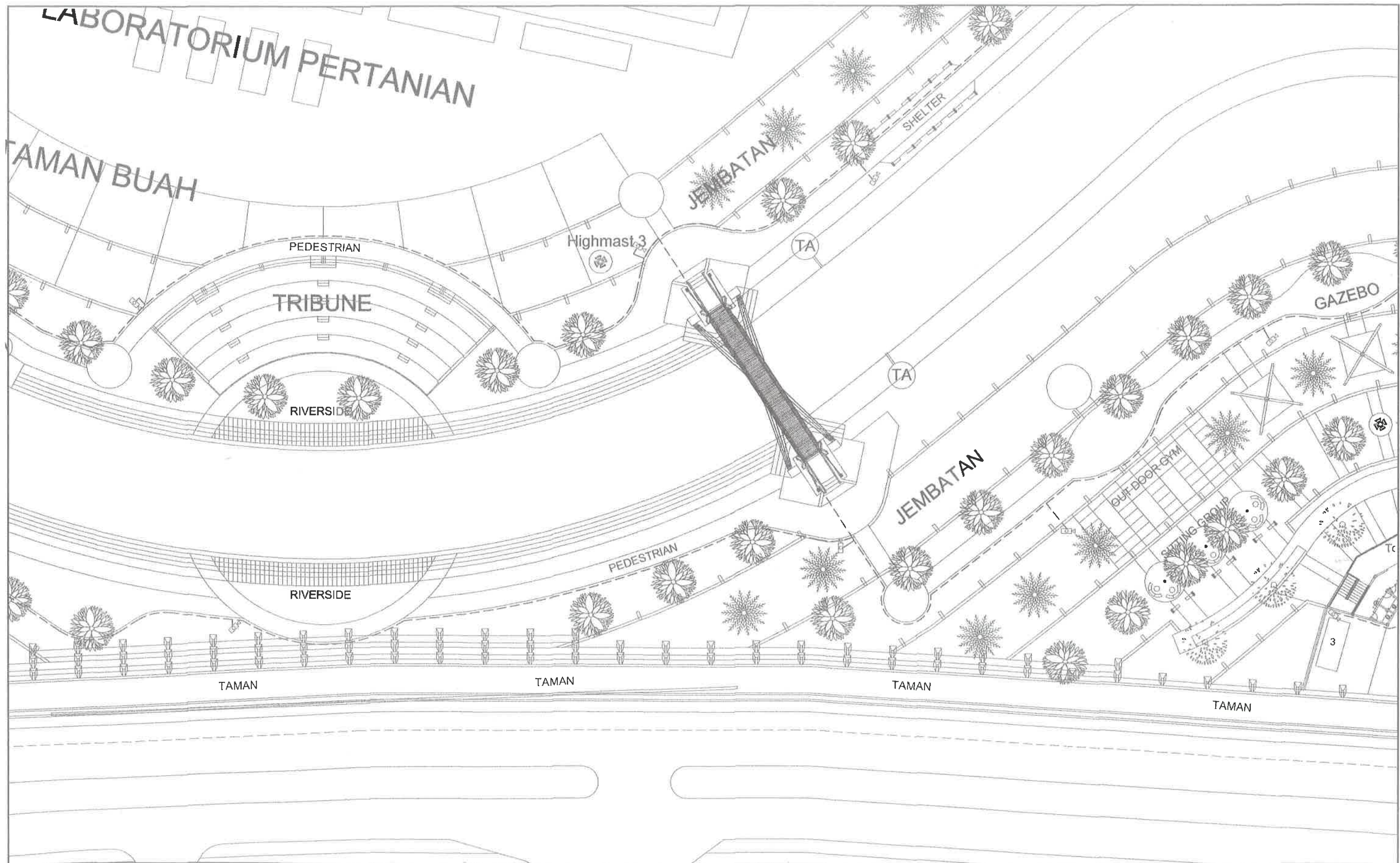
| <br>KEMENDIKBUD RISTEK<br><b>UNIVERSITAS DIPONEGORO</b><br>JL. Prof. H. SOEDHARTO, SH - TEMBALANG<br>SEMARANG | KEGIATAN                                                                                                                             | MENGETAHUI / MENSETUJUI                                                                                                            | KETUA TIM TEKNIS                                            | KONSULTAN PERENCANA                                                                                                                                                                  | JUDUL GAMBAR                       |      |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------|---------------------|
|                                                                                                                                                                                                  | PEKERJAAN<br><br><b>REVIEW DESAIN EDUPARK<br/>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br/>UNIVERSITAS DIPONEGORO</b><br><br>TAHUN 2024 | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN<br><br>Ari Eko Widyanoro, S.T., M.Si.<br>NIP. 1975 1017 200312 1 004 | Dr. Ir. Agung Dwiyanto, MSA.<br>NIP. 1962 0110 198902 1 001 | <br><b>CV. Stupa Ing</b><br>Jl. Prasetya Indah VI / 70 - Semarang<br>Email : stupaing@yahoo.com | <b>INSTALASI CCTV<br/>SITEPLAN</b> |      |                     |
|                                                                                                                                                                                                  |                                                                                                                                      |                                                                                                                                    |                                                             | Arsitek : Ir. Purwanto<br>Sipil : Harlanto Wahyu Sasongko, ST, MT<br>Mekanikal :                                                                                                     | SKALA<br>1 : 1250                  | KODE | NO. LEMBAR<br>EL-18 |



| KEGIATAN                                                                                                                                                                                         | MENGETAHUI / MENSETUJUI                                                                                                                          | KETUA TIM TEKNIS                                                                                                                   | KONSULTAN PERENCANA                                                                                                                                                                                                                                                                                                                                                                  | JUDUL GAMBAR     |                 |                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------------------|
|                                                                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                      | INSTALASI CCTV   | SITEPLAN ZONA 1 |                       |
| <br>KEMENDIKBUD RISTEK<br><b>UNIVERSITAS DIPONEGORO</b><br>JL. Prof. H. SOEDHARTO, SH - TEMBALANG<br>SEMARANG | PEKERJAAN<br><br><b>REVIEW DESAIN EDUPARK</b><br><b>(RUAS LAB TERPADU - JEMBATAN SIKATAK)</b><br><b>UNIVERSITAS DIPONEGORO</b><br><br>TAHUN 2024 | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN<br><br>Ari Eko Widyantoro, S.T., M.Si<br>NIP. 1975 1017 200312 1 004 | <div>  <b>CV. Stupa Ing</b><br/>           Jl. Prasetya Indah VI / 70 - Semarang<br/>           Email : stupaing@yahoo.com         </div> <div>           Arsitek<br/>           Ir. Purwanto         </div> <div>           Sipil<br/>           Harianto Wahyu Sasongko ST, MT         </div> | SKALA<br>1 : 400 | KODE            | NO. LEMBAR<br>FI - 19 |



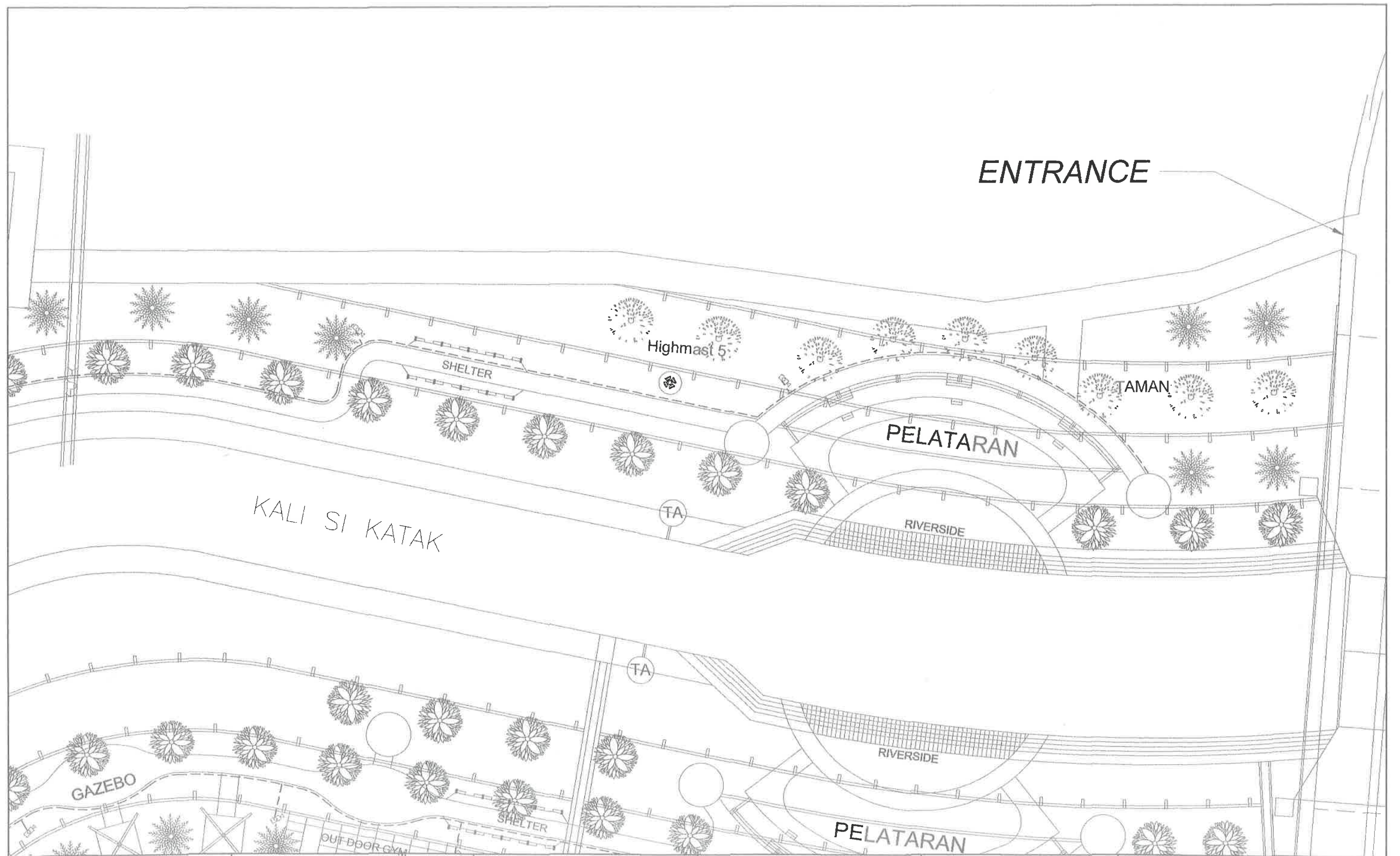
| <br>KEMENDIKBUD RISTEK<br><b>UNIVERSITAS DIPONEGORO</b><br>JL. Prof. H. SOEDHARTO, SH - TEMBALANG<br>SEMARANG | KEGIATAN                                                                                                                             | MENGETAHUI / MENSETUJUI                                                                                                             | KETUA TIM TEKNIS                                           | KONSULTAN PERENCANA                                                                                                                                                                  | JUDUL GAMBAR                                   |                             |                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------|--------------------------------------------|
|                                                                                                                                                                                                  | PEKERJAAN<br><br><b>REVIEW DESAIN EDUPARK<br/>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br/>UNIVERSITAS DIPONEGORO</b><br><br>TAHUN 2024 | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN<br><br>Ari Eko Widyantoro, S.T., M.Si.<br>NIP. 1975 1017 200312 1 004 | Dr.Ir. Agung Dwiyanto, MSA.<br>NIP. 1962 0110 198902 1 001 | <br><b>CV. Stupa Ing</b><br>Jl. Prasetya Indah VI / 70 - Semarang<br>Email : stupaing@yahoo.com | <b>INSTALASI CCTV<br/>SITEPLAN ZONA 2</b>      |                             |                                            |
|                                                                                                                                                                                                  |                                                                                                                                      |                                                                                                                                     |                                                            | Arsitek<br>Sipil<br>Mekanikal /                                                                                                                                                      | Ir. Purwanto<br>Hartanto Wahyu Sasongko ST, MT | SKALA<br><br><b>1 : 400</b> | KODE<br><br>NO. LEMBAR<br><br><b>EL-20</b> |



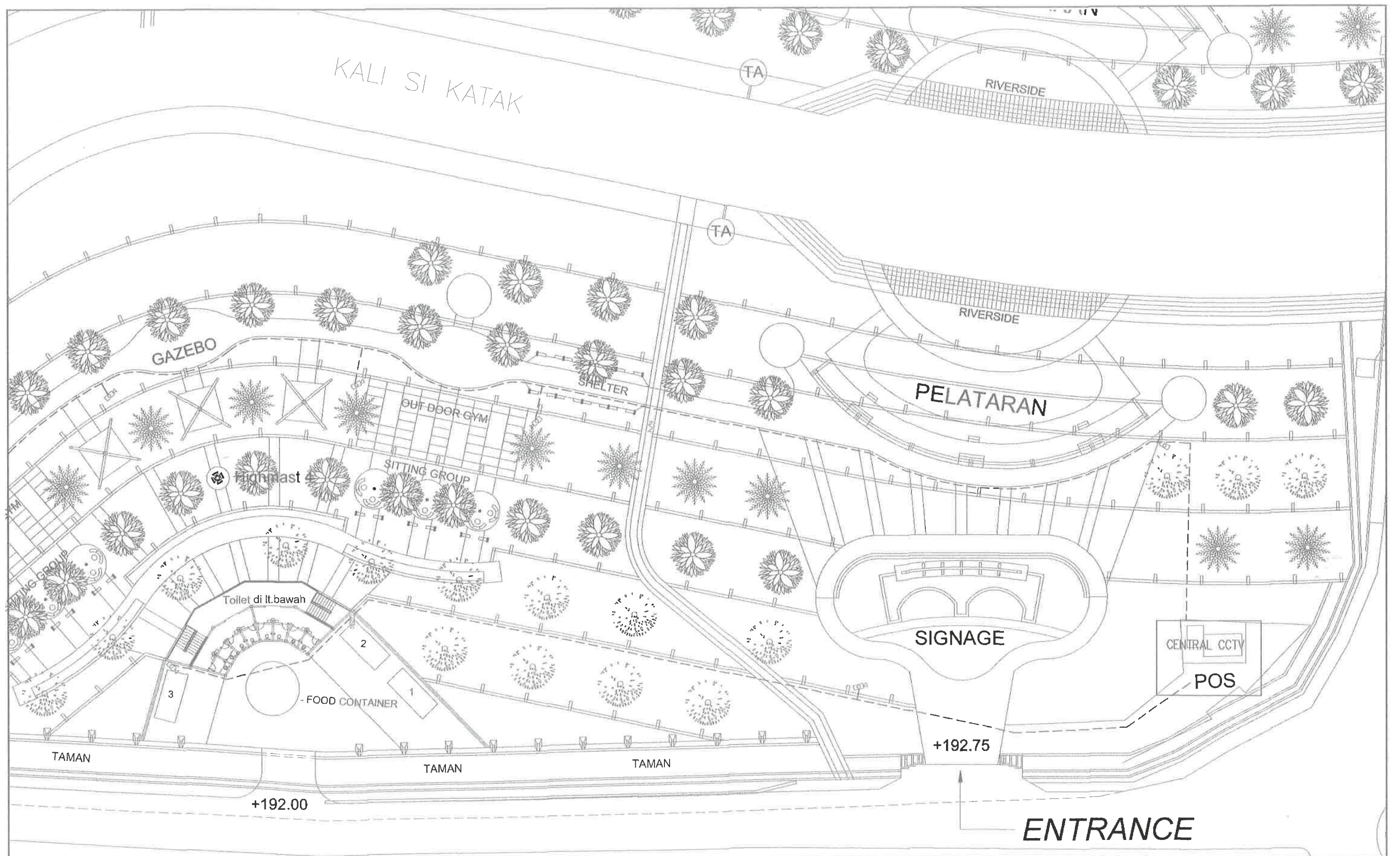
| KEGIATAN                             | MENGETAHUI / MENYETUJUI           | KETUA TIM TEKNIS            | KONSULTAN PERENCANA                                                                                             | JUDUL GAMBAR    |       |           |
|--------------------------------------|-----------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------|-------|-----------|
|                                      |                                   |                             |                                                                                                                 | INSTALASI CCTV  | SKALA | NO LEMBAR |
| PEKERJAAN                            | ATAS NAMA KUASA PENGGUNA ANGGARAN |                             | <div>CV. Stupa Ing</div> <div>Jl. Prasetya Indah VI / 70 - Semarang</div> <div>Email : stupaing@yahoo.com</div> | SITEPLAN ZONA 3 |       |           |
| REVIEW DESAIN EDUPARK                | PEJABAT PEMBUAT KOMITMEN          |                             |                                                                                                                 |                 |       |           |
| (RUAS LAB TERPADU - JEBATAN SIKATAK) |                                   |                             |                                                                                                                 |                 |       |           |
| UNIVERSITAS DIPONEGORO               |                                   |                             |                                                                                                                 |                 |       |           |
| TAHUN 2024                           |                                   |                             |                                                                                                                 |                 |       |           |
|                                      | Ari Eko Widyantoro, S.T., M.Si    | Dr.Ir. Agung Dwiyanto, MSA  | Arsitek Ir. Purwanto                                                                                            | 1 : 400         | KODE  | EL-21     |
|                                      | NIP. 1975 1017 200312 1 004       | NIP. 1962 0110 198902 1 001 | Sipil Hartanto Wahyu Sasengko, ST, MT                                                                           |                 |       |           |
|                                      |                                   |                             | Miksanul /                                                                                                      |                 |       |           |



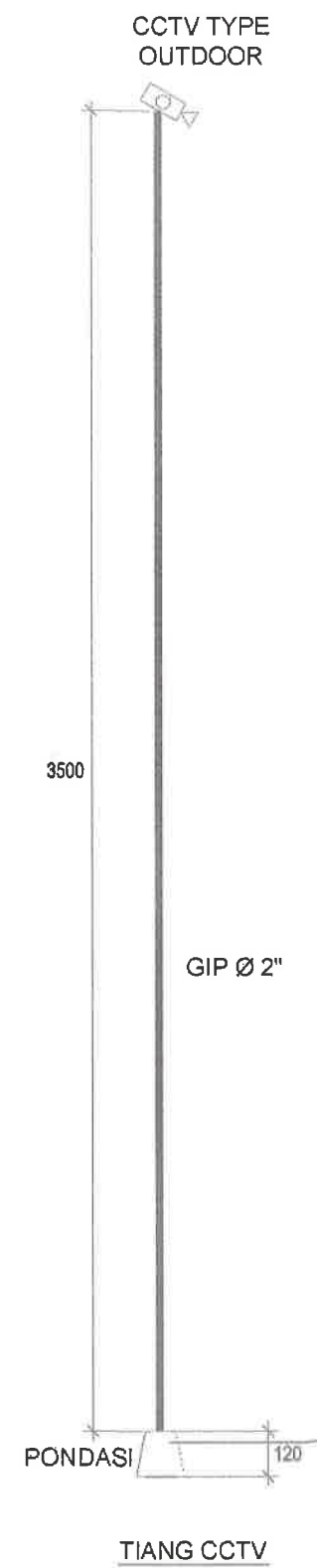
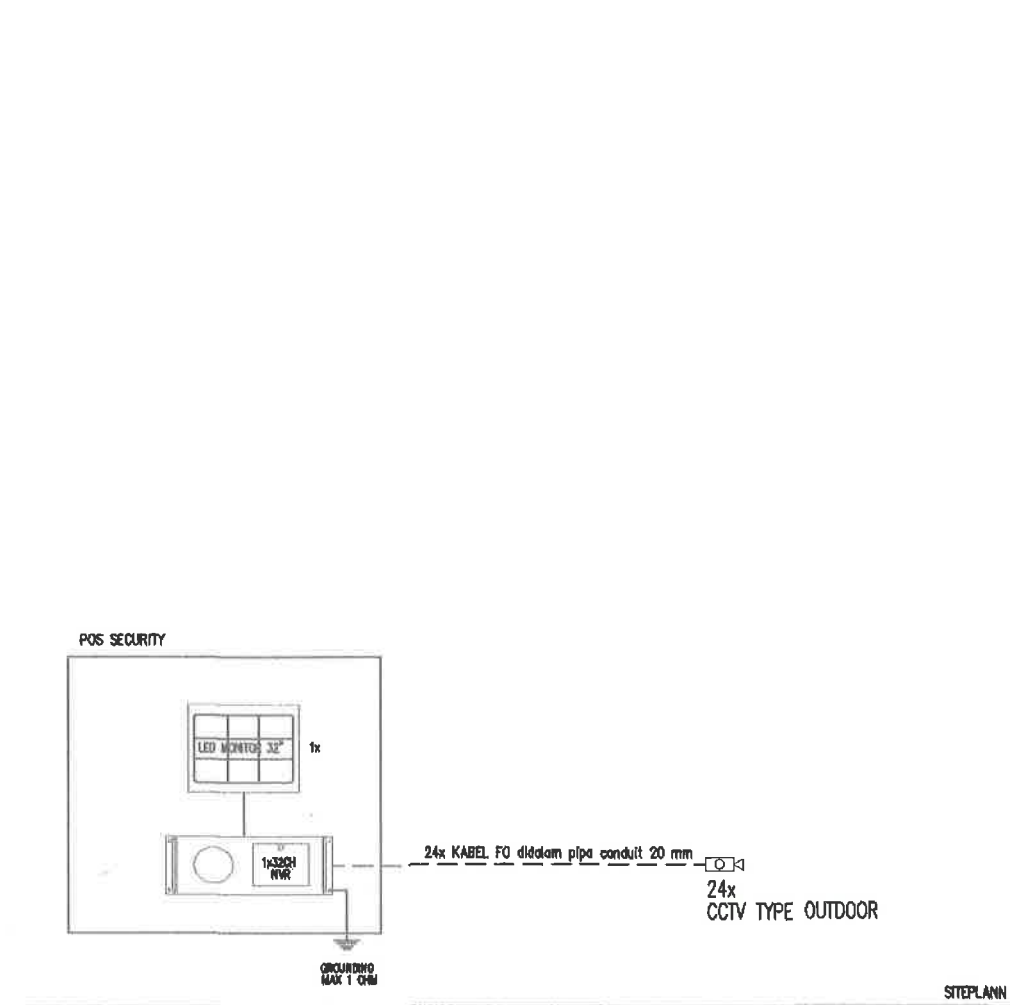
KEMENDIKBUD RISTEK  
UNIVERSITAS DIPONEGORO  
Jl. Prof. H. SOEDHARTO, SH - TEMBALANG  
SEMARANG



| <div></div> <div>KEMENDIKBUD RISTEK<br/>UNIVERSITAS DIPONEGORO<br/>Jl. Prof. H. SOEDHARTO, SH - TEMBALANG<br/>SEMARANG</div> | KEGIATAN                                                                                 | MENGETAHUI / MENYETUJUI                                                    | KETUA TIM TEKNIS                                                       | KONSULTAN PERENCANA                                                                                                                                                                                | JUDUL GAMBAR                      |              |       |      |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------|-------|------|------------|
|                                                                                                                                                                                                                 | PEKERJAAN                                                                                | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN              |                                                                        | <div></div> <div>CV. Stupa Inq<br/>Jl. Prasetya Indah VI / 70 - Semarang<br/>Email : stupainq@yahoo.com</div> | INSTALASI CCTV<br>SITEPLAN ZONA 4 |              |       |      |            |
|                                                                                                                                                                                                                 | REVIEW DESAIN EDUPARK<br>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br>UNIVERSITAS DIPONEGORO |                                                                            |                                                                        |                                                                                                                                                                                                    | Arsitek                           | Ir. Purwanto | SKALA | KODE | NO. LEMBAR |
|                                                                                                                                                                                                                 | TAHUN 2024                                                                               | <div>Ari Eko Widyantoro, S.T., M.Si.<br/>NIP. 1975 1017 200312 1 004</div> | <div>Dr. Ir. Agung Dwiyanto, MSA<br/>NIP. 1962 0110 198902 1 001</div> | Sipil                                                                                                                                                                                              | Harlanto Wahyu Sasongko ST, MT    | 1 : 400      |       |      |            |



| KEGIATAN                                                                                                                                                                                               | MENGETAHUI / MENSETUJUI                                                                                                                     | KETUA TIM TEKNIS                                                                                                                                    | KONSULTAN PERENCANA                                                       | JUDUL GAMBAR                                                                                                                                                                                  |                                                                           |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------|
|  <p>KEMENDIKBUD RISTEK<br/><b>UNIVERSITAS DIPONEGORO</b><br/>Jl. Prof. H. SOEDHARTO SH - TEMBALANG<br/>SEMARANG</p> | <p>PEKERJAAN</p> <p><b>REVIEW DESAIN EDUPARK<br/>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br/>UNIVERSITAS DIPONEGORO</b></p> <p>TAHUN 2024</p> | <p>ATAS NAMA KUASA PENGGUNA ANGGARAN<br/>PEJABAT PEMBUAT KOMITMEN</p> <p><u>Ari Eko Widyantoro, S.T., M.Si.</u><br/>NIP. 1975 1017 200312 1 004</p> | <p><u>Dr.Ir. Agung Dwiyanto, MSA.</u><br/>NIP. 1962 0110 198902 1 001</p> | <p><b>CV. Stupa Ing</b><br/>Jl. Prastya Indah VI / 70 - Semarang<br/>Email : stupaing@yahoo.com</p> <p>Arsitek / Ir. Purwanto<br/>Sipil / Hartanto Wahyu Sasongko, ST, MT<br/>Mekanikal /</p> | <p><b>INSTALASI CCTV<br/>SITEPLAN ZONA 5</b></p> <p>SKALA<br/>1 : 400</p> | <p>KODE<br/>NO LEMBAR<br/>EL-23</p> |



| <br>KEMENDIKBUD RISTEK<br><b>UNIVERSITAS DIPONEGORO</b><br>Jl. Prof. H. SOEDHARTO, SH - TEMBALANG<br>SEMARANG | KEGIATAN                                                                                                                    | MENGETAHUI / MENYETUJUI                                                                                                             | KETUA TIM TEKNIS                                                    | KONSULTAN PERENCANA                                                                                                                                                                                                                                                    | JUDUL GAMBAR                            |      |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------|------------|
|                                                                                                                                                                                                  | PEKERJAAN<br><br>REVIEW DESAIN EDUPARK<br>(RUAS LAB TERPADU - JEMBATAN SIKATAK)<br>UNIVERSITAS DIPONEGORO<br><br>TAHUN 2024 | ATAS NAMA KUASA PENGGUNA ANGGARAN<br>PEJABAT PEMBUAT KOMITMEN<br><br>Ari Eko Widyantoro, S.T., M.Si.<br>NIP. 1975 1017 200312 1 004 | <br><br>Dr. Ir. Agung Dwiyanto, MSA.<br>NIP. 1962 0110 198902 1 001 | <br><b>CV. Stupa Ing</b><br>Jl. Prasetya Indah VI / 70 - Semarang<br>Email: stupaing@yahoo.com<br><br>Arsitek Ir. Purwanto<br>Sipil Hartanto Wahyu Sasongko ST, MT<br>Mekanikal / | DIAGRAM SISTEM CCTV<br>DAN DETAIL TIANG |      |            |
|                                                                                                                                                                                                  |                                                                                                                             |                                                                                                                                     |                                                                     |                                                                                                                                                                                                                                                                        | SKALA                                   | KODE | NO. LEMBAR |
|                                                                                                                                                                                                  |                                                                                                                             |                                                                                                                                     |                                                                     |                                                                                                                                                                                                                                                                        | NTS                                     |      | EL-24      |