

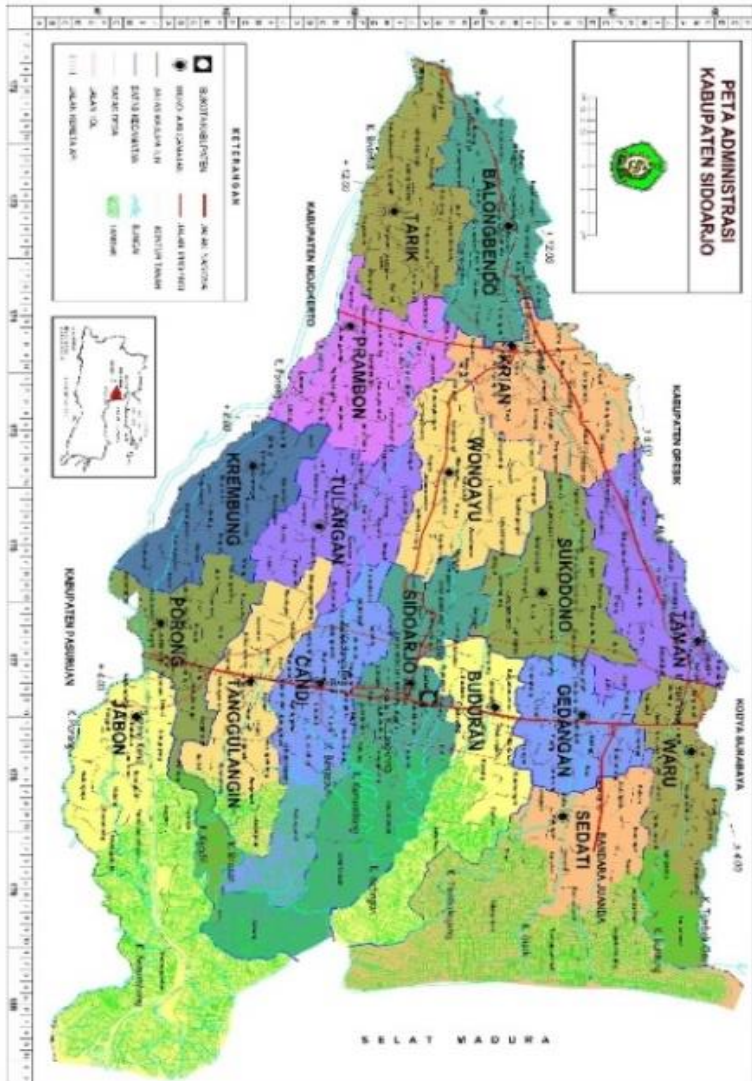
## LAMPIRAN

### Lampiran 1 Tabel koefisien (C)

| No          | Deskripsi Lahan / Karakter Permukaan | Koefisien C                |
|-------------|--------------------------------------|----------------------------|
| 1.          | Bisnis                               |                            |
|             | ▪ Perkotaan<br>▪ Pinggiran           | 0,70 – 0,95<br>0,50 – 0,70 |
| 2.          | Perumahan                            |                            |
|             | ▪ rumah tunggal                      | 0,30 – 0,50                |
|             | ▪ multiunit terpisah, terpisah       | 0,40 – 0,60                |
|             | ▪ multiunit, tergabung               | 0,60 – 0,75                |
|             | ▪ perkampungan                       | 0,25 – 0,40                |
| ▪ apartemen | 0,50 – 0,70                          |                            |
| 3           | Industri                             |                            |
|             | ▪ ringan<br>▪ berat                  | 0,50 – 0,80<br>0,60 – 0,90 |
|             | Perkerasan                           |                            |
|             | ▪ aspal dan beton                    | 0,70 – 0,95                |
|             | ▪ batu bata, paving                  | 0,50 – 0,70                |
|             | Atap                                 | 0,75 – 0,95                |
|             | Halaman, tanah berpasir              |                            |
|             | datar 2%                             | 0,05 – 0,10                |
|             | rata-rata 2 – 7%                     | 0,10 – 0,15                |
|             | curam 7%                             | 0,15 – 0,20                |
|             | Halaman tanah berat                  |                            |
|             | datar 2%                             | 0,13 – 0,17                |
|             | rata-rata 2 – 7%                     | 0,18 – 0,22                |
|             | curam 7%                             | 0,25 – 0,35                |
|             | Halaman kereta api                   | 0,10 – 0,35                |
|             | Taman tempat bermain                 | 0,20 – 0,35                |
|             | Taman, pekuburan                     | 0,10 – 0,25                |
|             | Hutan                                |                            |
|             | datar, 0 – 5%                        | 0,10 – 0,40                |
|             | bergelombang, 5 – 10%                | 0,25 – 0,50                |
|             | berbukit 10 – 30%                    | 0,30 – 0,60                |

Sumber : mcguen 1989 dalam Suripin 2003

## Lampiran 2 Peta Topografi Sidoarjo



Sumber : Badan Pusat Statistik Kabupaten Sidoarjo.

### Lampiran 3 STA EXSISTING

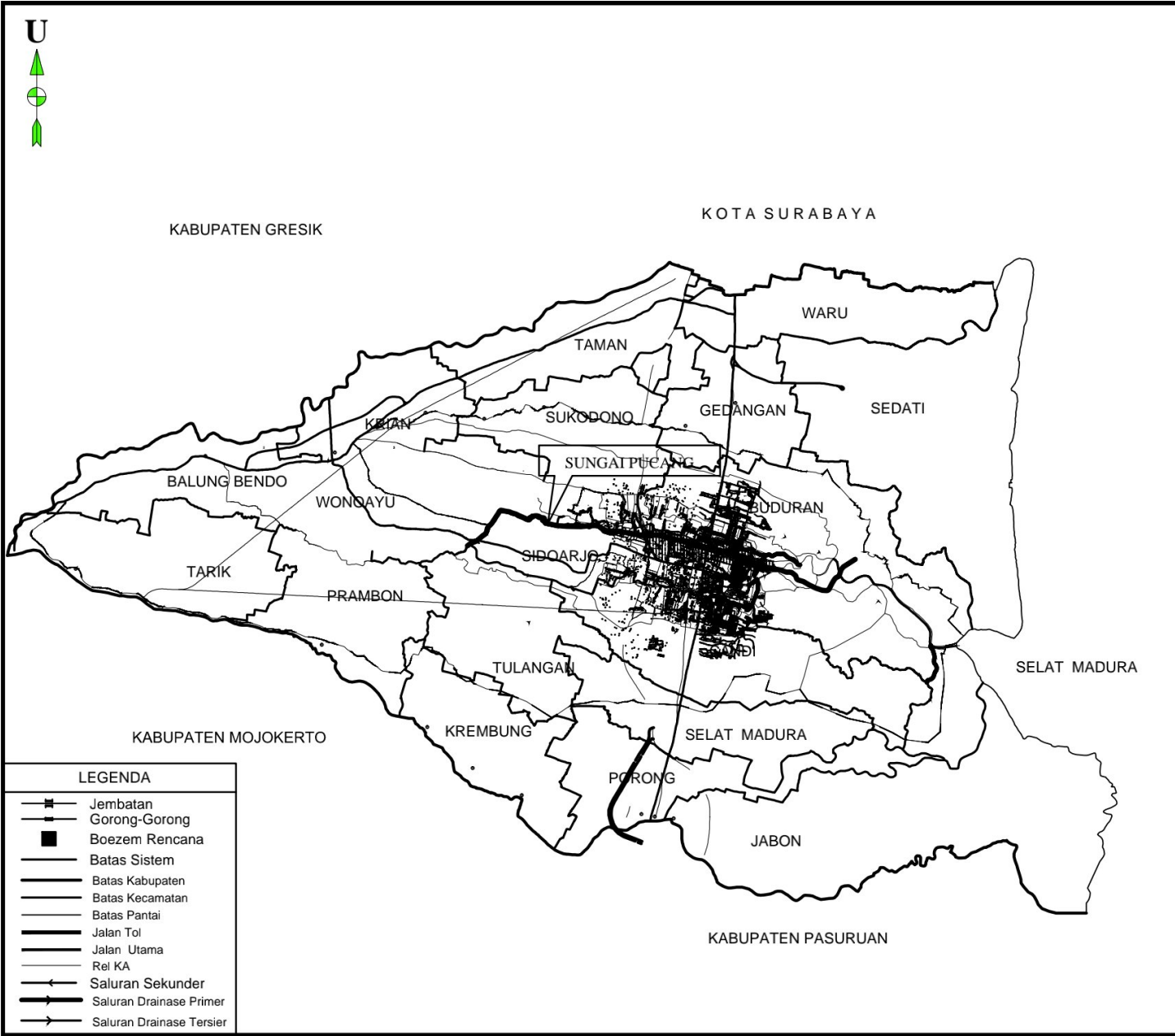
| STA 0/P161 |         | STA 1/P163  |         | STA 2/P158A |         | STA 3/P154 |         | STA 4/P150a |         | STA 5/P147 |         | STA 6/P143 |         | STA 7/P139 |         | STA 8/P133 |         |
|------------|---------|-------------|---------|-------------|---------|------------|---------|-------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|
| Sta        | Elevasi | Sta         | Elevasi | Sta         | Elevasi | Sta        | Elevasi | Sta         | Elevasi | Sta        | Elevasi | Sta        | Elevasi | Sta        | Elevasi | Sta        | Elevasi |
| 0.000      | 2.340   | 0.000       | 2.340   | 0.000       | 2.340   | 0.000      | 2.340   | 0.000       | 2.340   | 0.000      | 1.590   | 0.000      | 2.520   | 0.000      | 2.500   | 0.000      | 2.460   |
| 1.630      | 2.340   | 1.630       | 2.340   | 1.630       | 2.340   | 1.630      | 2.340   | 1.630       | 2.340   | 0.500      | 1.590   | 19.920     | 2.520   | 0.750      | 1.27    | 1.300      | 2.46    |
| 3.300      | 2.340   | 3.300       | 2.340   | 3.300       | 2.340   | 3.300      | 2.340   | 3.300       | 2.340   | 2.120      | 2.430   | 21.590     | 2.520   | 1.940      | 2.640   | 2.170      | 3.190   |
| 4.300      | -1.370  | 4.300       | -1.370  | 4.300       | -1.370  | 4.300      | -0.370  | 4.300       | 0.370   | 2.510      | 0.740   | 21.990     | 1.650   | 3.600      | 2.640   | 3.930      | 3.190   |
| 5.300      | -1.550  | 5.300       | 1.300   | 5.300       | 1.050   | 5.300      | -0.800  | 5.300       | 0.100   | 3.510      | 0.400   | 22.990     | 0.800   | 4.020      | 1.580   | 4.440      | 1.450   |
| 23.170     | -1.550  | 21.840      | -1.300  | 20.580      | -1.050  | 22.580     | -0.800  | 19.890      | 0.100   | 3.900      | 0.400   | 32.730     | 0.800   | 5.020      | 1.100   | 5.440      | 1.400   |
| 23.550     | 1.450   | 22.220      | -0.450  | 20.960      | 1.450   | 22.960     | -0.370  | 20.250      | 0.450   | 16.480     | 0.740   | 33.730     | 1.660   | 13.800     | 1.100   | 11.650     | 1.400   |
| 23.930     | 2.340   | 22.600      | 2.340   | 21.340      | 2.340   | 23.340     | 2.340   | 20.610      | 2.340   | 18.150     | 0.740   | 34.030     | 2.520   | 14.800     | 1.580   | 12.650     | 1.450   |
| 25.790     | 2.340   | 24.460      | 2.340   | 23.200      | 2.340   | 25.200     | 2.340   | 22.470      | 2.340   | 20.860     | 2.430   | 35.480     | 2.520   | 15.220     | 2.640   | 13.160     | 3.190   |
| 29.060     | 2.340   | 27.730      | 2.340   | 26.470      | 2.340   | 28.470     | 2.340   | 25.740      | 2.340   | 21.860     | 2.430   | 37.16      | 1.410   | 16.870     | 2.640   | 13.670     | 3.190   |
|            |         |             |         |             |         |            |         |             |         | 26.060     | 1.430   |            |         | 18.520     | 2.640   | 15.280     | 2.310   |
| STA 9/P125 |         | STA 10/P117 |         | STA 11/P85  |         | STA 12/P81 |         | STA 13/P73  |         | STA 14/P53 |         | STA 15/P45 |         | STA 16/P41 |         | STA 17/P37 |         |
| Sta        | Elevasi | Sta         | Elevasi | Sta         | Elevasi | Sta        | Elevasi | Sta         | Elevasi | Sta        | Elevasi | Sta        | Elevasi | Sta        | Elevasi | Sta        | Elevasi |
| 0          | 3.35    | 0.000       | 2.570   | 0.000       | 2.200   | 0          | 3.190   | 0.000       | 3.560   | 0.000      | 6.000   | 0.000      | 7.860   | 0.000      | 6.280   | 0.000      | 8.200   |
| 1.220      | 3.350   | 1.000       | 2.570   | 1.270       | 2.200   | 0.89       | 4.150   | 0.950       | 4.510   | 1.450      | 6.140   | 1.320      | 6.360   | 0.520      | 6.790   | 0.600      | 7.000   |
| 3.160      | 3.350   | 1.490       | 3.470   | 3.140       | 3.180   | 3.87       | 4.15    | 6.000       | 4.510   | 5.310      | 6.140   | 2.140      | 6.360   | 3.200      | 6.790   | 2.780      | 7.000   |
| 3.680      | 2.340   | 2.450       | 2.200   | 3.510       | 3.190   | 5.84       | 2.31    | 8.030       | 0.750   | 7.890      | 3.370   | 4.570      | 3.570   | 5.350      | 4.450   | 3.400      | 4.540   |
| 4.680      | 1.850   | 2.970       | 1.900   | 4.350       | 2.200   | 7.24       | 2.2     | 9.430       | 2.750   | 9.290      | 2.750   | 5.970      | 2.900   | 6.750      | 3.100   | 4.800      | 3.400   |
| 15.000     | 1.850   | 3.970       | 1.900   | 8.270       | 2.150   | 15.52      | 2.2     | 19.020      | 2.650   | 22.290     | 2.700   | 13.540     | 2.900   | 20.970     | 3.100   | 13.360     | 3.400   |
| 16.000     | 2.400   | 14.320      | 1.900   | 12.290      | 2.150   | 16.92      | 2.31    | 20.420      | 2.650   | 23.690     | 3.370   | 14.940     | 3.570   | 22.370     | 4.450   | 14.760     | 4.540   |
| 16.520     | 3.350   | 15.320      | 3.400   | 13.730      | 3.640   | 18.89      | 4.15    | 22.450      | 2.750   | 26.270     | 6.140   | 17.370     | 6.360   | 24.520     | 6.790   | 15.360     | 7.000   |
| 18.549     | 3.350   | 15.840      | 3.470   | 17.190      | 3.630   | 21.49      | 4.15    | 24.560      | 3.440   | 27.340     | 6.140   | 19.970     | 6.360   | 27.280     | 6.280   | 19.130     | 7.000   |
| 19.299     | 2.380   | 19.64       | 3.470   | 19.300      | 3.630   | 22.29      | 3.2     | 25.480      | 2.690   | 28.920     | 4.490   | 20.610     | 5.570   | 27.480     | 6.280   |            |         |
| 20.899     | 2.290   | 19.96       | 1.830   | 21.200      | 3.780   |            |         | 26.40       | 2.690   |            |         |            |         |            |         |            |         |
| STA 18/P33 |         | STA 19/P29  |         | STA 20/P25  |         | STA 21/P21 |         | STA 22/P17  |         | STA 23/P13 |         | STA 24/P9  |         | STA 25/P5  |         | STA26/P1   |         |
| Sta        | Elevasi | Sta         | Elevasi | Sta         | Elevasi | Sta        | Elevasi | Sta         | Elevasi | Sta        | Elevasi | Sta        | Elevasi | Sta        | Elevasi | Sta        | Elevasi |
| 0.000      | 5.190   | 0.000       | 5.810   | 0.000       | 2.000   | 0.000      | 7.580   | 0.000       | 7.773   | 0.000      | 7.350   | 0.000      | 6.540   | 0          | 6.64    | 0.000      | 7.520   |
| 2.030      | 7.170   | 1.490       | 7.330   | 0.720       | 7.440   | 2.430      | 7.590   | 1.040       | 8.780   | 1.110      | 7.800   | 0.720      | 7.230   | 2.6        | 6.650   | 2.000      | 7.550   |
| 4.240      | 7.170   | 3.090       | 7.330   | 2.320       | 7.440   | 4.650      | 4.940   | 3.550       | 6.760   | 2.710      | 7.800   | 1.440      | 7.960   | 5.2        | 8.000   | 2.350      | 8.100   |
| 6.090      | 5.620   | 5.460       | 4.740   | 4.620       | 4.850   | 6.050      | 4.100   | 4.910       | 4.060   | 5.200      | 5.130   | 3.040      | 7.960   | 8.1        | 8       | 4.180      | 7.650   |
| 7.500      | 3.700   | 6.860       | 3.800   | 6.020       | 3.900   | 14.260     | 4.100   | 6.310       | 4.250   | 6.600      | 4.400   | 5.600      | 5.000   | 9.66       | 6.34    | 5.500      | 5.650   |
| 16.950     | 3.700   | 15.210      | 3.800   | 13.450      | 3.900   | 15.660     | 4.940   | 13.520      | 4.250   | 15.990     | 4.400   | 7.000      | 4.450   | 11.06      | 4.5     | 6.900      | 4.600   |
| 18.350     | 5.320   | 16.610      | 4.740   | 14.850      | 4.850   | 17.480     | 7.240   | 14.880      | 5.050   | 17.390     | 4.500   | 20.000     | 4.450   | 19.31      | 4.5     | 18.270     | 4.600   |
| 20.200     | 7.170   | 18.880      | 7.330   | 17.150      | 4.850   | 19.900     | 7.580   | 16.280      | 8.780   | 19.870     | 7.350   | 21.400     | 5.000   | 20.71      | 6.34    | 19.590     | 5.650   |
| 26.050     | 7.170   | 22.150      | 7.330   | 17.760      | 7.010   | 20.190     | 7.410   | 20.320      | 8.780   | 22.160     | 7.350   | 24.300     | 7.980   | 23.31      | 8.17    | 20.990     | 8.000   |
|            |         | 22.490      | 7.030   |             |         |            |         | 20.620      | 7.060   | 23.260     | 6.520   | 28.300     | 7.870   | 23.51      | 8.28    | 21.490     | 8.200   |
|            |         |             |         |             |         |            |         |             |         |            |         | 31.000     | 6.020   | 27.01      | 8.29    | 24.690     | 8.200   |
|            |         |             |         |             |         |            |         |             |         |            |         |            |         | 28.71      | 6.59    | 25.190     | 7.860   |

## Lampiran 4 STA Rencana 10 Tahun

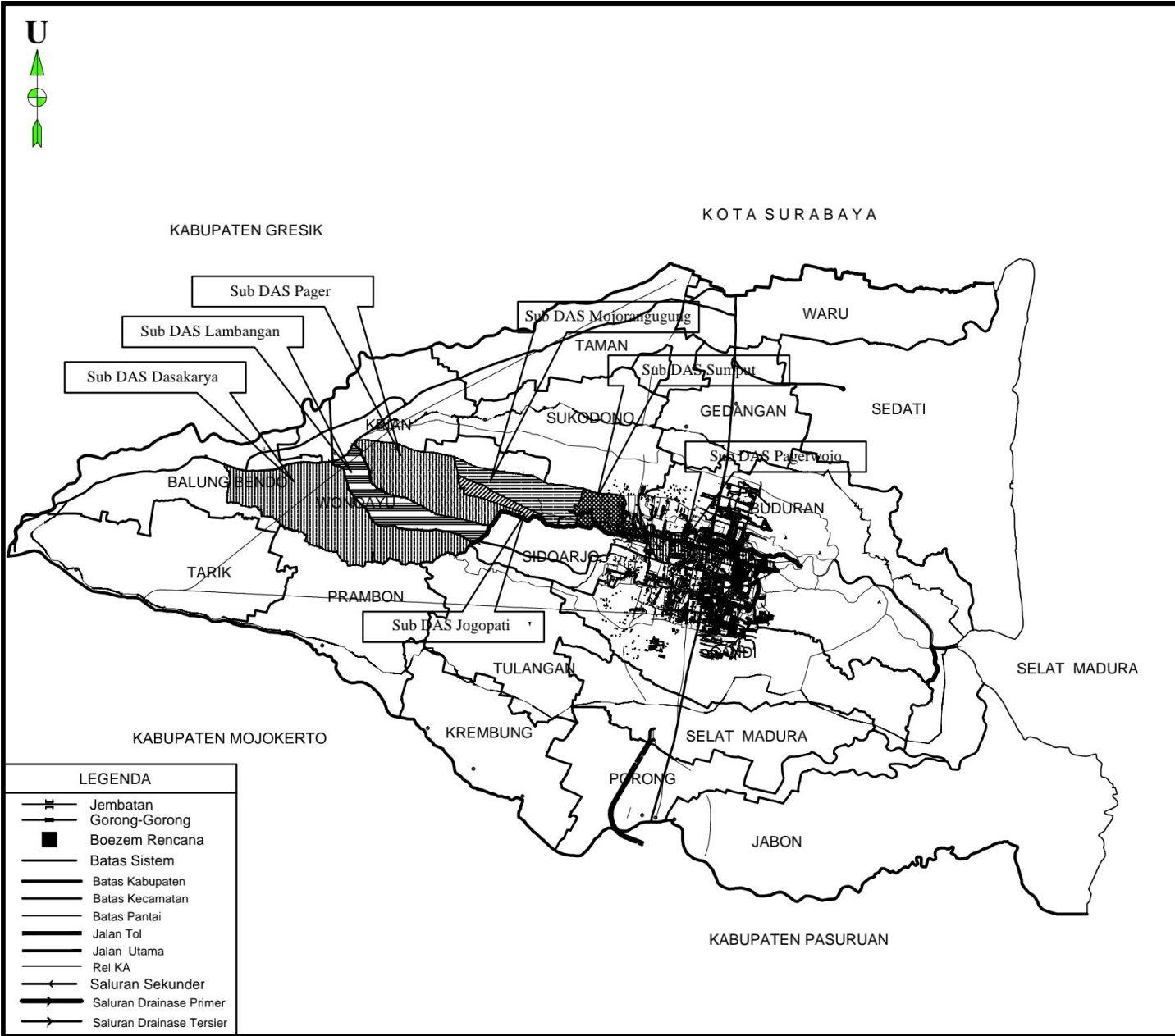
| STA 0  |         | STA 1  |         | STA 2  |         | STA 3  |         | STA 4  |         | STA 5  |         | STA 6  |         | STA 7  |         | STA 8  |         |
|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|
| Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi |
| 0.000  | 2.33    | 0      | 2.58    | 0      | 2.83    | 0      | 3.08    | 0      | 3.98    | 0      | 4.28    | 0      | 4.68    | 0      | 4.98    | 0      | 5.28    |
| 1      | 2.33    | 1      | 2.58    | 1      | 2.83    | 1      | 3.08    | 1      | 3.98    | 1      | 4.28    | 1      | 4.68    | 1      | 4.98    | 1      | 5.28    |
| 3.3    | -1.55   | 3.3    | -1.3    | 3.3    | -1.05   | 3.3    | -0.8    | 3.3    | 0.1     | 3.3    | 0.4     | 3.3    | 0.8     | 3.3    | 1.1     | 3.3    | 1.4     |
| 17.8   | -1.55   | 17.8   | -1.3    | 17.8   | -1.05   | 17.8   | -0.8    | 17.8   | 0.1     | 17.8   | 0.4     | 17.8   | 0.8     | 17.8   | 1.1     | 17.8   | 1.4     |
| 20.1   | 2.33    | 20.1   | 2.58    | 20.1   | 2.83    | 20.1   | 3.08    | 20.1   | 3.98    | 20.1   | 4.28    | 20.1   | 4.68    | 20.1   | 4.98    | 20.1   | 5.28    |
| 21.1   | 2.33    | 21.1   | 2.58    | 21.1   | 2.83    | 21.1   | 3.08    | 21.1   | 3.98    | 21.1   | 4.28    | 21.1   | 4.68    | 21.1   | 4.98    | 21.1   | 5.28    |
| STA 9  |         | STA 10 |         | STA 11 |         | STA 12 |         | STA 13 |         | STA 14 |         | STA 15 |         | STA 16 |         | STA 17 |         |
| Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi |
| 0      | 5.73    | 0      | 5.78    | 0      | 6.03    | 0      | 6.08    | 0      | 6.53    | 0      | 6.58    | 0      | 6.78    | 0      | 6.98    | 0      | 7.28    |
| 1      | 5.73    | 1      | 5.78    | 1      | 6.03    | 1      | 6.08    | 1      | 6.53    | 1      | 6.58    | 1      | 6.78    | 1      | 6.98    | 1      | 7.28    |
| 3.3    | 1.85    | 3.3    | 1.9     | 3.3    | 2.15    | 3.3    | 2.2     | 3.3    | 2.65    | 3.3    | 2.7     | 3.3    | 2.9     | 3.3    | 3.1     | 3.3    | 3.4     |
| 17.8   | 1.85    | 17.8   | 1.9     | 17.8   | 2.15    | 17.8   | 2.2     | 17.8   | 2.65    | 17.8   | 2.7     | 17.8   | 2.9     | 17.8   | 3.1     | 17.8   | 3.4     |
| 20.1   | 5.73    | 20.1   | 5.78    | 20.1   | 6.03    | 20.1   | 6.08    | 20.1   | 6.53    | 20.1   | 6.58    | 20.1   | 6.78    | 20.1   | 6.98    | 20.1   | 7.28    |
| 21.100 | 5.73    | 21.1   | 5.78    | 21.1   | 6.03    | 21.1   | 6.08    | 21.1   | 6.53    | 21.1   | 6.58    | 21.1   | 6.78    | 21.1   | 6.98    | 21.1   | 7.28    |
| STA 18 |         | STA 19 |         | STA 20 |         | STA 21 |         | STA 22 |         | STA 23 |         | STA 24 |         | STA 25 |         | Sta26  |         |
| Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi |
| 0      | 7.58    | 0      | 7.68    | 0      | 7.78    | 0      | 7.98    | 0      | 8.13    | 0      | 8.28    | 0      | 8.33    | 0      | 8.38    | 0      | 8.48    |
| 1      | 7.58    | 1      | 7.68    | 1      | 7.78    | 1      | 7.98    | 1      | 8.13    | 1      | 8.28    | 1      | 8.33    | 1      | 8.38    | 1      | 8.48    |
| 3.3    | 3.7     | 3.3    | 3.8     | 3.3    | 3.9     | 3.3    | 4.1     | 3.3    | 4.25    | 3.3    | 4.4     | 3.3    | 4.45    | 3.3    | 4.5     | 3.3    | 4.6     |
| 17.8   | 3.7     | 17.8   | 3.8     | 17.8   | 3.9     | 17.8   | 4.1     | 17.8   | 4.25    | 17.8   | 4.4     | 17.8   | 4.45    | 17.8   | 4.5     | 17.8   | 4.6     |
| 20.1   | 7.58    | 20.1   | 7.68    | 20.1   | 7.78    | 20.1   | 7.98    | 20.1   | 8.13    | 20.1   | 8.28    | 20.1   | 8.33    | 20.1   | 8.38    | 20.1   | 8.48    |
| 21.1   | 7.58    | 21.1   | 7.68    | 21.1   | 7.78    | 21.1   | 7.98    | 21.1   | 8.13    | 21.1   | 8.28    | 21.1   | 8.33    | 21.1   | 8.38    | 21.1   | 8.48    |

## Lampiran 5 STA Rencana 25 Tahun

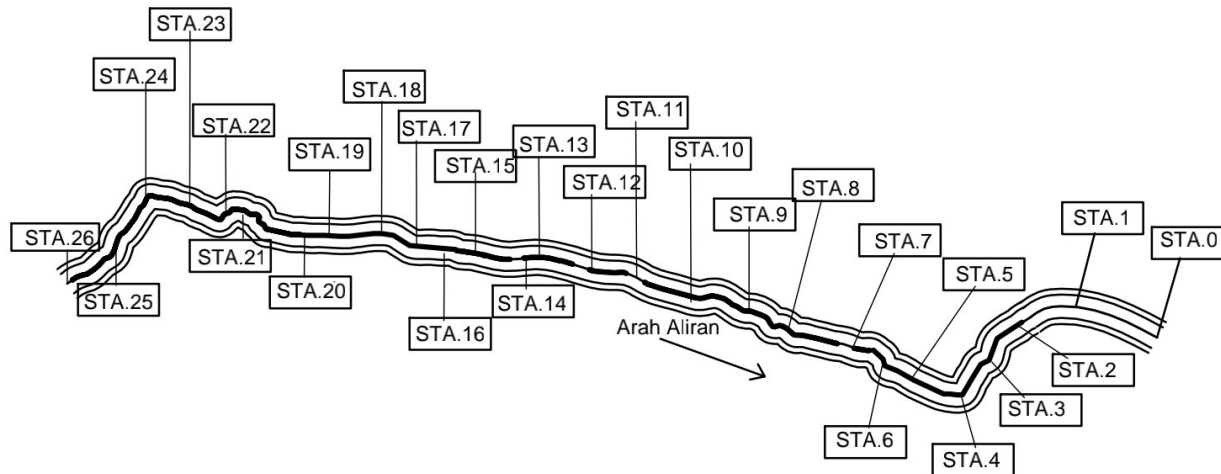
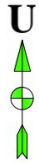
| STA 0  |         | STA 1  |         | STA 2  |         | STA 3  |         | STA 4  |         | STA 5  |         | STA 6  |         | STA 7  |         | STA 8  |         |
|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|
| Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi |
| 0      | 2.45    | 0      | 2.7     | 0      | 2.95    | 0      | 3.2     | 0      | 4.1     | 0      | 4.4     | 0      | 4.8     | 0      | 5.1     | 0      | 5.4     |
| 1      | 2.45    | 1      | 2.7     | 1      | 2.95    | 1      | 3.2     | 1      | 4.1     | 1      | 4.4     | 1      | 4.8     | 1      | 5.1     | 1      | 5.4     |
| 3.3    | -1.55   | 3.3    | -1.3    | 3.3    | -1.05   | 3.3    | -0.8    | 3.3    | 0.1     | 3.3    | 0.4     | 3.3    | 0.8     | 3.3    | 1.1     | 3.3    | 1.4     |
| 17.8   | -1.55   | 17.8   | -1.3    | 17.8   | -1.05   | 17.8   | -0.8    | 17.8   | 0.1     | 17.8   | 0.4     | 17.8   | 0.8     | 17.8   | 1.1     | 17.8   | 1.4     |
| 20.1   | 2.45    | 20.1   | 2.7     | 20.1   | 2.95    | 20.1   | 3.2     | 20.1   | 4.1     | 20.1   | 4.4     | 20.1   | 4.8     | 20.1   | 5.1     | 20.1   | 5.4     |
| 21.1   | 2.45    | 21.1   | 2.7     | 21.1   | 2.95    | 21.1   | 3.2     | 21.1   | 4.1     | 21.1   | 4.4     | 21.1   | 4.8     | 21.1   | 5.1     | 21.1   | 5.4     |
| STA 9  |         | STA 10 |         | STA 11 |         | STA 12 |         | STA 13 |         | STA 14 |         | STA 15 |         | STA 16 |         | STA 17 |         |
| Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi |
| 0      | 5.85    | 0      | 5.9     | 0      | 6.15    | 0      | 6.2     | 0      | 6.65    | 0      | 6.7     | 0      | 6.9     | 0      | 7.1     | 0      | 7.4     |
| 1      | 5.85    | 1      | 5.9     | 1      | 6.15    | 1      | 6.2     | 1      | 6.65    | 1      | 6.7     | 1      | 6.9     | 1      | 7.1     | 1      | 7.4     |
| 3.3    | 1.85    | 3.3    | 1.9     | 3.3    | 2.15    | 3.3    | 2.2     | 3.3    | 2.65    | 3.3    | 2.7     | 3.3    | 2.9     | 3.3    | 3.1     | 3.3    | 3.4     |
| 17.8   | 1.85    | 17.8   | 1.9     | 17.8   | 2.15    | 17.8   | 2.2     | 17.8   | 2.65    | 17.8   | 2.7     | 17.8   | 2.9     | 17.8   | 3.1     | 17.8   | 3.4     |
| 20.1   | 5.85    | 20.1   | 5.9     | 20.1   | 6.15    | 20.1   | 6.2     | 20.1   | 6.65    | 20.1   | 6.7     | 20.1   | 6.9     | 20.1   | 7.1     | 20.1   | 7.4     |
| 21.1   | 5.85    | 21.1   | 5.9     | 21.1   | 6.15    | 21.1   | 6.2     | 21.1   | 6.65    | 21.1   | 6.7     | 21.1   | 6.9     | 21.1   | 7.1     | 21.1   | 7.4     |
| STA 18 |         | STA 19 |         | STA 20 |         | STA 21 |         | STA 22 |         | STA 23 |         | STA 24 |         | STA 25 |         | Sta26  |         |
| Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi | Sta    | Elevasi |
| 0      | 7.7     | 0      | 7.8     | 0      | 7.9     | 0      | 8.1     | 0      | 8.25    | 0      | 8.4     | 0      | 8.45    | 0      | 8.5     | 0      | 8.6     |
| 1      | 7.7     | 1      | 7.8     | 1      | 7.9     | 1      | 8.1     | 1      | 8.25    | 1      | 8.4     | 1      | 8.45    | 1      | 8.5     | 1      | 8.6     |
| 3.3    | 3.7     | 3.3    | 3.8     | 3.3    | 3.9     | 3.3    | 4.1     | 3.3    | 4.25    | 3.3    | 4.4     | 3.3    | 4.45    | 3.3    | 4.5     | 3.3    | 4.6     |
| 17.8   | 3.7     | 17.8   | 3.8     | 17.8   | 3.9     | 17.8   | 4.1     | 17.8   | 4.25    | 17.8   | 4.4     | 17.8   | 4.45    | 17.8   | 4.5     | 17.8   | 4.6     |
| 20.1   | 7.7     | 20.1   | 7.8     | 20.1   | 7.9     | 20.1   | 8.1     | 20.1   | 8.25    | 20.1   | 8.4     | 20.1   | 8.45    | 20.1   | 8.5     | 20.1   | 8.6     |
| 21.1   | 7.7     | 21.1   | 7.8     | 21.1   | 7.9     | 21.1   | 8.1     | 21.1   | 8.25    | 21.1   | 8.4     | 21.1   | 8.45    | 21.1   | 8.5     | 21.1   | 8.6     |



|  |             |
|--|-------------|
| NAMA KEGIATAN  |             |
| <b>SKRIPSI</b>   |             |
| JUDUL SKRIPSI  |             |
| <b>ANALISA SISTEM DRAINASE SUNGAI PUCANG SIDOARJO DENGAN MENGGUNAKAN HEC-RAS</b> |             |
| JUDUL GAMBAR   |             |
| <b>PETA LOKASI STUDI</b>   |             |
| DIGAMBAR   |             |
| <b>LEGA PANTANA</b>  |             |
| DIPERIKSA  |             |
| <b>ANNA ROSYTHA, S.T., M.T.<br/>DAYAT INDRI Y, S.T., M.T.</b>                    |             |
| SKALA  |             |
| <b>1 : 100.000</b>   |             |
| NO. GAMBAR   | JML. GAMBAR |
| 1  | 24          |



|  |             |
|--|-------------|
| NAMA KEGIATAN  |             |
| <b>SKRIPSI</b>   |             |
| JUDUL SKRIPSI  |             |
| <b>ANALISA SISTEM DRAINASE SUNGAI PUCANG SIDOARJO DENGAN MENGGUNAKAN HEC-RAS</b> |             |
| JUDUL GAMBAR   |             |
| <b>PETA SUB-DAS PUCANG</b>   |             |
| DIGAMBAR   |             |
| <b>LEGA PANTANA</b>  |             |
| DIPERIKSA  |             |
| <b>ANNA ROSYTHA, S.T., M.T.<br/>DAYAT INDRI Y, S.T., M.T.</b>                    |             |
| SKALA  |             |
| <b>1 : 100.000</b>   |             |
| NO. GAMBAR   | JML. GAMBAR |
| 2  | 24          |



NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**ALUR SUNGAI PUCANG**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.**

**DAYAT INDRI Y, S.T., M.T.**

SKALA

**1 : 50.000**

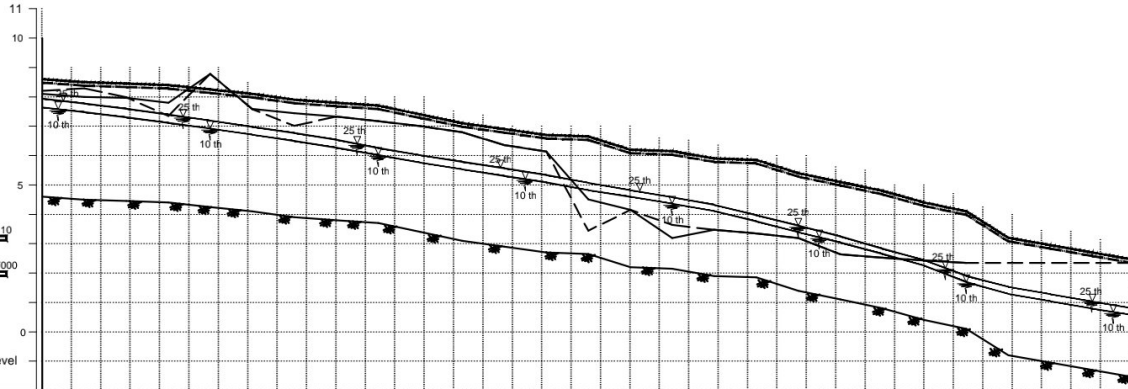
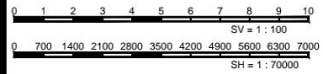
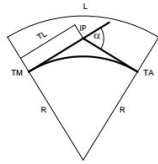
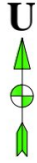
NO. GAMBAR

JML. GAMBAR

3

24





bidang persamaan / reference level  
- 2.00 meter

| YANG ADA<br>EXISTING                                      |              | RENCANA 10 TH |      | RENCANA 25 TH |      |      |
|---|--------------|---------------|------|---------------|------|------|
| PATOK HEKTOMETER<br>HECTOMETER STONE                      |              |               |      |               |      |      |
| NOMOR PROFIL<br>PROFILE NUMBER                            | 0.0 STA. 8   |               |      |               |      |      |
| JARAK PROFIL<br>ACCUMULATED DISTANCE                      | 1000 STA. 25 |               |      |               |      |      |
| ELEVASI TANGGUL KIRI<br>LEFT BANK LEVEL                   | 4.80         | 8.20          | 8.10 | 4.60          | 7.94 | 8.60 |
| ELEVASI TANGGUL KANAN<br>RIGHT BANK LEVEL                 | 4.50         | 8.28          | 8.00 | 4.50          | 7.77 | 8.50 |
| ELEVASI DASAR SALURAN PADA AS<br>BED LEVEL IN CENTER LINE | 4.45         | 7.98          | 7.96 | 4.45          | 7.59 | 8.45 |
|   | 4.40         | 7.35          | 7.80 | 4.40          | 7.39 | 8.40 |
|   | 4.25         | 8.78          | 8.78 | 4.25          | 7.19 | 8.25 |
|   | 4.10         | 7.58          | 7.59 | 4.10          | 6.98 | 8.10 |
|   | 3.90         | 7.01          | 7.44 | 3.90          | 6.77 | 7.90 |
|   | 3.80         | 7.33          | 7.33 | 3.80          | 6.54 | 7.80 |
|   | 3.70         | 7.17          | 7.17 | 3.70          | 6.26 | 7.70 |
|   | 3.40         | 7.00          | 7.00 | 3.40          | 6.01 | 7.40 |
|   | 3.10         | 6.79          | 6.79 | 3.10          | 5.79 | 7.10 |
|   | 2.90         | 6.36          | 6.36 | 2.90          | 5.57 | 6.90 |
|   | 2.70         | 6.14          | 6.14 | 2.70          | 5.34 | 6.70 |
|   | 3.70         | 7.17          | 7.17 | 3.70          | 6.02 | 7.58 |
|   | 3.40         | 7.00          | 7.00 | 3.40          | 5.76 | 7.28 |
|   | 3.10         | 6.79          | 6.79 | 3.10          | 5.53 | 6.98 |
|   | 2.90         | 6.36          | 6.36 | 2.90          | 5.31 | 6.78 |
|   | 2.70         | 6.14          | 6.14 | 2.70          | 5.09 | 6.58 |
|   | 2.20         | 4.15          | 4.15 | 2.20          | 4.82 | 8.20 |
|   | 2.15         | 3.64          | 3.19 | 2.15          | 4.58 | 8.15 |
|   | 1.90         | 3.47          | 3.47 | 1.90          | 4.32 | 5.90 |
|   | 1.85         | 3.35          | 3.35 | 1.85          | 3.97 | 5.85 |
|   | 1.40         | 3.19          | 3.19 | 1.40          | 3.61 | 5.40 |
|   | 1.10         | 2.64          | 2.64 | 1.10          | 3.25 | 5.10 |
|   | 0.80         | 2.52          | 2.52 | 0.80          | 2.83 | 4.80 |
|   | 0.40         | 2.43          | 2.43 | 0.40          | 2.44 | 4.40 |
|   | 0.10         | 2.34          | 2.34 | 0.10          | 1.90 | 4.10 |
|   | -0.80        | 2.34          | 2.34 | -0.80         | 1.53 | 3.20 |
|   | -1.05        | 2.34          | 2.34 | -1.05         | 1.28 | 2.95 |
|   | -1.30        | 2.34          | 2.34 | -1.30         | 1.03 | 2.70 |
|   | -1.55        | 2.34          | 2.34 | -1.55         | 0.79 | 2.45 |

NAMA KEGIATAN

SKRIPSI

JUDUL SKRIPSI

ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGGUNAKAN  
HEC-RAS

JUDUL GAMBAR

LONG SECTION SUNGAI  
PUCANG

DIGAMBAR

LEGA PANTANA

DIPERIKSA

ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.

SKALA

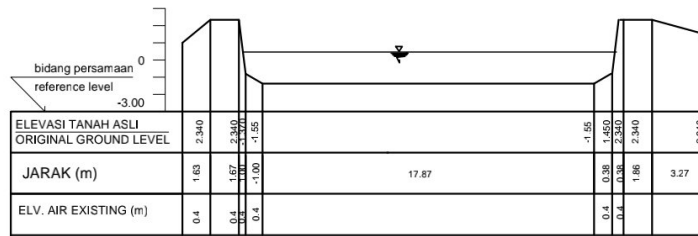
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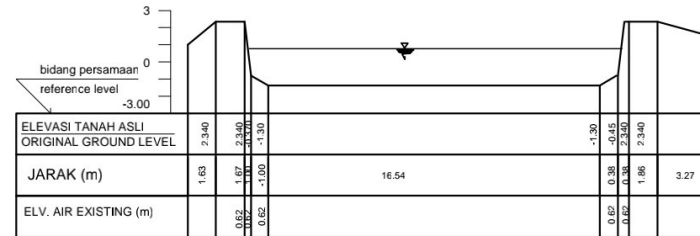
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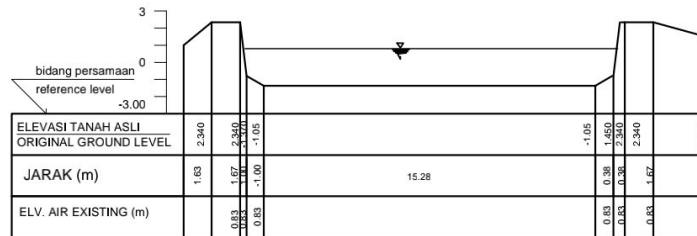
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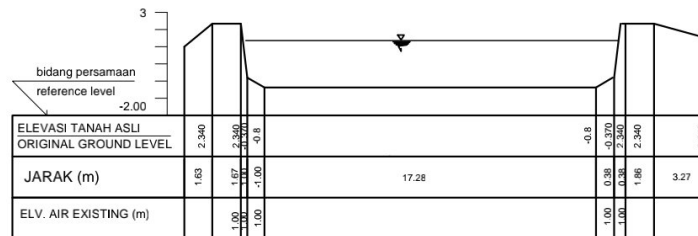
STA. 0



STA. 1



STA. 2



STA. 3

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
EXISTING  
STA. 0 - STA. 3**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

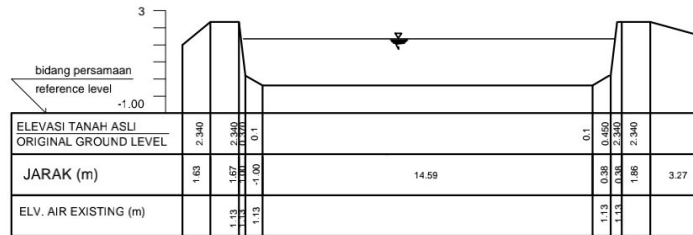
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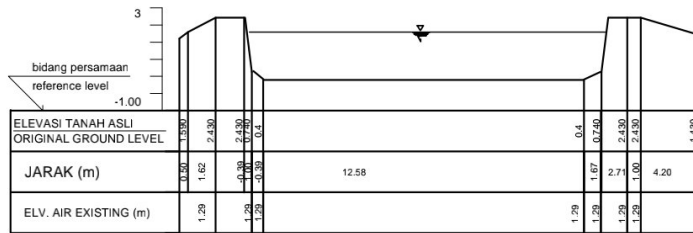
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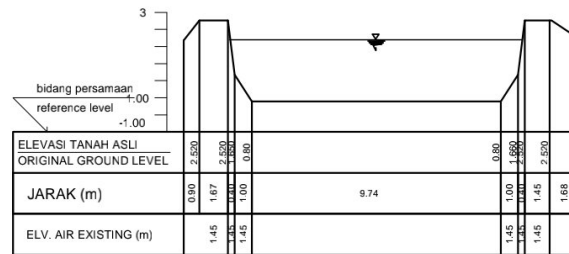
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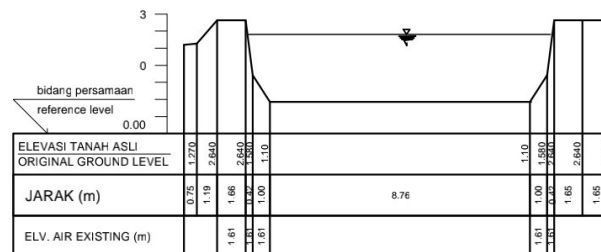
STA. 4



STA. 5



STA. 6



STA. 7

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
EXISTING  
STA. 4 - STA. 7**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

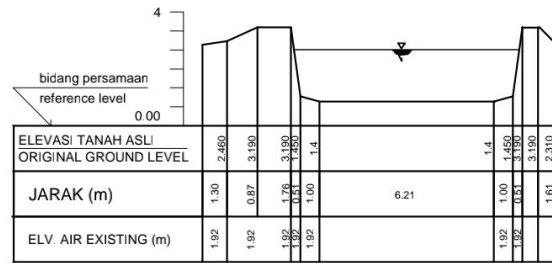
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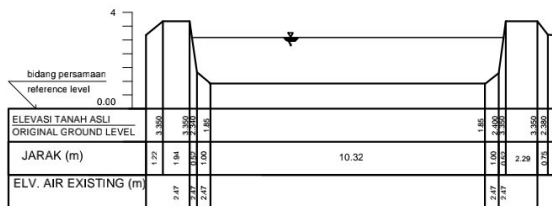
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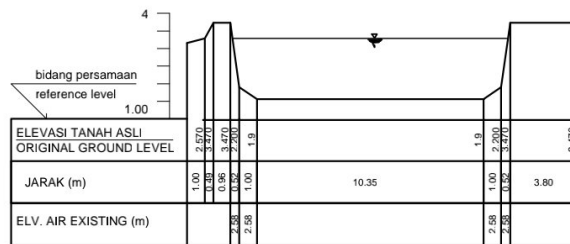
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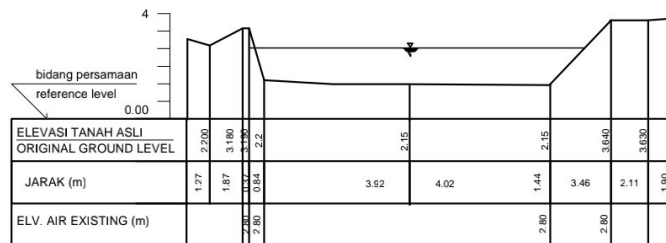
STA. 8



STA. 9



STA. 10



STA. 11

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM DRAINASE SUNGAI PUCANG SIDOARJO DENGAN MENGGUNAKAN HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION EXISTING STA. 8 - STA. 11**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T. DAYAT INDRI Y, S.T., M.T.**

SKALA

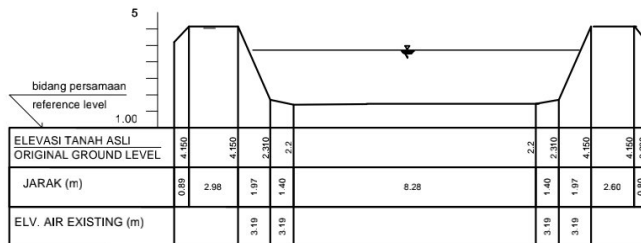
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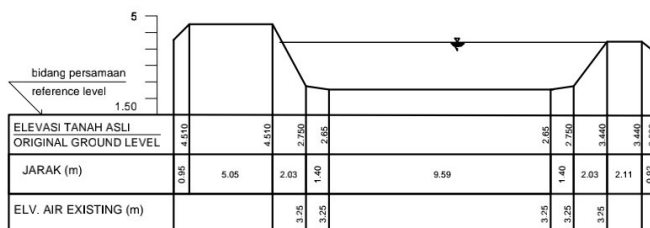
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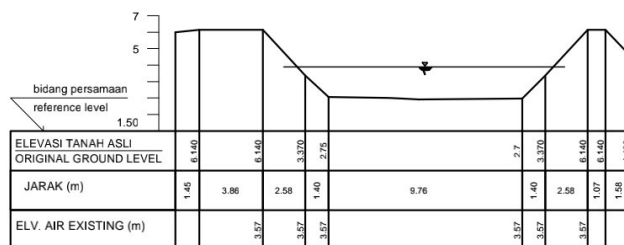
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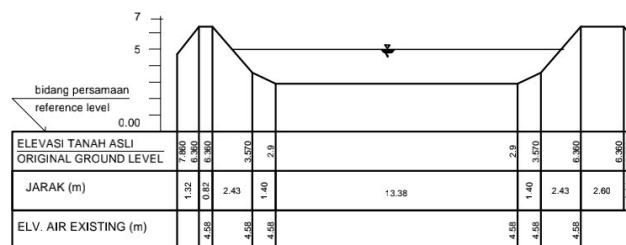
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STA. 13



STA. 14



STA. 15

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM DRAINASE SUNGAI PUCANG SIDOARJO DENGAN MENGGUNAKAN HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION EXISTING STA. 12 - STA. 15**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

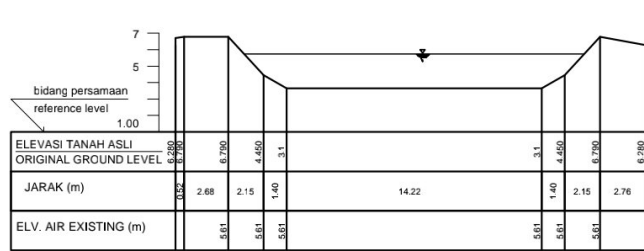
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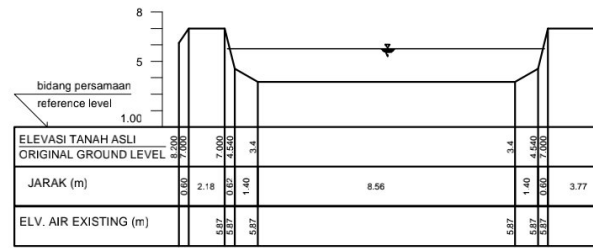
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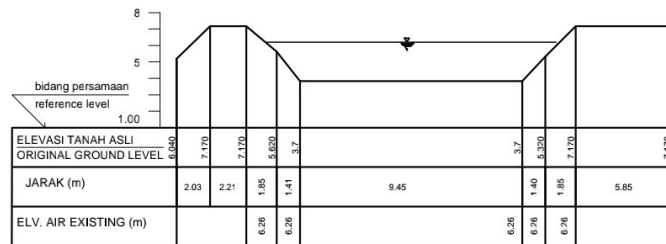
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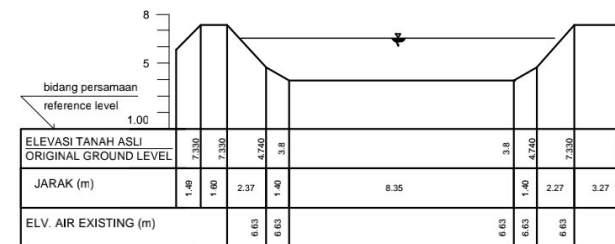
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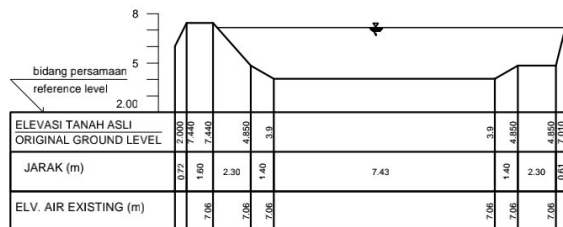
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STA. 18



STA. 19



STA. 20



STA. 21

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
EXISTING  
STA. 16 - STA. 21**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

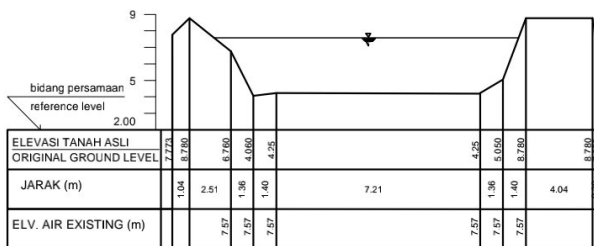
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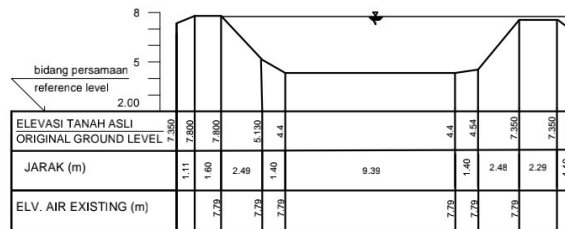
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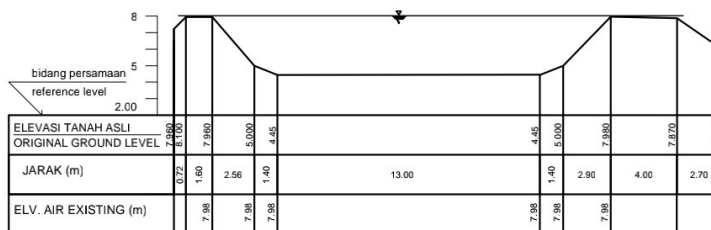
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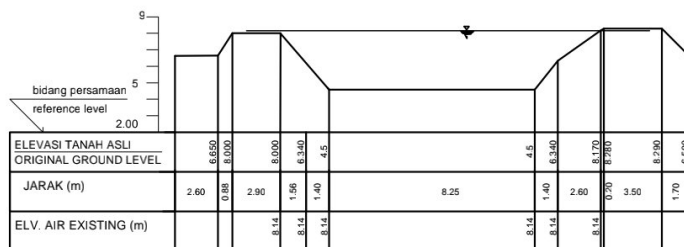
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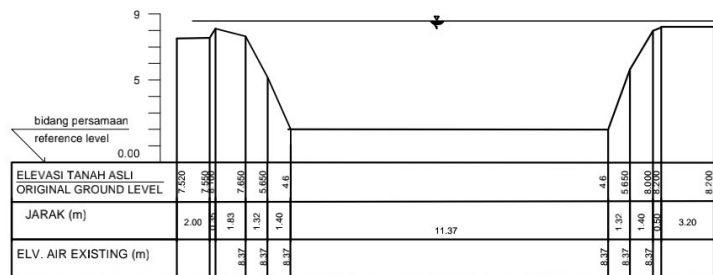
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STA. 24



STA. 25



STA. 26

NAMA KEGIATAN

SKRIPSI

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
EXISTING  
STA. 22 - STA. 26**

DIGAMBAR

LEGA PANTANA

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

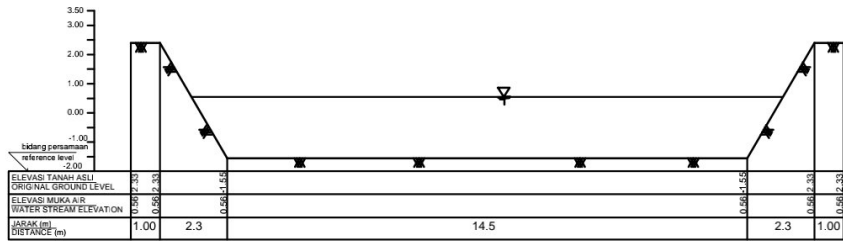
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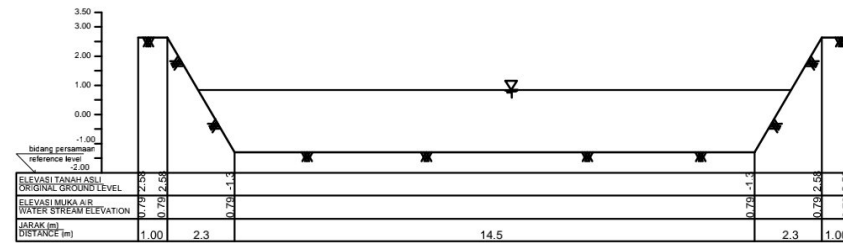
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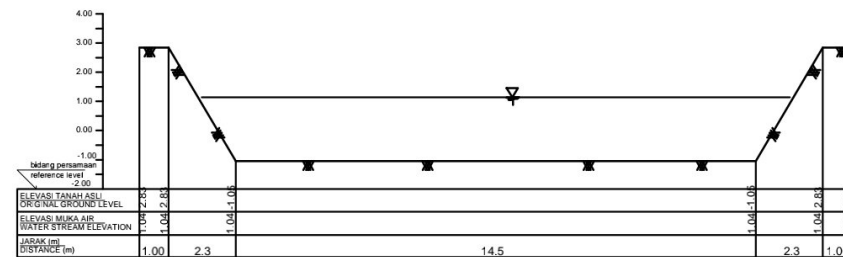
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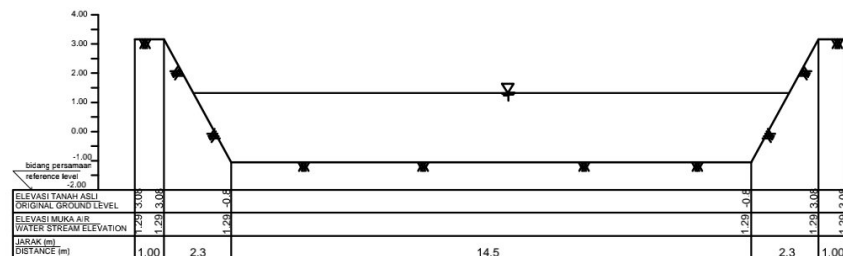
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STA. 1



STA. 2



STA. 3

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 0 - STA. 3  
PERIODE 10 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

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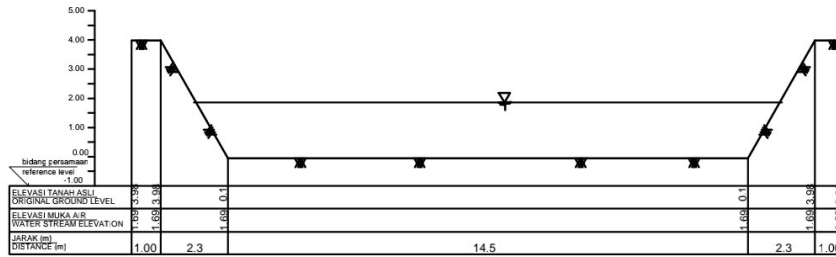
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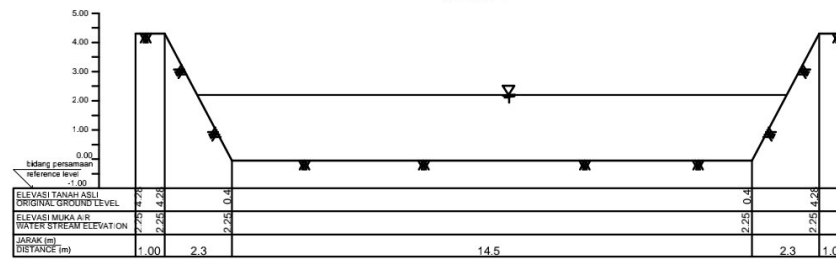
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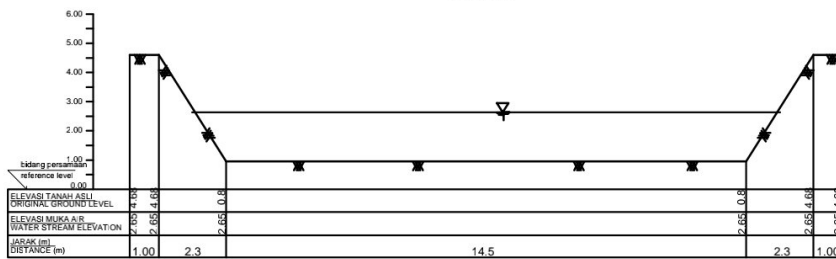




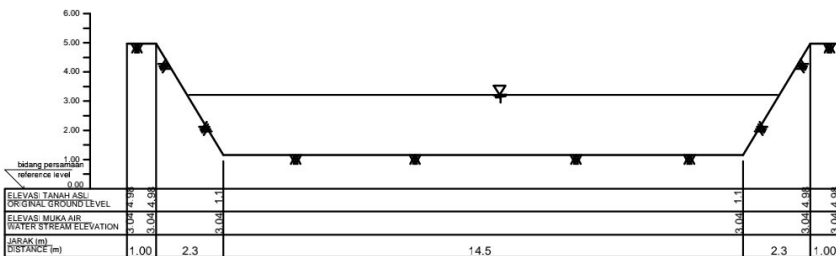
STA. 4



STA. 5



STA. 6



STA. 7

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 4 - STA. 7  
PERIODE 10 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

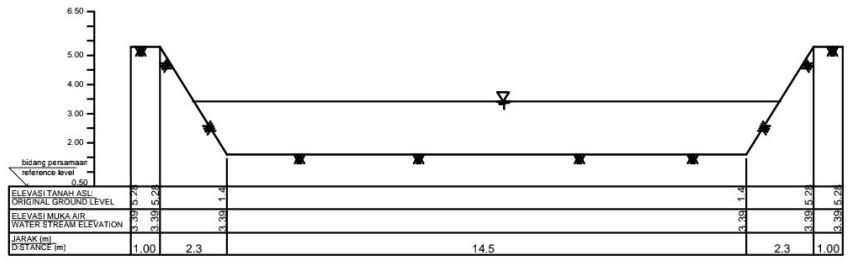
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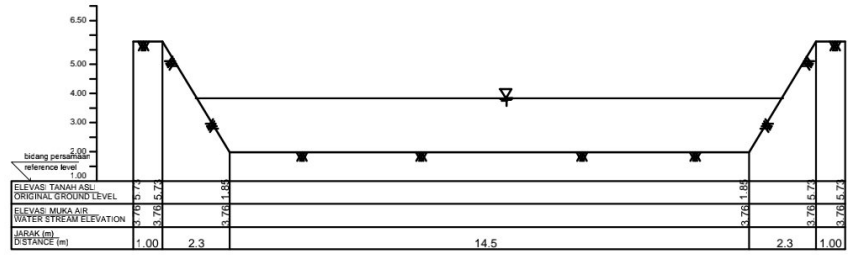
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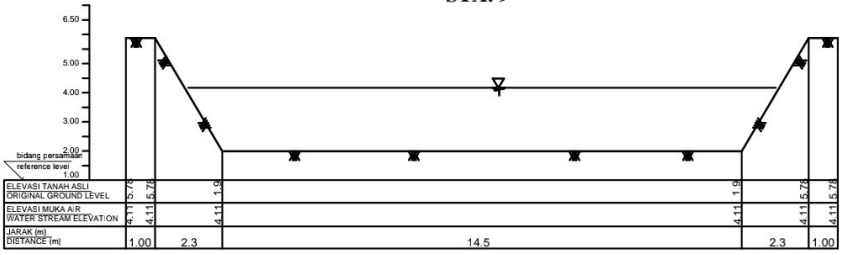
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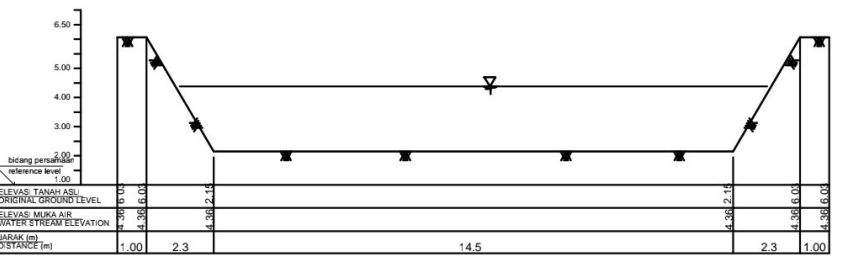
STA. 8



STA. 9



STA. 10



STA. 11

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM DRAINASE SUNGAI PUCANG SIDOARJO DENGAN MENGGUNAKAN HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION RENCANA STA. 8 - STA. 11 PERIODE 10 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

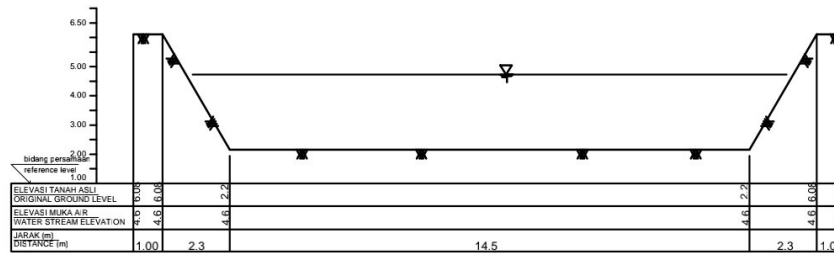
**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

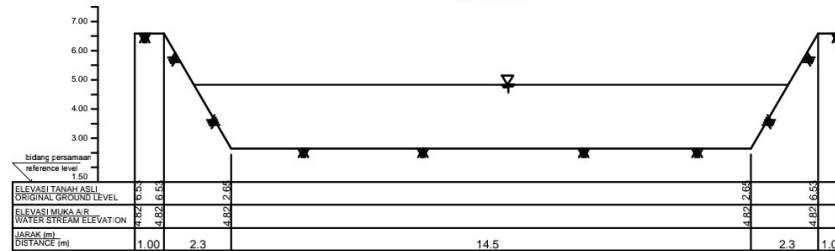
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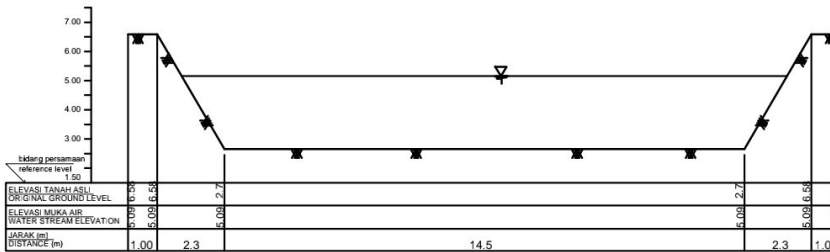
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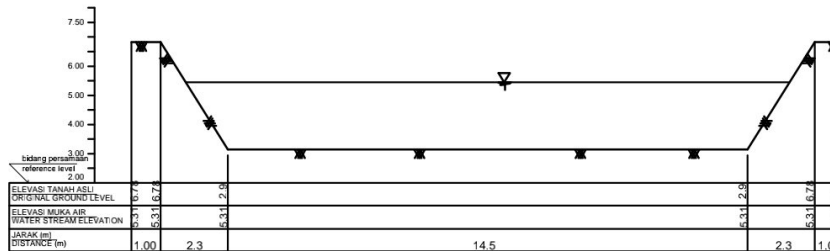
STA. 12



STA. 13



STA. 14



STA. 15

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 12 - STA. 15  
PERIODE 10 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

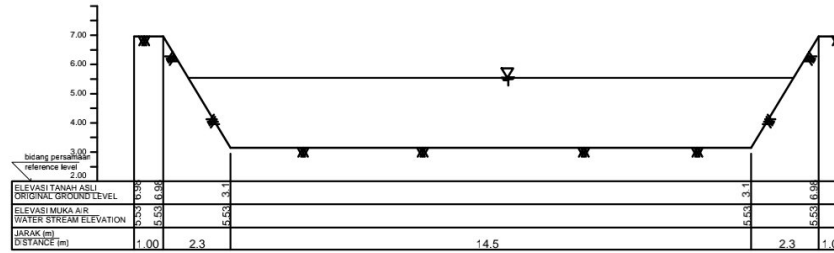
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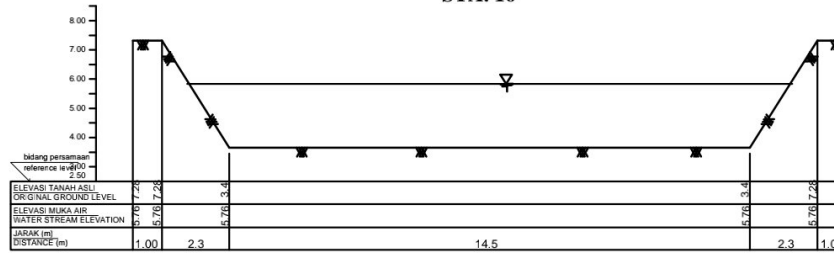
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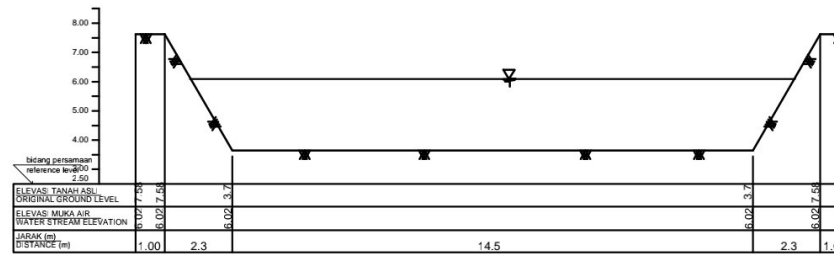
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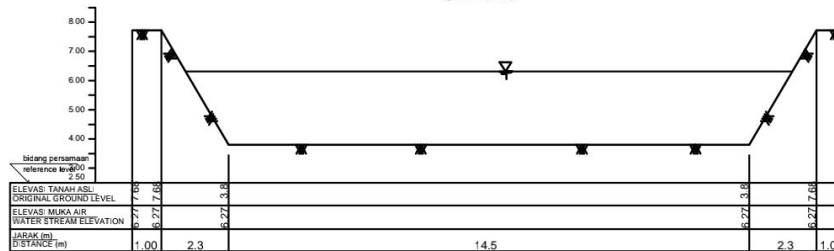
STA. 16



STA. 17



STA. 18



STA. 19

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 16 - STA. 19  
PERIODE 10 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

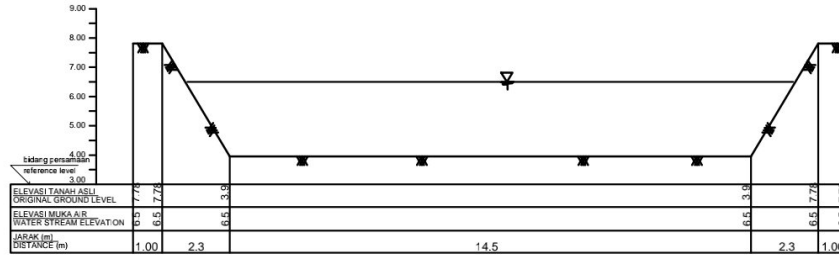
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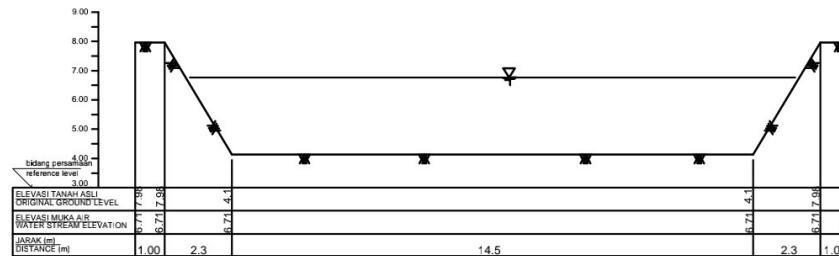
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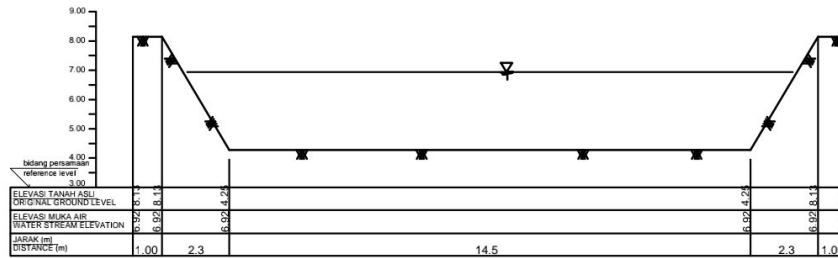
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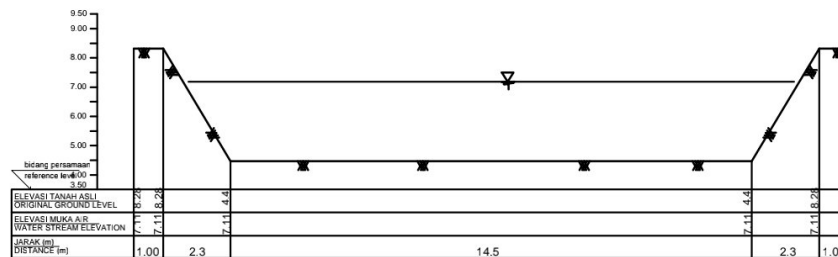
STA. 20



STA. 21



STA. 22



STA. 23

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 20 - STA. 23  
PERIODE 10 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

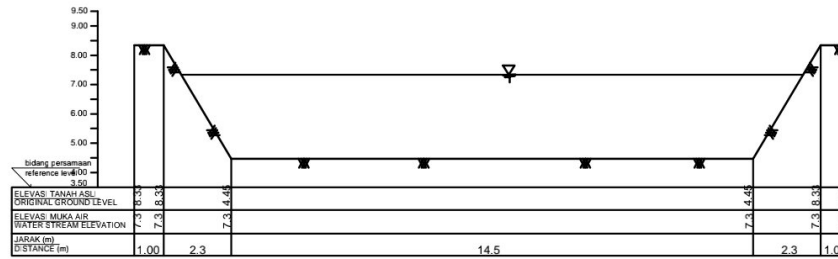
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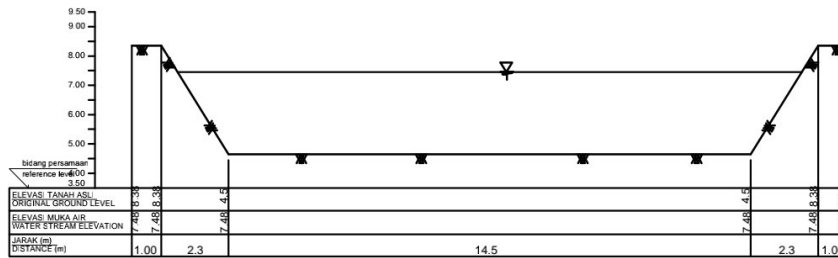
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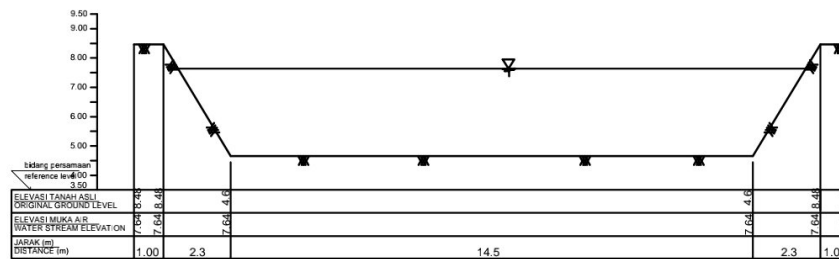
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STA. 24



STA. 25



STA. 26

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 24 - STA. 26  
PERIODE 10 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

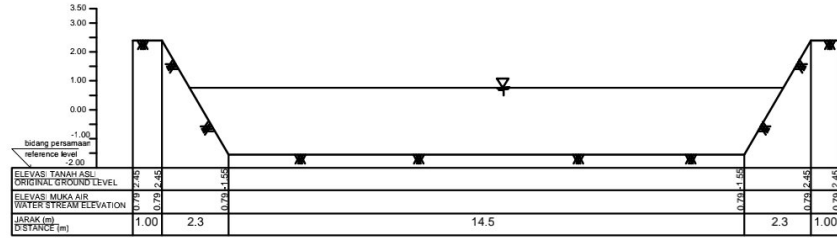
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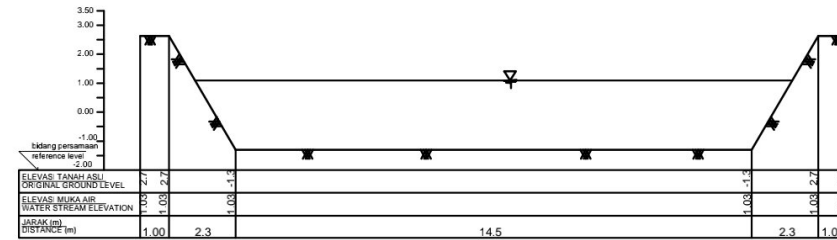
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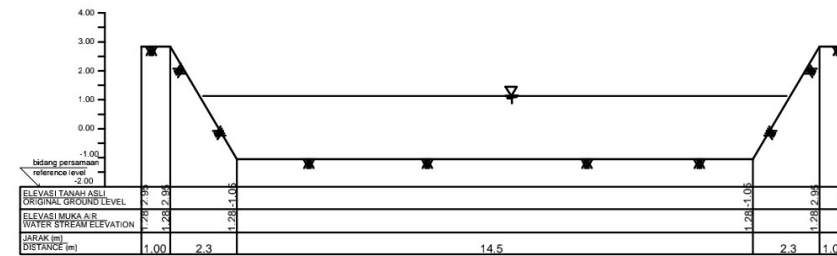
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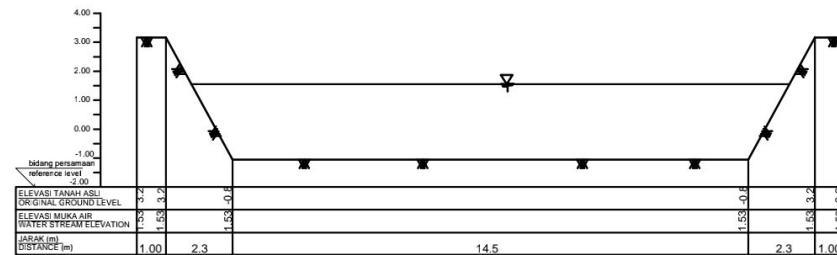
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STA. 1



STA. 2



STA. 3

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 0 - STA. 3  
PERIODE 25 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

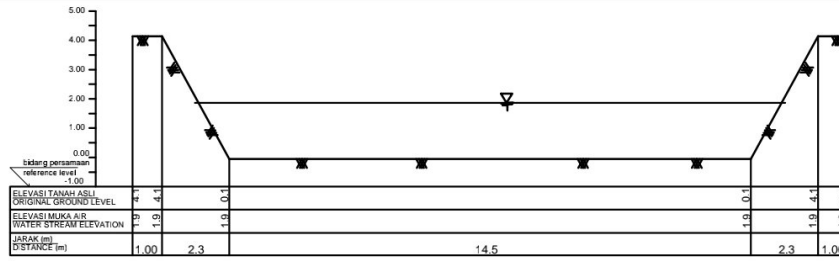
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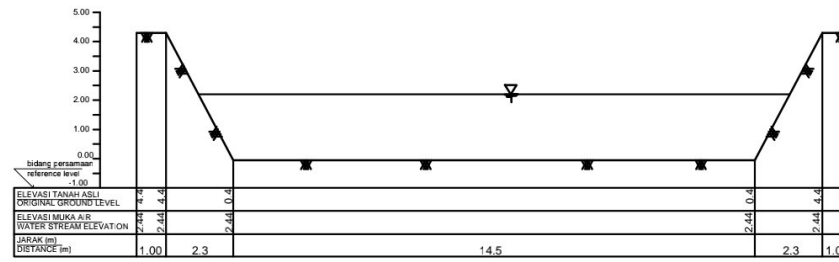
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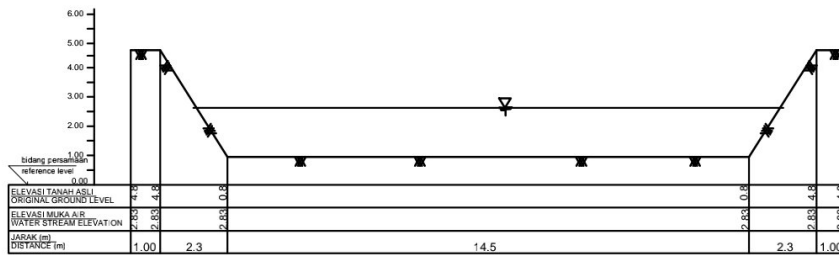
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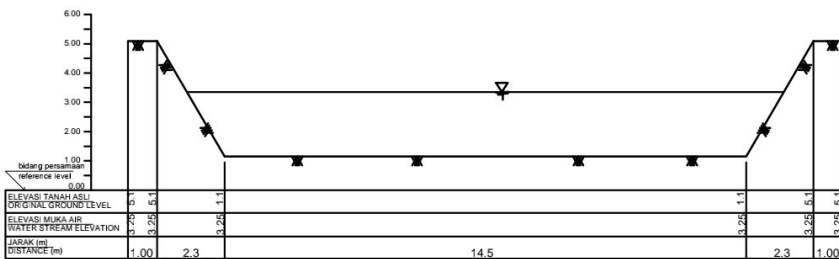
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STA. 5



STA. 6



STA. 7

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 4 - STA. 7  
PERIODE 25 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

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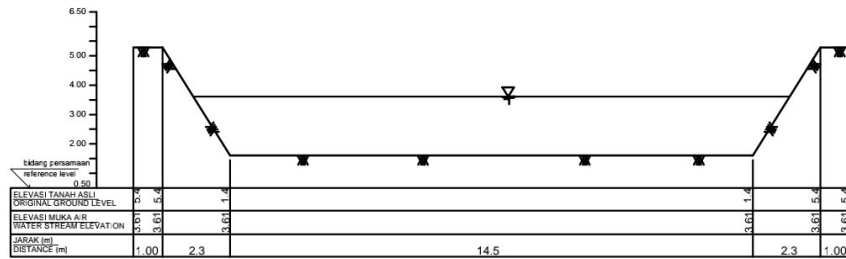
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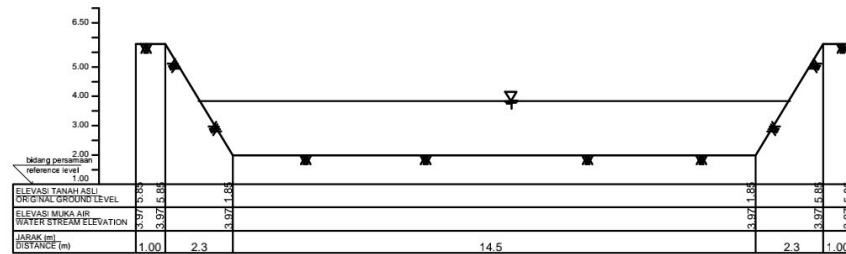
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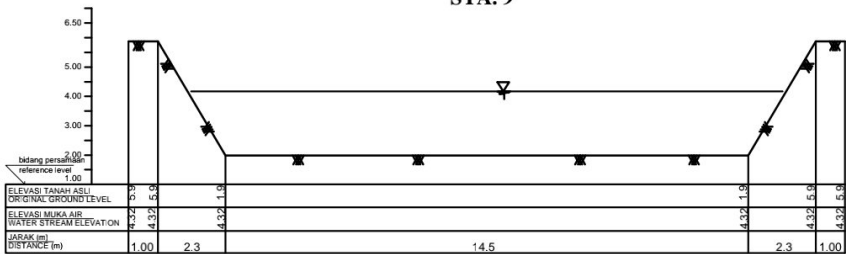




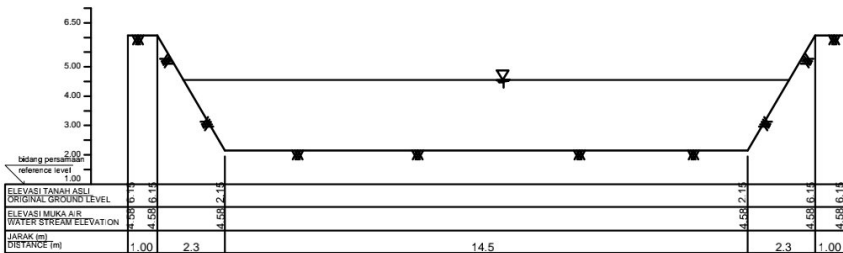
STA. 8



STA. 9



STA. 10



STA. 11

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 8 - STA. 11  
PERIODE 25 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

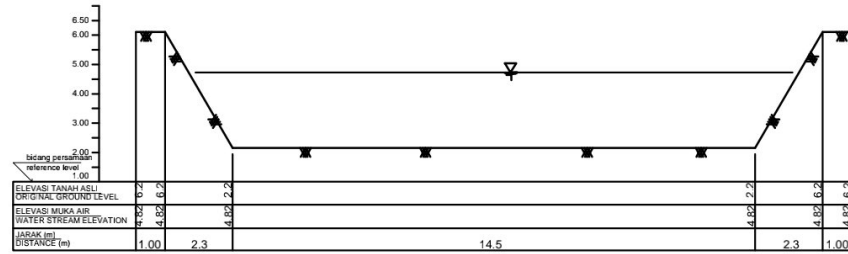
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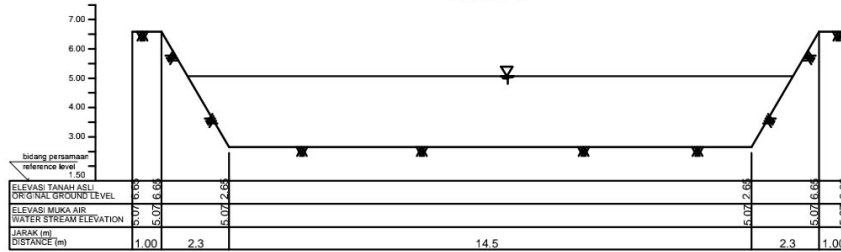
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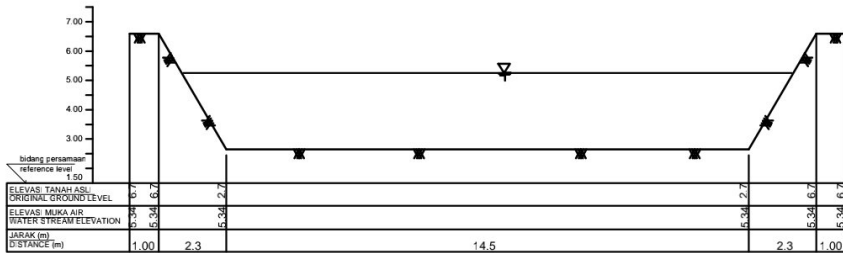
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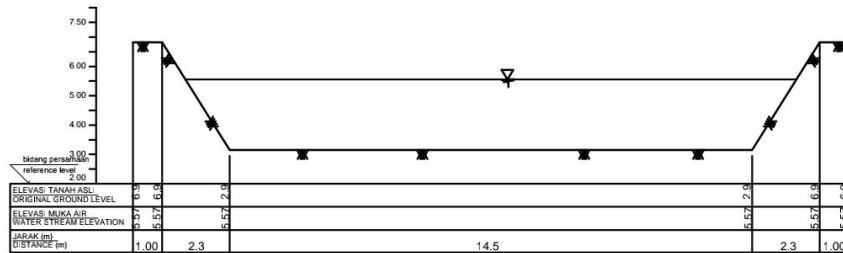
STA. 12



STA. 13



STA. 14



STA. 15

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 12 - STA. 15  
PERIODE 25 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

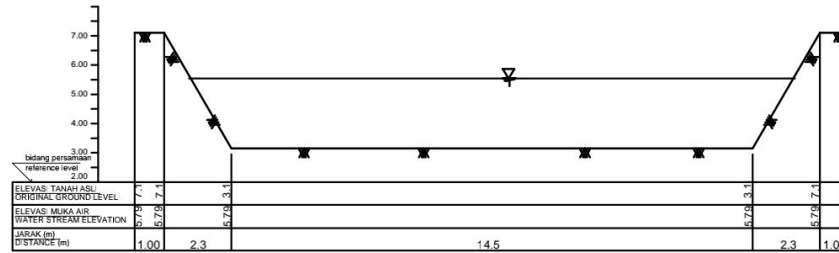
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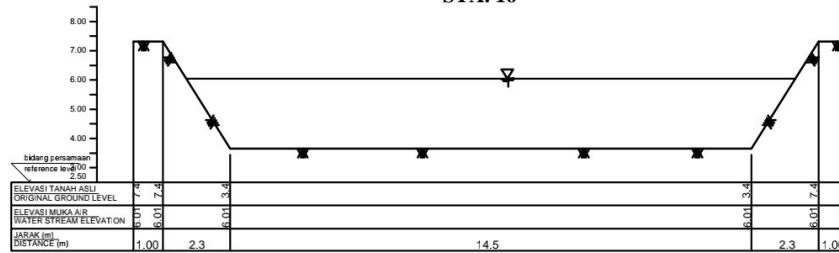
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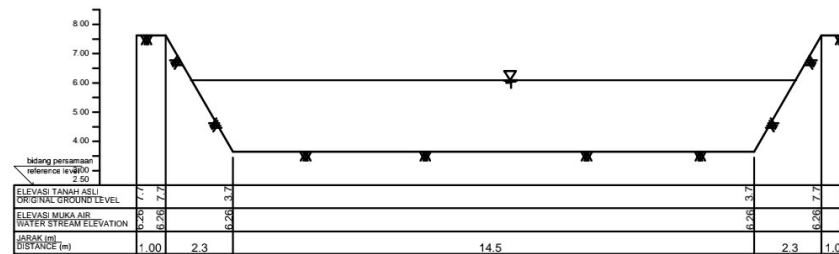
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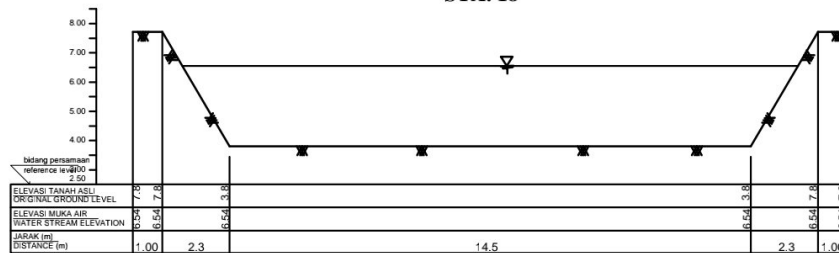
STA. 16



STA. 17



STA. 18



STA. 19

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 16 - STA. 19  
PERIODE 25 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

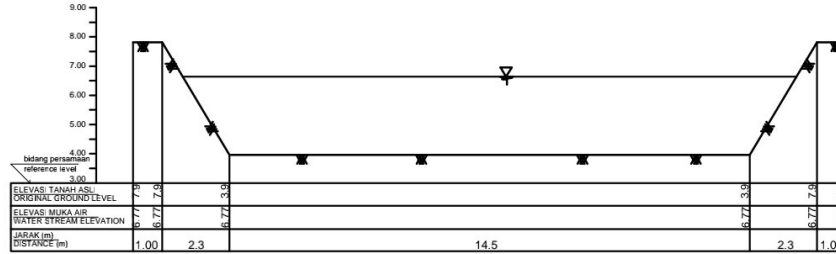
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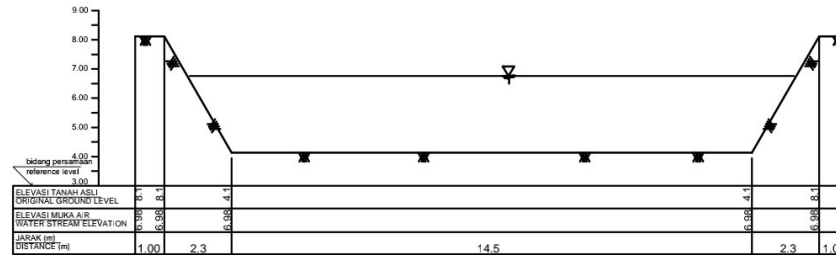
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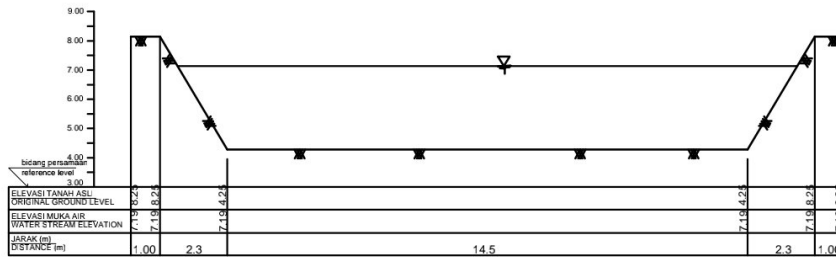
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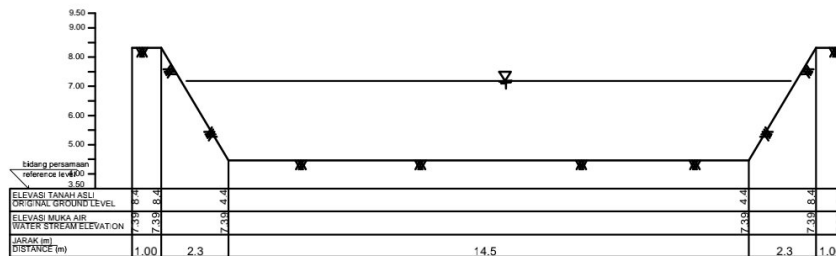
STA. 20



STA. 21



STA. 22



STA. 23

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 20 - STA. 23  
PERIODE 25 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

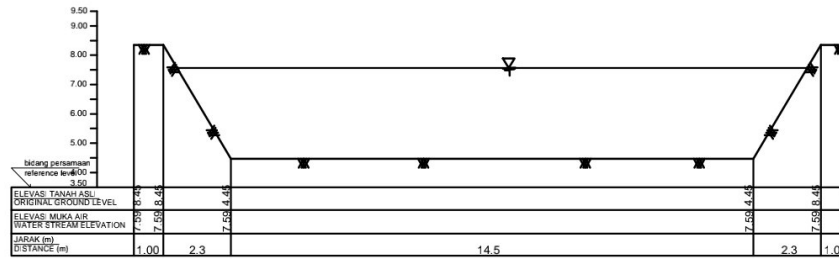
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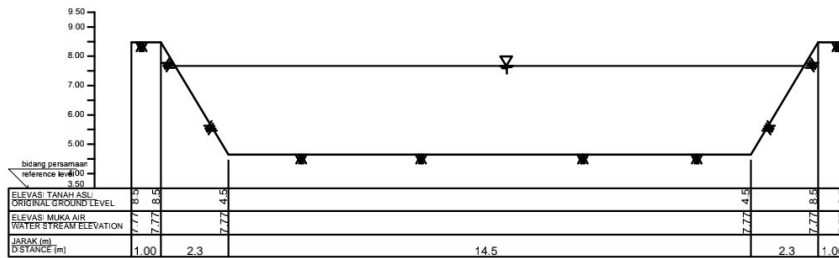
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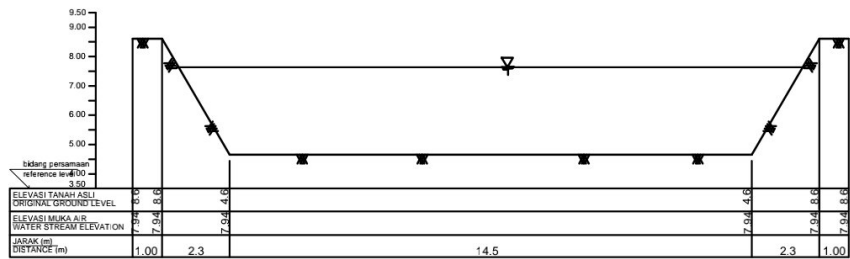
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STA. 24



STA. 25



STA. 26

NAMA KEGIATAN

**SKRIPSI**

JUDUL SKRIPSI

**ANALISA SISTEM  
DRAINASE SUNGAI  
PUCANG SIDOARJO  
DENGAN  
MENGGUNAKAN  
HEC-RAS**

JUDUL GAMBAR

**CROSS SECTION  
RENCANA STA. 24 - STA. 26  
PERIODE 25 THN**

DIGAMBAR

**LEGA PANTANA**

DIPERIKSA

**ANNA ROSYTHA, S.T., M.T.  
DAYAT INDRI Y, S.T., M.T.**

SKALA

**1 : 100**

NO. GAMBAR

JML. GAMBAR

24

24