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| <b>Owner:</b><br> | <b>Contractor:</b><br> | <b>Calculation Book</b><br>for<br>ROOF STRUCTURE OF<br>STORAGE TANK<br>4501/A/B/C | <b>Provider:</b><br> |
|  |   | Document No.:<br>SEC-PJ073-4501/A/B/C-A4-001                                      | SEC-Project No.: PJ073  |

**Roof Calculation Book**  
**for**  
**STORAGE TANK**  
**4501/A/B/C**  
**(Based on UBC-97)**

|      |            |             |            |             |             |
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## **ROOF STRUCTURE**

### **Introduction:**

This Calculation book covers the analysis and design of one vertical supported fixed Dome roof for storage tank 4501/A/B/C in BANDAR ASSALUYEH-IRAN.

The inside diameter and height of storage tank is 63000 mm.

Other technical information has written below:

Roof internal diameter is: 63000 mm=63 m.

Corrosion allowance is: 3 mm=0.003 m.

Wind velocity at 10 m is: 125 km/h.

Earthquake factor Z is: 0.4.

Roof plate thickness is: 8 mm=0.008 m.

Shell height =24.1 m

### **Used Codes:**

- 1- AISC (American Institute of Steel Construction).
- 2- ASCE (American Society of Civil Engineering).
- 3- UBC 1997 (Uniform Building code).
- 4- API -650 (American Petroleum Institute).
- 5- API -620 (American Petroleum Institute).

### **Structural Properties and Materials:**

Structural steel is: ST-37

With:

$F_y = 2400 \text{ kg/cm}^2$  and  $E = 2.1 \cdot 10^6 \text{ kg/cm}^2$ .

### **Analysis and Design method:**

The roof of steel structure have been modeled in sap2000 (v8.3.3) software and the software design members with defined load combination. The output data is shown at the end of calculation book.

### **Load cases:**

Load which acts on storage tank's roof are:

- 1- Dead load: Include weight of roof plate plus weight of steel structure.
- 2- Live load.
- 3- Un balanced live load + emergency Venting.
- 4- Snow load.
- 5- Earthquake load.
- 6- Vacuum load.
- 8- Wind load.

**Note:**

According to API-650(3.10.6.1) maximum spacing between rafters (center to center) is:

$$\text{Minimum radius} = 0.8 * D$$

$$\text{Maximum radius} = 1.2 * D$$

$$D \text{ in this manner is: } 50000 / 63000 = 0.79365$$

**Load Case:**

**1-Dead load:**

With assume roof plate thickness = 8mm = 0.008 m

Weight of plate in unit area is:

$$W = 0.008 * 7850 = 62.8 \text{ kg/m}^2$$

The weights of structural members automatically were calculated by software.

The amount of dead load exerted on main rafters as a trapezoidal distributed load.

**2-Live load:**

The value of uniform live load is 125 kg/m<sup>2</sup>. This load shall be exerted to the main rafter as trapezoidal distributed load.

**3-Snow load:**

The value of uniform snow load for ASSALUYEH is 25 kg/m<sup>2</sup> that shall be exerted on main rafters as a trapezoidal distributed load.

**4- Earthquake load:**

This load which its value is equal to 20% of the permanent load that we consider (D.L+Snow) for conservation, acts on structure and with assume Z=0.4 in zone 4 .

If we assume roof structure as a unit structure that must resist against earthquake load from UBC-97 part(1630.2) we have:

$$C = C_v * I / (R * T) \quad , C_{\max} = 2.5 * C_a * I / R \quad , C_{\min} = 0.11 * C_a * I$$

$$C_{\min} = 0.8 * Z * N_v * I / R \quad \text{for seismic zone "4"}$$

So for height of tank roof = 11.1702 m :

$$T = 0.0488 * h^{(0.75)} = 0.0488 * (11.1702^{0.75}) = 0.298171$$

$$R = 5.6 \quad , N_v = N_a = 1.0$$

$$\text{If we consider soil type = Sd then } C_v = 0.64 * N_v = 0.64 \quad \text{and}$$

$$C_a = 0.44 * N_a = 0.44$$

So:

$$C = 0.64 * 1.25 / (5.6 * 0.298171) = 0.4791$$

$$C_{\max} = 0.19643$$

$$C_{\min} = 0.07143$$

$$\text{So use } C = 0.19643$$

If we assume performance of structure as Non-building performance so from UBC-97 part (1634.5) we have:

$$R = 2.2$$

$$C_{\min} = 0.56 * C_a * I = 0.56 * 0.44 * 1.25 = 0.308$$

For zone "4" we have:

$$C_{min} = 1.6 * Z * N_v * I / R = 1.6 * 0.4 * 1 * 1.25 / 2.2 = 0.364$$

So use  $C = 0.364$

$$USE \quad C = 0.364$$

This coefficient is applied as user coefficient in load case of sap 2000 software.

#### **5-vacuum load:**

This load takes  $-60 \text{ kg/m}^2$  on projection area in calculation and acts on structure as trapezoidal distributed load.

#### **6- Wind load:**

From information of data sheet wind velocity at 10 m is 125 km/h so from UBC-97 (Table 16-F) for this velocity  $q_s = 15.5031 * 0.0479 = 0.7426 \text{ kN/m}^2$ ,  $C_e = 1.82$  (Table 16-G),  $C_q = 0.8$  (Table 16-H) and importance factor  $I_w = 1.15$  (table 16-k).

#### **Load combination:**

- 1-D.L.
- 2-D.L.+L.L
- 3-D.L.+U.L.
- 4-D.L.+S.L.
- 5-D.L.+EQX
- 6-D.L.-EQX
- 7-D.L.+EQY
- 8-D.L.-EQY
- 9-D.L.+L.L.+EQX
- 10- D.L.+L.L.-EQX
- 11- D.L.+L.L.+EQY
- 12- D.L.+L.L.-EQY
- 13- D.L.+UL.L.+EQX
- 14- D.L.+UL.L.-EQX
- 15- D.L.+UL.L.+EQY
- 16- D.L.+UL.L.-EQY
- 17- D.L.+S.L.+EQX
- 18- D.L.+S.L.-EQX
- 19- D.L.+S.L.+EQY
- 20- D.L.+S.L.-EQY
- 21- D.L.+VACUUM
- 22- D.L.+VACUUM+S.L
- 23- D.L.+VACUUM +EQX
- 24- D.L.+VACUUM- EQX
- 25- D.L.+VACUUM+EQY
- 26- D.L.+VACUUM -EQY
- 27-D.L.+WL
- 28-D.L.- WL
- 29-D.L.+L.L.+WL
- 30-D.L.+L.L.- WL
- 31- D.L.+UL.L.+WL

- 32- D.L.+U.L.L.-WL
- 33- D.L.+S.L.+WL
- 34- D.L.+S.L.-WL
- 35- D.L.+VACUUM+WL
- 36- D.L.+VACUUM-WL

**Load calculations:**

For main rafters in roof structure and  
With plate thickness = 8 mm = 0.008 m

We have:

Weight per unit area =  $7850 \times 0.008 = 62.8 \text{ kg/m}^2$

|    |      | DEAD = 0.008*7850 = 62.8 |            |        |          |          |          |                  |          |          |
|----|------|--------------------------|------------|--------|----------|----------|----------|------------------|----------|----------|
|    | N.O. | AREA                     | TOTAL AREA | L      | Weight   | W 0      | W 0 * L  | Weight - W 0 * L | W 1      | W 2      |
| 1  | 4    | 0.1782                   | 0.7128     | 2.1335 | 44.76384 | 0        | 0        | 44.76384         | 41.96282 | 41.96282 |
| 2  | 4    | 0.5333                   | 2.1332     | 2.1297 | 133.965  | 41.96282 | 89.36822 | 44.59673872      | 41.88077 | 83.84359 |
| 3  | 4    | 0.8878                   | 3.5512     | 2.1297 | 223.0154 | 83.84359 | 178.5617 | 44.45366128      | 41.74641 | 125.59   |
| 4  | 4    | 1.2407                   | 4.9628     | 2.1297 | 311.6638 | 125.59   | 267.469  | 44.19481872      | 41.50333 | 167.0933 |
| 5  | 2    | 1.5914                   | 3.1828     | 2.1297 | 199.8798 | 83.54666 | 177.9293 | 21.95051064      | 20.61371 | 104.1604 |
| 6  | 2    | 1.9391                   | 3.8782     | 2.1297 | 243.551  | 104.1604 | 221.8304 | 21.72060936      | 20.39781 | 124.5582 |
| 7  | 2    | 2.2831                   | 4.5662     | 2.1297 | 286.7574 | 124.5582 | 265.2716 | 21.48579064      | 20.17729 | 144.7355 |
| 8  | 2    | 2.6236                   | 5.2472     | 2.1297 | 329.5242 | 144.7355 | 308.2432 | 21.28100936      | 19.98498 | 164.7205 |
| 9  | 2    | 2.959                    | 5.918      | 2.1297 | 371.6504 | 164.7205 | 350.8052 | 20.84523064      | 19.57574 | 184.2962 |
| 10 | 2    | 3.289                    | 6.578      | 2.1297 | 413.0984 | 184.2962 | 392.4956 | 20.60276936      | 19.34805 | 203.6443 |
| 11 | 1    | 3.6131                   | 3.6131     | 2.1297 | 226.9027 | 101.8221 | 216.8506 | 10.05209532      | 9.439917 | 111.262  |
| 12 | 1    | 3.9307                   | 3.9307     | 2.1297 | 246.848  | 111.262  | 236.9548 | 9.893184681      | 9.290684 | 120.5527 |
| 13 | 1    | 4.2412                   | 4.2412     | 2.1297 | 266.3474 | 120.5527 | 256.7411 | 9.606215319      | 9.021191 | 129.5739 |
| 14 | 1    | 4.544                    | 4.544      | 2.1297 | 285.3632 | 129.5739 | 275.9536 | 9.409624681      | 8.836573 | 138.4105 |
| 15 | 1    | 4.8386                   | 4.8386     | 2.1297 | 303.8641 | 138.4105 | 294.7728 | 9.091255319      | 8.537592 | 146.9481 |
| 16 | 1    | 5.1244                   | 5.1244     | 2.1297 | 321.8123 | 146.9481 | 312.9553 | 8.856984681      | 8.317589 | 155.2657 |

We assume live load = 125 kg/m<sup>2</sup>

|    |      | LIVE = 125 |            |        |          |          |             |                  |          |          |
|----|------|------------|------------|--------|----------|----------|-------------|------------------|----------|----------|
|    | N.O. | AREA       | TOTAL AREA | L      | Weight   | W 0      | W 0 * L     | Weight - W 0 * L | W 1      | W 2      |
| 1  | 4    | 0.1782     | 0.7128     | 2.1335 | 89.1     | 0        | 0           | 89.1             | 83.52472 | 83.52472 |
| 2  | 4    | 0.5333     | 2.1332     | 2.1297 | 266.65   | 83.52472 | 177.882606  | 88.76739395      | 83.36141 | 166.8861 |
| 3  | 4    | 0.8878     | 3.5512     | 2.1297 | 443.9    | 166.8861 | 355.417394  | 88.48260605      | 83.09396 | 249.9801 |
| 4  | 4    | 1.2407     | 4.9628     | 2.1297 | 620.35   | 249.9801 | 532.382606  | 87.96739395      | 82.61013 | 332.5902 |
| 5  | 2    | 1.5914     | 3.1828     | 2.1297 | 397.85   | 166.2951 | 354.158697  | 43.69130302      | 41.03048 | 207.3256 |
| 6  | 2    | 1.9391     | 3.8782     | 2.1297 | 484.775  | 207.3256 | 441.541303  | 43.23369698      | 40.60074 | 247.9263 |
| 7  | 2    | 2.2831     | 4.5662     | 2.1297 | 570.775  | 247.9263 | 528.008697  | 42.76630302      | 40.16181 | 288.0881 |
| 8  | 2    | 2.6236     | 5.2472     | 2.1297 | 655.9    | 288.0881 | 613.541303  | 42.35869698      | 39.77903 | 327.8672 |
| 9  | 2    | 2.959      | 5.918      | 2.1297 | 739.75   | 327.8672 | 698.258697  | 41.49130302      | 38.96446 | 366.8316 |
| 10 | 2    | 3.289      | 6.578      | 2.1297 | 822.25   | 366.8316 | 781.241303  | 41.00869698      | 38.51124 | 405.3429 |
| 11 | 1    | 3.6131     | 3.6131     | 2.1297 | 451.6375 | 202.6714 | 431.6293485 | 20.00815151      | 18.78964 | 221.4611 |
| 12 | 1    | 3.9307     | 3.9307     | 2.1297 | 491.3375 | 221.4611 | 471.6456515 | 19.69184849      | 18.4926  | 239.9537 |
| 13 | 1    | 4.2412     | 4.2412     | 2.1297 | 530.15   | 239.9537 | 511.0293485 | 19.12065151      | 17.95619 | 257.9099 |
| 14 | 1    | 4.544      | 4.544      | 2.1297 | 568      | 257.9099 | 549.2706515 | 18.72934849      | 17.58872 | 275.4986 |
| 15 | 1    | 4.8386     | 4.8386     | 2.1297 | 604.825  | 275.4986 | 586.7293485 | 18.09565151      | 16.99362 | 292.4922 |
| 16 | 1    | 5.1244     | 5.1244     | 2.1297 | 640.55   | 292.4922 | 622.9206515 | 17.62934849      | 16.55571 | 309.0479 |

We assume snow load=25 kg/m<sup>2</sup>

|    |      | SNOW = 25 |            |        |         |          |          |                  |          |          |  |
|----|------|-----------|------------|--------|---------|----------|----------|------------------|----------|----------|--|
|    | N.O. | AREA      | TOTAL AREA | L      | Weight  | W 0      | W 0 * L  | Weight - W 0 * L | W 1      | W 2      |  |
| 1  | 4    | 0.1782    | 0.7128     | 2.1335 | 17.82   | 0        | 0        | 17.82            | 16.70494 | 16.70494 |  |
| 2  | 4    | 0.5333    | 2.1332     | 2.1297 | 53.33   | 16.70494 | 35.57652 | 17.75347879      | 16.67228 | 33.37723 |  |
| 3  | 4    | 0.8878    | 3.5512     | 2.1297 | 88.78   | 33.37723 | 71.08348 | 17.69652121      | 16.61879 | 49.99602 |  |
| 4  | 4    | 1.2407    | 4.9628     | 2.1297 | 124.07  | 49.99602 | 106.4765 | 17.59347879      | 16.52203 | 66.51804 |  |
| 5  | 2    | 1.5914    | 3.1828     | 2.1297 | 79.57   | 33.25902 | 70.83174 | 8.738260605      | 8.206095 | 41.46512 |  |
| 6  | 2    | 1.9391    | 3.8782     | 2.1297 | 96.955  | 41.46512 | 88.30826 | 8.646739395      | 8.120148 | 49.58527 |  |
| 7  | 2    | 2.2831    | 4.5662     | 2.1297 | 114.155 | 49.58527 | 105.6017 | 8.553260605      | 8.032362 | 57.61763 |  |
| 8  | 2    | 2.6236    | 5.2472     | 2.1297 | 131.18  | 57.61763 | 122.7083 | 8.471739395      | 7.955805 | 65.57343 |  |
| 9  | 2    | 2.959     | 5.918      | 2.1297 | 147.95  | 65.57343 | 139.6517 | 8.298260605      | 7.792892 | 73.36632 |  |
| 10 | 2    | 3.289     | 6.578      | 2.1297 | 164.45  | 73.36632 | 156.2483 | 8.201739395      | 7.702249 | 81.06857 |  |
| 11 | 1    | 3.6131    | 3.6131     | 2.1297 | 90.3275 | 40.53429 | 86.32587 | 4.001630302      | 3.757929 | 44.29222 |  |
| 12 | 1    | 3.9307    | 3.9307     | 2.1297 | 98.2675 | 44.29222 | 94.32913 | 3.938369698      | 3.698521 | 47.99074 |  |
| 13 | 1    | 4.2412    | 4.2412     | 2.1297 | 106.03  | 47.99074 | 102.2059 | 3.824130302      | 3.591238 | 51.58197 |  |
| 14 | 1    | 4.544     | 4.544      | 2.1297 | 113.6   | 51.58197 | 109.8541 | 3.745869698      | 3.517744 | 55.09972 |  |
| 15 | 1    | 4.8386    | 4.8386     | 2.1297 | 120.965 | 55.09972 | 117.3459 | 3.619130302      | 3.398723 | 58.49844 |  |
| 16 | 1    | 5.1244    | 5.1244     | 2.1297 | 128.11  | 58.49844 | 124.5841 | 3.525869698      | 3.311142 | 61.80958 |  |

We assume unbalance live load+Emergency Venting =62.5 kg/m<sup>2</sup>

|    |      | U.L.LIVE = 62.5 |            |        |          |          |          |                  |          |          |  |
|----|------|-----------------|------------|--------|----------|----------|----------|------------------|----------|----------|--|
|    | N.O. | AREA            | TOTAL AREA | L      | Weight   | W 0      | W 0 * L  | Weight - W 0 * L | W 1      | W 2      |  |
| 1  | 4    | 0.1782          | 0.7128     | 2.1335 | 44.55    | 0        | 0        | 44.55            | 41.76236 | 41.76236 |  |
| 2  | 4    | 0.5333          | 2.1332     | 2.1297 | 133.325  | 41.76236 | 88.9413  | 44.38369698      | 41.6807  | 83.44307 |  |
| 3  | 4    | 0.8878          | 3.5512     | 2.1297 | 221.95   | 83.44307 | 177.7087 | 44.24130302      | 41.54698 | 124.99   |  |
| 4  | 4    | 1.2407          | 4.9628     | 2.1297 | 310.175  | 124.99   | 266.1913 | 43.98369698      | 41.30506 | 166.2951 |  |
| 5  | 2    | 1.5914          | 3.1828     | 2.1297 | 198.925  | 83.14756 | 177.0793 | 21.84565151      | 20.51524 | 103.6628 |  |
| 6  | 2    | 1.9391          | 3.8782     | 2.1297 | 242.3875 | 103.6628 | 220.7707 | 21.61684849      | 20.30037 | 123.9632 |  |
| 7  | 2    | 2.2831          | 4.5662     | 2.1297 | 285.3875 | 123.9632 | 264.0043 | 21.38315151      | 20.0809  | 144.0441 |  |
| 8  | 2    | 2.6236          | 5.2472     | 2.1297 | 327.95   | 144.0441 | 306.7707 | 21.17934849      | 19.88951 | 163.9336 |  |
| 9  | 2    | 2.959           | 5.918      | 2.1297 | 369.875  | 163.9336 | 349.1293 | 20.74565151      | 19.48223 | 183.4158 |  |
| 10 | 2    | 3.289           | 6.578      | 2.1297 | 411.125  | 183.4158 | 390.6207 | 20.50434849      | 19.25562 | 202.6714 |  |
| 11 | 1    | 3.6131          | 3.6131     | 2.1297 | 225.8188 | 101.3357 | 215.8147 | 10.00407576      | 9.394822 | 110.7305 |  |
| 12 | 1    | 3.9307          | 3.9307     | 2.1297 | 245.6688 | 110.7305 | 235.8228 | 9.845924244      | 9.246302 | 119.9768 |  |
| 13 | 1    | 4.2412          | 4.2412     | 2.1297 | 265.075  | 119.9768 | 255.5147 | 9.560325756      | 8.978096 | 128.9549 |  |
| 14 | 1    | 4.544           | 4.544      | 2.1297 | 284      | 128.9549 | 274.6353 | 9.364674244      | 8.79436  | 137.7493 |  |
| 15 | 1    | 4.8386          | 4.8386     | 2.1297 | 302.4125 | 137.7493 | 293.3647 | 9.047825756      | 8.496808 | 146.2461 |  |
| 16 | 1    | 5.1244          | 5.1244     | 2.1297 | 320.275  | 146.2461 | 311.4603 | 8.814674244      | 8.277855 | 154.524  |  |

We assume Vacuum load=-60 kg/m<sup>2</sup> on projected area.

$$\text{Area} = \Pi/4 * D^2 = 3117.245 \text{ m}^2$$

$$\text{Vaccume} = 60 * 3117.245 = 187034.7 \text{ kg} = 187.0347 \text{ ton}$$

For one quarter of roof:

$$\text{Vaccume} = 46.76 \text{ ton}$$

And for each rafter we have:

$$\text{Vaccume} = 46.76/5 = 9.352 \text{ ton}$$

$$L = 31.9455 \text{ m}$$

$$\text{Vaccume} = 292.75 \text{ kg/m}$$

We assume Wind load= $C_e \cdot C_q \cdot q_s \cdot I_w$   
 So Wind load= $1.82 \cdot 0.8 \cdot 74.26 \cdot 1.15 = 124.341 \text{ kg/m}^2$

|    |      | WIND = 124.341 |            |        |          |          |          |                  |          |          |  |
|----|------|----------------|------------|--------|----------|----------|----------|------------------|----------|----------|--|
|    | N.O. | AREA           | TOTAL AREA | L      | Weight   | W 0      | W 0 * L  | Weight - W 0 * L | W 1      | W 2      |  |
| 1  | 4    | 0.1782         | 0.7128     | 2.1335 | 88.63026 | 0        | 0        | 88.6302648       | 83.08438 | 83.08438 |  |
| 2  | 4    | 0.5333         | 2.1332     | 2.1297 | 265.2442 | 83.08438 | 176.9448 | 88.29941225      | 82.92193 | 166.0063 |  |
| 3  | 4    | 0.8878         | 3.5512     | 2.1297 | 441.5598 | 166.0063 | 353.5436 | 88.01612575      | 82.65589 | 248.6622 |  |
| 4  | 4    | 1.2407         | 4.9628     | 2.1297 | 617.0795 | 248.6622 | 529.5759 | 87.50362985      | 82.17461 | 330.8368 |  |
| 5  | 2    | 1.5914         | 3.1828     | 2.1297 | 395.7525 | 165.4184 | 352.2916 | 43.46096247      | 40.81416 | 206.2326 |  |
| 6  | 2    | 1.9391         | 3.8782     | 2.1297 | 482.2193 | 206.2326 | 439.2135 | 43.00576893      | 40.38669 | 246.6193 |  |
| 7  | 2    | 2.2831         | 4.5662     | 2.1297 | 567.7659 | 246.6193 | 525.225  | 42.54083907      | 39.95008 | 286.5693 |  |
| 8  | 2    | 2.6236         | 5.2472     | 2.1297 | 652.4421 | 286.5693 | 610.3067 | 42.13538193      | 39.56931 | 326.1386 |  |
| 9  | 2    | 2.959          | 5.918      | 2.1297 | 735.85   | 326.1386 | 694.5775 | 41.27256087      | 38.75904 | 364.8977 |  |
| 10 | 2    | 3.289          | 6.578      | 2.1297 | 817.9151 | 364.8977 | 777.1226 | 40.79249913      | 38.30821 | 403.2059 |  |
| 11 | 1    | 3.6131         | 3.6131     | 2.1297 | 449.2565 | 201.6029 | 429.3538 | 19.90266854      | 18.69058 | 220.2935 |  |
| 12 | 1    | 3.9307         | 3.9307     | 2.1297 | 488.7472 | 220.2935 | 469.1591 | 19.58803306      | 18.39511 | 238.6886 |  |
| 13 | 1    | 4.2412         | 4.2412     | 2.1297 | 527.355  | 238.6886 | 508.3352 | 19.01984744      | 17.86153 | 256.5502 |  |
| 14 | 1    | 4.544          | 4.544      | 2.1297 | 565.0055 | 256.5502 | 546.3749 | 18.63060736      | 17.49599 | 274.0462 |  |
| 15 | 1    | 4.8386         | 4.8386     | 2.1297 | 601.6364 | 274.0462 | 583.6361 | 18.00025124      | 16.90403 | 290.9502 |  |
| 16 | 1    | 5.1244         | 5.1244     | 2.1297 | 637.173  | 290.9502 | 619.6366 | 17.53640656      | 16.46843 | 307.4186 |  |

**Deflection Control:**

For Dead+Live case the deflection must be  $\leq L/240$  (UBC-97, Table 16-D) so  
 Maximum deflection =  $31945.5/240 = 133.10625 \text{ mm} = 0.1331 \text{ m}$   
 With sap analysis we get maximum deflection in Dead+Live case =  $13.4523 \text{ mm}$  so  
 $13.4523 \text{ mm} \leq 133.10625 \text{ mm}$  o.k.

**Model Definition:**

SAP2000 v8.3.3 File: 1 7/17/06 11:48:47

Table: Active Degrees of Freedom

| UX     | UY     | UZ     | RX     | RY     | RZ     |
|--------|--------|--------|--------|--------|--------|
| Yes/No | Yes/No | Yes/No | Yes/No | Yes/No | Yes/No |
| Yes    | Yes    | Yes    | Yes    | Yes    | Yes    |

Table: Analysis Case Definitions

| Case Text | Type Text | InitialCond Text | ModalCase Text |
|-----------|-----------|------------------|----------------|
| DEAD      | LinStatic | Zero             |                |
| LIVE      | LinStatic | Zero             |                |
| EQx       | LinStatic | Zero             |                |
| WIND      | LinStatic | Zero             |                |
| SNOW      | LinStatic | Zero             |                |
| ULL       | LinStatic | Zero             |                |
| EQy       | LinStatic | Zero             |                |
| vaccum    | LinStatic | Zero             |                |

Table: Auto Seismic - User Coefficient, Part 1 of 2

| LoadCase Text | Dir Text | PercentEcc Unitless | EccOverride Yes/No | MaxZ m   | MinZ m  | C Unitless | K Unitless |
|---------------|----------|---------------------|--------------------|----------|---------|------------|------------|
| EQx           | X        | 0.050000            | No                 | 11.17020 | 0.00000 | 0.364000   | 1.000000   |
| EQy           | Y        | 0.050000            | No                 | 11.17020 | 0.00000 | 0.364000   | 1.000000   |

Table: Auto Seismic - User Coefficient, Part 2 of 2

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Project No.      Rev.

PJ.073            0

Date: 17.05.2005

Sheet 8 of 70

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

LoadCase WeightUsed BaseShear  
Text      Kgf      Kgf

EQx 438998.69 159795.52  
EQy 438998.69 159795.52

Table: Auto Seismic Loads To Joints, Part 1 of 2

| LoadCase<br>Text | AutoLdType<br>Text | JointElem<br>Text | Joint<br>Kgf | FX<br>Kgf | FY<br>Kgf | FZ<br>Kgf-m | MX   |
|------------------|--------------------|-------------------|--------------|-----------|-----------|-------------|------|
| EQx              | USER COEFF         | 3                 | 3            | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 4                 | 4            | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 6                 | 6            | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 8                 | 8            | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 10                | 10           | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 12                | 12           | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 14                | 14           | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 16                | 16           | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 18                | 18           | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 20                | 20           | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 22                | 22           | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 24                | 24           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 26                | 26           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 28                | 28           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 30                | 30           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 32                | 32           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 34                | 34           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 36                | 36           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 38                | 38           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 40                | 40           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 42                | 42           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 44                | 44           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 46                | 46           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 48                | 48           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 50                | 50           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 52                | 52           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 54                | 54           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 56                | 56           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 58                | 58           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 60                | 60           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 62                | 62           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 64                | 64           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 66                | 66           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 68                | 68           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 70                | 70           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 72                | 72           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 74                | 74           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 76                | 76           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 78                | 78           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 80                | 80           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 82                | 82           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 84                | 84           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 86                | 86           | 48.56     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 88                | 88           | 48.45     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 90                | 90           | 48.56     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 92                | 92           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 94                | 94           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 96                | 96           | 48.86     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 98                | 98           | 48.96     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 100               | 100          | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 102               | 102          | 48.56     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 104               | 104          | 48.45     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 106               | 106          | 48.56     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 108               | 108          | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 110               | 110          | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 112               | 112          | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 114               | 114          | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 116               | 116          | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 118               | 118          | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 120               | 120          | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 122               | 122          | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 124               | 124          | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 126               | 126          | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 128               | 128          | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 130               | 130          | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 132               | 132          | 48.47     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 134               | 134          | 48.57     | 0.00      | 0.00        | 0.00 |
| EQx              | USER COEFF         | 136               | 136          | 48.47     | 0.00      | 0.00        | 0.00 |



## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Project No.      Rev.

PJ.073              0

Date: 17.05.2005

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

Sheet 9 of 70

|                |     |     |       |      |      |      |
|----------------|-----|-----|-------|------|------|------|
| EQx USER COEFF | 138 | 138 | 48.57 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 140 | 140 | 48.47 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 142 | 142 | 48.57 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 144 | 144 | 48.47 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 146 | 146 | 48.57 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 148 | 148 | 48.47 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 150 | 150 | 48.57 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 152 | 152 | 48.47 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 154 | 154 | 48.57 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 156 | 156 | 48.47 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 158 | 158 | 48.57 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 160 | 160 | 48.47 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 161 | 161 | 89.65 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 162 | 162 | 89.85 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 163 | 163 | 89.85 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 164 | 164 | 89.65 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 165 | 165 | 89.85 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 166 | 166 | 89.65 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 167 | 167 | 89.85 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 168 | 168 | 88.06 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 169 | 169 | 89.85 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 170 | 170 | 89.65 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 171 | 171 | 89.85 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 172 | 172 | 88.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 173 | 173 | 89.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 174 | 174 | 88.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 175 | 175 | 89.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 176 | 176 | 88.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 177 | 177 | 89.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 178 | 178 | 89.69 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 179 | 179 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 180 | 180 | 88.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 181 | 181 | 89.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 182 | 182 | 88.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 183 | 183 | 89.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 184 | 184 | 88.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 185 | 185 | 89.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 186 | 186 | 88.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 187 | 187 | 89.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 188 | 188 | 88.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 189 | 189 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 190 | 190 | 89.69 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 191 | 191 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 192 | 192 | 89.69 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 193 | 193 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 194 | 194 | 89.69 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 195 | 195 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 196 | 196 | 89.69 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 197 | 197 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 198 | 198 | 89.69 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 199 | 199 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 200 | 200 | 89.69 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 201 | 201 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 202 | 202 | 89.69 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 203 | 203 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 204 | 204 | 89.69 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 205 | 205 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 206 | 206 | 89.69 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 207 | 207 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 208 | 208 | 89.69 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 209 | 209 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 210 | 210 | 90.45 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 211 | 211 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 212 | 212 | 89.69 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 213 | 213 | 89.90 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 214 | 214 | 90.45 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 215 | 215 | 90.66 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 216 | 216 | 90.45 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 217 | 217 | 90.66 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 218 | 218 | 90.45 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 219 | 219 | 90.66 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 220 | 220 | 90.45 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 221 | 221 | 90.66 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 222 | 222 | 90.45 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 223 | 223 | 90.66 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 224 | 224 | 90.45 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 225 | 225 | 90.66 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 226 | 226 | 90.45 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 227 | 227 | 90.66 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 228 | 228 | 90.45 | 0.00 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |        |      |      |      |
|----------------|-----|-----|--------|------|------|------|
| EQx USER COEFF | 229 | 229 | 90.66  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 230 | 230 | 90.45  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 231 | 231 | 90.66  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 232 | 232 | 90.45  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 233 | 233 | 89.85  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 234 | 234 | 89.65  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 235 | 235 | 89.85  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 236 | 236 | 89.65  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 237 | 237 | 89.85  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 238 | 238 | 89.65  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 239 | 239 | 89.85  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 240 | 240 | 89.65  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 241 | 241 | 123.67 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 242 | 242 | 123.97 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 243 | 243 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 244 | 244 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 245 | 245 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 246 | 246 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 247 | 247 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 248 | 248 | 122.58 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 249 | 249 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 250 | 250 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 251 | 251 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 252 | 252 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 253 | 253 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 254 | 254 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 255 | 255 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 256 | 256 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 257 | 257 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 258 | 258 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 259 | 259 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 260 | 260 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 261 | 261 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 262 | 262 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 263 | 263 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 264 | 264 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 265 | 265 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 266 | 266 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 267 | 267 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 268 | 268 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 269 | 269 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 270 | 270 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 271 | 271 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 272 | 272 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 273 | 273 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 274 | 274 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 275 | 275 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 276 | 276 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 277 | 277 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 278 | 278 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 279 | 279 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 280 | 280 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 281 | 281 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 282 | 282 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 283 | 283 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 284 | 284 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 285 | 285 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 286 | 286 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 287 | 287 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 288 | 288 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 289 | 289 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 290 | 290 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 291 | 291 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 292 | 292 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 293 | 293 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 294 | 294 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 295 | 295 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 296 | 296 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 297 | 297 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 298 | 298 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 299 | 299 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 300 | 300 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 301 | 301 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 302 | 302 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 303 | 303 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 304 | 304 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 305 | 305 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 306 | 306 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 307 | 307 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 308 | 308 | 123.70 | 0.00 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Project No.      Rev.

PJ.073              0

Date: 17.05.2005

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

Sheet 11 of 70

|                |     |     |        |      |      |      |
|----------------|-----|-----|--------|------|------|------|
| EQx USER COEFF | 309 | 309 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 310 | 310 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 311 | 311 | 124.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 312 | 312 | 123.70 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 313 | 313 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 314 | 314 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 315 | 315 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 316 | 316 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 317 | 317 | 125.18 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 318 | 318 | 124.88 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 319 | 319 | 123.97 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 320 | 320 | 123.67 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 321 | 321 | 150.65 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 322 | 322 | 151.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 323 | 323 | 149.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 324 | 324 | 149.10 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 325 | 325 | 149.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 326 | 326 | 149.10 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 327 | 327 | 149.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 328 | 328 | 135.51 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 329 | 329 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 330 | 330 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 331 | 331 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 332 | 332 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 333 | 333 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 334 | 334 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 335 | 335 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 336 | 336 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 337 | 337 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 338 | 338 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 339 | 339 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 340 | 340 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 341 | 341 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 342 | 342 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 343 | 343 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 344 | 344 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 345 | 345 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 346 | 346 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 347 | 347 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 348 | 348 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 349 | 349 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 350 | 350 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 351 | 351 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 352 | 352 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 353 | 353 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 354 | 354 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 355 | 355 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 356 | 356 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 357 | 357 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 358 | 358 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 359 | 359 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 360 | 360 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 361 | 361 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 362 | 362 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 363 | 363 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 364 | 364 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 365 | 365 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 366 | 366 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 367 | 367 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 368 | 368 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 369 | 369 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 370 | 370 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 371 | 371 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 372 | 372 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 373 | 373 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 374 | 374 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 375 | 375 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 376 | 376 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 377 | 377 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 378 | 378 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 379 | 379 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 380 | 380 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 381 | 381 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 382 | 382 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 383 | 383 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 384 | 384 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 385 | 385 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 386 | 386 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 387 | 387 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 388 | 388 | 150.64 | 0.00 | 0.00 | 0.00 |

**Roof Calculation Book**  
for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |        |      |      |      |
|----------------|-----|-----|--------|------|------|------|
| EQx USER COEFF | 389 | 389 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 390 | 390 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 391 | 391 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 392 | 392 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 393 | 393 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 394 | 394 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 395 | 395 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 396 | 396 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 397 | 397 | 151.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 398 | 398 | 150.64 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 399 | 399 | 152.58 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 400 | 400 | 152.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 401 | 401 | 175.79 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 402 | 402 | 173.34 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 403 | 403 | 173.34 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 404 | 404 | 175.79 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 405 | 405 | 173.34 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 406 | 406 | 175.79 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 407 | 407 | 173.34 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 408 | 408 | 156.16 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 409 | 409 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 410 | 410 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 411 | 411 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 412 | 412 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 413 | 413 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 414 | 414 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 415 | 415 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 416 | 416 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 417 | 417 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 418 | 418 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 419 | 419 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 420 | 420 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 421 | 421 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 422 | 422 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 423 | 423 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 424 | 424 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 425 | 425 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 426 | 426 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 427 | 427 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 428 | 428 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 429 | 429 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 430 | 430 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 431 | 431 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 432 | 432 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 433 | 433 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 434 | 434 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 435 | 435 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 436 | 436 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 437 | 437 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 438 | 438 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 439 | 439 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 440 | 440 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 441 | 441 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 442 | 442 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 443 | 443 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 444 | 444 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 445 | 445 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 446 | 446 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 447 | 447 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 448 | 448 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 449 | 449 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 450 | 450 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 451 | 451 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 452 | 452 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 453 | 453 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 454 | 454 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 455 | 455 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 456 | 456 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 457 | 457 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 458 | 458 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 459 | 459 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 460 | 460 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 461 | 461 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 462 | 462 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 463 | 463 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 464 | 464 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 465 | 465 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 466 | 466 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 467 | 467 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 468 | 468 | 173.93 | 0.00 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |        |      |      |      |
|----------------|-----|-----|--------|------|------|------|
| EQx USER COEFF | 469 | 469 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 470 | 470 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 471 | 471 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 472 | 472 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 473 | 473 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 474 | 474 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 475 | 475 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 476 | 476 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 477 | 477 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 478 | 478 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 479 | 479 | 171.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 480 | 480 | 173.93 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 481 | 481 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 482 | 482 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 483 | 483 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 484 | 484 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 485 | 485 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 486 | 486 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 487 | 487 | 313.48 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 488 | 488 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 489 | 489 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 490 | 490 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 491 | 491 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 492 | 492 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 493 | 493 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 494 | 494 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 495 | 495 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 496 | 496 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 497 | 497 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 498 | 498 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 499 | 499 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 500 | 500 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 501 | 501 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 502 | 502 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 503 | 503 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 504 | 504 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 505 | 505 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 506 | 506 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 507 | 507 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 508 | 508 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 509 | 509 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 510 | 510 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 511 | 511 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 512 | 512 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 513 | 513 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 514 | 514 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 515 | 515 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 516 | 516 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 517 | 517 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 518 | 518 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 519 | 519 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 520 | 520 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 521 | 521 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 522 | 522 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 523 | 523 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 524 | 524 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 525 | 525 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 526 | 526 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 527 | 527 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 528 | 528 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 529 | 529 | 338.65 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 530 | 530 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 531 | 531 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 532 | 532 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 533 | 533 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 534 | 534 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 535 | 535 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 536 | 536 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 537 | 537 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 538 | 538 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 539 | 539 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 540 | 540 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 541 | 541 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 542 | 542 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 543 | 543 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 544 | 544 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 545 | 545 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 546 | 546 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 547 | 547 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 548 | 548 | 164.68 | 0.00 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Project No.      Rev.

PJ.073              0

Date: 17.05.2005

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

Sheet 14 of 70

|                |     |     |        |      |      |      |
|----------------|-----|-----|--------|------|------|------|
| EQx USER COEFF | 549 | 549 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 550 | 550 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 551 | 551 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 552 | 552 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 553 | 553 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 554 | 554 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 555 | 555 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 556 | 556 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 557 | 557 | 343.20 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 558 | 558 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 559 | 559 | 318.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 560 | 560 | 164.68 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 561 | 561 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 562 | 562 | 328.95 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 563 | 563 | 330.85 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 564 | 564 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 565 | 565 | 328.95 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 566 | 566 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 567 | 567 | 335.97 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 568 | 568 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 569 | 569 | 328.95 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 570 | 570 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 571 | 571 | 330.85 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 572 | 572 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 573 | 573 | 328.95 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 574 | 574 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 575 | 575 | 330.85 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 576 | 576 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 577 | 577 | 328.95 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 578 | 578 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 579 | 579 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 580 | 580 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 581 | 581 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 582 | 582 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 583 | 583 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 584 | 584 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 585 | 585 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 586 | 586 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 587 | 587 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 588 | 588 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 589 | 589 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 590 | 590 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 591 | 591 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 592 | 592 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 593 | 593 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 594 | 594 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 595 | 595 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 596 | 596 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 597 | 597 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 598 | 598 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 599 | 599 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 600 | 600 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 601 | 601 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 602 | 602 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 603 | 603 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 604 | 604 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 605 | 605 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 606 | 606 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 607 | 607 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 608 | 608 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 609 | 609 | 339.50 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 610 | 610 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 611 | 611 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 612 | 612 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 613 | 613 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 614 | 614 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 615 | 615 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 616 | 616 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 617 | 617 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 618 | 618 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 619 | 619 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 620 | 620 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 621 | 621 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 622 | 622 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 623 | 623 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 624 | 624 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 625 | 625 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 626 | 626 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 627 | 627 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 628 | 628 | 13.76  | 0.00 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |        |      |      |      |
|----------------|-----|-----|--------|------|------|------|
| EQx USER COEFF | 629 | 629 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 630 | 630 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 631 | 631 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 632 | 632 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 633 | 633 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 634 | 634 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 635 | 635 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 636 | 636 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 637 | 637 | 334.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 638 | 638 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 639 | 639 | 336.27 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 640 | 640 | 13.76  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 641 | 641 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 642 | 642 | 334.80 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 643 | 643 | 341.80 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 644 | 644 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 645 | 645 | 334.80 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 646 | 646 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 647 | 647 | 341.80 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 648 | 648 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 649 | 649 | 334.80 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 650 | 650 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 651 | 651 | 341.80 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 652 | 652 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 653 | 653 | 334.80 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 654 | 654 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 655 | 655 | 341.80 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 656 | 656 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 657 | 657 | 334.80 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 658 | 658 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 659 | 659 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 660 | 660 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 661 | 661 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 662 | 662 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 663 | 663 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 664 | 664 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 665 | 665 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 666 | 666 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 667 | 667 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 668 | 668 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 669 | 669 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 670 | 670 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 671 | 671 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 672 | 672 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 673 | 673 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 674 | 674 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 675 | 675 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 676 | 676 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 677 | 677 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 678 | 678 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 679 | 679 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 680 | 680 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 681 | 681 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 682 | 682 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 683 | 683 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 684 | 684 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 685 | 685 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 686 | 686 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 687 | 687 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 688 | 688 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 689 | 689 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 690 | 690 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 691 | 691 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 692 | 692 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 693 | 693 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 694 | 694 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 695 | 695 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 696 | 696 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 697 | 697 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 698 | 698 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 699 | 699 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 700 | 700 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 701 | 701 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 702 | 702 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 703 | 703 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 704 | 704 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 705 | 705 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 706 | 706 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 707 | 707 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 708 | 708 | 13.50  | 0.00 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 16 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |        |      |      |      |
|----------------|-----|-----|--------|------|------|------|
| EQx USER COEFF | 709 | 709 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 710 | 710 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 711 | 711 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 712 | 712 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 713 | 713 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 714 | 714 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 715 | 715 | 335.84 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 716 | 716 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 717 | 717 | 328.83 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 718 | 718 | 12.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 719 | 719 | 337.13 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 720 | 720 | 13.50  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 721 | 721 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 722 | 722 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 723 | 723 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 724 | 724 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 725 | 725 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 726 | 726 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 727 | 727 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 728 | 728 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 729 | 729 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 730 | 730 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 731 | 731 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 732 | 732 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 733 | 733 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 734 | 734 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 735 | 735 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 736 | 736 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 737 | 737 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 738 | 738 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 739 | 739 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 740 | 740 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 741 | 741 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 742 | 742 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 743 | 743 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 744 | 744 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 745 | 745 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 746 | 746 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 747 | 747 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 748 | 748 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 749 | 749 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 750 | 750 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 751 | 751 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 752 | 752 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 753 | 753 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 754 | 754 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 755 | 755 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 756 | 756 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 757 | 757 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 758 | 758 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 759 | 759 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 760 | 760 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 761 | 761 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 762 | 762 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 763 | 763 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 764 | 764 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 765 | 765 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 766 | 766 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 767 | 767 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 768 | 768 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 769 | 769 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 770 | 770 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 771 | 771 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 772 | 772 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 773 | 773 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 774 | 774 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 775 | 775 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 776 | 776 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 777 | 777 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 778 | 778 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 779 | 779 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 780 | 780 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 781 | 781 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 782 | 782 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 783 | 783 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 784 | 784 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 785 | 785 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 786 | 786 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 787 | 787 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 788 | 788 | 12.79  | 0.00 | 0.00 | 0.00 |



## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |        |      |      |      |
|----------------|-----|-----|--------|------|------|------|
| EQx USER COEFF | 789 | 789 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 790 | 790 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 791 | 791 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 792 | 792 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 793 | 793 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 794 | 794 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 795 | 795 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 796 | 796 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 797 | 797 | 318.89 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 798 | 798 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 799 | 799 | 320.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 800 | 800 | 12.79  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 801 | 801 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 802 | 802 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 803 | 803 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 804 | 804 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 805 | 805 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 806 | 806 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 807 | 807 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 808 | 808 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 809 | 809 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 810 | 810 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 811 | 811 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 812 | 812 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 813 | 813 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 814 | 814 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 815 | 815 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 816 | 816 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 817 | 817 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 818 | 818 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 819 | 819 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 820 | 820 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 821 | 821 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 822 | 822 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 823 | 823 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 824 | 824 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 825 | 825 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 826 | 826 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 827 | 827 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 828 | 828 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 829 | 829 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 830 | 830 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 831 | 831 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 832 | 832 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 833 | 833 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 834 | 834 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 835 | 835 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 836 | 836 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 837 | 837 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 838 | 838 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 839 | 839 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 840 | 840 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 841 | 841 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 842 | 842 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 843 | 843 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 844 | 844 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 845 | 845 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 846 | 846 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 847 | 847 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 848 | 848 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 849 | 849 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 850 | 850 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 851 | 851 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 852 | 852 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 853 | 853 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 854 | 854 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 855 | 855 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 856 | 856 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 857 | 857 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 858 | 858 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 859 | 859 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 860 | 860 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 861 | 861 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 862 | 862 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 863 | 863 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 864 | 864 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 865 | 865 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 866 | 866 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 867 | 867 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 868 | 868 | 11.68  | 0.00 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 18 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |        |      |      |      |
|----------------|-----|-----|--------|------|------|------|
| EQx USER COEFF | 869 | 869 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 870 | 870 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 871 | 871 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 872 | 872 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 873 | 873 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 874 | 874 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 875 | 875 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 876 | 876 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 877 | 877 | 300.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 878 | 878 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 879 | 879 | 302.09 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 880 | 880 | 11.68  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 881 | 881 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 882 | 882 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 883 | 883 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 884 | 884 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 885 | 885 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 886 | 886 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 887 | 887 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 888 | 888 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 889 | 889 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 890 | 890 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 891 | 891 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 892 | 892 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 893 | 893 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 894 | 894 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 895 | 895 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 896 | 896 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 897 | 897 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 898 | 898 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 899 | 899 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 900 | 900 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 901 | 901 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 902 | 902 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 903 | 903 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 904 | 904 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 905 | 905 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 906 | 906 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 907 | 907 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 908 | 908 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 909 | 909 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 910 | 910 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 911 | 911 | 249.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 912 | 912 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 913 | 913 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 914 | 914 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 915 | 915 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 916 | 916 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 917 | 917 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 918 | 918 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 919 | 919 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 920 | 920 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 921 | 921 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 922 | 922 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 923 | 923 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 924 | 924 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 925 | 925 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 926 | 926 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 927 | 927 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 928 | 928 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 929 | 929 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 930 | 930 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 931 | 931 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 932 | 932 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 933 | 933 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 934 | 934 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 935 | 935 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 936 | 936 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 937 | 937 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 938 | 938 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 939 | 939 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 940 | 940 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 941 | 941 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 942 | 942 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 943 | 943 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 944 | 944 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 945 | 945 | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 946 | 946 | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 947 | 947 | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 948 | 948 | 10.20  | 0.00 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 19 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |      |      |        |      |      |      |
|----------------|------|------|--------|------|------|------|
| EQx USER COEFF | 949  | 949  | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 950  | 950  | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 951  | 951  | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 952  | 952  | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 953  | 953  | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 954  | 954  | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 955  | 955  | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 956  | 956  | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 957  | 957  | 274.38 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 958  | 958  | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 959  | 959  | 276.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 960  | 960  | 10.20  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 961  | 961  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 962  | 962  | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 963  | 963  | 391.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 964  | 964  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 965  | 965  | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 966  | 966  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 967  | 967  | 364.23 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 968  | 968  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 969  | 969  | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 970  | 970  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 971  | 971  | 391.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 972  | 972  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 973  | 973  | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 974  | 974  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 975  | 975  | 364.23 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 976  | 976  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 977  | 977  | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 978  | 978  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 979  | 979  | 391.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 980  | 980  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 981  | 981  | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 982  | 982  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 983  | 983  | 364.23 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 984  | 984  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 985  | 985  | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 986  | 986  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 987  | 987  | 390.99 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 988  | 988  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 989  | 989  | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 990  | 990  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 991  | 991  | 338.96 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 992  | 992  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 993  | 993  | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 994  | 994  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 995  | 995  | 390.99 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 996  | 996  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 997  | 997  | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 998  | 998  | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 999  | 999  | 364.23 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1000 | 1000 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1001 | 1001 | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1002 | 1002 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1003 | 1003 | 390.99 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1004 | 1004 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1005 | 1005 | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1006 | 1006 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1007 | 1007 | 364.23 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1008 | 1008 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1009 | 1009 | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1010 | 1010 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1011 | 1011 | 391.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1012 | 1012 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1013 | 1013 | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1014 | 1014 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1015 | 1015 | 364.23 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1016 | 1016 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1017 | 1017 | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1018 | 1018 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1019 | 1019 | 390.99 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1020 | 1020 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1021 | 1021 | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1022 | 1022 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1023 | 1023 | 364.23 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1024 | 1024 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1025 | 1025 | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1026 | 1026 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1027 | 1027 | 390.99 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1028 | 1028 | 50.60  | 0.00 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 20 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |      |      |        |      |      |      |
|----------------|------|------|--------|------|------|------|
| EQx USER COEFF | 1029 | 1029 | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1030 | 1030 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1031 | 1031 | 364.23 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1032 | 1032 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1033 | 1033 | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1034 | 1034 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1035 | 1035 | 391.00 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1036 | 1036 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1037 | 1037 | 164.59 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1038 | 1038 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1039 | 1039 | 364.23 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1040 | 1040 | 50.60  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1041 | 1041 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1042 | 1042 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1043 | 1043 | 335.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1044 | 1044 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1045 | 1045 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1046 | 1046 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1047 | 1047 | 339.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1048 | 1048 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1049 | 1049 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1050 | 1050 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1051 | 1051 | 335.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1052 | 1052 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1053 | 1053 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1054 | 1054 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1055 | 1055 | 339.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1056 | 1056 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1057 | 1057 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1058 | 1058 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1059 | 1059 | 335.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1060 | 1060 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1061 | 1061 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1062 | 1062 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1063 | 1063 | 339.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1064 | 1064 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1065 | 1065 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1066 | 1066 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1067 | 1067 | 335.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1068 | 1068 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1069 | 1069 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1070 | 1070 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1071 | 1071 | 339.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1072 | 1072 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1073 | 1073 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1074 | 1074 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1075 | 1075 | 335.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1076 | 1076 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1077 | 1077 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1078 | 1078 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1079 | 1079 | 339.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1080 | 1080 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1081 | 1081 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1082 | 1082 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1083 | 1083 | 335.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1084 | 1084 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1085 | 1085 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1086 | 1086 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1087 | 1087 | 339.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1088 | 1088 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1089 | 1089 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1090 | 1090 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1091 | 1091 | 335.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1092 | 1092 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1093 | 1093 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1094 | 1094 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1095 | 1095 | 339.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1096 | 1096 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1097 | 1097 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1098 | 1098 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1099 | 1099 | 335.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1100 | 1100 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1101 | 1101 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1102 | 1102 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1103 | 1103 | 339.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1104 | 1104 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1105 | 1105 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1106 | 1106 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1107 | 1107 | 335.04 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1108 | 1108 | 4.84   | 0.00 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 21 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |      |      |        |      |      |      |
|----------------|------|------|--------|------|------|------|
| EQx USER COEFF | 1109 | 1109 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1110 | 1110 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1111 | 1111 | 339.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1112 | 1112 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1113 | 1113 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1114 | 1114 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1115 | 1115 | 335.03 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1116 | 1116 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1117 | 1117 | 4.40   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1118 | 1118 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1119 | 1119 | 339.02 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1120 | 1120 | 4.84   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1121 | 1121 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1122 | 1122 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1123 | 1123 | 251.13 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1124 | 1124 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1125 | 1125 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1126 | 1126 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1127 | 1127 | 254.30 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1128 | 1128 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1129 | 1129 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1130 | 1130 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1131 | 1131 | 251.13 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1132 | 1132 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1133 | 1133 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1134 | 1134 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1135 | 1135 | 254.30 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1136 | 1136 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1137 | 1137 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1138 | 1138 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1139 | 1139 | 251.13 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1140 | 1140 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1141 | 1141 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1142 | 1142 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1143 | 1143 | 254.30 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1144 | 1144 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1145 | 1145 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1146 | 1146 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1147 | 1147 | 251.13 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1148 | 1148 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1149 | 1149 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1150 | 1150 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1151 | 1151 | 254.30 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1152 | 1152 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1153 | 1153 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1154 | 1154 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1155 | 1155 | 251.13 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1156 | 1156 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1157 | 1157 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1158 | 1158 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1159 | 1159 | 254.30 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1160 | 1160 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1161 | 1161 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1162 | 1162 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1163 | 1163 | 251.13 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1164 | 1164 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1165 | 1165 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1166 | 1166 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1167 | 1167 | 254.30 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1168 | 1168 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1169 | 1169 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1170 | 1170 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1171 | 1171 | 251.13 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1172 | 1172 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1173 | 1173 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1174 | 1174 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1175 | 1175 | 254.61 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1176 | 1176 | 3.60   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1177 | 1177 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1178 | 1178 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1179 | 1179 | 251.13 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1180 | 1180 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1181 | 1181 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1182 | 1182 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1183 | 1183 | 254.30 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1184 | 1184 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1185 | 1185 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1186 | 1186 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1187 | 1187 | 251.13 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1188 | 1188 | 3.24   | 0.00 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |      |      |        |      |      |      |
|----------------|------|------|--------|------|------|------|
| EQx USER COEFF | 1189 | 1189 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1190 | 1190 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1191 | 1191 | 254.30 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1192 | 1192 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1193 | 1193 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1194 | 1194 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1195 | 1195 | 251.13 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1196 | 1196 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1197 | 1197 | 3.00   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1198 | 1198 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1199 | 1199 | 254.30 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1200 | 1200 | 3.24   | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1201 | 1201 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1202 | 1202 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1203 | 1203 | 98.19  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1204 | 1204 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1205 | 1205 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1206 | 1206 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1207 | 1207 | 119.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1208 | 1208 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1209 | 1209 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1210 | 1210 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1211 | 1211 | 98.19  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1212 | 1212 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1213 | 1213 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1214 | 1214 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1215 | 1215 | 119.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1216 | 1216 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1217 | 1217 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1218 | 1218 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1219 | 1219 | 98.19  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1220 | 1220 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1221 | 1221 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1222 | 1222 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1223 | 1223 | 119.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1224 | 1224 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1225 | 1225 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1226 | 1226 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1227 | 1227 | 98.19  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1228 | 1228 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1229 | 1229 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1230 | 1230 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1231 | 1231 | 119.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1232 | 1232 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1233 | 1233 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1234 | 1234 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1235 | 1235 | 98.19  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1236 | 1236 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1237 | 1237 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1238 | 1238 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1239 | 1239 | 119.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1240 | 1240 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1241 | 1241 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1242 | 1242 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1243 | 1243 | 98.19  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1244 | 1244 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1245 | 1245 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1246 | 1246 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1247 | 1247 | 119.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1248 | 1248 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1249 | 1249 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1250 | 1250 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1251 | 1251 | 98.19  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1252 | 1252 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1253 | 1253 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1254 | 1254 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1255 | 1255 | 119.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1256 | 1256 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1257 | 1257 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1258 | 1258 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1259 | 1259 | 98.19  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1260 | 1260 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1261 | 1261 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1262 | 1262 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1263 | 1263 | 119.37 | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1264 | 1264 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1265 | 1265 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1266 | 1266 | 13.48  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1267 | 1267 | 98.19  | 0.00 | 0.00 | 0.00 |
| EQx USER COEFF | 1268 | 1268 | 13.48  | 0.00 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Project No.      Rev.

PJ.073              0

Date: 17.05.2005

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

Sheet 23 of 70

|                |      |      |        |       |      |      |
|----------------|------|------|--------|-------|------|------|
| EQx USER COEFF | 1269 | 1269 | 13.48  | 0.00  | 0.00 | 0.00 |
| EQx USER COEFF | 1270 | 1270 | 13.48  | 0.00  | 0.00 | 0.00 |
| EQx USER COEFF | 1271 | 1271 | 119.37 | 0.00  | 0.00 | 0.00 |
| EQx USER COEFF | 1272 | 1272 | 13.48  | 0.00  | 0.00 | 0.00 |
| EQx USER COEFF | 1273 | 1273 | 13.48  | 0.00  | 0.00 | 0.00 |
| EQx USER COEFF | 1274 | 1274 | 13.48  | 0.00  | 0.00 | 0.00 |
| EQx USER COEFF | 1275 | 1275 | 98.19  | 0.00  | 0.00 | 0.00 |
| EQx USER COEFF | 1276 | 1276 | 13.48  | 0.00  | 0.00 | 0.00 |
| EQx USER COEFF | 1277 | 1277 | 13.48  | 0.00  | 0.00 | 0.00 |
| EQx USER COEFF | 1278 | 1278 | 13.48  | 0.00  | 0.00 | 0.00 |
| EQx USER COEFF | 1279 | 1279 | 119.37 | 0.00  | 0.00 | 0.00 |
| EQx USER COEFF | 1280 | 1280 | 13.48  | 0.00  | 0.00 | 0.00 |
| EQy USER COEFF | 3    | 3    | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 4    | 4    | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 6    | 6    | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 8    | 8    | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 10   | 10   | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 12   | 12   | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 14   | 14   | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 16   | 16   | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 18   | 18   | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 20   | 20   | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 22   | 22   | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 24   | 24   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 26   | 26   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 28   | 28   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 30   | 30   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 32   | 32   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 34   | 34   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 36   | 36   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 38   | 38   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 40   | 40   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 42   | 42   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 44   | 44   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 46   | 46   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 48   | 48   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 50   | 50   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 52   | 52   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 54   | 54   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 56   | 56   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 58   | 58   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 60   | 60   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 62   | 62   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 64   | 64   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 66   | 66   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 68   | 68   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 70   | 70   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 72   | 72   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 74   | 74   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 76   | 76   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 78   | 78   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 80   | 80   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 82   | 82   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 84   | 84   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 86   | 86   | 0.00   | 48.56 | 0.00 | 0.00 |
| EQy USER COEFF | 88   | 88   | 0.00   | 48.45 | 0.00 | 0.00 |
| EQy USER COEFF | 90   | 90   | 0.00   | 48.56 | 0.00 | 0.00 |
| EQy USER COEFF | 92   | 92   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 94   | 94   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 96   | 96   | 0.00   | 48.86 | 0.00 | 0.00 |
| EQy USER COEFF | 98   | 98   | 0.00   | 48.96 | 0.00 | 0.00 |
| EQy USER COEFF | 100  | 100  | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 102  | 102  | 0.00   | 48.56 | 0.00 | 0.00 |
| EQy USER COEFF | 104  | 104  | 0.00   | 48.45 | 0.00 | 0.00 |
| EQy USER COEFF | 106  | 106  | 0.00   | 48.56 | 0.00 | 0.00 |
| EQy USER COEFF | 108  | 108  | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 110  | 110  | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 112  | 112  | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 114  | 114  | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 116  | 116  | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 118  | 118  | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 120  | 120  | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 122  | 122  | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 124  | 124  | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 126  | 126  | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 128  | 128  | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 130  | 130  | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 132  | 132  | 0.00   | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 134  | 134  | 0.00   | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 136  | 136  | 0.00   | 48.47 | 0.00 | 0.00 |

**Roof Calculation Book**  
 for  
**CONDENSATE STORAGE TANK**

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 24 of 70   |      |

Document No.:  
 SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |      |       |      |      |
|----------------|-----|-----|------|-------|------|------|
| EQy USER COEFF | 138 | 138 | 0.00 | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 140 | 140 | 0.00 | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 142 | 142 | 0.00 | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 144 | 144 | 0.00 | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 146 | 146 | 0.00 | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 148 | 148 | 0.00 | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 150 | 150 | 0.00 | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 152 | 152 | 0.00 | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 154 | 154 | 0.00 | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 156 | 156 | 0.00 | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 158 | 158 | 0.00 | 48.57 | 0.00 | 0.00 |
| EQy USER COEFF | 160 | 160 | 0.00 | 48.47 | 0.00 | 0.00 |
| EQy USER COEFF | 161 | 161 | 0.00 | 89.65 | 0.00 | 0.00 |
| EQy USER COEFF | 162 | 162 | 0.00 | 89.85 | 0.00 | 0.00 |
| EQy USER COEFF | 163 | 163 | 0.00 | 89.85 | 0.00 | 0.00 |
| EQy USER COEFF | 164 | 164 | 0.00 | 89.65 | 0.00 | 0.00 |
| EQy USER COEFF | 165 | 165 | 0.00 | 89.85 | 0.00 | 0.00 |
| EQy USER COEFF | 166 | 166 | 0.00 | 89.65 | 0.00 | 0.00 |
| EQy USER COEFF | 167 | 167 | 0.00 | 89.85 | 0.00 | 0.00 |
| EQy USER COEFF | 168 | 168 | 0.00 | 88.06 | 0.00 | 0.00 |
| EQy USER COEFF | 169 | 169 | 0.00 | 89.85 | 0.00 | 0.00 |
| EQy USER COEFF | 170 | 170 | 0.00 | 89.65 | 0.00 | 0.00 |
| EQy USER COEFF | 171 | 171 | 0.00 | 89.85 | 0.00 | 0.00 |
| EQy USER COEFF | 172 | 172 | 0.00 | 88.89 | 0.00 | 0.00 |
| EQy USER COEFF | 173 | 173 | 0.00 | 89.09 | 0.00 | 0.00 |
| EQy USER COEFF | 174 | 174 | 0.00 | 88.89 | 0.00 | 0.00 |
| EQy USER COEFF | 175 | 175 | 0.00 | 89.09 | 0.00 | 0.00 |
| EQy USER COEFF | 176 | 176 | 0.00 | 88.89 | 0.00 | 0.00 |
| EQy USER COEFF | 177 | 177 | 0.00 | 89.09 | 0.00 | 0.00 |
| EQy USER COEFF | 178 | 178 | 0.00 | 89.69 | 0.00 | 0.00 |
| EQy USER COEFF | 179 | 179 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 180 | 180 | 0.00 | 88.89 | 0.00 | 0.00 |
| EQy USER COEFF | 181 | 181 | 0.00 | 89.09 | 0.00 | 0.00 |
| EQy USER COEFF | 182 | 182 | 0.00 | 88.89 | 0.00 | 0.00 |
| EQy USER COEFF | 183 | 183 | 0.00 | 89.09 | 0.00 | 0.00 |
| EQy USER COEFF | 184 | 184 | 0.00 | 88.89 | 0.00 | 0.00 |
| EQy USER COEFF | 185 | 185 | 0.00 | 89.09 | 0.00 | 0.00 |
| EQy USER COEFF | 186 | 186 | 0.00 | 88.89 | 0.00 | 0.00 |
| EQy USER COEFF | 187 | 187 | 0.00 | 89.09 | 0.00 | 0.00 |
| EQy USER COEFF | 188 | 188 | 0.00 | 88.89 | 0.00 | 0.00 |
| EQy USER COEFF | 189 | 189 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 190 | 190 | 0.00 | 89.69 | 0.00 | 0.00 |
| EQy USER COEFF | 191 | 191 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 192 | 192 | 0.00 | 89.69 | 0.00 | 0.00 |
| EQy USER COEFF | 193 | 193 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 194 | 194 | 0.00 | 89.69 | 0.00 | 0.00 |
| EQy USER COEFF | 195 | 195 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 196 | 196 | 0.00 | 89.69 | 0.00 | 0.00 |
| EQy USER COEFF | 197 | 197 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 198 | 198 | 0.00 | 89.69 | 0.00 | 0.00 |
| EQy USER COEFF | 199 | 199 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 200 | 200 | 0.00 | 89.69 | 0.00 | 0.00 |
| EQy USER COEFF | 201 | 201 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 202 | 202 | 0.00 | 89.69 | 0.00 | 0.00 |
| EQy USER COEFF | 203 | 203 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 204 | 204 | 0.00 | 89.69 | 0.00 | 0.00 |
| EQy USER COEFF | 205 | 205 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 206 | 206 | 0.00 | 89.69 | 0.00 | 0.00 |
| EQy USER COEFF | 207 | 207 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 208 | 208 | 0.00 | 89.69 | 0.00 | 0.00 |
| EQy USER COEFF | 209 | 209 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 210 | 210 | 0.00 | 90.45 | 0.00 | 0.00 |
| EQy USER COEFF | 211 | 211 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 212 | 212 | 0.00 | 89.69 | 0.00 | 0.00 |
| EQy USER COEFF | 213 | 213 | 0.00 | 89.90 | 0.00 | 0.00 |
| EQy USER COEFF | 214 | 214 | 0.00 | 90.45 | 0.00 | 0.00 |
| EQy USER COEFF | 215 | 215 | 0.00 | 90.66 | 0.00 | 0.00 |
| EQy USER COEFF | 216 | 216 | 0.00 | 90.45 | 0.00 | 0.00 |
| EQy USER COEFF | 217 | 217 | 0.00 | 90.66 | 0.00 | 0.00 |
| EQy USER COEFF | 218 | 218 | 0.00 | 90.45 | 0.00 | 0.00 |
| EQy USER COEFF | 219 | 219 | 0.00 | 90.66 | 0.00 | 0.00 |
| EQy USER COEFF | 220 | 220 | 0.00 | 90.45 | 0.00 | 0.00 |
| EQy USER COEFF | 221 | 221 | 0.00 | 90.66 | 0.00 | 0.00 |
| EQy USER COEFF | 222 | 222 | 0.00 | 90.45 | 0.00 | 0.00 |
| EQy USER COEFF | 223 | 223 | 0.00 | 90.66 | 0.00 | 0.00 |
| EQy USER COEFF | 224 | 224 | 0.00 | 90.45 | 0.00 | 0.00 |
| EQy USER COEFF | 225 | 225 | 0.00 | 90.66 | 0.00 | 0.00 |
| EQy USER COEFF | 226 | 226 | 0.00 | 90.45 | 0.00 | 0.00 |
| EQy USER COEFF | 227 | 227 | 0.00 | 90.66 | 0.00 | 0.00 |
| EQy USER COEFF | 228 | 228 | 0.00 | 90.45 | 0.00 | 0.00 |



## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 25 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |      |        |      |      |
|----------------|-----|-----|------|--------|------|------|
| EQy USER COEFF | 229 | 229 | 0.00 | 90.66  | 0.00 | 0.00 |
| EQy USER COEFF | 230 | 230 | 0.00 | 90.45  | 0.00 | 0.00 |
| EQy USER COEFF | 231 | 231 | 0.00 | 90.66  | 0.00 | 0.00 |
| EQy USER COEFF | 232 | 232 | 0.00 | 90.45  | 0.00 | 0.00 |
| EQy USER COEFF | 233 | 233 | 0.00 | 89.85  | 0.00 | 0.00 |
| EQy USER COEFF | 234 | 234 | 0.00 | 89.65  | 0.00 | 0.00 |
| EQy USER COEFF | 235 | 235 | 0.00 | 89.85  | 0.00 | 0.00 |
| EQy USER COEFF | 236 | 236 | 0.00 | 89.65  | 0.00 | 0.00 |
| EQy USER COEFF | 237 | 237 | 0.00 | 89.85  | 0.00 | 0.00 |
| EQy USER COEFF | 238 | 238 | 0.00 | 89.65  | 0.00 | 0.00 |
| EQy USER COEFF | 239 | 239 | 0.00 | 89.85  | 0.00 | 0.00 |
| EQy USER COEFF | 240 | 240 | 0.00 | 89.65  | 0.00 | 0.00 |
| EQy USER COEFF | 241 | 241 | 0.00 | 123.67 | 0.00 | 0.00 |
| EQy USER COEFF | 242 | 242 | 0.00 | 123.97 | 0.00 | 0.00 |
| EQy USER COEFF | 243 | 243 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 244 | 244 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 245 | 245 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 246 | 246 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 247 | 247 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 248 | 248 | 0.00 | 122.58 | 0.00 | 0.00 |
| EQy USER COEFF | 249 | 249 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 250 | 250 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 251 | 251 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 252 | 252 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 253 | 253 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 254 | 254 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 255 | 255 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 256 | 256 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 257 | 257 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 258 | 258 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 259 | 259 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 260 | 260 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 261 | 261 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 262 | 262 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 263 | 263 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 264 | 264 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 265 | 265 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 266 | 266 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 267 | 267 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 268 | 268 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 269 | 269 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 270 | 270 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 271 | 271 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 272 | 272 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 273 | 273 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 274 | 274 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 275 | 275 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 276 | 276 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 277 | 277 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 278 | 278 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 279 | 279 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 280 | 280 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 281 | 281 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 282 | 282 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 283 | 283 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 284 | 284 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 285 | 285 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 286 | 286 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 287 | 287 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 288 | 288 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 289 | 289 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 290 | 290 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 291 | 291 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 292 | 292 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 293 | 293 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 294 | 294 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 295 | 295 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 296 | 296 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 297 | 297 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 298 | 298 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 299 | 299 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 300 | 300 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 301 | 301 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 302 | 302 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 303 | 303 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 304 | 304 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 305 | 305 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 306 | 306 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 307 | 307 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 308 | 308 | 0.00 | 123.70 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Project No.      Rev.

PJ.073              0

Date: 17.05.2005

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

Sheet 26 of 70

|                |     |     |      |        |      |      |
|----------------|-----|-----|------|--------|------|------|
| EQy USER COEFF | 309 | 309 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 310 | 310 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 311 | 311 | 0.00 | 124.00 | 0.00 | 0.00 |
| EQy USER COEFF | 312 | 312 | 0.00 | 123.70 | 0.00 | 0.00 |
| EQy USER COEFF | 313 | 313 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 314 | 314 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 315 | 315 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 316 | 316 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 317 | 317 | 0.00 | 125.18 | 0.00 | 0.00 |
| EQy USER COEFF | 318 | 318 | 0.00 | 124.88 | 0.00 | 0.00 |
| EQy USER COEFF | 319 | 319 | 0.00 | 123.97 | 0.00 | 0.00 |
| EQy USER COEFF | 320 | 320 | 0.00 | 123.67 | 0.00 | 0.00 |
| EQy USER COEFF | 321 | 321 | 0.00 | 150.65 | 0.00 | 0.00 |
| EQy USER COEFF | 322 | 322 | 0.00 | 151.04 | 0.00 | 0.00 |
| EQy USER COEFF | 323 | 323 | 0.00 | 149.48 | 0.00 | 0.00 |
| EQy USER COEFF | 324 | 324 | 0.00 | 149.10 | 0.00 | 0.00 |
| EQy USER COEFF | 325 | 325 | 0.00 | 149.48 | 0.00 | 0.00 |
| EQy USER COEFF | 326 | 326 | 0.00 | 149.10 | 0.00 | 0.00 |
| EQy USER COEFF | 327 | 327 | 0.00 | 149.48 | 0.00 | 0.00 |
| EQy USER COEFF | 328 | 328 | 0.00 | 135.51 | 0.00 | 0.00 |
| EQy USER COEFF | 329 | 329 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 330 | 330 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 331 | 331 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 332 | 332 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 333 | 333 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 334 | 334 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 335 | 335 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 336 | 336 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 337 | 337 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 338 | 338 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 339 | 339 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 340 | 340 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 341 | 341 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 342 | 342 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 343 | 343 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 344 | 344 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 345 | 345 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 346 | 346 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 347 | 347 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 348 | 348 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 349 | 349 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 350 | 350 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 351 | 351 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 352 | 352 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 353 | 353 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 354 | 354 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 355 | 355 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 356 | 356 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 357 | 357 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 358 | 358 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 359 | 359 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 360 | 360 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 361 | 361 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 362 | 362 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 363 | 363 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 364 | 364 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 365 | 365 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 366 | 366 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 367 | 367 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 368 | 368 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 369 | 369 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 370 | 370 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 371 | 371 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 372 | 372 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 373 | 373 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 374 | 374 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 375 | 375 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 376 | 376 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 377 | 377 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 378 | 378 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 379 | 379 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 380 | 380 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 381 | 381 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 382 | 382 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 383 | 383 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 384 | 384 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 385 | 385 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 386 | 386 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 387 | 387 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 388 | 388 | 0.00 | 150.64 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 27 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |      |        |      |      |
|----------------|-----|-----|------|--------|------|------|
| EQy USER COEFF | 389 | 389 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 390 | 390 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 391 | 391 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 392 | 392 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 393 | 393 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 394 | 394 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 395 | 395 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 396 | 396 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 397 | 397 | 0.00 | 151.02 | 0.00 | 0.00 |
| EQy USER COEFF | 398 | 398 | 0.00 | 150.64 | 0.00 | 0.00 |
| EQy USER COEFF | 399 | 399 | 0.00 | 152.58 | 0.00 | 0.00 |
| EQy USER COEFF | 400 | 400 | 0.00 | 152.20 | 0.00 | 0.00 |
| EQy USER COEFF | 401 | 401 | 0.00 | 175.79 | 0.00 | 0.00 |
| EQy USER COEFF | 402 | 402 | 0.00 | 173.34 | 0.00 | 0.00 |
| EQy USER COEFF | 403 | 403 | 0.00 | 173.34 | 0.00 | 0.00 |
| EQy USER COEFF | 404 | 404 | 0.00 | 175.79 | 0.00 | 0.00 |
| EQy USER COEFF | 405 | 405 | 0.00 | 173.34 | 0.00 | 0.00 |
| EQy USER COEFF | 406 | 406 | 0.00 | 175.79 | 0.00 | 0.00 |
| EQy USER COEFF | 407 | 407 | 0.00 | 173.34 | 0.00 | 0.00 |
| EQy USER COEFF | 408 | 408 | 0.00 | 156.16 | 0.00 | 0.00 |
| EQy USER COEFF | 409 | 409 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 410 | 410 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 411 | 411 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 412 | 412 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 413 | 413 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 414 | 414 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 415 | 415 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 416 | 416 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 417 | 417 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 418 | 418 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 419 | 419 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 420 | 420 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 421 | 421 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 422 | 422 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 423 | 423 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 424 | 424 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 425 | 425 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 426 | 426 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 427 | 427 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 428 | 428 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 429 | 429 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 430 | 430 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 431 | 431 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 432 | 432 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 433 | 433 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 434 | 434 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 435 | 435 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 436 | 436 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 437 | 437 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 438 | 438 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 439 | 439 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 440 | 440 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 441 | 441 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 442 | 442 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 443 | 443 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 444 | 444 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 445 | 445 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 446 | 446 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 447 | 447 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 448 | 448 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 449 | 449 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 450 | 450 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 451 | 451 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 452 | 452 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 453 | 453 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 454 | 454 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 455 | 455 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 456 | 456 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 457 | 457 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 458 | 458 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 459 | 459 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 460 | 460 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 461 | 461 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 462 | 462 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 463 | 463 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 464 | 464 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 465 | 465 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 466 | 466 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 467 | 467 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 468 | 468 | 0.00 | 173.93 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 28 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |      |        |      |      |
|----------------|-----|-----|------|--------|------|------|
| EQy USER COEFF | 469 | 469 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 470 | 470 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 471 | 471 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 472 | 472 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 473 | 473 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 474 | 474 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 475 | 475 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 476 | 476 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 477 | 477 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 478 | 478 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 479 | 479 | 0.00 | 171.48 | 0.00 | 0.00 |
| EQy USER COEFF | 480 | 480 | 0.00 | 173.93 | 0.00 | 0.00 |
| EQy USER COEFF | 481 | 481 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 482 | 482 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 483 | 483 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 484 | 484 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 485 | 485 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 486 | 486 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 487 | 487 | 0.00 | 313.48 | 0.00 | 0.00 |
| EQy USER COEFF | 488 | 488 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 489 | 489 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 490 | 490 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 491 | 491 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 492 | 492 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 493 | 493 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 494 | 494 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 495 | 495 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 496 | 496 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 497 | 497 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 498 | 498 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 499 | 499 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 500 | 500 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 501 | 501 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 502 | 502 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 503 | 503 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 504 | 504 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 505 | 505 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 506 | 506 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 507 | 507 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 508 | 508 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 509 | 509 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 510 | 510 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 511 | 511 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 512 | 512 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 513 | 513 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 514 | 514 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 515 | 515 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 516 | 516 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 517 | 517 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 518 | 518 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 519 | 519 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 520 | 520 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 521 | 521 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 522 | 522 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 523 | 523 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 524 | 524 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 525 | 525 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 526 | 526 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 527 | 527 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 528 | 528 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 529 | 529 | 0.00 | 338.65 | 0.00 | 0.00 |
| EQy USER COEFF | 530 | 530 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 531 | 531 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 532 | 532 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 533 | 533 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 534 | 534 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 535 | 535 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 536 | 536 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 537 | 537 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 538 | 538 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 539 | 539 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 540 | 540 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 541 | 541 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 542 | 542 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 543 | 543 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 544 | 544 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 545 | 545 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 546 | 546 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 547 | 547 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 548 | 548 | 0.00 | 164.68 | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 29 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |      |        |      |      |
|----------------|-----|-----|------|--------|------|------|
| EQy USER COEFF | 549 | 549 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 550 | 550 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 551 | 551 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 552 | 552 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 553 | 553 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 554 | 554 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 555 | 555 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 556 | 556 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 557 | 557 | 0.00 | 343.20 | 0.00 | 0.00 |
| EQy USER COEFF | 558 | 558 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 559 | 559 | 0.00 | 318.04 | 0.00 | 0.00 |
| EQy USER COEFF | 560 | 560 | 0.00 | 164.68 | 0.00 | 0.00 |
| EQy USER COEFF | 561 | 561 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 562 | 562 | 0.00 | 328.95 | 0.00 | 0.00 |
| EQy USER COEFF | 563 | 563 | 0.00 | 330.85 | 0.00 | 0.00 |
| EQy USER COEFF | 564 | 564 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 565 | 565 | 0.00 | 328.95 | 0.00 | 0.00 |
| EQy USER COEFF | 566 | 566 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 567 | 567 | 0.00 | 335.97 | 0.00 | 0.00 |
| EQy USER COEFF | 568 | 568 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 569 | 569 | 0.00 | 328.95 | 0.00 | 0.00 |
| EQy USER COEFF | 570 | 570 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 571 | 571 | 0.00 | 330.85 | 0.00 | 0.00 |
| EQy USER COEFF | 572 | 572 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 573 | 573 | 0.00 | 328.95 | 0.00 | 0.00 |
| EQy USER COEFF | 574 | 574 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 575 | 575 | 0.00 | 330.85 | 0.00 | 0.00 |
| EQy USER COEFF | 576 | 576 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 577 | 577 | 0.00 | 328.95 | 0.00 | 0.00 |
| EQy USER COEFF | 578 | 578 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 579 | 579 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 580 | 580 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 581 | 581 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 582 | 582 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 583 | 583 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 584 | 584 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 585 | 585 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 586 | 586 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 587 | 587 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 588 | 588 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 589 | 589 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 590 | 590 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 591 | 591 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 592 | 592 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 593 | 593 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 594 | 594 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 595 | 595 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 596 | 596 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 597 | 597 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 598 | 598 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 599 | 599 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 600 | 600 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 601 | 601 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 602 | 602 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 603 | 603 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 604 | 604 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 605 | 605 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 606 | 606 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 607 | 607 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 608 | 608 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 609 | 609 | 0.00 | 339.50 | 0.00 | 0.00 |
| EQy USER COEFF | 610 | 610 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 611 | 611 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 612 | 612 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 613 | 613 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 614 | 614 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 615 | 615 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 616 | 616 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 617 | 617 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 618 | 618 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 619 | 619 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 620 | 620 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 621 | 621 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 622 | 622 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 623 | 623 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 624 | 624 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 625 | 625 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 626 | 626 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 627 | 627 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 628 | 628 | 0.00 | 13.76  | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 30 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |      |        |      |      |
|----------------|-----|-----|------|--------|------|------|
| EQy USER COEFF | 629 | 629 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 630 | 630 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 631 | 631 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 632 | 632 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 633 | 633 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 634 | 634 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 635 | 635 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 636 | 636 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 637 | 637 | 0.00 | 334.38 | 0.00 | 0.00 |
| EQy USER COEFF | 638 | 638 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 639 | 639 | 0.00 | 336.27 | 0.00 | 0.00 |
| EQy USER COEFF | 640 | 640 | 0.00 | 13.76  | 0.00 | 0.00 |
| EQy USER COEFF | 641 | 641 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 642 | 642 | 0.00 | 334.80 | 0.00 | 0.00 |
| EQy USER COEFF | 643 | 643 | 0.00 | 341.80 | 0.00 | 0.00 |
| EQy USER COEFF | 644 | 644 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 645 | 645 | 0.00 | 334.80 | 0.00 | 0.00 |
| EQy USER COEFF | 646 | 646 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 647 | 647 | 0.00 | 341.80 | 0.00 | 0.00 |
| EQy USER COEFF | 648 | 648 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 649 | 649 | 0.00 | 334.80 | 0.00 | 0.00 |
| EQy USER COEFF | 650 | 650 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 651 | 651 | 0.00 | 341.80 | 0.00 | 0.00 |
| EQy USER COEFF | 652 | 652 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 653 | 653 | 0.00 | 334.80 | 0.00 | 0.00 |
| EQy USER COEFF | 654 | 654 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 655 | 655 | 0.00 | 341.80 | 0.00 | 0.00 |
| EQy USER COEFF | 656 | 656 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 657 | 657 | 0.00 | 334.80 | 0.00 | 0.00 |
| EQy USER COEFF | 658 | 658 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 659 | 659 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 660 | 660 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 661 | 661 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 662 | 662 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 663 | 663 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 664 | 664 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 665 | 665 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 666 | 666 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 667 | 667 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 668 | 668 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 669 | 669 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 670 | 670 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 671 | 671 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 672 | 672 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 673 | 673 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 674 | 674 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 675 | 675 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 676 | 676 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 677 | 677 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 678 | 678 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 679 | 679 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 680 | 680 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 681 | 681 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 682 | 682 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 683 | 683 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 684 | 684 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 685 | 685 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 686 | 686 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 687 | 687 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 688 | 688 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 689 | 689 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 690 | 690 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 691 | 691 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 692 | 692 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 693 | 693 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 694 | 694 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 695 | 695 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 696 | 696 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 697 | 697 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 698 | 698 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 699 | 699 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 700 | 700 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 701 | 701 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 702 | 702 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 703 | 703 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 704 | 704 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 705 | 705 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 706 | 706 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 707 | 707 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 708 | 708 | 0.00 | 13.50  | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 31 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |      |        |      |      |
|----------------|-----|-----|------|--------|------|------|
| EQy USER COEFF | 709 | 709 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 710 | 710 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 711 | 711 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 712 | 712 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 713 | 713 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 714 | 714 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 715 | 715 | 0.00 | 335.84 | 0.00 | 0.00 |
| EQy USER COEFF | 716 | 716 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 717 | 717 | 0.00 | 328.83 | 0.00 | 0.00 |
| EQy USER COEFF | 718 | 718 | 0.00 | 12.20  | 0.00 | 0.00 |
| EQy USER COEFF | 719 | 719 | 0.00 | 337.13 | 0.00 | 0.00 |
| EQy USER COEFF | 720 | 720 | 0.00 | 13.50  | 0.00 | 0.00 |
| EQy USER COEFF | 721 | 721 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 722 | 722 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 723 | 723 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 724 | 724 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 725 | 725 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 726 | 726 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 727 | 727 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 728 | 728 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 729 | 729 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 730 | 730 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 731 | 731 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 732 | 732 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 733 | 733 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 734 | 734 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 735 | 735 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 736 | 736 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 737 | 737 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 738 | 738 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 739 | 739 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 740 | 740 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 741 | 741 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 742 | 742 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 743 | 743 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 744 | 744 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 745 | 745 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 746 | 746 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 747 | 747 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 748 | 748 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 749 | 749 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 750 | 750 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 751 | 751 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 752 | 752 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 753 | 753 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 754 | 754 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 755 | 755 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 756 | 756 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 757 | 757 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 758 | 758 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 759 | 759 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 760 | 760 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 761 | 761 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 762 | 762 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 763 | 763 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 764 | 764 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 765 | 765 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 766 | 766 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 767 | 767 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 768 | 768 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 769 | 769 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 770 | 770 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 771 | 771 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 772 | 772 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 773 | 773 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 774 | 774 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 775 | 775 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 776 | 776 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 777 | 777 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 778 | 778 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 779 | 779 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 780 | 780 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 781 | 781 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 782 | 782 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 783 | 783 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 784 | 784 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 785 | 785 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 786 | 786 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 787 | 787 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 788 | 788 | 0.00 | 12.79  | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 32 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |      |        |      |      |
|----------------|-----|-----|------|--------|------|------|
| EQy USER COEFF | 789 | 789 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 790 | 790 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 791 | 791 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 792 | 792 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 793 | 793 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 794 | 794 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 795 | 795 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 796 | 796 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 797 | 797 | 0.00 | 318.89 | 0.00 | 0.00 |
| EQy USER COEFF | 798 | 798 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 799 | 799 | 0.00 | 320.61 | 0.00 | 0.00 |
| EQy USER COEFF | 800 | 800 | 0.00 | 12.79  | 0.00 | 0.00 |
| EQy USER COEFF | 801 | 801 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 802 | 802 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 803 | 803 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 804 | 804 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 805 | 805 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 806 | 806 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 807 | 807 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 808 | 808 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 809 | 809 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 810 | 810 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 811 | 811 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 812 | 812 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 813 | 813 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 814 | 814 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 815 | 815 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 816 | 816 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 817 | 817 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 818 | 818 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 819 | 819 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 820 | 820 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 821 | 821 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 822 | 822 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 823 | 823 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 824 | 824 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 825 | 825 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 826 | 826 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 827 | 827 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 828 | 828 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 829 | 829 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 830 | 830 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 831 | 831 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 832 | 832 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 833 | 833 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 834 | 834 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 835 | 835 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 836 | 836 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 837 | 837 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 838 | 838 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 839 | 839 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 840 | 840 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 841 | 841 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 842 | 842 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 843 | 843 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 844 | 844 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 845 | 845 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 846 | 846 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 847 | 847 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 848 | 848 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 849 | 849 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 850 | 850 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 851 | 851 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 852 | 852 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 853 | 853 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 854 | 854 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 855 | 855 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 856 | 856 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 857 | 857 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 858 | 858 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 859 | 859 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 860 | 860 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 861 | 861 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 862 | 862 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 863 | 863 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 864 | 864 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 865 | 865 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 866 | 866 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 867 | 867 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 868 | 868 | 0.00 | 11.68  | 0.00 | 0.00 |



## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 33 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |     |     |      |        |      |      |
|----------------|-----|-----|------|--------|------|------|
| EQy USER COEFF | 869 | 869 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 870 | 870 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 871 | 871 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 872 | 872 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 873 | 873 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 874 | 874 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 875 | 875 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 876 | 876 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 877 | 877 | 0.00 | 300.37 | 0.00 | 0.00 |
| EQy USER COEFF | 878 | 878 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 879 | 879 | 0.00 | 302.09 | 0.00 | 0.00 |
| EQy USER COEFF | 880 | 880 | 0.00 | 11.68  | 0.00 | 0.00 |
| EQy USER COEFF | 881 | 881 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 882 | 882 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 883 | 883 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 884 | 884 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 885 | 885 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 886 | 886 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 887 | 887 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 888 | 888 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 889 | 889 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 890 | 890 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 891 | 891 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 892 | 892 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 893 | 893 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 894 | 894 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 895 | 895 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 896 | 896 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 897 | 897 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 898 | 898 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 899 | 899 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 900 | 900 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 901 | 901 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 902 | 902 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 903 | 903 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 904 | 904 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 905 | 905 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 906 | 906 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 907 | 907 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 908 | 908 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 909 | 909 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 910 | 910 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 911 | 911 | 0.00 | 249.59 | 0.00 | 0.00 |
| EQy USER COEFF | 912 | 912 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 913 | 913 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 914 | 914 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 915 | 915 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 916 | 916 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 917 | 917 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 918 | 918 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 919 | 919 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 920 | 920 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 921 | 921 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 922 | 922 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 923 | 923 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 924 | 924 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 925 | 925 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 926 | 926 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 927 | 927 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 928 | 928 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 929 | 929 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 930 | 930 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 931 | 931 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 932 | 932 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 933 | 933 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 934 | 934 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 935 | 935 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 936 | 936 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 937 | 937 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 938 | 938 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 939 | 939 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 940 | 940 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 941 | 941 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 942 | 942 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 943 | 943 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 944 | 944 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 945 | 945 | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 946 | 946 | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 947 | 947 | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 948 | 948 | 0.00 | 10.20  | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 34 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |      |      |      |        |      |      |
|----------------|------|------|------|--------|------|------|
| EQy USER COEFF | 949  | 949  | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 950  | 950  | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 951  | 951  | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 952  | 952  | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 953  | 953  | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 954  | 954  | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 955  | 955  | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 956  | 956  | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 957  | 957  | 0.00 | 274.38 | 0.00 | 0.00 |
| EQy USER COEFF | 958  | 958  | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 959  | 959  | 0.00 | 276.03 | 0.00 | 0.00 |
| EQy USER COEFF | 960  | 960  | 0.00 | 10.20  | 0.00 | 0.00 |
| EQy USER COEFF | 961  | 961  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 962  | 962  | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 963  | 963  | 0.00 | 391.00 | 0.00 | 0.00 |
| EQy USER COEFF | 964  | 964  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 965  | 965  | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 966  | 966  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 967  | 967  | 0.00 | 364.23 | 0.00 | 0.00 |
| EQy USER COEFF | 968  | 968  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 969  | 969  | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 970  | 970  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 971  | 971  | 0.00 | 391.00 | 0.00 | 0.00 |
| EQy USER COEFF | 972  | 972  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 973  | 973  | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 974  | 974  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 975  | 975  | 0.00 | 364.23 | 0.00 | 0.00 |
| EQy USER COEFF | 976  | 976  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 977  | 977  | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 978  | 978  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 979  | 979  | 0.00 | 391.00 | 0.00 | 0.00 |
| EQy USER COEFF | 980  | 980  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 981  | 981  | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 982  | 982  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 983  | 983  | 0.00 | 364.23 | 0.00 | 0.00 |
| EQy USER COEFF | 984  | 984  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 985  | 985  | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 986  | 986  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 987  | 987  | 0.00 | 390.99 | 0.00 | 0.00 |
| EQy USER COEFF | 988  | 988  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 989  | 989  | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 990  | 990  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 991  | 991  | 0.00 | 338.96 | 0.00 | 0.00 |
| EQy USER COEFF | 992  | 992  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 993  | 993  | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 994  | 994  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 995  | 995  | 0.00 | 390.99 | 0.00 | 0.00 |
| EQy USER COEFF | 996  | 996  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 997  | 997  | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 998  | 998  | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 999  | 999  | 0.00 | 364.23 | 0.00 | 0.00 |
| EQy USER COEFF | 1000 | 1000 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1001 | 1001 | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 1002 | 1002 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1003 | 1003 | 0.00 | 390.99 | 0.00 | 0.00 |
| EQy USER COEFF | 1004 | 1004 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1005 | 1005 | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 1006 | 1006 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1007 | 1007 | 0.00 | 364.23 | 0.00 | 0.00 |
| EQy USER COEFF | 1008 | 1008 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1009 | 1009 | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 1010 | 1010 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1011 | 1011 | 0.00 | 391.00 | 0.00 | 0.00 |
| EQy USER COEFF | 1012 | 1012 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1013 | 1013 | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 1014 | 1014 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1015 | 1015 | 0.00 | 364.23 | 0.00 | 0.00 |
| EQy USER COEFF | 1016 | 1016 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1017 | 1017 | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 1018 | 1018 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1019 | 1019 | 0.00 | 390.99 | 0.00 | 0.00 |
| EQy USER COEFF | 1020 | 1020 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1021 | 1021 | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 1022 | 1022 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1023 | 1023 | 0.00 | 364.23 | 0.00 | 0.00 |
| EQy USER COEFF | 1024 | 1024 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1025 | 1025 | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 1026 | 1026 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1027 | 1027 | 0.00 | 390.99 | 0.00 | 0.00 |
| EQy USER COEFF | 1028 | 1028 | 0.00 | 50.60  | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 35 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |      |      |      |        |      |      |
|----------------|------|------|------|--------|------|------|
| EQy USER COEFF | 1029 | 1029 | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 1030 | 1030 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1031 | 1031 | 0.00 | 364.23 | 0.00 | 0.00 |
| EQy USER COEFF | 1032 | 1032 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1033 | 1033 | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 1034 | 1034 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1035 | 1035 | 0.00 | 391.00 | 0.00 | 0.00 |
| EQy USER COEFF | 1036 | 1036 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1037 | 1037 | 0.00 | 164.59 | 0.00 | 0.00 |
| EQy USER COEFF | 1038 | 1038 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1039 | 1039 | 0.00 | 364.23 | 0.00 | 0.00 |
| EQy USER COEFF | 1040 | 1040 | 0.00 | 50.60  | 0.00 | 0.00 |
| EQy USER COEFF | 1041 | 1041 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1042 | 1042 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1043 | 1043 | 0.00 | 335.03 | 0.00 | 0.00 |
| EQy USER COEFF | 1044 | 1044 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1045 | 1045 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1046 | 1046 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1047 | 1047 | 0.00 | 339.02 | 0.00 | 0.00 |
| EQy USER COEFF | 1048 | 1048 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1049 | 1049 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1050 | 1050 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1051 | 1051 | 0.00 | 335.03 | 0.00 | 0.00 |
| EQy USER COEFF | 1052 | 1052 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1053 | 1053 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1054 | 1054 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1055 | 1055 | 0.00 | 339.02 | 0.00 | 0.00 |
| EQy USER COEFF | 1056 | 1056 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1057 | 1057 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1058 | 1058 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1059 | 1059 | 0.00 | 335.03 | 0.00 | 0.00 |
| EQy USER COEFF | 1060 | 1060 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1061 | 1061 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1062 | 1062 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1063 | 1063 | 0.00 | 339.02 | 0.00 | 0.00 |
| EQy USER COEFF | 1064 | 1064 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1065 | 1065 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1066 | 1066 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1067 | 1067 | 0.00 | 335.04 | 0.00 | 0.00 |
| EQy USER COEFF | 1068 | 1068 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1069 | 1069 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1070 | 1070 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1071 | 1071 | 0.00 | 339.03 | 0.00 | 0.00 |
| EQy USER COEFF | 1072 | 1072 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1073 | 1073 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1074 | 1074 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1075 | 1075 | 0.00 | 335.04 | 0.00 | 0.00 |
| EQy USER COEFF | 1076 | 1076 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1077 | 1077 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1078 | 1078 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1079 | 1079 | 0.00 | 339.03 | 0.00 | 0.00 |
| EQy USER COEFF | 1080 | 1080 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1081 | 1081 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1082 | 1082 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1083 | 1083 | 0.00 | 335.04 | 0.00 | 0.00 |
| EQy USER COEFF | 1084 | 1084 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1085 | 1085 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1086 | 1086 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1087 | 1087 | 0.00 | 339.02 | 0.00 | 0.00 |
| EQy USER COEFF | 1088 | 1088 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1089 | 1089 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1090 | 1090 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1091 | 1091 | 0.00 | 335.03 | 0.00 | 0.00 |
| EQy USER COEFF | 1092 | 1092 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1093 | 1093 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1094 | 1094 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1095 | 1095 | 0.00 | 339.02 | 0.00 | 0.00 |
| EQy USER COEFF | 1096 | 1096 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1097 | 1097 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1098 | 1098 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1099 | 1099 | 0.00 | 335.04 | 0.00 | 0.00 |
| EQy USER COEFF | 1100 | 1100 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1101 | 1101 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1102 | 1102 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1103 | 1103 | 0.00 | 339.03 | 0.00 | 0.00 |
| EQy USER COEFF | 1104 | 1104 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1105 | 1105 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1106 | 1106 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1107 | 1107 | 0.00 | 335.04 | 0.00 | 0.00 |
| EQy USER COEFF | 1108 | 1108 | 0.00 | 4.84   | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 36 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |      |      |      |        |      |      |
|----------------|------|------|------|--------|------|------|
| EQy USER COEFF | 1109 | 1109 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1110 | 1110 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1111 | 1111 | 0.00 | 339.03 | 0.00 | 0.00 |
| EQy USER COEFF | 1112 | 1112 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1113 | 1113 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1114 | 1114 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1115 | 1115 | 0.00 | 335.03 | 0.00 | 0.00 |
| EQy USER COEFF | 1116 | 1116 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1117 | 1117 | 0.00 | 4.40   | 0.00 | 0.00 |
| EQy USER COEFF | 1118 | 1118 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1119 | 1119 | 0.00 | 339.02 | 0.00 | 0.00 |
| EQy USER COEFF | 1120 | 1120 | 0.00 | 4.84   | 0.00 | 0.00 |
| EQy USER COEFF | 1121 | 1121 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1122 | 1122 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1123 | 1123 | 0.00 | 251.13 | 0.00 | 0.00 |
| EQy USER COEFF | 1124 | 1124 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1125 | 1125 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1126 | 1126 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1127 | 1127 | 0.00 | 254.30 | 0.00 | 0.00 |
| EQy USER COEFF | 1128 | 1128 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1129 | 1129 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1130 | 1130 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1131 | 1131 | 0.00 | 251.13 | 0.00 | 0.00 |
| EQy USER COEFF | 1132 | 1132 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1133 | 1133 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1134 | 1134 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1135 | 1135 | 0.00 | 254.30 | 0.00 | 0.00 |
| EQy USER COEFF | 1136 | 1136 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1137 | 1137 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1138 | 1138 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1139 | 1139 | 0.00 | 251.13 | 0.00 | 0.00 |
| EQy USER COEFF | 1140 | 1140 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1141 | 1141 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1142 | 1142 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1143 | 1143 | 0.00 | 254.30 | 0.00 | 0.00 |
| EQy USER COEFF | 1144 | 1144 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1145 | 1145 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1146 | 1146 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1147 | 1147 | 0.00 | 251.13 | 0.00 | 0.00 |
| EQy USER COEFF | 1148 | 1148 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1149 | 1149 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1150 | 1150 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1151 | 1151 | 0.00 | 254.30 | 0.00 | 0.00 |
| EQy USER COEFF | 1152 | 1152 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1153 | 1153 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1154 | 1154 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1155 | 1155 | 0.00 | 251.13 | 0.00 | 0.00 |
| EQy USER COEFF | 1156 | 1156 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1157 | 1157 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1158 | 1158 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1159 | 1159 | 0.00 | 254.30 | 0.00 | 0.00 |
| EQy USER COEFF | 1160 | 1160 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1161 | 1161 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1162 | 1162 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1163 | 1163 | 0.00 | 251.13 | 0.00 | 0.00 |
| EQy USER COEFF | 1164 | 1164 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1165 | 1165 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1166 | 1166 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1167 | 1167 | 0.00 | 254.30 | 0.00 | 0.00 |
| EQy USER COEFF | 1168 | 1168 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1169 | 1169 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1170 | 1170 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1171 | 1171 | 0.00 | 251.13 | 0.00 | 0.00 |
| EQy USER COEFF | 1172 | 1172 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1173 | 1173 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1174 | 1174 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1175 | 1175 | 0.00 | 254.61 | 0.00 | 0.00 |
| EQy USER COEFF | 1176 | 1176 | 0.00 | 3.60   | 0.00 | 0.00 |
| EQy USER COEFF | 1177 | 1177 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1178 | 1178 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1179 | 1179 | 0.00 | 251.13 | 0.00 | 0.00 |
| EQy USER COEFF | 1180 | 1180 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1181 | 1181 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1182 | 1182 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1183 | 1183 | 0.00 | 254.30 | 0.00 | 0.00 |
| EQy USER COEFF | 1184 | 1184 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1185 | 1185 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1186 | 1186 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1187 | 1187 | 0.00 | 251.13 | 0.00 | 0.00 |
| EQy USER COEFF | 1188 | 1188 | 0.00 | 3.24   | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 37 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |      |      |      |        |      |      |
|----------------|------|------|------|--------|------|------|
| EQy USER COEFF | 1189 | 1189 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1190 | 1190 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1191 | 1191 | 0.00 | 254.30 | 0.00 | 0.00 |
| EQy USER COEFF | 1192 | 1192 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1193 | 1193 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1194 | 1194 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1195 | 1195 | 0.00 | 251.13 | 0.00 | 0.00 |
| EQy USER COEFF | 1196 | 1196 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1197 | 1197 | 0.00 | 3.00   | 0.00 | 0.00 |
| EQy USER COEFF | 1198 | 1198 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1199 | 1199 | 0.00 | 254.30 | 0.00 | 0.00 |
| EQy USER COEFF | 1200 | 1200 | 0.00 | 3.24   | 0.00 | 0.00 |
| EQy USER COEFF | 1201 | 1201 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1202 | 1202 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1203 | 1203 | 0.00 | 98.19  | 0.00 | 0.00 |
| EQy USER COEFF | 1204 | 1204 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1205 | 1205 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1206 | 1206 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1207 | 1207 | 0.00 | 119.37 | 0.00 | 0.00 |
| EQy USER COEFF | 1208 | 1208 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1209 | 1209 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1210 | 1210 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1211 | 1211 | 0.00 | 98.19  | 0.00 | 0.00 |
| EQy USER COEFF | 1212 | 1212 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1213 | 1213 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1214 | 1214 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1215 | 1215 | 0.00 | 119.37 | 0.00 | 0.00 |
| EQy USER COEFF | 1216 | 1216 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1217 | 1217 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1218 | 1218 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1219 | 1219 | 0.00 | 98.19  | 0.00 | 0.00 |
| EQy USER COEFF | 1220 | 1220 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1221 | 1221 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1222 | 1222 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1223 | 1223 | 0.00 | 119.37 | 0.00 | 0.00 |
| EQy USER COEFF | 1224 | 1224 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1225 | 1225 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1226 | 1226 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1227 | 1227 | 0.00 | 98.19  | 0.00 | 0.00 |
| EQy USER COEFF | 1228 | 1228 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1229 | 1229 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1230 | 1230 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1231 | 1231 | 0.00 | 119.37 | 0.00 | 0.00 |
| EQy USER COEFF | 1232 | 1232 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1233 | 1233 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1234 | 1234 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1235 | 1235 | 0.00 | 98.19  | 0.00 | 0.00 |
| EQy USER COEFF | 1236 | 1236 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1237 | 1237 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1238 | 1238 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1239 | 1239 | 0.00 | 119.37 | 0.00 | 0.00 |
| EQy USER COEFF | 1240 | 1240 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1241 | 1241 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1242 | 1242 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1243 | 1243 | 0.00 | 98.19  | 0.00 | 0.00 |
| EQy USER COEFF | 1244 | 1244 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1245 | 1245 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1246 | 1246 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1247 | 1247 | 0.00 | 119.37 | 0.00 | 0.00 |
| EQy USER COEFF | 1248 | 1248 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1249 | 1249 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1250 | 1250 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1251 | 1251 | 0.00 | 98.19  | 0.00 | 0.00 |
| EQy USER COEFF | 1252 | 1252 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1253 | 1253 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1254 | 1254 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1255 | 1255 | 0.00 | 119.37 | 0.00 | 0.00 |
| EQy USER COEFF | 1256 | 1256 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1257 | 1257 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1258 | 1258 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1259 | 1259 | 0.00 | 98.19  | 0.00 | 0.00 |
| EQy USER COEFF | 1260 | 1260 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1261 | 1261 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1262 | 1262 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1263 | 1263 | 0.00 | 119.37 | 0.00 | 0.00 |
| EQy USER COEFF | 1264 | 1264 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1265 | 1265 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1266 | 1266 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1267 | 1267 | 0.00 | 98.19  | 0.00 | 0.00 |
| EQy USER COEFF | 1268 | 1268 | 0.00 | 13.48  | 0.00 | 0.00 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 38 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|                |      |      |      |        |      |      |
|----------------|------|------|------|--------|------|------|
| EQy USER COEFF | 1269 | 1269 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1270 | 1270 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1271 | 1271 | 0.00 | 119.37 | 0.00 | 0.00 |
| EQy USER COEFF | 1272 | 1272 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1273 | 1273 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1274 | 1274 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1275 | 1275 | 0.00 | 98.19  | 0.00 | 0.00 |
| EQy USER COEFF | 1276 | 1276 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1277 | 1277 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1278 | 1278 | 0.00 | 13.48  | 0.00 | 0.00 |
| EQy USER COEFF | 1279 | 1279 | 0.00 | 119.37 | 0.00 | 0.00 |
| EQy USER COEFF | 1280 | 1280 | 0.00 | 13.48  | 0.00 | 0.00 |

Table: Auto Seismic Loads To Joints, Part 2 of 2

| LoadCase | JointElem | Joint | MY    | MZ    | X          | Y         | Z       |
|----------|-----------|-------|-------|-------|------------|-----------|---------|
| Text     | Text      | Text  | Kgf-m | Kgf-m | m          | m         | m       |
| EQx      | 3         | 3     | 0.00  | 0.00  | 29.72589   | 2.33948   | 1.30617 |
| EQx      | 4         | 4     | 0.00  | 0.00  | 29.81781   | 0.00000   | 1.30617 |
| EQx      | 6         | 6     | 0.00  | 0.00  | 29.45070   | 4.66453   | 1.30617 |
| EQx      | 8         | 8     | 0.00  | 0.00  | 28.99394   | 6.96083   | 1.30617 |
| EQx      | 10        | 10    | 0.00  | 0.00  | 28.35842   | 9.21421   | 1.30617 |
| EQx      | 12        | 12    | 0.00  | 0.00  | 27.54807   | 11.41078  | 1.30617 |
| EQx      | 14        | 14    | 0.00  | 0.00  | 26.56786   | 13.53700  | 1.30617 |
| EQx      | 16        | 16    | 0.00  | 0.00  | 25.42386   | 15.57976  | 1.30617 |
| EQx      | 18        | 18    | 0.00  | 0.00  | 24.12312   | 17.52647  | 1.30617 |
| EQx      | 20        | 20    | 0.00  | 0.00  | 22.67364   | 19.36512  | 1.30617 |
| EQx      | 22        | 22    | 0.00  | 0.00  | 21.08438   | 21.08438  | 1.30617 |
| EQx      | 24        | 24    | 0.00  | 0.00  | 19.36512   | 22.67364  | 1.30617 |
| EQx      | 26        | 26    | 0.00  | 0.00  | 17.52647   | 24.12312  | 1.30617 |
| EQx      | 28        | 28    | 0.00  | 0.00  | 15.57976   | 25.42386  | 1.30617 |
| EQx      | 30        | 30    | 0.00  | 0.00  | 13.53700   | 26.56786  | 1.30617 |
| EQx      | 32        | 32    | 0.00  | 0.00  | 11.41078   | 27.54807  | 1.30617 |
| EQx      | 34        | 34    | 0.00  | 0.00  | 9.21421    | 28.35842  | 1.30617 |
| EQx      | 36        | 36    | 0.00  | 0.00  | 6.96083    | 28.99394  | 1.30617 |
| EQx      | 38        | 38    | 0.00  | 0.00  | 4.66453    | 29.45070  | 1.30617 |
| EQx      | 40        | 40    | 0.00  | 0.00  | 2.33948    | 29.72589  | 1.30617 |
| EQx      | 42        | 42    | 0.00  | 0.00  | 1.826E-15  | 29.81781  | 1.30617 |
| EQx      | 44        | 44    | 0.00  | 0.00  | -2.33948   | 29.72589  | 1.30617 |
| EQx      | 46        | 46    | 0.00  | 0.00  | -4.66453   | 29.45070  | 1.30617 |
| EQx      | 48        | 48    | 0.00  | 0.00  | -6.96083   | 28.99394  | 1.30617 |
| EQx      | 50        | 50    | 0.00  | 0.00  | -9.21421   | 28.35842  | 1.30617 |
| EQx      | 52        | 52    | 0.00  | 0.00  | -11.41078  | 27.54807  | 1.30617 |
| EQx      | 54        | 54    | 0.00  | 0.00  | -13.53700  | 26.56786  | 1.30617 |
| EQx      | 56        | 56    | 0.00  | 0.00  | -15.57976  | 25.42386  | 1.30617 |
| EQx      | 58        | 58    | 0.00  | 0.00  | -17.52647  | 24.12312  | 1.30617 |
| EQx      | 60        | 60    | 0.00  | 0.00  | -19.36512  | 22.67364  | 1.30617 |
| EQx      | 62        | 62    | 0.00  | 0.00  | -21.08438  | 21.08438  | 1.30617 |
| EQx      | 64        | 64    | 0.00  | 0.00  | -22.67364  | 19.36512  | 1.30617 |
| EQx      | 66        | 66    | 0.00  | 0.00  | -24.12312  | 17.52647  | 1.30617 |
| EQx      | 68        | 68    | 0.00  | 0.00  | -25.42386  | 15.57976  | 1.30617 |
| EQx      | 70        | 70    | 0.00  | 0.00  | -26.56786  | 13.53700  | 1.30617 |
| EQx      | 72        | 72    | 0.00  | 0.00  | -27.54807  | 11.41078  | 1.30617 |
| EQx      | 74        | 74    | 0.00  | 0.00  | -28.35842  | 9.21421   | 1.30617 |
| EQx      | 76        | 76    | 0.00  | 0.00  | -28.99394  | 6.96083   | 1.30617 |
| EQx      | 78        | 78    | 0.00  | 0.00  | -29.45070  | 4.66453   | 1.30617 |
| EQx      | 80        | 80    | 0.00  | 0.00  | -29.72589  | 2.33948   | 1.30617 |
| EQx      | 82        | 82    | 0.00  | 0.00  | -29.81781  | 3.652E-15 | 1.30617 |
| EQx      | 84        | 84    | 0.00  | 0.00  | -29.72589  | -2.33948  | 1.30617 |
| EQx      | 86        | 86    | 0.00  | 0.00  | -29.45070  | -4.66453  | 1.30617 |
| EQx      | 88        | 88    | 0.00  | 0.00  | -28.99394  | -6.96083  | 1.30617 |
| EQx      | 90        | 90    | 0.00  | 0.00  | -28.35842  | -9.21421  | 1.30617 |
| EQx      | 92        | 92    | 0.00  | 0.00  | -27.54807  | -11.41078 | 1.30617 |
| EQx      | 94        | 94    | 0.00  | 0.00  | -26.56786  | -13.53700 | 1.30617 |
| EQx      | 96        | 96    | 0.00  | 0.00  | -25.42386  | -15.57976 | 1.30617 |
| EQx      | 98        | 98    | 0.00  | 0.00  | -24.12312  | -17.52647 | 1.30617 |
| EQx      | 100       | 100   | 0.00  | 0.00  | -22.67364  | -19.36512 | 1.30617 |
| EQx      | 102       | 102   | 0.00  | 0.00  | -21.08438  | -21.08438 | 1.30617 |
| EQx      | 104       | 104   | 0.00  | 0.00  | -19.36512  | -22.67364 | 1.30617 |
| EQx      | 106       | 106   | 0.00  | 0.00  | -17.52647  | -24.12312 | 1.30617 |
| EQx      | 108       | 108   | 0.00  | 0.00  | -15.57976  | -25.42386 | 1.30617 |
| EQx      | 110       | 110   | 0.00  | 0.00  | -13.53700  | -26.56786 | 1.30617 |
| EQx      | 112       | 112   | 0.00  | 0.00  | -11.41078  | -27.54807 | 1.30617 |
| EQx      | 114       | 114   | 0.00  | 0.00  | -9.21421   | -28.35842 | 1.30617 |
| EQx      | 116       | 116   | 0.00  | 0.00  | -6.96083   | -28.99394 | 1.30617 |
| EQx      | 118       | 118   | 0.00  | 0.00  | -4.66453   | -29.45070 | 1.30617 |
| EQx      | 120       | 120   | 0.00  | 0.00  | -2.33948   | -29.72589 | 1.30617 |
| EQx      | 122       | 122   | 0.00  | 0.00  | -5.477E-15 | -29.81781 | 1.30617 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 39 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |     |     |      |      |            |           |         |
|-----|-----|-----|------|------|------------|-----------|---------|
| EQx | 124 | 124 | 0.00 | 0.00 | 2.33948    | -29.72589 | 1.30617 |
| EQx | 126 | 126 | 0.00 | 0.00 | 4.66453    | -29.45070 | 1.30617 |
| EQx | 128 | 128 | 0.00 | 0.00 | 6.96083    | -28.99394 | 1.30617 |
| EQx | 130 | 130 | 0.00 | 0.00 | 9.21421    | -28.35842 | 1.30617 |
| EQx | 132 | 132 | 0.00 | 0.00 | 11.41078   | -27.54807 | 1.30617 |
| EQx | 134 | 134 | 0.00 | 0.00 | 13.53700   | -26.56786 | 1.30617 |
| EQx | 136 | 136 | 0.00 | 0.00 | 15.57976   | -25.42386 | 1.30617 |
| EQx | 138 | 138 | 0.00 | 0.00 | 17.52647   | -24.12312 | 1.30617 |
| EQx | 140 | 140 | 0.00 | 0.00 | 19.36512   | -22.67364 | 1.30617 |
| EQx | 142 | 142 | 0.00 | 0.00 | 21.08438   | -21.08438 | 1.30617 |
| EQx | 144 | 144 | 0.00 | 0.00 | 22.67364   | -19.36512 | 1.30617 |
| EQx | 146 | 146 | 0.00 | 0.00 | 24.12312   | -17.52647 | 1.30617 |
| EQx | 148 | 148 | 0.00 | 0.00 | 25.42386   | -15.57976 | 1.30617 |
| EQx | 150 | 150 | 0.00 | 0.00 | 26.56786   | -13.53700 | 1.30617 |
| EQx | 152 | 152 | 0.00 | 0.00 | 27.54807   | -11.41078 | 1.30617 |
| EQx | 154 | 154 | 0.00 | 0.00 | 28.35842   | -9.21421  | 1.30617 |
| EQx | 156 | 156 | 0.00 | 0.00 | 28.99394   | -6.96083  | 1.30617 |
| EQx | 158 | 158 | 0.00 | 0.00 | 29.45070   | -4.66453  | 1.30617 |
| EQx | 160 | 160 | 0.00 | 0.00 | 29.72589   | -2.33948  | 1.30617 |
| EQx | 161 | 161 | 0.00 | 0.00 | 27.99504   | 2.20326   | 2.53953 |
| EQx | 162 | 162 | 0.00 | 0.00 | 28.08161   | 0.00000   | 2.53953 |
| EQx | 163 | 163 | 0.00 | 0.00 | 27.73588   | 4.39293   | 2.53953 |
| EQx | 164 | 164 | 0.00 | 0.00 | 27.30571   | 6.55552   | 2.53953 |
| EQx | 165 | 165 | 0.00 | 0.00 | 26.70720   | 8.67769   | 2.53953 |
| EQx | 166 | 166 | 0.00 | 0.00 | 25.94402   | 10.74637  | 2.53953 |
| EQx | 167 | 167 | 0.00 | 0.00 | 25.02090   | 12.74878  | 2.53953 |
| EQx | 168 | 168 | 0.00 | 0.00 | 23.94351   | 14.67260  | 2.53953 |
| EQx | 169 | 169 | 0.00 | 0.00 | 22.71850   | 16.50596  | 2.53953 |
| EQx | 170 | 170 | 0.00 | 0.00 | 21.35342   | 18.23755  | 2.53953 |
| EQx | 171 | 171 | 0.00 | 0.00 | 19.85670   | 19.85670  | 2.53953 |
| EQx | 172 | 172 | 0.00 | 0.00 | 18.23755   | 21.35342  | 2.53953 |
| EQx | 173 | 173 | 0.00 | 0.00 | 16.50596   | 22.71850  | 2.53953 |
| EQx | 174 | 174 | 0.00 | 0.00 | 14.67260   | 23.94351  | 2.53953 |
| EQx | 175 | 175 | 0.00 | 0.00 | 12.74878   | 25.02090  | 2.53953 |
| EQx | 176 | 176 | 0.00 | 0.00 | 10.74637   | 25.94402  | 2.53953 |
| EQx | 177 | 177 | 0.00 | 0.00 | 8.67769    | 26.70720  | 2.53953 |
| EQx | 178 | 178 | 0.00 | 0.00 | 6.55552    | 27.30571  | 2.53953 |
| EQx | 179 | 179 | 0.00 | 0.00 | 4.39293    | 27.73588  | 2.53953 |
| EQx | 180 | 180 | 0.00 | 0.00 | 2.20326    | 27.99504  | 2.53953 |
| EQx | 181 | 181 | 0.00 | 0.00 | 1.719E-15  | 28.08161  | 2.53953 |
| EQx | 182 | 182 | 0.00 | 0.00 | -2.20326   | 27.99504  | 2.53953 |
| EQx | 183 | 183 | 0.00 | 0.00 | -4.39293   | 27.73588  | 2.53953 |
| EQx | 184 | 184 | 0.00 | 0.00 | -6.55552   | 27.30571  | 2.53953 |
| EQx | 185 | 185 | 0.00 | 0.00 | -8.67769   | 26.70720  | 2.53953 |
| EQx | 186 | 186 | 0.00 | 0.00 | -10.74637  | 25.94402  | 2.53953 |
| EQx | 187 | 187 | 0.00 | 0.00 | -12.74878  | 25.02090  | 2.53953 |
| EQx | 188 | 188 | 0.00 | 0.00 | -14.67260  | 23.94351  | 2.53953 |
| EQx | 189 | 189 | 0.00 | 0.00 | -16.50596  | 22.71850  | 2.53953 |
| EQx | 190 | 190 | 0.00 | 0.00 | -18.23755  | 21.35342  | 2.53953 |
| EQx | 191 | 191 | 0.00 | 0.00 | -19.85670  | 19.85670  | 2.53953 |
| EQx | 192 | 192 | 0.00 | 0.00 | -21.35342  | 18.23755  | 2.53953 |
| EQx | 193 | 193 | 0.00 | 0.00 | -22.71850  | 16.50596  | 2.53953 |
| EQx | 194 | 194 | 0.00 | 0.00 | -23.94351  | 14.67260  | 2.53953 |
| EQx | 195 | 195 | 0.00 | 0.00 | -25.02090  | 12.74878  | 2.53953 |
| EQx | 196 | 196 | 0.00 | 0.00 | -25.94402  | 10.74637  | 2.53953 |
| EQx | 197 | 197 | 0.00 | 0.00 | -26.70720  | 8.67769   | 2.53953 |
| EQx | 198 | 198 | 0.00 | 0.00 | -27.30571  | 6.55552   | 2.53953 |
| EQx | 199 | 199 | 0.00 | 0.00 | -27.73588  | 4.39293   | 2.53953 |
| EQx | 200 | 200 | 0.00 | 0.00 | -27.99504  | 2.20326   | 2.53953 |
| EQx | 201 | 201 | 0.00 | 0.00 | -28.08161  | 3.439E-15 | 2.53953 |
| EQx | 202 | 202 | 0.00 | 0.00 | -27.99504  | -2.20326  | 2.53953 |
| EQx | 203 | 203 | 0.00 | 0.00 | -27.73588  | -4.39293  | 2.53953 |
| EQx | 204 | 204 | 0.00 | 0.00 | -27.30571  | -6.55552  | 2.53953 |
| EQx | 205 | 205 | 0.00 | 0.00 | -26.70720  | -8.67769  | 2.53953 |
| EQx | 206 | 206 | 0.00 | 0.00 | -25.94402  | -10.74637 | 2.53953 |
| EQx | 207 | 207 | 0.00 | 0.00 | -25.02090  | -12.74878 | 2.53953 |
| EQx | 208 | 208 | 0.00 | 0.00 | -23.94351  | -14.67260 | 2.53953 |
| EQx | 209 | 209 | 0.00 | 0.00 | -22.71850  | -16.50596 | 2.53953 |
| EQx | 210 | 210 | 0.00 | 0.00 | -21.35342  | -18.23755 | 2.53953 |
| EQx | 211 | 211 | 0.00 | 0.00 | -19.85670  | -19.85670 | 2.53953 |
| EQx | 212 | 212 | 0.00 | 0.00 | -18.23755  | -21.35342 | 2.53953 |
| EQx | 213 | 213 | 0.00 | 0.00 | -16.50596  | -22.71850 | 2.53953 |
| EQx | 214 | 214 | 0.00 | 0.00 | -14.67260  | -23.94351 | 2.53953 |
| EQx | 215 | 215 | 0.00 | 0.00 | -12.74878  | -25.02090 | 2.53953 |
| EQx | 216 | 216 | 0.00 | 0.00 | -10.74637  | -25.94402 | 2.53953 |
| EQx | 217 | 217 | 0.00 | 0.00 | -8.67769   | -26.70720 | 2.53953 |
| EQx | 218 | 218 | 0.00 | 0.00 | -6.55552   | -27.30571 | 2.53953 |
| EQx | 219 | 219 | 0.00 | 0.00 | -4.39293   | -27.73588 | 2.53953 |
| EQx | 220 | 220 | 0.00 | 0.00 | -2.20326   | -27.99504 | 2.53953 |
| EQx | 221 | 221 | 0.00 | 0.00 | -5.158E-15 | -28.08161 | 2.53953 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |     |     |      |      |            |           |         |
|-----|-----|-----|------|------|------------|-----------|---------|
| EQx | 222 | 222 | 0.00 | 0.00 | 2.20326    | -27.99504 | 2.53953 |
| EQx | 223 | 223 | 0.00 | 0.00 | 4.39293    | -27.73588 | 2.53953 |
| EQx | 224 | 224 | 0.00 | 0.00 | 6.55552    | -27.30571 | 2.53953 |
| EQx | 225 | 225 | 0.00 | 0.00 | 8.67769    | -26.70720 | 2.53953 |
| EQx | 226 | 226 | 0.00 | 0.00 | 10.74637   | -25.94402 | 2.53953 |
| EQx | 227 | 227 | 0.00 | 0.00 | 12.74878   | -25.02090 | 2.53953 |
| EQx | 228 | 228 | 0.00 | 0.00 | 14.67260   | -23.94351 | 2.53953 |
| EQx | 229 | 229 | 0.00 | 0.00 | 16.50596   | -22.71850 | 2.53953 |
| EQx | 230 | 230 | 0.00 | 0.00 | 18.23755   | -21.35342 | 2.53953 |
| EQx | 231 | 231 | 0.00 | 0.00 | 19.85670   | -19.85670 | 2.53953 |
| EQx | 232 | 232 | 0.00 | 0.00 | 21.35342   | -18.23755 | 2.53953 |
| EQx | 233 | 233 | 0.00 | 0.00 | 22.71850   | -16.50596 | 2.53953 |
| EQx | 234 | 234 | 0.00 | 0.00 | 23.94351   | -14.67260 | 2.53953 |
| EQx | 235 | 235 | 0.00 | 0.00 | 25.02090   | -12.74878 | 2.53953 |
| EQx | 236 | 236 | 0.00 | 0.00 | 25.94402   | -10.74637 | 2.53953 |
| EQx | 237 | 237 | 0.00 | 0.00 | 26.70720   | -8.67769  | 2.53953 |
| EQx | 238 | 238 | 0.00 | 0.00 | 27.30571   | -6.55552  | 2.53953 |
| EQx | 239 | 239 | 0.00 | 0.00 | 27.73588   | -4.39293  | 2.53953 |
| EQx | 240 | 240 | 0.00 | 0.00 | 27.99504   | -2.20326  | 2.53953 |
| EQx | 241 | 241 | 0.00 | 0.00 | 26.21340   | 2.06304   | 3.69783 |
| EQx | 242 | 242 | 0.00 | 0.00 | 26.29446   | 0.00000   | 3.69783 |
| EQx | 243 | 243 | 0.00 | 0.00 | 25.97073   | 4.11336   | 3.69783 |
| EQx | 244 | 244 | 0.00 | 0.00 | 25.56794   | 6.13832   | 3.69783 |
| EQx | 245 | 245 | 0.00 | 0.00 | 25.00752   | 8.12544   | 3.69783 |
| EQx | 246 | 246 | 0.00 | 0.00 | 24.29291   | 10.06245  | 3.69783 |
| EQx | 247 | 247 | 0.00 | 0.00 | 23.42854   | 11.93744  | 3.69783 |
| EQx | 248 | 248 | 0.00 | 0.00 | 22.41971   | 13.73882  | 3.69783 |
| EQx | 249 | 249 | 0.00 | 0.00 | 21.27267   | 15.45550  | 3.69783 |
| EQx | 250 | 250 | 0.00 | 0.00 | 19.99447   | 17.07689  | 3.69783 |
| EQx | 251 | 251 | 0.00 | 0.00 | 18.59299   | 18.59299  | 3.69783 |
| EQx | 252 | 252 | 0.00 | 0.00 | 17.07689   | 19.99447  | 3.69783 |
| EQx | 253 | 253 | 0.00 | 0.00 | 15.45550   | 21.27267  | 3.69783 |
| EQx | 254 | 254 | 0.00 | 0.00 | 13.73882   | 22.41971  | 3.69783 |
| EQx | 255 | 255 | 0.00 | 0.00 | 11.93744   | 23.42854  | 3.69783 |
| EQx | 256 | 256 | 0.00 | 0.00 | 10.06245   | 24.29291  | 3.69783 |
| EQx | 257 | 257 | 0.00 | 0.00 | 8.12544    | 25.00752  | 3.69783 |
| EQx | 258 | 258 | 0.00 | 0.00 | 6.13832    | 25.56794  | 3.69783 |
| EQx | 259 | 259 | 0.00 | 0.00 | 4.11336    | 25.97073  | 3.69783 |
| EQx | 260 | 260 | 0.00 | 0.00 | 2.06304    | 26.21340  | 3.69783 |
| EQx | 261 | 261 | 0.00 | 0.00 | 1.610E-15  | 26.29446  | 3.69783 |
| EQx | 262 | 262 | 0.00 | 0.00 | -2.06304   | 26.21340  | 3.69783 |
| EQx | 263 | 263 | 0.00 | 0.00 | -4.11336   | 25.97073  | 3.69783 |
| EQx | 264 | 264 | 0.00 | 0.00 | -6.13832   | 25.56794  | 3.69783 |
| EQx | 265 | 265 | 0.00 | 0.00 | -8.12544   | 25.00752  | 3.69783 |
| EQx | 266 | 266 | 0.00 | 0.00 | -10.06245  | 24.29291  | 3.69783 |
| EQx | 267 | 267 | 0.00 | 0.00 | -11.93744  | 23.42854  | 3.69783 |
| EQx | 268 | 268 | 0.00 | 0.00 | -13.73882  | 22.41971  | 3.69783 |
| EQx | 269 | 269 | 0.00 | 0.00 | -15.45550  | 21.27267  | 3.69783 |
| EQx | 270 | 270 | 0.00 | 0.00 | -17.07689  | 19.99447  | 3.69783 |
| EQx | 271 | 271 | 0.00 | 0.00 | -18.59299  | 18.59299  | 3.69783 |
| EQx | 272 | 272 | 0.00 | 0.00 | -19.99447  | 17.07689  | 3.69783 |
| EQx | 273 | 273 | 0.00 | 0.00 | -21.27267  | 15.45550  | 3.69783 |
| EQx | 274 | 274 | 0.00 | 0.00 | -22.41971  | 13.73882  | 3.69783 |
| EQx | 275 | 275 | 0.00 | 0.00 | -23.42854  | 11.93744  | 3.69783 |
| EQx | 276 | 276 | 0.00 | 0.00 | -24.29291  | 10.06245  | 3.69783 |
| EQx | 277 | 277 | 0.00 | 0.00 | -25.00752  | 8.12544   | 3.69783 |
| EQx | 278 | 278 | 0.00 | 0.00 | -25.56794  | 6.13832   | 3.69783 |
| EQx | 279 | 279 | 0.00 | 0.00 | -25.97073  | 4.11336   | 3.69783 |
| EQx | 280 | 280 | 0.00 | 0.00 | -26.21340  | 2.06304   | 3.69783 |
| EQx | 281 | 281 | 0.00 | 0.00 | -26.29446  | 3.220E-15 | 3.69783 |
| EQx | 282 | 282 | 0.00 | 0.00 | -26.21340  | -2.06304  | 3.69783 |
| EQx | 283 | 283 | 0.00 | 0.00 | -25.97073  | -4.11336  | 3.69783 |
| EQx | 284 | 284 | 0.00 | 0.00 | -25.56794  | -6.13832  | 3.69783 |
| EQx | 285 | 285 | 0.00 | 0.00 | -25.00752  | -8.12544  | 3.69783 |
| EQx | 286 | 286 | 0.00 | 0.00 | -24.29291  | -10.06245 | 3.69783 |
| EQx | 287 | 287 | 0.00 | 0.00 | -23.42854  | -11.93744 | 3.69783 |
| EQx | 288 | 288 | 0.00 | 0.00 | -22.41971  | -13.73882 | 3.69783 |
| EQx | 289 | 289 | 0.00 | 0.00 | -21.27267  | -15.45550 | 3.69783 |
| EQx | 290 | 290 | 0.00 | 0.00 | -19.99447  | -17.07689 | 3.69783 |
| EQx | 291 | 291 | 0.00 | 0.00 | -18.59299  | -18.59299 | 3.69783 |
| EQx | 292 | 292 | 0.00 | 0.00 | -17.07689  | -19.99447 | 3.69783 |
| EQx | 293 | 293 | 0.00 | 0.00 | -15.45550  | -21.27267 | 3.69783 |
| EQx | 294 | 294 | 0.00 | 0.00 | -13.73882  | -22.41971 | 3.69783 |
| EQx | 295 | 295 | 0.00 | 0.00 | -11.93744  | -23.42854 | 3.69783 |
| EQx | 296 | 296 | 0.00 | 0.00 | -10.06245  | -24.29291 | 3.69783 |
| EQx | 297 | 297 | 0.00 | 0.00 | -8.12544   | -25.00752 | 3.69783 |
| EQx | 298 | 298 | 0.00 | 0.00 | -6.13832   | -25.56794 | 3.69783 |
| EQx | 299 | 299 | 0.00 | 0.00 | -4.11336   | -25.97073 | 3.69783 |
| EQx | 300 | 300 | 0.00 | 0.00 | -2.06304   | -26.21340 | 3.69783 |
| EQx | 301 | 301 | 0.00 | 0.00 | -4.830E-15 | -26.29446 | 3.69783 |



## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 41 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|         |     |      |      |            |           |         |
|---------|-----|------|------|------------|-----------|---------|
| EQx 302 | 302 | 0.00 | 0.00 | 2.06304    | -26.21340 | 3.69783 |
| EQx 303 | 303 | 0.00 | 0.00 | 4.11336    | -25.97073 | 3.69783 |
| EQx 304 | 304 | 0.00 | 0.00 | 6.13832    | -25.56794 | 3.69783 |
| EQx 305 | 305 | 0.00 | 0.00 | 8.12544    | -25.00752 | 3.69783 |
| EQx 306 | 306 | 0.00 | 0.00 | 10.06245   | -24.29291 | 3.69783 |
| EQx 307 | 307 | 0.00 | 0.00 | 11.93744   | -23.42854 | 3.69783 |
| EQx 308 | 308 | 0.00 | 0.00 | 13.73882   | -22.41971 | 3.69783 |
| EQx 309 | 309 | 0.00 | 0.00 | 15.45550   | -21.27267 | 3.69783 |
| EQx 310 | 310 | 0.00 | 0.00 | 17.07689   | -19.99447 | 3.69783 |
| EQx 311 | 311 | 0.00 | 0.00 | 18.59299   | -18.59299 | 3.69783 |
| EQx 312 | 312 | 0.00 | 0.00 | 19.99447   | -17.07689 | 3.69783 |
| EQx 313 | 313 | 0.00 | 0.00 | 21.27267   | -15.45550 | 3.69783 |
| EQx 314 | 314 | 0.00 | 0.00 | 22.41971   | -13.73882 | 3.69783 |
| EQx 315 | 315 | 0.00 | 0.00 | 23.42854   | -11.93744 | 3.69783 |
| EQx 316 | 316 | 0.00 | 0.00 | 24.29291   | -10.06245 | 3.69783 |
| EQx 317 | 317 | 0.00 | 0.00 | 25.00752   | -8.12544  | 3.69783 |
| EQx 318 | 318 | 0.00 | 0.00 | 25.56794   | -6.13832  | 3.69783 |
| EQx 319 | 319 | 0.00 | 0.00 | 25.97073   | -4.11336  | 3.69783 |
| EQx 320 | 320 | 0.00 | 0.00 | 26.21340   | -2.06304  | 3.69783 |
| EQx 321 | 321 | 0.00 | 0.00 | 24.38421   | 1.91908   | 4.77898 |
| EQx 322 | 322 | 0.00 | 0.00 | 24.45961   | 0.00000   | 4.77898 |
| EQx 323 | 323 | 0.00 | 0.00 | 24.15847   | 3.82633   | 4.77898 |
| EQx 324 | 324 | 0.00 | 0.00 | 23.78379   | 5.70998   | 4.77898 |
| EQx 325 | 325 | 0.00 | 0.00 | 23.26247   | 7.55843   | 4.77898 |
| EQx 326 | 326 | 0.00 | 0.00 | 22.59773   | 9.36029   | 4.77898 |
| EQx 327 | 327 | 0.00 | 0.00 | 21.79367   | 11.10443  | 4.77898 |
| EQx 328 | 328 | 0.00 | 0.00 | 20.85525   | 12.78011  | 4.77898 |
| EQx 329 | 329 | 0.00 | 0.00 | 19.78824   | 14.37700  | 4.77898 |
| EQx 330 | 330 | 0.00 | 0.00 | 18.59923   | 15.88525  | 4.77898 |
| EQx 331 | 331 | 0.00 | 0.00 | 17.29556   | 17.29556  | 4.77898 |
| EQx 332 | 332 | 0.00 | 0.00 | 15.88525   | 18.59923  | 4.77898 |
| EQx 333 | 333 | 0.00 | 0.00 | 14.37700   | 19.78824  | 4.77898 |
| EQx 334 | 334 | 0.00 | 0.00 | 12.78011   | 20.85525  | 4.77898 |
| EQx 335 | 335 | 0.00 | 0.00 | 11.10443   | 21.79367  | 4.77898 |
| EQx 336 | 336 | 0.00 | 0.00 | 9.36029    | 22.59773  | 4.77898 |
| EQx 337 | 337 | 0.00 | 0.00 | 7.55843    | 23.26247  | 4.77898 |
| EQx 338 | 338 | 0.00 | 0.00 | 5.70998    | 23.78379  | 4.77898 |
| EQx 339 | 339 | 0.00 | 0.00 | 3.82633    | 24.15847  | 4.77898 |
| EQx 340 | 340 | 0.00 | 0.00 | 1.91908    | 24.38421  | 4.77898 |
| EQx 341 | 341 | 0.00 | 0.00 | 1.498E-15  | 24.45961  | 4.77898 |
| EQx 342 | 342 | 0.00 | 0.00 | -1.91908   | 24.38421  | 4.77898 |
| EQx 343 | 343 | 0.00 | 0.00 | -3.82633   | 24.15847  | 4.77898 |
| EQx 344 | 344 | 0.00 | 0.00 | -5.70998   | 23.78379  | 4.77898 |
| EQx 345 | 345 | 0.00 | 0.00 | -7.55843   | 23.26247  | 4.77898 |
| EQx 346 | 346 | 0.00 | 0.00 | -9.36029   | 22.59773  | 4.77898 |
| EQx 347 | 347 | 0.00 | 0.00 | -11.10443  | 21.79367  | 4.77898 |
| EQx 348 | 348 | 0.00 | 0.00 | -12.78011  | 20.85525  | 4.77898 |
| EQx 349 | 349 | 0.00 | 0.00 | -14.37700  | 19.78824  | 4.77898 |
| EQx 350 | 350 | 0.00 | 0.00 | -15.88525  | 18.59923  | 4.77898 |
| EQx 351 | 351 | 0.00 | 0.00 | -17.29556  | 17.29556  | 4.77898 |
| EQx 352 | 352 | 0.00 | 0.00 | -18.59923  | 15.88525  | 4.77898 |
| EQx 353 | 353 | 0.00 | 0.00 | -19.78824  | 14.37700  | 4.77898 |
| EQx 354 | 354 | 0.00 | 0.00 | -20.85525  | 12.78011  | 4.77898 |
| EQx 355 | 355 | 0.00 | 0.00 | -21.79367  | 11.10443  | 4.77898 |
| EQx 356 | 356 | 0.00 | 0.00 | -22.59773  | 9.36029   | 4.77898 |
| EQx 357 | 357 | 0.00 | 0.00 | -23.26247  | 7.55843   | 4.77898 |
| EQx 358 | 358 | 0.00 | 0.00 | -23.78379  | 5.70998   | 4.77898 |
| EQx 359 | 359 | 0.00 | 0.00 | -24.15847  | 3.82633   | 4.77898 |
| EQx 360 | 360 | 0.00 | 0.00 | -24.38421  | 1.91908   | 4.77898 |
| EQx 361 | 361 | 0.00 | 0.00 | -24.45961  | 2.995E-15 | 4.77898 |
| EQx 362 | 362 | 0.00 | 0.00 | -24.38421  | -1.91908  | 4.77898 |
| EQx 363 | 363 | 0.00 | 0.00 | -24.15847  | -3.82633  | 4.77898 |
| EQx 364 | 364 | 0.00 | 0.00 | -23.78379  | -5.70998  | 4.77898 |
| EQx 365 | 365 | 0.00 | 0.00 | -23.26247  | -7.55843  | 4.77898 |
| EQx 366 | 366 | 0.00 | 0.00 | -22.59773  | -9.36029  | 4.77898 |
| EQx 367 | 367 | 0.00 | 0.00 | -21.79367  | -11.10443 | 4.77898 |
| EQx 368 | 368 | 0.00 | 0.00 | -20.85525  | -12.78011 | 4.77898 |
| EQx 369 | 369 | 0.00 | 0.00 | -19.78824  | -14.37700 | 4.77898 |
| EQx 370 | 370 | 0.00 | 0.00 | -18.59923  | -15.88525 | 4.77898 |
| EQx 371 | 371 | 0.00 | 0.00 | -17.29556  | -17.29556 | 4.77898 |
| EQx 372 | 372 | 0.00 | 0.00 | -15.88525  | -18.59923 | 4.77898 |
| EQx 373 | 373 | 0.00 | 0.00 | -14.37700  | -19.78824 | 4.77898 |
| EQx 374 | 374 | 0.00 | 0.00 | -12.78011  | -20.85525 | 4.77898 |
| EQx 375 | 375 | 0.00 | 0.00 | -11.10443  | -21.79367 | 4.77898 |
| EQx 376 | 376 | 0.00 | 0.00 | -9.36029   | -22.59773 | 4.77898 |
| EQx 377 | 377 | 0.00 | 0.00 | -7.55843   | -23.26247 | 4.77898 |
| EQx 378 | 378 | 0.00 | 0.00 | -5.70998   | -23.78379 | 4.77898 |
| EQx 379 | 379 | 0.00 | 0.00 | -3.82633   | -24.15847 | 4.77898 |
| EQx 380 | 380 | 0.00 | 0.00 | -1.91908   | -24.38421 | 4.77898 |
| EQx 381 | 381 | 0.00 | 0.00 | -4.493E-15 | -24.45961 | 4.77898 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 42 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|         |     |      |      |            |           |         |
|---------|-----|------|------|------------|-----------|---------|
| EQx 382 | 382 | 0.00 | 0.00 | 1.91908    | -24.38421 | 4.77898 |
| EQx 383 | 383 | 0.00 | 0.00 | 3.82633    | -24.15847 | 4.77898 |
| EQx 384 | 384 | 0.00 | 0.00 | 5.70998    | -23.78379 | 4.77898 |
| EQx 385 | 385 | 0.00 | 0.00 | 7.55843    | -23.26247 | 4.77898 |
| EQx 386 | 386 | 0.00 | 0.00 | 9.36029    | -22.59773 | 4.77898 |
| EQx 387 | 387 | 0.00 | 0.00 | 11.10443   | -21.79367 | 4.77898 |
| EQx 388 | 388 | 0.00 | 0.00 | 12.78011   | -20.85525 | 4.77898 |
| EQx 389 | 389 | 0.00 | 0.00 | 14.37700   | -19.78824 | 4.77898 |
| EQx 390 | 390 | 0.00 | 0.00 | 15.88525   | -18.59923 | 4.77898 |
| EQx 391 | 391 | 0.00 | 0.00 | 17.29556   | -17.29556 | 4.77898 |
| EQx 392 | 392 | 0.00 | 0.00 | 18.59923   | -15.88525 | 4.77898 |
| EQx 393 | 393 | 0.00 | 0.00 | 19.78824   | -14.37700 | 4.77898 |
| EQx 394 | 394 | 0.00 | 0.00 | 20.85525   | -12.78011 | 4.77898 |
| EQx 395 | 395 | 0.00 | 0.00 | 21.79367   | -11.10443 | 4.77898 |
| EQx 396 | 396 | 0.00 | 0.00 | 22.59773   | -9.36029  | 4.77898 |
| EQx 397 | 397 | 0.00 | 0.00 | 23.26247   | -7.55843  | 4.77898 |
| EQx 398 | 398 | 0.00 | 0.00 | 23.78379   | -5.70998  | 4.77898 |
| EQx 399 | 399 | 0.00 | 0.00 | 24.15847   | -3.82633  | 4.77898 |
| EQx 400 | 400 | 0.00 | 0.00 | 24.38421   | -1.91908  | 4.77898 |
| EQx 401 | 401 | 0.00 | 0.00 | 22.51077   | 1.77164   | 5.78101 |
| EQx 402 | 402 | 0.00 | 0.00 | 22.58038   | 0.00000   | 5.78101 |
| EQx 403 | 403 | 0.00 | 0.00 | 22.30238   | 3.53235   | 5.78101 |
| EQx 404 | 404 | 0.00 | 0.00 | 21.95648   | 5.27129   | 5.78101 |
| EQx 405 | 405 | 0.00 | 0.00 | 21.47522   | 6.97772   | 5.78101 |
| EQx 406 | 406 | 0.00 | 0.00 | 20.86155   | 8.64114   | 5.78101 |
| EQx 407 | 407 | 0.00 | 0.00 | 20.11927   | 10.25128  | 5.78101 |
| EQx 408 | 408 | 0.00 | 0.00 | 19.25294   | 11.79822  | 5.78101 |
| EQx 409 | 409 | 0.00 | 0.00 | 18.26791   | 13.27242  | 5.78101 |
| EQx 410 | 410 | 0.00 | 0.00 | 17.17026   | 14.66478  | 5.78101 |
| EQx 411 | 411 | 0.00 | 0.00 | 15.96674   | 15.96674  | 5.78101 |
| EQx 412 | 412 | 0.00 | 0.00 | 14.66478   | 17.17026  | 5.78101 |
| EQx 413 | 413 | 0.00 | 0.00 | 13.27242   | 18.26791  | 5.78101 |
| EQx 414 | 414 | 0.00 | 0.00 | 11.79822   | 19.25294  | 5.78101 |
| EQx 415 | 415 | 0.00 | 0.00 | 10.25128   | 20.11927  | 5.78101 |
| EQx 416 | 416 | 0.00 | 0.00 | 8.64114    | 20.86155  | 5.78101 |
| EQx 417 | 417 | 0.00 | 0.00 | 6.97772    | 21.47522  | 5.78101 |
| EQx 418 | 418 | 0.00 | 0.00 | 5.27129    | 21.95648  | 5.78101 |
| EQx 419 | 419 | 0.00 | 0.00 | 3.53235    | 22.30238  | 5.78101 |
| EQx 420 | 420 | 0.00 | 0.00 | 1.77164    | 22.51077  | 5.78101 |
| EQx 421 | 421 | 0.00 | 0.00 | 1.383E-15  | 22.58038  | 5.78101 |
| EQx 422 | 422 | 0.00 | 0.00 | -1.77164   | 22.51077  | 5.78101 |
| EQx 423 | 423 | 0.00 | 0.00 | -3.53235   | 22.30238  | 5.78101 |
| EQx 424 | 424 | 0.00 | 0.00 | -5.27129   | 21.95648  | 5.78101 |
| EQx 425 | 425 | 0.00 | 0.00 | -6.97772   | 21.47522  | 5.78101 |
| EQx 426 | 426 | 0.00 | 0.00 | -8.64114   | 20.86155  | 5.78101 |
| EQx 427 | 427 | 0.00 | 0.00 | -10.25128  | 20.11927  | 5.78101 |
| EQx 428 | 428 | 0.00 | 0.00 | -11.79822  | 19.25294  | 5.78101 |
| EQx 429 | 429 | 0.00 | 0.00 | -13.27242  | 18.26791  | 5.78101 |
| EQx 430 | 430 | 0.00 | 0.00 | -14.66478  | 17.17026  | 5.78101 |
| EQx 431 | 431 | 0.00 | 0.00 | -15.96674  | 15.96674  | 5.78101 |
| EQx 432 | 432 | 0.00 | 0.00 | -17.17026  | 14.66478  | 5.78101 |
| EQx 433 | 433 | 0.00 | 0.00 | -18.26791  | 13.27242  | 5.78101 |
| EQx 434 | 434 | 0.00 | 0.00 | -19.25294  | 11.79822  | 5.78101 |
| EQx 435 | 435 | 0.00 | 0.00 | -20.11927  | 10.25128  | 5.78101 |
| EQx 436 | 436 | 0.00 | 0.00 | -20.86155  | 8.64114   | 5.78101 |
| EQx 437 | 437 | 0.00 | 0.00 | -21.47522  | 6.97772   | 5.78101 |
| EQx 438 | 438 | 0.00 | 0.00 | -21.95648  | 5.27129   | 5.78101 |
| EQx 439 | 439 | 0.00 | 0.00 | -22.30238  | 3.53235   | 5.78101 |
| EQx 440 | 440 | 0.00 | 0.00 | -22.51077  | 1.77164   | 5.78101 |
| EQx 441 | 441 | 0.00 | 0.00 | -22.58038  | 2.765E-15 | 5.78101 |
| EQx 442 | 442 | 0.00 | 0.00 | -22.51077  | -1.77164  | 5.78101 |
| EQx 443 | 443 | 0.00 | 0.00 | -22.30238  | -3.53235  | 5.78101 |
| EQx 444 | 444 | 0.00 | 0.00 | -21.95648  | -5.27129  | 5.78101 |
| EQx 445 | 445 | 0.00 | 0.00 | -21.47522  | -6.97772  | 5.78101 |
| EQx 446 | 446 | 0.00 | 0.00 | -20.86155  | -8.64114  | 5.78101 |
| EQx 447 | 447 | 0.00 | 0.00 | -20.11927  | -10.25128 | 5.78101 |
| EQx 448 | 448 | 0.00 | 0.00 | -19.25294  | -11.79822 | 5.78101 |
| EQx 449 | 449 | 0.00 | 0.00 | -18.26791  | -13.27242 | 5.78101 |
| EQx 450 | 450 | 0.00 | 0.00 | -17.17026  | -14.66478 | 5.78101 |
| EQx 451 | 451 | 0.00 | 0.00 | -15.96674  | -15.96674 | 5.78101 |
| EQx 452 | 452 | 0.00 | 0.00 | -14.66478  | -17.17026 | 5.78101 |
| EQx 453 | 453 | 0.00 | 0.00 | -13.27242  | -18.26791 | 5.78101 |
| EQx 454 | 454 | 0.00 | 0.00 | -11.79822  | -19.25294 | 5.78101 |
| EQx 455 | 455 | 0.00 | 0.00 | -10.25128  | -20.11927 | 5.78101 |
| EQx 456 | 456 | 0.00 | 0.00 | -8.64114   | -20.86155 | 5.78101 |
| EQx 457 | 457 | 0.00 | 0.00 | -6.97772   | -21.47522 | 5.78101 |
| EQx 458 | 458 | 0.00 | 0.00 | -5.27129   | -21.95648 | 5.78101 |
| EQx 459 | 459 | 0.00 | 0.00 | -3.53235   | -22.30238 | 5.78101 |
| EQx 460 | 460 | 0.00 | 0.00 | -1.77164   | -22.51077 | 5.78101 |
| EQx 461 | 461 | 0.00 | 0.00 | -4.148E-15 | -22.58038 | 5.78101 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 43 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|         |     |      |      |            |           |         |
|---------|-----|------|------|------------|-----------|---------|
| EQx 462 | 462 | 0.00 | 0.00 | 1.77164    | -22.51077 | 5.78101 |
| EQx 463 | 463 | 0.00 | 0.00 | 3.53235    | -22.30238 | 5.78101 |
| EQx 464 | 464 | 0.00 | 0.00 | 5.27129    | -21.95648 | 5.78101 |
| EQx 465 | 465 | 0.00 | 0.00 | 6.97772    | -21.47522 | 5.78101 |
| EQx 466 | 466 | 0.00 | 0.00 | 8.64114    | -20.86155 | 5.78101 |
| EQx 467 | 467 | 0.00 | 0.00 | 10.25128   | -20.11927 | 5.78101 |
| EQx 468 | 468 | 0.00 | 0.00 | 11.79822   | -19.25294 | 5.78101 |
| EQx 469 | 469 | 0.00 | 0.00 | 13.27242   | -18.26791 | 5.78101 |
| EQx 470 | 470 | 0.00 | 0.00 | 14.66478   | -17.17026 | 5.78101 |
| EQx 471 | 471 | 0.00 | 0.00 | 15.96674   | -15.96674 | 5.78101 |
| EQx 472 | 472 | 0.00 | 0.00 | 17.17026   | -14.66478 | 5.78101 |
| EQx 473 | 473 | 0.00 | 0.00 | 18.26791   | -13.27242 | 5.78101 |
| EQx 474 | 474 | 0.00 | 0.00 | 19.25294   | -11.79822 | 5.78101 |
| EQx 475 | 475 | 0.00 | 0.00 | 20.11927   | -10.25128 | 5.78101 |
| EQx 476 | 476 | 0.00 | 0.00 | 20.86155   | -8.64114  | 5.78101 |
| EQx 477 | 477 | 0.00 | 0.00 | 21.47522   | -6.97772  | 5.78101 |
| EQx 478 | 478 | 0.00 | 0.00 | 21.95648   | -5.27129  | 5.78101 |
| EQx 479 | 479 | 0.00 | 0.00 | 22.30238   | -3.53235  | 5.78101 |
| EQx 480 | 480 | 0.00 | 0.00 | 22.51077   | -1.77164  | 5.78101 |
| EQx 481 | 481 | 0.00 | 0.00 | 20.59650   | 1.62098   | 6.70211 |
| EQx 482 | 482 | 0.00 | 0.00 | 20.66019   | 0.00000   | 6.70211 |
| EQx 483 | 483 | 0.00 | 0.00 | 20.40583   | 3.23197   | 6.70211 |
| EQx 484 | 484 | 0.00 | 0.00 | 20.08935   | 4.82303   | 6.70211 |
| EQx 485 | 485 | 0.00 | 0.00 | 19.64901   | 6.38435   | 6.70211 |
| EQx 486 | 486 | 0.00 | 0.00 | 19.08753   | 7.90631   | 6.70211 |
| EQx 487 | 487 | 0.00 | 0.00 | 18.40836   | 9.37953   | 6.70211 |
| EQx 488 | 488 | 0.00 | 0.00 | 17.61571   | 10.79492  | 6.70211 |
| EQx 489 | 489 | 0.00 | 0.00 | 16.71444   | 12.14375  | 6.70211 |
| EQx 490 | 490 | 0.00 | 0.00 | 15.71013   | 13.41772  | 6.70211 |
| EQx 491 | 491 | 0.00 | 0.00 | 14.60896   | 14.60896  | 6.70211 |
| EQx 492 | 492 | 0.00 | 0.00 | 13.41772   | 15.71013  | 6.70211 |
| EQx 493 | 493 | 0.00 | 0.00 | 12.14375   | 16.71444  | 6.70211 |
| EQx 494 | 494 | 0.00 | 0.00 | 10.79492   | 17.61571  | 6.70211 |
| EQx 495 | 495 | 0.00 | 0.00 | 9.37953    | 18.40836  | 6.70211 |
| EQx 496 | 496 | 0.00 | 0.00 | 7.90631    | 19.08753  | 6.70211 |
| EQx 497 | 497 | 0.00 | 0.00 | 6.38435    | 19.64901  | 6.70211 |
| EQx 498 | 498 | 0.00 | 0.00 | 4.82303    | 20.08935  | 6.70211 |
| EQx 499 | 499 | 0.00 | 0.00 | 3.23197    | 20.40583  | 6.70211 |
| EQx 500 | 500 | 0.00 | 0.00 | 1.62098    | 20.59650  | 6.70211 |
| EQx 501 | 501 | 0.00 | 0.00 | 1.265E-15  | 20.66019  | 6.70211 |
| EQx 502 | 502 | 0.00 | 0.00 | -1.62098   | 20.59650  | 6.70211 |
| EQx 503 | 503 | 0.00 | 0.00 | -3.23197   | 20.40583  | 6.70211 |
| EQx 504 | 504 | 0.00 | 0.00 | -4.82303   | 20.08935  | 6.70211 |
| EQx 505 | 505 | 0.00 | 0.00 | -6.38435   | 19.64901  | 6.70211 |
| EQx 506 | 506 | 0.00 | 0.00 | -7.90631   | 19.08753  | 6.70211 |
| EQx 507 | 507 | 0.00 | 0.00 | -9.37953   | 18.40836  | 6.70211 |
| EQx 508 | 508 | 0.00 | 0.00 | -10.79492  | 17.61571  | 6.70211 |
| EQx 509 | 509 | 0.00 | 0.00 | -12.14375  | 16.71444  | 6.70211 |
| EQx 510 | 510 | 0.00 | 0.00 | -13.41772  | 15.71013  | 6.70211 |
| EQx 511 | 511 | 0.00 | 0.00 | -14.60896  | 14.60896  | 6.70211 |
| EQx 512 | 512 | 0.00 | 0.00 | -15.71013  | 13.41772  | 6.70211 |
| EQx 513 | 513 | 0.00 | 0.00 | -16.71444  | 12.14375  | 6.70211 |
| EQx 514 | 514 | 0.00 | 0.00 | -17.61571  | 10.79492  | 6.70211 |
| EQx 515 | 515 | 0.00 | 0.00 | -18.40836  | 9.37953   | 6.70211 |
| EQx 516 | 516 | 0.00 | 0.00 | -19.08753  | 7.90631   | 6.70211 |
| EQx 517 | 517 | 0.00 | 0.00 | -19.64901  | 6.38435   | 6.70211 |
| EQx 518 | 518 | 0.00 | 0.00 | -20.08935  | 4.82303   | 6.70211 |
| EQx 519 | 519 | 0.00 | 0.00 | -20.40583  | 3.23197   | 6.70211 |
| EQx 520 | 520 | 0.00 | 0.00 | -20.59650  | 1.62098   | 6.70211 |
| EQx 521 | 521 | 0.00 | 0.00 | -20.66019  | 2.530E-15 | 6.70211 |
| EQx 522 | 522 | 0.00 | 0.00 | -20.59650  | -1.62098  | 6.70211 |
| EQx 523 | 523 | 0.00 | 0.00 | -20.40583  | -3.23197  | 6.70211 |
| EQx 524 | 524 | 0.00 | 0.00 | -20.08935  | -4.82303  | 6.70211 |
| EQx 525 | 525 | 0.00 | 0.00 | -19.64901  | -6.38435  | 6.70211 |
| EQx 526 | 526 | 0.00 | 0.00 | -19.08753  | -7.90631  | 6.70211 |
| EQx 527 | 527 | 0.00 | 0.00 | -18.40836  | -9.37953  | 6.70211 |
| EQx 528 | 528 | 0.00 | 0.00 | -17.61571  | -10.79492 | 6.70211 |
| EQx 529 | 529 | 0.00 | 0.00 | -16.71444  | -12.14375 | 6.70211 |
| EQx 530 | 530 | 0.00 | 0.00 | -15.71013  | -13.41772 | 6.70211 |
| EQx 531 | 531 | 0.00 | 0.00 | -14.60896  | -14.60896 | 6.70211 |
| EQx 532 | 532 | 0.00 | 0.00 | -13.41772  | -15.71013 | 6.70211 |
| EQx 533 | 533 | 0.00 | 0.00 | -12.14375  | -16.71444 | 6.70211 |
| EQx 534 | 534 | 0.00 | 0.00 | -10.79492  | -17.61571 | 6.70211 |
| EQx 535 | 535 | 0.00 | 0.00 | -9.37953   | -18.40836 | 6.70211 |
| EQx 536 | 536 | 0.00 | 0.00 | -7.90631   | -19.08753 | 6.70211 |
| EQx 537 | 537 | 0.00 | 0.00 | -6.38435   | -19.64901 | 6.70211 |
| EQx 538 | 538 | 0.00 | 0.00 | -4.82303   | -20.08935 | 6.70211 |
| EQx 539 | 539 | 0.00 | 0.00 | -3.23197   | -20.40583 | 6.70211 |
| EQx 540 | 540 | 0.00 | 0.00 | -1.62098   | -20.59650 | 6.70211 |
| EQx 541 | 541 | 0.00 | 0.00 | -3.795E-15 | -20.66019 | 6.70211 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|         |     |      |      |            |           |         |
|---------|-----|------|------|------------|-----------|---------|
| EQx 542 | 542 | 0.00 | 0.00 | 1.62098    | -20.59650 | 6.70211 |
| EQx 543 | 543 | 0.00 | 0.00 | 3.23197    | -20.40583 | 6.70211 |
| EQx 544 | 544 | 0.00 | 0.00 | 4.82303    | -20.08935 | 6.70211 |
| EQx 545 | 545 | 0.00 | 0.00 | 6.38435    | -19.64901 | 6.70211 |
| EQx 546 | 546 | 0.00 | 0.00 | 7.90631    | -19.08753 | 6.70211 |
| EQx 547 | 547 | 0.00 | 0.00 | 9.37953    | -18.40836 | 6.70211 |
| EQx 548 | 548 | 0.00 | 0.00 | 10.79492   | -17.61571 | 6.70211 |
| EQx 549 | 549 | 0.00 | 0.00 | 12.14375   | -16.71444 | 6.70211 |
| EQx 550 | 550 | 0.00 | 0.00 | 13.41772   | -15.71013 | 6.70211 |
| EQx 551 | 551 | 0.00 | 0.00 | 14.60896   | -14.60896 | 6.70211 |
| EQx 552 | 552 | 0.00 | 0.00 | 15.71013   | -13.41772 | 6.70211 |
| EQx 553 | 553 | 0.00 | 0.00 | 16.71444   | -12.14375 | 6.70211 |
| EQx 554 | 554 | 0.00 | 0.00 | 17.61571   | -10.79492 | 6.70211 |
| EQx 555 | 555 | 0.00 | 0.00 | 18.40836   | -9.37953  | 6.70211 |
| EQx 556 | 556 | 0.00 | 0.00 | 19.08753   | -7.90631  | 6.70211 |
| EQx 557 | 557 | 0.00 | 0.00 | 19.64901   | -6.38435  | 6.70211 |
| EQx 558 | 558 | 0.00 | 0.00 | 20.08935   | -4.82303  | 6.70211 |
| EQx 559 | 559 | 0.00 | 0.00 | 20.40583   | -3.23197  | 6.70211 |
| EQx 560 | 560 | 0.00 | 0.00 | 20.59650   | -1.62098  | 6.70211 |
| EQx 561 | 561 | 0.00 | 0.00 | 18.64486   | 1.46738   | 7.54060 |
| EQx 562 | 562 | 0.00 | 0.00 | 18.70251   | 0.00000   | 7.54060 |
| EQx 563 | 563 | 0.00 | 0.00 | 18.47225   | 2.92572   | 7.54060 |
| EQx 564 | 564 | 0.00 | 0.00 | 18.18576   | 4.36601   | 7.54060 |
| EQx 565 | 565 | 0.00 | 0.00 | 17.78715   | 5.77939   | 7.54060 |
| EQx 566 | 566 | 0.00 | 0.00 | 17.27887   | 7.15714   | 7.54060 |
| EQx 567 | 567 | 0.00 | 0.00 | 16.66406   | 8.49076   | 7.54060 |
| EQx 568 | 568 | 0.00 | 0.00 | 15.94651   | 9.77204   | 7.54060 |
| EQx 569 | 569 | 0.00 | 0.00 | 15.13065   | 10.99306  | 7.54060 |
| EQx 570 | 570 | 0.00 | 0.00 | 14.22150   | 12.14631  | 7.54060 |
| EQx 571 | 571 | 0.00 | 0.00 | 13.22467   | 13.22467  | 7.54060 |
| EQx 572 | 572 | 0.00 | 0.00 | 12.14631   | 14.22150  | 7.54060 |
| EQx 573 | 573 | 0.00 | 0.00 | 10.99306   | 15.13065  | 7.54060 |
| EQx 574 | 574 | 0.00 | 0.00 | 9.77204    | 15.94651  | 7.54060 |
| EQx 575 | 575 | 0.00 | 0.00 | 8.49076    | 16.66406  | 7.54060 |
| EQx 576 | 576 | 0.00 | 0.00 | 7.15714    | 17.27887  | 7.54060 |
| EQx 577 | 577 | 0.00 | 0.00 | 5.77939    | 17.78715  | 7.54060 |
| EQx 578 | 578 | 0.00 | 0.00 | 4.36601    | 18.18576  | 7.54060 |
| EQx 579 | 579 | 0.00 | 0.00 | 2.92572    | 18.47225  | 7.54060 |
| EQx 580 | 580 | 0.00 | 0.00 | 1.46738    | 18.64486  | 7.54060 |
| EQx 581 | 581 | 0.00 | 0.00 | 1.145E-15  | 18.70251  | 7.54060 |
| EQx 582 | 582 | 0.00 | 0.00 | -1.46738   | 18.64486  | 7.54060 |
| EQx 583 | 583 | 0.00 | 0.00 | -2.92572   | 18.47225  | 7.54060 |
| EQx 584 | 584 | 0.00 | 0.00 | -4.36601   | 18.18576  | 7.54060 |
| EQx 585 | 585 | 0.00 | 0.00 | -5.77939   | 17.78715  | 7.54060 |
| EQx 586 | 586 | 0.00 | 0.00 | -7.15714   | 17.27887  | 7.54060 |
| EQx 587 | 587 | 0.00 | 0.00 | -8.49076   | 16.66406  | 7.54060 |
| EQx 588 | 588 | 0.00 | 0.00 | -9.77204   | 15.94651  | 7.54060 |
| EQx 589 | 589 | 0.00 | 0.00 | -10.99306  | 15.13065  | 7.54060 |
| EQx 590 | 590 | 0.00 | 0.00 | -12.14631  | 14.22150  | 7.54060 |
| EQx 591 | 591 | 0.00 | 0.00 | -13.22467  | 13.22467  | 7.54060 |
| EQx 592 | 592 | 0.00 | 0.00 | -14.22150  | 12.14631  | 7.54060 |
| EQx 593 | 593 | 0.00 | 0.00 | -15.13065  | 10.99306  | 7.54060 |
| EQx 594 | 594 | 0.00 | 0.00 | -15.94651  | 9.77204   | 7.54060 |
| EQx 595 | 595 | 0.00 | 0.00 | -16.66406  | 8.49076   | 7.54060 |
| EQx 596 | 596 | 0.00 | 0.00 | -17.27887  | 7.15714   | 7.54060 |
| EQx 597 | 597 | 0.00 | 0.00 | -17.78715  | 5.77939   | 7.54060 |
| EQx 598 | 598 | 0.00 | 0.00 | -18.18576  | 4.36601   | 7.54060 |
| EQx 599 | 599 | 0.00 | 0.00 | -18.47225  | 2.92572   | 7.54060 |
| EQx 600 | 600 | 0.00 | 0.00 | -18.64486  | 1.46738   | 7.54060 |
| EQx 601 | 601 | 0.00 | 0.00 | -18.70251  | 2.290E-15 | 7.54060 |
| EQx 602 | 602 | 0.00 | 0.00 | -18.64486  | -1.46738  | 7.54060 |
| EQx 603 | 603 | 0.00 | 0.00 | -18.47225  | -2.92572  | 7.54060 |
| EQx 604 | 604 | 0.00 | 0.00 | -18.18576  | -4.36601  | 7.54060 |
| EQx 605 | 605 | 0.00 | 0.00 | -17.78715  | -5.77939  | 7.54060 |
| EQx 606 | 606 | 0.00 | 0.00 | -17.27887  | -7.15714  | 7.54060 |
| EQx 607 | 607 | 0.00 | 0.00 | -16.66406  | -8.49076  | 7.54060 |
| EQx 608 | 608 | 0.00 | 0.00 | -15.94651  | -9.77204  | 7.54060 |
| EQx 609 | 609 | 0.00 | 0.00 | -15.13065  | -10.99306 | 7.54060 |
| EQx 610 | 610 | 0.00 | 0.00 | -14.22150  | -12.14631 | 7.54060 |
| EQx 611 | 611 | 0.00 | 0.00 | -13.22467  | -13.22467 | 7.54060 |
| EQx 612 | 612 | 0.00 | 0.00 | -12.14631  | -14.22150 | 7.54060 |
| EQx 613 | 613 | 0.00 | 0.00 | -10.99306  | -15.13065 | 7.54060 |
| EQx 614 | 614 | 0.00 | 0.00 | -9.77204   | -15.94651 | 7.54060 |
| EQx 615 | 615 | 0.00 | 0.00 | -8.49076   | -16.66406 | 7.54060 |
| EQx 616 | 616 | 0.00 | 0.00 | -7.15714   | -17.27887 | 7.54060 |
| EQx 617 | 617 | 0.00 | 0.00 | -5.77939   | -17.78715 | 7.54060 |
| EQx 618 | 618 | 0.00 | 0.00 | -4.36601   | -18.18576 | 7.54060 |
| EQx 619 | 619 | 0.00 | 0.00 | -2.92572   | -18.47225 | 7.54060 |
| EQx 620 | 620 | 0.00 | 0.00 | -1.46738   | -18.64486 | 7.54060 |
| EQx 621 | 621 | 0.00 | 0.00 | -3.435E-15 | -18.70251 | 7.54060 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 45 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|         |     |      |      |            |           |         |
|---------|-----|------|------|------------|-----------|---------|
| EQx 622 | 622 | 0.00 | 0.00 | 1.46738    | -18.64486 | 7.54060 |
| EQx 623 | 623 | 0.00 | 0.00 | 2.92572    | -18.47225 | 7.54060 |
| EQx 624 | 624 | 0.00 | 0.00 | 4.36601    | -18.18576 | 7.54060 |
| EQx 625 | 625 | 0.00 | 0.00 | 5.77939    | -17.78715 | 7.54060 |
| EQx 626 | 626 | 0.00 | 0.00 | 7.15714    | -17.27887 | 7.54060 |
| EQx 627 | 627 | 0.00 | 0.00 | 8.49076    | -16.66406 | 7.54060 |
| EQx 628 | 628 | 0.00 | 0.00 | 9.77204    | -15.94651 | 7.54060 |
| EQx 629 | 629 | 0.00 | 0.00 | 10.99306   | -15.13065 | 7.54060 |
| EQx 630 | 630 | 0.00 | 0.00 | 12.14631   | -14.22150 | 7.54060 |
| EQx 631 | 631 | 0.00 | 0.00 | 13.22467   | -13.22467 | 7.54060 |
| EQx 632 | 632 | 0.00 | 0.00 | 14.22150   | -12.14631 | 7.54060 |
| EQx 633 | 633 | 0.00 | 0.00 | 15.13065   | -10.99306 | 7.54060 |
| EQx 634 | 634 | 0.00 | 0.00 | 15.94651   | -9.77204  | 7.54060 |
| EQx 635 | 635 | 0.00 | 0.00 | 16.66406   | -8.49076  | 7.54060 |
| EQx 636 | 636 | 0.00 | 0.00 | 17.27887   | -7.15714  | 7.54060 |
| EQx 637 | 637 | 0.00 | 0.00 | 17.78715   | -5.77939  | 7.54060 |
| EQx 638 | 638 | 0.00 | 0.00 | 18.18576   | -4.36601  | 7.54060 |
| EQx 639 | 639 | 0.00 | 0.00 | 18.47225   | -2.92572  | 7.54060 |
| EQx 640 | 640 | 0.00 | 0.00 | 18.64486   | -1.46738  | 7.54060 |
| EQx 641 | 641 | 0.00 | 0.00 | 16.65939   | 1.31112   | 8.29496 |
| EQx 642 | 642 | 0.00 | 0.00 | 16.71091   | 0.00000   | 8.29496 |
| EQx 643 | 643 | 0.00 | 0.00 | 16.50517   | 2.61416   | 8.29496 |
| EQx 644 | 644 | 0.00 | 0.00 | 16.24918   | 3.90108   | 8.29496 |
| EQx 645 | 645 | 0.00 | 0.00 | 15.89302   | 5.16395   | 8.29496 |
| EQx 646 | 646 | 0.00 | 0.00 | 15.43886   | 6.39499   | 8.29496 |
| EQx 647 | 647 | 0.00 | 0.00 | 14.88953   | 7.58659   | 8.29496 |
| EQx 648 | 648 | 0.00 | 0.00 | 14.24839   | 8.73142   | 8.29496 |
| EQx 649 | 649 | 0.00 | 0.00 | 13.51941   | 9.82242   | 8.29496 |
| EQx 650 | 650 | 0.00 | 0.00 | 12.70707   | 10.85287  | 8.29496 |
| EQx 651 | 651 | 0.00 | 0.00 | 11.81640   | 11.81640  | 8.29496 |
| EQx 652 | 652 | 0.00 | 0.00 | 10.85287   | 12.70707  | 8.29496 |
| EQx 653 | 653 | 0.00 | 0.00 | 9.82242    | 13.51941  | 8.29496 |
| EQx 654 | 654 | 0.00 | 0.00 | 8.73142    | 14.24839  | 8.29496 |
| EQx 655 | 655 | 0.00 | 0.00 | 7.58659    | 14.88953  | 8.29496 |
| EQx 656 | 656 | 0.00 | 0.00 | 6.39499    | 15.43886  | 8.29496 |
| EQx 657 | 657 | 0.00 | 0.00 | 5.16395    | 15.89302  | 8.29496 |
| EQx 658 | 658 | 0.00 | 0.00 | 3.90108    | 16.24918  | 8.29496 |
| EQx 659 | 659 | 0.00 | 0.00 | 2.61416    | 16.50517  | 8.29496 |
| EQx 660 | 660 | 0.00 | 0.00 | 1.31112    | 16.65939  | 8.29496 |
| EQx 661 | 661 | 0.00 | 0.00 | 1.023E-15  | 16.71091  | 8.29496 |
| EQx 662 | 662 | 0.00 | 0.00 | -1.31112   | 16.65939  | 8.29496 |
| EQx 663 | 663 | 0.00 | 0.00 | -2.61416   | 16.50517  | 8.29496 |
| EQx 664 | 664 | 0.00 | 0.00 | -3.90108   | 16.24918  | 8.29496 |
| EQx 665 | 665 | 0.00 | 0.00 | -5.16395   | 15.89302  | 8.29496 |
| EQx 666 | 666 | 0.00 | 0.00 | -6.39499   | 15.43886  | 8.29496 |
| EQx 667 | 667 | 0.00 | 0.00 | -7.58659   | 14.88953  | 8.29496 |
| EQx 668 | 668 | 0.00 | 0.00 | -8.73142   | 14.24839  | 8.29496 |
| EQx 669 | 669 | 0.00 | 0.00 | -9.82242   | 13.51941  | 8.29496 |
| EQx 670 | 670 | 0.00 | 0.00 | -10.85287  | 12.70707  | 8.29496 |
| EQx 671 | 671 | 0.00 | 0.00 | -11.81640  | 11.81640  | 8.29496 |
| EQx 672 | 672 | 0.00 | 0.00 | -12.70707  | 10.85287  | 8.29496 |
| EQx 673 | 673 | 0.00 | 0.00 | -13.51941  | 9.82242   | 8.29496 |
| EQx 674 | 674 | 0.00 | 0.00 | -14.24839  | 8.73142   | 8.29496 |
| EQx 675 | 675 | 0.00 | 0.00 | -14.88953  | 7.58659   | 8.29496 |
| EQx 676 | 676 | 0.00 | 0.00 | -15.43886  | 6.39499   | 8.29496 |
| EQx 677 | 677 | 0.00 | 0.00 | -15.89302  | 5.16395   | 8.29496 |
| EQx 678 | 678 | 0.00 | 0.00 | -16.24918  | 3.90108   | 8.29496 |
| EQx 679 | 679 | 0.00 | 0.00 | -16.50517  | 2.61416   | 8.29496 |
| EQx 680 | 680 | 0.00 | 0.00 | -16.65939  | 1.31112   | 8.29496 |
| EQx 681 | 681 | 0.00 | 0.00 | -16.71091  | 2.046E-15 | 8.29496 |
| EQx 682 | 682 | 0.00 | 0.00 | -16.65939  | -1.31112  | 8.29496 |
| EQx 683 | 683 | 0.00 | 0.00 | -16.50517  | -2.61416  | 8.29496 |
| EQx 684 | 684 | 0.00 | 0.00 | -16.24918  | -3.90108  | 8.29496 |
| EQx 685 | 685 | 0.00 | 0.00 | -15.89302  | -5.16395  | 8.29496 |
| EQx 686 | 686 | 0.00 | 0.00 | -15.43886  | -6.39499  | 8.29496 |
| EQx 687 | 687 | 0.00 | 0.00 | -14.88953  | -7.58659  | 8.29496 |
| EQx 688 | 688 | 0.00 | 0.00 | -14.24839  | -8.73142  | 8.29496 |
| EQx 689 | 689 | 0.00 | 0.00 | -13.51941  | -9.82242  | 8.29496 |
| EQx 690 | 690 | 0.00 | 0.00 | -12.70707  | -10.85287 | 8.29496 |
| EQx 691 | 691 | 0.00 | 0.00 | -11.81640  | -11.81640 | 8.29496 |
| EQx 692 | 692 | 0.00 | 0.00 | -10.85287  | -12.70707 | 8.29496 |
| EQx 693 | 693 | 0.00 | 0.00 | -9.82242   | -13.51941 | 8.29496 |
| EQx 694 | 694 | 0.00 | 0.00 | -8.73142   | -14.24839 | 8.29496 |
| EQx 695 | 695 | 0.00 | 0.00 | -7.58659   | -14.88953 | 8.29496 |
| EQx 696 | 696 | 0.00 | 0.00 | -6.39499   | -15.43886 | 8.29496 |
| EQx 697 | 697 | 0.00 | 0.00 | -5.16395   | -15.89302 | 8.29496 |
| EQx 698 | 698 | 0.00 | 0.00 | -3.90108   | -16.24918 | 8.29496 |
| EQx 699 | 699 | 0.00 | 0.00 | -2.61416   | -16.50517 | 8.29496 |
| EQx 700 | 700 | 0.00 | 0.00 | -1.31112   | -16.65939 | 8.29496 |
| EQx 701 | 701 | 0.00 | 0.00 | -3.070E-15 | -16.71091 | 8.29496 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|         |     |      |      |            |           |         |
|---------|-----|------|------|------------|-----------|---------|
| EQx 702 | 702 | 0.00 | 0.00 | 1.31112    | -16.65939 | 8.29496 |
| EQx 703 | 703 | 0.00 | 0.00 | 2.61416    | -16.50517 | 8.29496 |
| EQx 704 | 704 | 0.00 | 0.00 | 3.90108    | -16.24918 | 8.29496 |
| EQx 705 | 705 | 0.00 | 0.00 | 5.16395    | -15.89302 | 8.29496 |
| EQx 706 | 706 | 0.00 | 0.00 | 6.39499    | -15.43886 | 8.29496 |
| EQx 707 | 707 | 0.00 | 0.00 | 7.58659    | -14.88953 | 8.29496 |
| EQx 708 | 708 | 0.00 | 0.00 | 8.73142    | -14.24839 | 8.29496 |
| EQx 709 | 709 | 0.00 | 0.00 | 9.82242    | -13.51941 | 8.29496 |
| EQx 710 | 710 | 0.00 | 0.00 | 10.85287   | -12.70707 | 8.29496 |
| EQx 711 | 711 | 0.00 | 0.00 | 11.81640   | -11.81640 | 8.29496 |
| EQx 712 | 712 | 0.00 | 0.00 | 12.70707   | -10.85287 | 8.29496 |
| EQx 713 | 713 | 0.00 | 0.00 | 13.51941   | -9.82242  | 8.29496 |
| EQx 714 | 714 | 0.00 | 0.00 | 14.24839   | -8.73142  | 8.29496 |
| EQx 715 | 715 | 0.00 | 0.00 | 14.88953   | -7.58659  | 8.29496 |
| EQx 716 | 716 | 0.00 | 0.00 | 15.43886   | -6.39499  | 8.29496 |
| EQx 717 | 717 | 0.00 | 0.00 | 15.89302   | -5.16395  | 8.29496 |
| EQx 718 | 718 | 0.00 | 0.00 | 16.24918   | -3.90108  | 8.29496 |
| EQx 719 | 719 | 0.00 | 0.00 | 16.50517   | -2.61416  | 8.29496 |
| EQx 720 | 720 | 0.00 | 0.00 | 16.65939   | -1.31112  | 8.29496 |
| EQx 721 | 721 | 0.00 | 0.00 | 14.64370   | 1.15248   | 8.96383 |
| EQx 722 | 722 | 0.00 | 0.00 | 14.68898   | 0.00000   | 8.96383 |
| EQx 723 | 723 | 0.00 | 0.00 | 14.50814   | 2.29786   | 8.96383 |
| EQx 724 | 724 | 0.00 | 0.00 | 14.28313   | 3.42908   | 8.96383 |
| EQx 725 | 725 | 0.00 | 0.00 | 13.97005   | 4.53915   | 8.96383 |
| EQx 726 | 726 | 0.00 | 0.00 | 13.57085   | 5.62123   | 8.96383 |
| EQx 727 | 727 | 0.00 | 0.00 | 13.08798   | 6.66866   | 8.96383 |
| EQx 728 | 728 | 0.00 | 0.00 | 12.52442   | 7.67497   | 8.96383 |
| EQx 729 | 729 | 0.00 | 0.00 | 11.88364   | 8.63397   | 8.96383 |
| EQx 730 | 730 | 0.00 | 0.00 | 11.16959   | 9.53973   | 8.96383 |
| EQx 731 | 731 | 0.00 | 0.00 | 10.38668   | 10.38668  | 8.96383 |
| EQx 732 | 732 | 0.00 | 0.00 | 9.53973    | 11.16959  | 8.96383 |
| EQx 733 | 733 | 0.00 | 0.00 | 8.63397    | 11.88364  | 8.96383 |
| EQx 734 | 734 | 0.00 | 0.00 | 7.67497    | 12.52442  | 8.96383 |
| EQx 735 | 735 | 0.00 | 0.00 | 6.66866    | 13.08798  | 8.96383 |
| EQx 736 | 736 | 0.00 | 0.00 | 5.62123    | 13.57085  | 8.96383 |
| EQx 737 | 737 | 0.00 | 0.00 | 4.53915    | 13.97005  | 8.96383 |
| EQx 738 | 738 | 0.00 | 0.00 | 3.42908    | 14.28313  | 8.96383 |
| EQx 739 | 739 | 0.00 | 0.00 | 2.29786    | 14.50814  | 8.96383 |
| EQx 740 | 740 | 0.00 | 0.00 | 1.15248    | 14.64370  | 8.96383 |
| EQx 741 | 741 | 0.00 | 0.00 | 8.994E-16  | 14.68898  | 8.96383 |
| EQx 742 | 742 | 0.00 | 0.00 | -1.15248   | 14.64370  | 8.96383 |
| EQx 743 | 743 | 0.00 | 0.00 | -2.29786   | 14.50814  | 8.96383 |
| EQx 744 | 744 | 0.00 | 0.00 | -3.42908   | 14.28313  | 8.96383 |
| EQx 745 | 745 | 0.00 | 0.00 | -4.53915   | 13.97005  | 8.96383 |
| EQx 746 | 746 | 0.00 | 0.00 | -5.62123   | 13.57085  | 8.96383 |
| EQx 747 | 747 | 0.00 | 0.00 | -6.66866   | 13.08798  | 8.96383 |
| EQx 748 | 748 | 0.00 | 0.00 | -7.67497   | 12.52442  | 8.96383 |
| EQx 749 | 749 | 0.00 | 0.00 | -8.63397   | 11.88364  | 8.96383 |
| EQx 750 | 750 | 0.00 | 0.00 | -9.53973   | 11.16959  | 8.96383 |
| EQx 751 | 751 | 0.00 | 0.00 | -10.38668  | 10.38668  | 8.96383 |
| EQx 752 | 752 | 0.00 | 0.00 | -11.16959  | 9.53973   | 8.96383 |
| EQx 753 | 753 | 0.00 | 0.00 | -11.88364  | 8.63397   | 8.96383 |
| EQx 754 | 754 | 0.00 | 0.00 | -12.52442  | 7.67497   | 8.96383 |
| EQx 755 | 755 | 0.00 | 0.00 | -13.08798  | 6.66866   | 8.96383 |
| EQx 756 | 756 | 0.00 | 0.00 | -13.57085  | 5.62123   | 8.96383 |
| EQx 757 | 757 | 0.00 | 0.00 | -13.97005  | 4.53915   | 8.96383 |
| EQx 758 | 758 | 0.00 | 0.00 | -14.28313  | 3.42908   | 8.96383 |
| EQx 759 | 759 | 0.00 | 0.00 | -14.50814  | 2.29786   | 8.96383 |
| EQx 760 | 760 | 0.00 | 0.00 | -14.64370  | 1.15248   | 8.96383 |
| EQx 761 | 761 | 0.00 | 0.00 | -14.68898  | 1.799E-15 | 8.96383 |
| EQx 762 | 762 | 0.00 | 0.00 | -14.64370  | -1.15248  | 8.96383 |
| EQx 763 | 763 | 0.00 | 0.00 | -14.50814  | -2.29786  | 8.96383 |
| EQx 764 | 764 | 0.00 | 0.00 | -14.28313  | -3.42908  | 8.96383 |
| EQx 765 | 765 | 0.00 | 0.00 | -13.97005  | -4.53915  | 8.96383 |
| EQx 766 | 766 | 0.00 | 0.00 | -13.57085  | -5.62123  | 8.96383 |
| EQx 767 | 767 | 0.00 | 0.00 | -13.08798  | -6.66866  | 8.96383 |
| EQx 768 | 768 | 0.00 | 0.00 | -12.52442  | -7.67497  | 8.96383 |
| EQx 769 | 769 | 0.00 | 0.00 | -11.88364  | -8.63397  | 8.96383 |
| EQx 770 | 770 | 0.00 | 0.00 | -11.16959  | -9.53973  | 8.96383 |
| EQx 771 | 771 | 0.00 | 0.00 | -10.38668  | -10.38668 | 8.96383 |
| EQx 772 | 772 | 0.00 | 0.00 | -9.53973   | -11.16959 | 8.96383 |
| EQx 773 | 773 | 0.00 | 0.00 | -8.63397   | -11.88364 | 8.96383 |
| EQx 774 | 774 | 0.00 | 0.00 | -7.67497   | -12.52442 | 8.96383 |
| EQx 775 | 775 | 0.00 | 0.00 | -6.66866   | -13.08798 | 8.96383 |
| EQx 776 | 776 | 0.00 | 0.00 | -5.62123   | -13.57085 | 8.96383 |
| EQx 777 | 777 | 0.00 | 0.00 | -4.53915   | -13.97005 | 8.96383 |
| EQx 778 | 778 | 0.00 | 0.00 | -3.42908   | -14.28313 | 8.96383 |
| EQx 779 | 779 | 0.00 | 0.00 | -2.29786   | -14.50814 | 8.96383 |
| EQx 780 | 780 | 0.00 | 0.00 | -1.15248   | -14.64370 | 8.96383 |
| EQx 781 | 781 | 0.00 | 0.00 | -2.698E-15 | -14.68898 | 8.96383 |



## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Project No.      Rev.

PJ.073              0

Date: 17.05.2005

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

Sheet 47 of 70

|     |     |     |      |      |            |           |         |
|-----|-----|-----|------|------|------------|-----------|---------|
| EQx | 782 | 782 | 0.00 | 0.00 | 1.15248    | -14.64370 | 8.96383 |
| EQx | 783 | 783 | 0.00 | 0.00 | 2.29786    | -14.50814 | 8.96383 |
| EQx | 784 | 784 | 0.00 | 0.00 | 3.42908    | -14.28313 | 8.96383 |
| EQx | 785 | 785 | 0.00 | 0.00 | 4.53915    | -13.97005 | 8.96383 |
| EQx | 786 | 786 | 0.00 | 0.00 | 5.62123    | -13.57085 | 8.96383 |
| EQx | 787 | 787 | 0.00 | 0.00 | 6.66866    | -13.08798 | 8.96383 |
| EQx | 788 | 788 | 0.00 | 0.00 | 7.67497    | -12.52442 | 8.96383 |
| EQx | 789 | 789 | 0.00 | 0.00 | 8.63397    | -11.88364 | 8.96383 |
| EQx | 790 | 790 | 0.00 | 0.00 | 9.53973    | -11.16959 | 8.96383 |
| EQx | 791 | 791 | 0.00 | 0.00 | 10.38668   | -10.38668 | 8.96383 |
| EQx | 792 | 792 | 0.00 | 0.00 | 11.16959   | -9.53973  | 8.96383 |
| EQx | 793 | 793 | 0.00 | 0.00 | 11.88364   | -8.63397  | 8.96383 |
| EQx | 794 | 794 | 0.00 | 0.00 | 12.52442   | -7.67497  | 8.96383 |
| EQx | 795 | 795 | 0.00 | 0.00 | 13.08798   | -6.66866  | 8.96383 |
| EQx | 796 | 796 | 0.00 | 0.00 | 13.57085   | -5.62123  | 8.96383 |
| EQx | 797 | 797 | 0.00 | 0.00 | 13.97005   | -4.53915  | 8.96383 |
| EQx | 798 | 798 | 0.00 | 0.00 | 14.28313   | -3.42908  | 8.96383 |
| EQx | 799 | 799 | 0.00 | 0.00 | 14.50814   | -2.29786  | 8.96383 |
| EQx | 800 | 800 | 0.00 | 0.00 | 14.64370   | -1.15248  | 8.96383 |
| EQx | 801 | 801 | 0.00 | 0.00 | 12.60144   | 0.99176   | 9.54600 |
| EQx | 802 | 802 | 0.00 | 0.00 | 12.64041   | 0.00000   | 9.54600 |
| EQx | 803 | 803 | 0.00 | 0.00 | 12.48479   | 1.97740   | 9.54600 |
| EQx | 804 | 804 | 0.00 | 0.00 | 12.29115   | 2.95085   | 9.54600 |
| EQx | 805 | 805 | 0.00 | 0.00 | 12.02174   | 3.90610   | 9.54600 |
| EQx | 806 | 806 | 0.00 | 0.00 | 11.67822   | 4.83728   | 9.54600 |
| EQx | 807 | 807 | 0.00 | 0.00 | 11.26269   | 5.73863   | 9.54600 |
| EQx | 808 | 808 | 0.00 | 0.00 | 10.77772   | 6.60460   | 9.54600 |
| EQx | 809 | 809 | 0.00 | 0.00 | 10.22631   | 7.42985   | 9.54600 |
| EQx | 810 | 810 | 0.00 | 0.00 | 9.61184    | 8.20929   | 9.54600 |
| EQx | 811 | 811 | 0.00 | 0.00 | 8.93812    | 8.93812   | 9.54600 |
| EQx | 812 | 812 | 0.00 | 0.00 | 8.20929    | 9.61184   | 9.54600 |
| EQx | 813 | 813 | 0.00 | 0.00 | 7.42985    | 10.22631  | 9.54600 |
| EQx | 814 | 814 | 0.00 | 0.00 | 6.60460    | 10.77772  | 9.54600 |
| EQx | 815 | 815 | 0.00 | 0.00 | 5.73863    | 11.26269  | 9.54600 |
| EQx | 816 | 816 | 0.00 | 0.00 | 4.83728    | 11.67822  | 9.54600 |
| EQx | 817 | 817 | 0.00 | 0.00 | 3.90610    | 12.02174  | 9.54600 |
| EQx | 818 | 818 | 0.00 | 0.00 | 2.95085    | 12.29115  | 9.54600 |
| EQx | 819 | 819 | 0.00 | 0.00 | 1.97740    | 12.48479  | 9.54600 |
| EQx | 820 | 820 | 0.00 | 0.00 | 0.99176    | 12.60144  | 9.54600 |
| EQx | 821 | 821 | 0.00 | 0.00 | 7.740E-16  | 12.64041  | 9.54600 |
| EQx | 822 | 822 | 0.00 | 0.00 | -0.99176   | 12.60144  | 9.54600 |
| EQx | 823 | 823 | 0.00 | 0.00 | -1.97740   | 12.48479  | 9.54600 |
| EQx | 824 | 824 | 0.00 | 0.00 | -2.95085   | 12.29115  | 9.54600 |
| EQx | 825 | 825 | 0.00 | 0.00 | -3.90610   | 12.02174  | 9.54600 |
| EQx | 826 | 826 | 0.00 | 0.00 | -4.83728   | 11.67822  | 9.54600 |
| EQx | 827 | 827 | 0.00 | 0.00 | -5.73863   | 11.26269  | 9.54600 |
| EQx | 828 | 828 | 0.00 | 0.00 | -6.60460   | 10.77772  | 9.54600 |
| EQx | 829 | 829 | 0.00 | 0.00 | -7.42985   | 10.22631  | 9.54600 |
| EQx | 830 | 830 | 0.00 | 0.00 | -8.20929   | 9.61184   | 9.54600 |
| EQx | 831 | 831 | 0.00 | 0.00 | -8.93812   | 8.93812   | 9.54600 |
| EQx | 832 | 832 | 0.00 | 0.00 | -9.61184   | 8.20929   | 9.54600 |
| EQx | 833 | 833 | 0.00 | 0.00 | -10.22631  | 7.42985   | 9.54600 |
| EQx | 834 | 834 | 0.00 | 0.00 | -10.77772  | 6.60460   | 9.54600 |
| EQx | 835 | 835 | 0.00 | 0.00 | -11.26269  | 5.73863   | 9.54600 |
| EQx | 836 | 836 | 0.00 | 0.00 | -11.67822  | 4.83728   | 9.54600 |
| EQx | 837 | 837 | 0.00 | 0.00 | -12.02174  | 3.90610   | 9.54600 |
| EQx | 838 | 838 | 0.00 | 0.00 | -12.29115  | 2.95085   | 9.54600 |
| EQx | 839 | 839 | 0.00 | 0.00 | -12.48479  | 1.97740   | 9.54600 |
| EQx | 840 | 840 | 0.00 | 0.00 | -12.60144  | 0.99176   | 9.54600 |
| EQx | 841 | 841 | 0.00 | 0.00 | -12.64041  | 1.548E-15 | 9.54600 |
| EQx | 842 | 842 | 0.00 | 0.00 | -12.60144  | -0.99176  | 9.54600 |
| EQx | 843 | 843 | 0.00 | 0.00 | -12.48479  | -1.97740  | 9.54600 |
| EQx | 844 | 844 | 0.00 | 0.00 | -12.29115  | -2.95085  | 9.54600 |
| EQx | 845 | 845 | 0.00 | 0.00 | -12.02174  | -3.90610  | 9.54600 |
| EQx | 846 | 846 | 0.00 | 0.00 | -11.67822  | -4.83728  | 9.54600 |
| EQx | 847 | 847 | 0.00 | 0.00 | -11.26269  | -5.73863  | 9.54600 |
| EQx | 848 | 848 | 0.00 | 0.00 | -10.77772  | -6.60460  | 9.54600 |
| EQx | 849 | 849 | 0.00 | 0.00 | -10.22631  | -7.42985  | 9.54600 |
| EQx | 850 | 850 | 0.00 | 0.00 | -9.61184   | -8.20929  | 9.54600 |
| EQx | 851 | 851 | 0.00 | 0.00 | -8.93812   | -8.93812  | 9.54600 |
| EQx | 852 | 852 | 0.00 | 0.00 | -8.20929   | -9.61184  | 9.54600 |
| EQx | 853 | 853 | 0.00 | 0.00 | -7.42985   | -10.22631 | 9.54600 |
| EQx | 854 | 854 | 0.00 | 0.00 | -6.60460   | -10.77772 | 9.54600 |
| EQx | 855 | 855 | 0.00 | 0.00 | -5.73863   | -11.26269 | 9.54600 |
| EQx | 856 | 856 | 0.00 | 0.00 | -4.83728   | -11.67822 | 9.54600 |
| EQx | 857 | 857 | 0.00 | 0.00 | -3.90610   | -12.02174 | 9.54600 |
| EQx | 858 | 858 | 0.00 | 0.00 | -2.95085   | -12.29115 | 9.54600 |
| EQx | 859 | 859 | 0.00 | 0.00 | -1.97740   | -12.48479 | 9.54600 |
| EQx | 860 | 860 | 0.00 | 0.00 | -0.99176   | -12.60144 | 9.54600 |
| EQx | 861 | 861 | 0.00 | 0.00 | -2.322E-15 | -12.64041 | 9.54600 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 48 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|         |     |      |      |            |           |          |
|---------|-----|------|------|------------|-----------|----------|
| EQx 862 | 862 | 0.00 | 0.00 | 0.99176    | -12.60144 | 9.54600  |
| EQx 863 | 863 | 0.00 | 0.00 | 1.97740    | -12.48479 | 9.54600  |
| EQx 864 | 864 | 0.00 | 0.00 | 2.95085    | -12.29115 | 9.54600  |
| EQx 865 | 865 | 0.00 | 0.00 | 3.90610    | -12.02174 | 9.54600  |
| EQx 866 | 866 | 0.00 | 0.00 | 4.83728    | -11.67822 | 9.54600  |
| EQx 867 | 867 | 0.00 | 0.00 | 5.73863    | -11.26269 | 9.54600  |
| EQx 868 | 868 | 0.00 | 0.00 | 6.60460    | -10.77772 | 9.54600  |
| EQx 869 | 869 | 0.00 | 0.00 | 7.42985    | -10.22631 | 9.54600  |
| EQx 870 | 870 | 0.00 | 0.00 | 8.20929    | -9.61184  | 9.54600  |
| EQx 871 | 871 | 0.00 | 0.00 | 8.93812    | -8.93812  | 9.54600  |
| EQx 872 | 872 | 0.00 | 0.00 | 9.61184    | -8.20929  | 9.54600  |
| EQx 873 | 873 | 0.00 | 0.00 | 10.22631   | -7.42985  | 9.54600  |
| EQx 874 | 874 | 0.00 | 0.00 | 10.77772   | -6.60460  | 9.54600  |
| EQx 875 | 875 | 0.00 | 0.00 | 11.26269   | -5.73863  | 9.54600  |
| EQx 876 | 876 | 0.00 | 0.00 | 11.67822   | -4.83728  | 9.54600  |
| EQx 877 | 877 | 0.00 | 0.00 | 12.02174   | -3.90610  | 9.54600  |
| EQx 878 | 878 | 0.00 | 0.00 | 12.29115   | -2.95085  | 9.54600  |
| EQx 879 | 879 | 0.00 | 0.00 | 12.48479   | -1.97740  | 9.54600  |
| EQx 880 | 880 | 0.00 | 0.00 | 12.60144   | -0.99176  | 9.54600  |
| EQx 881 | 881 | 0.00 | 0.00 | 10.53632   | 0.82923   | 10.04039 |
| EQx 882 | 882 | 0.00 | 0.00 | 10.56891   | 0.00000   | 10.04039 |
| EQx 883 | 883 | 0.00 | 0.00 | 10.43878   | 1.65334   | 10.04039 |
| EQx 884 | 884 | 0.00 | 0.00 | 10.27689   | 2.46726   | 10.04039 |
| EQx 885 | 885 | 0.00 | 0.00 | 10.05163   | 3.26597   | 10.04039 |
| EQx 886 | 886 | 0.00 | 0.00 | 9.76440    | 4.04454   | 10.04039 |
| EQx 887 | 887 | 0.00 | 0.00 | 9.41696    | 4.79818   | 10.04039 |
| EQx 888 | 888 | 0.00 | 0.00 | 9.01147    | 5.52224   | 10.04039 |
| EQx 889 | 889 | 0.00 | 0.00 | 8.55042    | 6.21225   | 10.04039 |
| EQx 890 | 890 | 0.00 | 0.00 | 8.03666    | 6.86395   | 10.04039 |
| EQx 891 | 891 | 0.00 | 0.00 | 7.47334    | 7.47334   | 10.04039 |
| EQx 892 | 892 | 0.00 | 0.00 | 6.86395    | 8.03666   | 10.04039 |
| EQx 893 | 893 | 0.00 | 0.00 | 6.21225    | 8.55042   | 10.04039 |
| EQx 894 | 894 | 0.00 | 0.00 | 5.52224    | 9.01147   | 10.04039 |
| EQx 895 | 895 | 0.00 | 0.00 | 4.79818    | 9.41696   | 10.04039 |
| EQx 896 | 896 | 0.00 | 0.00 | 4.04454    | 9.76440   | 10.04039 |
| EQx 897 | 897 | 0.00 | 0.00 | 3.26597    | 10.05163  | 10.04039 |
| EQx 898 | 898 | 0.00 | 0.00 | 2.46726    | 10.27689  | 10.04039 |
| EQx 899 | 899 | 0.00 | 0.00 | 1.65334    | 10.43878  | 10.04039 |
| EQx 900 | 900 | 0.00 | 0.00 | 0.82923    | 10.53632  | 10.04039 |
| EQx 901 | 901 | 0.00 | 0.00 | 6.471E-16  | 10.56891  | 10.04039 |
| EQx 902 | 902 | 0.00 | 0.00 | -0.82923   | 10.53632  | 10.04039 |
| EQx 903 | 903 | 0.00 | 0.00 | -1.65334   | 10.43878  | 10.04039 |
| EQx 904 | 904 | 0.00 | 0.00 | -2.46726   | 10.27689  | 10.04039 |
| EQx 905 | 905 | 0.00 | 0.00 | -3.26597   | 10.05163  | 10.04039 |
| EQx 906 | 906 | 0.00 | 0.00 | -4.04454   | 9.76440   | 10.04039 |
| EQx 907 | 907 | 0.00 | 0.00 | -4.79818   | 9.41696   | 10.04039 |
| EQx 908 | 908 | 0.00 | 0.00 | -5.52224   | 9.01147   | 10.04039 |
| EQx 909 | 909 | 0.00 | 0.00 | -6.21225   | 8.55042   | 10.04039 |
| EQx 910 | 910 | 0.00 | 0.00 | -6.86395   | 8.03666   | 10.04039 |
| EQx 911 | 911 | 0.00 | 0.00 | -7.47334   | 7.47334   | 10.04039 |
| EQx 912 | 912 | 0.00 | 0.00 | -8.03666   | 6.86395   | 10.04039 |
| EQx 913 | 913 | 0.00 | 0.00 | -8.55042   | 6.21225   | 10.04039 |
| EQx 914 | 914 | 0.00 | 0.00 | -9.01147   | 5.52224   | 10.04039 |
| EQx 915 | 915 | 0.00 | 0.00 | -9.41696   | 4.79818   | 10.04039 |
| EQx 916 | 916 | 0.00 | 0.00 | -9.76440   | 4.04454   | 10.04039 |
| EQx 917 | 917 | 0.00 | 0.00 | -10.05163  | 3.26597   | 10.04039 |
| EQx 918 | 918 | 0.00 | 0.00 | -10.27689  | 2.46726   | 10.04039 |
| EQx 919 | 919 | 0.00 | 0.00 | -10.43878  | 1.65334   | 10.04039 |
| EQx 920 | 920 | 0.00 | 0.00 | -10.53632  | 0.82923   | 10.04039 |
| EQx 921 | 921 | 0.00 | 0.00 | -10.56891  | 1.294E-15 | 10.04039 |
| EQx 922 | 922 | 0.00 | 0.00 | -10.53632  | -0.82923  | 10.04039 |
| EQx 923 | 923 | 0.00 | 0.00 | -10.43878  | -1.65334  | 10.04039 |
| EQx 924 | 924 | 0.00 | 0.00 | -10.27689  | -2.46726  | 10.04039 |
| EQx 925 | 925 | 0.00 | 0.00 | -10.05163  | -3.26597  | 10.04039 |
| EQx 926 | 926 | 0.00 | 0.00 | -9.76440   | -4.04454  | 10.04039 |
| EQx 927 | 927 | 0.00 | 0.00 | -9.41696   | -4.79818  | 10.04039 |
| EQx 928 | 928 | 0.00 | 0.00 | -9.01147   | -5.52224  | 10.04039 |
| EQx 929 | 929 | 0.00 | 0.00 | -8.55042   | -6.21225  | 10.04039 |
| EQx 930 | 930 | 0.00 | 0.00 | -8.03666   | -6.86395  | 10.04039 |
| EQx 931 | 931 | 0.00 | 0.00 | -7.47334   | -7.47334  | 10.04039 |
| EQx 932 | 932 | 0.00 | 0.00 | -6.86395   | -8.03666  | 10.04039 |
| EQx 933 | 933 | 0.00 | 0.00 | -6.21225   | -8.55042  | 10.04039 |
| EQx 934 | 934 | 0.00 | 0.00 | -5.52224   | -9.01147  | 10.04039 |
| EQx 935 | 935 | 0.00 | 0.00 | -4.79818   | -9.41696  | 10.04039 |
| EQx 936 | 936 | 0.00 | 0.00 | -4.04454   | -9.76440  | 10.04039 |
| EQx 937 | 937 | 0.00 | 0.00 | -3.26597   | -10.05163 | 10.04039 |
| EQx 938 | 938 | 0.00 | 0.00 | -2.46726   | -10.27689 | 10.04039 |
| EQx 939 | 939 | 0.00 | 0.00 | -1.65334   | -10.43878 | 10.04039 |
| EQx 940 | 940 | 0.00 | 0.00 | -0.82923   | -10.53632 | 10.04039 |
| EQx 941 | 941 | 0.00 | 0.00 | -1.941E-15 | -10.56891 | 10.04039 |



## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|          |      |      |      |            |           |          |
|----------|------|------|------|------------|-----------|----------|
| EQx 942  | 942  | 0.00 | 0.00 | 0.82923    | -10.53632 | 10.04039 |
| EQx 943  | 943  | 0.00 | 0.00 | 1.65334    | -10.43878 | 10.04039 |
| EQx 944  | 944  | 0.00 | 0.00 | 2.46726    | -10.27689 | 10.04039 |
| EQx 945  | 945  | 0.00 | 0.00 | 3.26597    | -10.05163 | 10.04039 |
| EQx 946  | 946  | 0.00 | 0.00 | 4.04454    | -9.76440  | 10.04039 |
| EQx 947  | 947  | 0.00 | 0.00 | 4.79818    | -9.41696  | 10.04039 |
| EQx 948  | 948  | 0.00 | 0.00 | 5.52224    | -9.01147  | 10.04039 |
| EQx 949  | 949  | 0.00 | 0.00 | 6.21225    | -8.55042  | 10.04039 |
| EQx 950  | 950  | 0.00 | 0.00 | 6.86395    | -8.03666  | 10.04039 |
| EQx 951  | 951  | 0.00 | 0.00 | 7.47334    | -7.47334  | 10.04039 |
| EQx 952  | 952  | 0.00 | 0.00 | 8.03666    | -6.86395  | 10.04039 |
| EQx 953  | 953  | 0.00 | 0.00 | 8.55042    | -6.21225  | 10.04039 |
| EQx 954  | 954  | 0.00 | 0.00 | 9.01147    | -5.52224  | 10.04039 |
| EQx 955  | 955  | 0.00 | 0.00 | 9.41696    | -4.79818  | 10.04039 |
| EQx 956  | 956  | 0.00 | 0.00 | 9.76440    | -4.04454  | 10.04039 |
| EQx 957  | 957  | 0.00 | 0.00 | 10.05163   | -3.26597  | 10.04039 |
| EQx 958  | 958  | 0.00 | 0.00 | 10.27689   | -2.46726  | 10.04039 |
| EQx 959  | 959  | 0.00 | 0.00 | 10.43878   | -1.65334  | 10.04039 |
| EQx 960  | 960  | 0.00 | 0.00 | 10.53632   | -0.82923  | 10.04039 |
| EQx 961  | 961  | 0.00 | 0.00 | 8.45209    | 0.66519   | 10.44613 |
| EQx 962  | 962  | 0.00 | 0.00 | 8.47823    | 0.00000   | 10.44613 |
| EQx 963  | 963  | 0.00 | 0.00 | 8.37384    | 1.32629   | 10.44613 |
| EQx 964  | 964  | 0.00 | 0.00 | 8.24397    | 1.97920   | 10.44613 |
| EQx 965  | 965  | 0.00 | 0.00 | 8.06327    | 2.61992   | 10.44613 |
| EQx 966  | 966  | 0.00 | 0.00 | 7.83286    | 3.24448   | 10.44613 |
| EQx 967  | 967  | 0.00 | 0.00 | 7.55415    | 3.84903   | 10.44613 |
| EQx 968  | 968  | 0.00 | 0.00 | 7.22888    | 4.42986   | 10.44613 |
| EQx 969  | 969  | 0.00 | 0.00 | 6.85903    | 4.98338   | 10.44613 |
| EQx 970  | 970  | 0.00 | 0.00 | 6.44689    | 5.50617   | 10.44613 |
| EQx 971  | 971  | 0.00 | 0.00 | 5.99501    | 5.99501   | 10.44613 |
| EQx 972  | 972  | 0.00 | 0.00 | 5.50617    | 6.44689   | 10.44613 |
| EQx 973  | 973  | 0.00 | 0.00 | 4.98338    | 6.85903   | 10.44613 |
| EQx 974  | 974  | 0.00 | 0.00 | 4.42986    | 7.22888   | 10.44613 |
| EQx 975  | 975  | 0.00 | 0.00 | 3.84903    | 7.55415   | 10.44613 |
| EQx 976  | 976  | 0.00 | 0.00 | 3.24448    | 7.83286   | 10.44613 |
| EQx 977  | 977  | 0.00 | 0.00 | 2.61992    | 8.06327   | 10.44613 |
| EQx 978  | 978  | 0.00 | 0.00 | 1.97920    | 8.24397   | 10.44613 |
| EQx 979  | 979  | 0.00 | 0.00 | 1.32629    | 8.37384   | 10.44613 |
| EQx 980  | 980  | 0.00 | 0.00 | 0.66519    | 8.45209   | 10.44613 |
| EQx 981  | 981  | 0.00 | 0.00 | 5.191E-16  | 8.47823   | 10.44613 |
| EQx 982  | 982  | 0.00 | 0.00 | -0.66519   | 8.45209   | 10.44613 |
| EQx 983  | 983  | 0.00 | 0.00 | -1.32629   | 8.37384   | 10.44613 |
| EQx 984  | 984  | 0.00 | 0.00 | -1.97920   | 8.24397   | 10.44613 |
| EQx 985  | 985  | 0.00 | 0.00 | -2.61992   | 8.06327   | 10.44613 |
| EQx 986  | 986  | 0.00 | 0.00 | -3.24448   | 7.83286   | 10.44613 |
| EQx 987  | 987  | 0.00 | 0.00 | -3.84903   | 7.55415   | 10.44613 |
| EQx 988  | 988  | 0.00 | 0.00 | -4.42986   | 7.22888   | 10.44613 |
| EQx 989  | 989  | 0.00 | 0.00 | -4.98338   | 6.85903   | 10.44613 |
| EQx 990  | 990  | 0.00 | 0.00 | -5.50617   | 6.44689   | 10.44613 |
| EQx 991  | 991  | 0.00 | 0.00 | -5.99501   | 5.99501   | 10.44613 |
| EQx 992  | 992  | 0.00 | 0.00 | -6.44689   | 5.50617   | 10.44613 |
| EQx 993  | 993  | 0.00 | 0.00 | -6.85903   | 4.98338   | 10.44613 |
| EQx 994  | 994  | 0.00 | 0.00 | -7.22888   | 4.42986   | 10.44613 |
| EQx 995  | 995  | 0.00 | 0.00 | -7.55415   | 3.84903   | 10.44613 |
| EQx 996  | 996  | 0.00 | 0.00 | -7.83286   | 3.24448   | 10.44613 |
| EQx 997  | 997  | 0.00 | 0.00 | -8.06327   | 2.61992   | 10.44613 |
| EQx 998  | 998  | 0.00 | 0.00 | -8.24397   | 1.97920   | 10.44613 |
| EQx 999  | 999  | 0.00 | 0.00 | -8.37384   | 1.32629   | 10.44613 |
| EQx 1000 | 1000 | 0.00 | 0.00 | -8.45209   | 0.66519   | 10.44613 |
| EQx 1001 | 1001 | 0.00 | 0.00 | -8.47823   | 1.038E-15 | 10.44613 |
| EQx 1002 | 1002 | 0.00 | 0.00 | -8.45209   | -0.66519  | 10.44613 |
| EQx 1003 | 1003 | 0.00 | 0.00 | -8.37384   | -1.32629  | 10.44613 |
| EQx 1004 | 1004 | 0.00 | 0.00 | -8.24397   | -1.97920  | 10.44613 |
| EQx 1005 | 1005 | 0.00 | 0.00 | -8.06327   | -2.61992  | 10.44613 |
| EQx 1006 | 1006 | 0.00 | 0.00 | -7.83286   | -3.24448  | 10.44613 |
| EQx 1007 | 1007 | 0.00 | 0.00 | -7.55415   | -3.84903  | 10.44613 |
| EQx 1008 | 1008 | 0.00 | 0.00 | -7.22888   | -4.42986  | 10.44613 |
| EQx 1009 | 1009 | 0.00 | 0.00 | -6.85903   | -4.98338  | 10.44613 |
| EQx 1010 | 1010 | 0.00 | 0.00 | -6.44689   | -5.50617  | 10.44613 |
| EQx 1011 | 1011 | 0.00 | 0.00 | -5.99501   | -5.99501  | 10.44613 |
| EQx 1012 | 1012 | 0.00 | 0.00 | -5.50617   | -6.44689  | 10.44613 |
| EQx 1013 | 1013 | 0.00 | 0.00 | -4.98338   | -6.85903  | 10.44613 |
| EQx 1014 | 1014 | 0.00 | 0.00 | -4.42986   | -7.22888  | 10.44613 |
| EQx 1015 | 1015 | 0.00 | 0.00 | -3.84903   | -7.55415  | 10.44613 |
| EQx 1016 | 1016 | 0.00 | 0.00 | -3.24448   | -7.83286  | 10.44613 |
| EQx 1017 | 1017 | 0.00 | 0.00 | -2.61992   | -8.06327  | 10.44613 |
| EQx 1018 | 1018 | 0.00 | 0.00 | -1.97920   | -8.24397  | 10.44613 |
| EQx 1019 | 1019 | 0.00 | 0.00 | -1.32629   | -8.37384  | 10.44613 |
| EQx 1020 | 1020 | 0.00 | 0.00 | -0.66519   | -8.45209  | 10.44613 |
| EQx 1021 | 1021 | 0.00 | 0.00 | -1.557E-15 | -8.47823  | 10.44613 |



## Roof Calculation Book for CONDENSATE STORAGE TANK

Project No.      Rev.

PJ.073              0

Date: 17.05.2005

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

Sheet 50 of 70

|     |      |      |      |      |            |           |          |
|-----|------|------|------|------|------------|-----------|----------|
| EQx | 1022 | 1022 | 0.00 | 0.00 | 0.66519    | -8.45209  | 10.44613 |
| EQx | 1023 | 1023 | 0.00 | 0.00 | 1.32629    | -8.37384  | 10.44613 |
| EQx | 1024 | 1024 | 0.00 | 0.00 | 1.97920    | -8.24397  | 10.44613 |
| EQx | 1025 | 1025 | 0.00 | 0.00 | 2.61992    | -8.06327  | 10.44613 |
| EQx | 1026 | 1026 | 0.00 | 0.00 | 3.24448    | -7.83286  | 10.44613 |
| EQx | 1027 | 1027 | 0.00 | 0.00 | 3.84903    | -7.55415  | 10.44613 |
| EQx | 1028 | 1028 | 0.00 | 0.00 | 4.42986    | -7.22888  | 10.44613 |
| EQx | 1029 | 1029 | 0.00 | 0.00 | 4.98338    | -6.85903  | 10.44613 |
| EQx | 1030 | 1030 | 0.00 | 0.00 | 5.50617    | -6.44689  | 10.44613 |
| EQx | 1031 | 1031 | 0.00 | 0.00 | 5.99501    | -5.99501  | 10.44613 |
| EQx | 1032 | 1032 | 0.00 | 0.00 | 6.44689    | -5.50617  | 10.44613 |
| EQx | 1033 | 1033 | 0.00 | 0.00 | 6.85903    | -4.98338  | 10.44613 |
| EQx | 1034 | 1034 | 0.00 | 0.00 | 7.22888    | -4.42986  | 10.44613 |
| EQx | 1035 | 1035 | 0.00 | 0.00 | 7.55415    | -3.84903  | 10.44613 |
| EQx | 1036 | 1036 | 0.00 | 0.00 | 7.83286    | -3.24448  | 10.44613 |
| EQx | 1037 | 1037 | 0.00 | 0.00 | 8.06327    | -2.61992  | 10.44613 |
| EQx | 1038 | 1038 | 0.00 | 0.00 | 8.24397    | -1.97920  | 10.44613 |
| EQx | 1039 | 1039 | 0.00 | 0.00 | 8.37384    | -1.32629  | 10.44613 |
| EQx | 1040 | 1040 | 0.00 | 0.00 | 8.45209    | -0.66519  | 10.44613 |
| EQx | 1041 | 1041 | 0.00 | 0.00 | 6.35252    | 0.49995   | 10.76247 |
| EQx | 1042 | 1042 | 0.00 | 0.00 | 6.37216    | 0.00000   | 10.76247 |
| EQx | 1043 | 1043 | 0.00 | 0.00 | 6.29371    | 0.99683   | 10.76247 |
| EQx | 1044 | 1044 | 0.00 | 0.00 | 6.19610    | 1.48755   | 10.76247 |
| EQx | 1045 | 1045 | 0.00 | 0.00 | 6.06029    | 1.96911   | 10.76247 |
| EQx | 1046 | 1046 | 0.00 | 0.00 | 5.88711    | 2.43852   | 10.76247 |
| EQx | 1047 | 1047 | 0.00 | 0.00 | 5.67764    | 2.89290   | 10.76247 |
| EQx | 1048 | 1048 | 0.00 | 0.00 | 5.43316    | 3.32945   | 10.76247 |
| EQx | 1049 | 1049 | 0.00 | 0.00 | 5.15519    | 3.74546   | 10.76247 |
| EQx | 1050 | 1050 | 0.00 | 0.00 | 4.84543    | 4.13839   | 10.76247 |
| EQx | 1051 | 1051 | 0.00 | 0.00 | 4.50580    | 4.50580   | 10.76247 |
| EQx | 1052 | 1052 | 0.00 | 0.00 | 4.13839    | 4.84543   | 10.76247 |
| EQx | 1053 | 1053 | 0.00 | 0.00 | 3.74546    | 5.15519   | 10.76247 |
| EQx | 1054 | 1054 | 0.00 | 0.00 | 3.32945    | 5.43316   | 10.76247 |
| EQx | 1055 | 1055 | 0.00 | 0.00 | 2.89290    | 5.67764   | 10.76247 |
| EQx | 1056 | 1056 | 0.00 | 0.00 | 2.43852    | 5.88711   | 10.76247 |
| EQx | 1057 | 1057 | 0.00 | 0.00 | 1.96911    | 6.06029   | 10.76247 |
| EQx | 1058 | 1058 | 0.00 | 0.00 | 1.48755    | 6.19610   | 10.76247 |
| EQx | 1059 | 1059 | 0.00 | 0.00 | 0.99683    | 6.29371   | 10.76247 |
| EQx | 1060 | 1060 | 0.00 | 0.00 | 0.49995    | 6.35252   | 10.76247 |
| EQx | 1061 | 1061 | 0.00 | 0.00 | 3.902E-16  | 6.37216   | 10.76247 |
| EQx | 1062 | 1062 | 0.00 | 0.00 | -0.49995   | 6.35252   | 10.76247 |
| EQx | 1063 | 1063 | 0.00 | 0.00 | -0.99683   | 6.29371   | 10.76247 |
| EQx | 1064 | 1064 | 0.00 | 0.00 | -1.48755   | 6.19610   | 10.76247 |
| EQx | 1065 | 1065 | 0.00 | 0.00 | -1.96911   | 6.06029   | 10.76247 |
| EQx | 1066 | 1066 | 0.00 | 0.00 | -2.43852   | 5.88711   | 10.76247 |
| EQx | 1067 | 1067 | 0.00 | 0.00 | -2.89290   | 5.67764   | 10.76247 |
| EQx | 1068 | 1068 | 0.00 | 0.00 | -3.32945   | 5.43316   | 10.76247 |
| EQx | 1069 | 1069 | 0.00 | 0.00 | -3.74546   | 5.15519   | 10.76247 |
| EQx | 1070 | 1070 | 0.00 | 0.00 | -4.13839   | 4.84543   | 10.76247 |
| EQx | 1071 | 1071 | 0.00 | 0.00 | -4.50580   | 4.50580   | 10.76247 |
| EQx | 1072 | 1072 | 0.00 | 0.00 | -4.84543   | 4.13839   | 10.76247 |
| EQx | 1073 | 1073 | 0.00 | 0.00 | -5.15519   | 3.74546   | 10.76247 |
| EQx | 1074 | 1074 | 0.00 | 0.00 | -5.43316   | 3.32945   | 10.76247 |
| EQx | 1075 | 1075 | 0.00 | 0.00 | -5.67764   | 2.89290   | 10.76247 |
| EQx | 1076 | 1076 | 0.00 | 0.00 | -5.88711   | 2.43852   | 10.76247 |
| EQx | 1077 | 1077 | 0.00 | 0.00 | -6.06029   | 1.96911   | 10.76247 |
| EQx | 1078 | 1078 | 0.00 | 0.00 | -6.19610   | 1.48755   | 10.76247 |
| EQx | 1079 | 1079 | 0.00 | 0.00 | -6.29371   | 0.99683   | 10.76247 |
| EQx | 1080 | 1080 | 0.00 | 0.00 | -6.35252   | 0.49995   | 10.76247 |
| EQx | 1081 | 1081 | 0.00 | 0.00 | -6.37216   | 7.803E-16 | 10.76247 |
| EQx | 1082 | 1082 | 0.00 | 0.00 | -6.35252   | -0.49995  | 10.76247 |
| EQx | 1083 | 1083 | 0.00 | 0.00 | -6.29371   | -0.99683  | 10.76247 |
| EQx | 1084 | 1084 | 0.00 | 0.00 | -6.19610   | -1.48755  | 10.76247 |
| EQx | 1085 | 1085 | 0.00 | 0.00 | -6.06029   | -1.96911  | 10.76247 |
| EQx | 1086 | 1086 | 0.00 | 0.00 | -5.88711   | -2.43852  | 10.76247 |
| EQx | 1087 | 1087 | 0.00 | 0.00 | -5.67764   | -2.89290  | 10.76247 |
| EQx | 1088 | 1088 | 0.00 | 0.00 | -5.43316   | -3.32945  | 10.76247 |
| EQx | 1089 | 1089 | 0.00 | 0.00 | -5.15519   | -3.74546  | 10.76247 |
| EQx | 1090 | 1090 | 0.00 | 0.00 | -4.84543   | -4.13839  | 10.76247 |
| EQx | 1091 | 1091 | 0.00 | 0.00 | -4.50580   | -4.50580  | 10.76247 |
| EQx | 1092 | 1092 | 0.00 | 0.00 | -4.13839   | -4.84543  | 10.76247 |
| EQx | 1093 | 1093 | 0.00 | 0.00 | -3.74546   | -5.15519  | 10.76247 |
| EQx | 1094 | 1094 | 0.00 | 0.00 | -3.32945   | -5.43316  | 10.76247 |
| EQx | 1095 | 1095 | 0.00 | 0.00 | -2.89290   | -5.67764  | 10.76247 |
| EQx | 1096 | 1096 | 0.00 | 0.00 | -2.43852   | -5.88711  | 10.76247 |
| EQx | 1097 | 1097 | 0.00 | 0.00 | -1.96911   | -6.06029  | 10.76247 |
| EQx | 1098 | 1098 | 0.00 | 0.00 | -1.48755   | -6.19610  | 10.76247 |
| EQx | 1099 | 1099 | 0.00 | 0.00 | -0.99683   | -6.29371  | 10.76247 |
| EQx | 1100 | 1100 | 0.00 | 0.00 | -0.49995   | -6.35252  | 10.76247 |
| EQx | 1101 | 1101 | 0.00 | 0.00 | -1.171E-15 | -6.37216  | 10.76247 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Project No.      Rev.

PJ.073              0

Date: 17.05.2005

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

Sheet 51 of 70

|     |      |      |      |      |            |           |          |
|-----|------|------|------|------|------------|-----------|----------|
| EQx | 1102 | 1102 | 0.00 | 0.00 | 0.49995    | -6.35252  | 10.76247 |
| EQx | 1103 | 1103 | 0.00 | 0.00 | 0.99683    | -6.29371  | 10.76247 |
| EQx | 1104 | 1104 | 0.00 | 0.00 | 1.48755    | -6.19610  | 10.76247 |
| EQx | 1105 | 1105 | 0.00 | 0.00 | 1.96911    | -6.06029  | 10.76247 |
| EQx | 1106 | 1106 | 0.00 | 0.00 | 2.43852    | -5.88711  | 10.76247 |
| EQx | 1107 | 1107 | 0.00 | 0.00 | 2.89290    | -5.67764  | 10.76247 |
| EQx | 1108 | 1108 | 0.00 | 0.00 | 3.32945    | -5.43316  | 10.76247 |
| EQx | 1109 | 1109 | 0.00 | 0.00 | 3.74546    | -5.15519  | 10.76247 |
| EQx | 1110 | 1110 | 0.00 | 0.00 | 4.13839    | -4.84543  | 10.76247 |
| EQx | 1111 | 1111 | 0.00 | 0.00 | 4.50580    | -4.50580  | 10.76247 |
| EQx | 1112 | 1112 | 0.00 | 0.00 | 4.84543    | -4.13839  | 10.76247 |
| EQx | 1113 | 1113 | 0.00 | 0.00 | 5.15519    | -3.74546  | 10.76247 |
| EQx | 1114 | 1114 | 0.00 | 0.00 | 5.43316    | -3.32945  | 10.76247 |
| EQx | 1115 | 1115 | 0.00 | 0.00 | 5.67764    | -2.89290  | 10.76247 |
| EQx | 1116 | 1116 | 0.00 | 0.00 | 5.88711    | -2.43852  | 10.76247 |
| EQx | 1117 | 1117 | 0.00 | 0.00 | 6.06029    | -1.96911  | 10.76247 |
| EQx | 1118 | 1118 | 0.00 | 0.00 | 6.19610    | -1.48755  | 10.76247 |
| EQx | 1119 | 1119 | 0.00 | 0.00 | 6.29371    | -0.99683  | 10.76247 |
| EQx | 1120 | 1120 | 0.00 | 0.00 | 6.35252    | -0.49995  | 10.76247 |
| EQx | 1121 | 1121 | 0.00 | 0.00 | 4.24143    | 0.33381   | 10.98884 |
| EQx | 1122 | 1122 | 0.00 | 0.00 | 4.25454    | 0.00000   | 10.98884 |
| EQx | 1123 | 1123 | 0.00 | 0.00 | 4.20216    | 0.66556   | 10.98884 |
| EQx | 1124 | 1124 | 0.00 | 0.00 | 4.13699    | 0.99320   | 10.98884 |
| EQx | 1125 | 1125 | 0.00 | 0.00 | 4.04631    | 1.31473   | 10.98884 |
| EQx | 1126 | 1126 | 0.00 | 0.00 | 3.93069    | 1.62814   | 10.98884 |
| EQx | 1127 | 1127 | 0.00 | 0.00 | 3.79083    | 1.93152   | 10.98884 |
| EQx | 1128 | 1128 | 0.00 | 0.00 | 3.62759    | 2.22299   | 10.98884 |
| EQx | 1129 | 1129 | 0.00 | 0.00 | 3.44200    | 2.50076   | 10.98884 |
| EQx | 1130 | 1130 | 0.00 | 0.00 | 3.23518    | 2.76310   | 10.98884 |
| EQx | 1131 | 1131 | 0.00 | 0.00 | 3.00842    | 3.00842   | 10.98884 |
| EQx | 1132 | 1132 | 0.00 | 0.00 | 2.76310    | 3.23518   | 10.98884 |
| EQx | 1133 | 1133 | 0.00 | 0.00 | 2.50076    | 3.44200   | 10.98884 |
| EQx | 1134 | 1134 | 0.00 | 0.00 | 2.22299    | 3.62759   | 10.98884 |
| EQx | 1135 | 1135 | 0.00 | 0.00 | 1.93152    | 3.79083   | 10.98884 |
| EQx | 1136 | 1136 | 0.00 | 0.00 | 1.62814    | 3.93069   | 10.98884 |
| EQx | 1137 | 1137 | 0.00 | 0.00 | 1.31473    | 4.04631   | 10.98884 |
| EQx | 1138 | 1138 | 0.00 | 0.00 | 0.99320    | 4.13699   | 10.98884 |
| EQx | 1139 | 1139 | 0.00 | 0.00 | 0.66556    | 4.20216   | 10.98884 |
| EQx | 1140 | 1140 | 0.00 | 0.00 | 0.33381    | 4.24143   | 10.98884 |
| EQx | 1141 | 1141 | 0.00 | 0.00 | 2.605E-16  | 4.25454   | 10.98884 |
| EQx | 1142 | 1142 | 0.00 | 0.00 | -0.33381   | 4.24143   | 10.98884 |
| EQx | 1143 | 1143 | 0.00 | 0.00 | -0.66556   | 4.20216   | 10.98884 |
| EQx | 1144 | 1144 | 0.00 | 0.00 | -0.99320   | 4.13699   | 10.98884 |
| EQx | 1145 | 1145 | 0.00 | 0.00 | -1.31473   | 4.04631   | 10.98884 |
| EQx | 1146 | 1146 | 0.00 | 0.00 | -1.62814   | 3.93069   | 10.98884 |
| EQx | 1147 | 1147 | 0.00 | 0.00 | -1.93152   | 3.79083   | 10.98884 |
| EQx | 1148 | 1148 | 0.00 | 0.00 | -2.22299   | 3.62759   | 10.98884 |
| EQx | 1149 | 1149 | 0.00 | 0.00 | -2.50076   | 3.44200   | 10.98884 |
| EQx | 1150 | 1150 | 0.00 | 0.00 | -2.76310   | 3.23518   | 10.98884 |
| EQx | 1151 | 1151 | 0.00 | 0.00 | -3.00842   | 3.00842   | 10.98884 |
| EQx | 1152 | 1152 | 0.00 | 0.00 | -3.23518   | 2.76310   | 10.98884 |
| EQx | 1153 | 1153 | 0.00 | 0.00 | -3.44200   | 2.50076   | 10.98884 |
| EQx | 1154 | 1154 | 0.00 | 0.00 | -3.62759   | 2.22299   | 10.98884 |
| EQx | 1155 | 1155 | 0.00 | 0.00 | -3.79083   | 1.93152   | 10.98884 |
| EQx | 1156 | 1156 | 0.00 | 0.00 | -3.93069   | 1.62814   | 10.98884 |
| EQx | 1157 | 1157 | 0.00 | 0.00 | -4.04631   | 1.31473   | 10.98884 |
| EQx | 1158 | 1158 | 0.00 | 0.00 | -4.13699   | 0.99320   | 10.98884 |
| EQx | 1159 | 1159 | 0.00 | 0.00 | -4.20216   | 0.66556   | 10.98884 |
| EQx | 1160 | 1160 | 0.00 | 0.00 | -4.24143   | 0.33381   | 10.98884 |
| EQx | 1161 | 1161 | 0.00 | 0.00 | -4.25454   | 5.210E-16 | 10.98884 |
| EQx | 1162 | 1162 | 0.00 | 0.00 | -4.24143   | -0.33381  | 10.98884 |
| EQx | 1163 | 1163 | 0.00 | 0.00 | -4.20216   | -0.66556  | 10.98884 |
| EQx | 1164 | 1164 | 0.00 | 0.00 | -4.13699   | -0.99320  | 10.98884 |
| EQx | 1165 | 1165 | 0.00 | 0.00 | -4.04631   | -1.31473  | 10.98884 |
| EQx | 1166 | 1166 | 0.00 | 0.00 | -3.93069   | -1.62814  | 10.98884 |
| EQx | 1167 | 1167 | 0.00 | 0.00 | -3.79083   | -1.93152  | 10.98884 |
| EQx | 1168 | 1168 | 0.00 | 0.00 | -3.62759   | -2.22299  | 10.98884 |
| EQx | 1169 | 1169 | 0.00 | 0.00 | -3.44200   | -2.50076  | 10.98884 |
| EQx | 1170 | 1170 | 0.00 | 0.00 | -3.23518   | -2.76310  | 10.98884 |
| EQx | 1171 | 1171 | 0.00 | 0.00 | -3.00842   | -3.00842  | 10.98884 |
| EQx | 1172 | 1172 | 0.00 | 0.00 | -2.76310   | -3.23518  | 10.98884 |
| EQx | 1173 | 1173 | 0.00 | 0.00 | -2.50076   | -3.44200  | 10.98884 |
| EQx | 1174 | 1174 | 0.00 | 0.00 | -2.22299   | -3.62759  | 10.98884 |
| EQx | 1175 | 1175 | 0.00 | 0.00 | -1.93152   | -3.79083  | 10.98884 |
| EQx | 1176 | 1176 | 0.00 | 0.00 | -1.62814   | -3.93069  | 10.98884 |
| EQx | 1177 | 1177 | 0.00 | 0.00 | -1.31473   | -4.04631  | 10.98884 |
| EQx | 1178 | 1178 | 0.00 | 0.00 | -0.99320   | -4.13699  | 10.98884 |
| EQx | 1179 | 1179 | 0.00 | 0.00 | -0.66556   | -4.20216  | 10.98884 |
| EQx | 1180 | 1180 | 0.00 | 0.00 | -0.33381   | -4.24143  | 10.98884 |
| EQx | 1181 | 1181 | 0.00 | 0.00 | -7.815E-16 | -4.25454  | 10.98884 |

**Roof Calculation Book**  
for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |      |      |      |      |            |           |          |
|-----|------|------|------|------|------------|-----------|----------|
| EQx | 1182 | 1182 | 0.00 | 0.00 | 0.33381    | -4.24143  | 10.98884 |
| EQx | 1183 | 1183 | 0.00 | 0.00 | 0.66556    | -4.20216  | 10.98884 |
| EQx | 1184 | 1184 | 0.00 | 0.00 | 0.99320    | -4.13699  | 10.98884 |
| EQx | 1185 | 1185 | 0.00 | 0.00 | 1.31473    | -4.04631  | 10.98884 |
| EQx | 1186 | 1186 | 0.00 | 0.00 | 1.62814    | -3.93069  | 10.98884 |
| EQx | 1187 | 1187 | 0.00 | 0.00 | 1.93152    | -3.79083  | 10.98884 |
| EQx | 1188 | 1188 | 0.00 | 0.00 | 2.22299    | -3.62759  | 10.98884 |
| EQx | 1189 | 1189 | 0.00 | 0.00 | 2.50076    | -3.44200  | 10.98884 |
| EQx | 1190 | 1190 | 0.00 | 0.00 | 2.76310    | -3.23518  | 10.98884 |
| EQx | 1191 | 1191 | 0.00 | 0.00 | 3.00842    | -3.00842  | 10.98884 |
| EQx | 1192 | 1192 | 0.00 | 0.00 | 3.23518    | -2.76310  | 10.98884 |
| EQx | 1193 | 1193 | 0.00 | 0.00 | 3.44200    | -2.50076  | 10.98884 |
| EQx | 1194 | 1194 | 0.00 | 0.00 | 3.62759    | -2.22299  | 10.98884 |
| EQx | 1195 | 1195 | 0.00 | 0.00 | 3.79083    | -1.93152  | 10.98884 |
| EQx | 1196 | 1196 | 0.00 | 0.00 | 3.93069    | -1.62814  | 10.98884 |
| EQx | 1197 | 1197 | 0.00 | 0.00 | 4.04631    | -1.31473  | 10.98884 |
| EQx | 1198 | 1198 | 0.00 | 0.00 | 4.13699    | -0.99320  | 10.98884 |
| EQx | 1199 | 1199 | 0.00 | 0.00 | 4.20216    | -0.66556  | 10.98884 |
| EQx | 1200 | 1200 | 0.00 | 0.00 | 4.24143    | -0.33381  | 10.98884 |
| EQx | 1201 | 1201 | 0.00 | 0.00 | 2.12264    | 0.16706   | 11.12482 |
| EQx | 1202 | 1202 | 0.00 | 0.00 | 2.12920    | 0.00000   | 11.12482 |
| EQx | 1203 | 1203 | 0.00 | 0.00 | 2.10299    | 0.33308   | 11.12482 |
| EQx | 1204 | 1204 | 0.00 | 0.00 | 2.07037    | 0.49705   | 11.12482 |
| EQx | 1205 | 1205 | 0.00 | 0.00 | 2.02499    | 0.65796   | 11.12482 |
| EQx | 1206 | 1206 | 0.00 | 0.00 | 1.96713    | 0.81481   | 11.12482 |
| EQx | 1207 | 1207 | 0.00 | 0.00 | 1.89713    | 0.96664   | 11.12482 |
| EQx | 1208 | 1208 | 0.00 | 0.00 | 1.81544    | 1.11251   | 11.12482 |
| EQx | 1209 | 1209 | 0.00 | 0.00 | 1.72256    | 1.25151   | 11.12482 |
| EQx | 1210 | 1210 | 0.00 | 0.00 | 1.61906    | 1.38281   | 11.12482 |
| EQx | 1211 | 1211 | 0.00 | 0.00 | 1.50557    | 1.50557   | 11.12482 |
| EQx | 1212 | 1212 | 0.00 | 0.00 | 1.38281    | 1.61906   | 11.12482 |
| EQx | 1213 | 1213 | 0.00 | 0.00 | 1.25151    | 1.72256   | 11.12482 |
| EQx | 1214 | 1214 | 0.00 | 0.00 | 1.11251    | 1.81544   | 11.12482 |
| EQx | 1215 | 1215 | 0.00 | 0.00 | 0.96664    | 1.89713   | 11.12482 |
| EQx | 1216 | 1216 | 0.00 | 0.00 | 0.81481    | 1.96713   | 11.12482 |
| EQx | 1217 | 1217 | 0.00 | 0.00 | 0.65796    | 2.02499   | 11.12482 |
| EQx | 1218 | 1218 | 0.00 | 0.00 | 0.49705    | 2.07037   | 11.12482 |
| EQx | 1219 | 1219 | 0.00 | 0.00 | 0.33308    | 2.10299   | 11.12482 |
| EQx | 1220 | 1220 | 0.00 | 0.00 | 0.16706    | 2.12264   | 11.12482 |
| EQx | 1221 | 1221 | 0.00 | 0.00 | 1.304E-16  | 2.12920   | 11.12482 |
| EQx | 1222 | 1222 | 0.00 | 0.00 | -0.16706   | 2.12264   | 11.12482 |
| EQx | 1223 | 1223 | 0.00 | 0.00 | -0.33308   | 2.10299   | 11.12482 |
| EQx | 1224 | 1224 | 0.00 | 0.00 | -0.49705   | 2.07037   | 11.12482 |
| EQx | 1225 | 1225 | 0.00 | 0.00 | -0.65796   | 2.02499   | 11.12482 |
| EQx | 1226 | 1226 | 0.00 | 0.00 | -0.81481   | 1.96713   | 11.12482 |
| EQx | 1227 | 1227 | 0.00 | 0.00 | -0.96664   | 1.89713   | 11.12482 |
| EQx | 1228 | 1228 | 0.00 | 0.00 | -1.11251   | 1.81544   | 11.12482 |
| EQx | 1229 | 1229 | 0.00 | 0.00 | -1.25151   | 1.72256   | 11.12482 |
| EQx | 1230 | 1230 | 0.00 | 0.00 | -1.38281   | 1.61906   | 11.12482 |
| EQx | 1231 | 1231 | 0.00 | 0.00 | -1.50557   | 1.50557   | 11.12482 |
| EQx | 1232 | 1232 | 0.00 | 0.00 | -1.61906   | 1.38281   | 11.12482 |
| EQx | 1233 | 1233 | 0.00 | 0.00 | -1.72256   | 1.25151   | 11.12482 |
| EQx | 1234 | 1234 | 0.00 | 0.00 | -1.81544   | 1.11251   | 11.12482 |
| EQx | 1235 | 1235 | 0.00 | 0.00 | -1.89713   | 0.96664   | 11.12482 |
| EQx | 1236 | 1236 | 0.00 | 0.00 | -1.96713   | 0.81481   | 11.12482 |
| EQx | 1237 | 1237 | 0.00 | 0.00 | -2.02499   | 0.65796   | 11.12482 |
| EQx | 1238 | 1238 | 0.00 | 0.00 | -2.07037   | 0.49705   | 11.12482 |
| EQx | 1239 | 1239 | 0.00 | 0.00 | -2.10299   | 0.33308   | 11.12482 |
| EQx | 1240 | 1240 | 0.00 | 0.00 | -2.12264   | 0.16706   | 11.12482 |
| EQx | 1241 | 1241 | 0.00 | 0.00 | -2.12920   | 2.607E-16 | 11.12482 |
| EQx | 1242 | 1242 | 0.00 | 0.00 | -2.12264   | -0.16706  | 11.12482 |
| EQx | 1243 | 1243 | 0.00 | 0.00 | -2.10299   | -0.33308  | 11.12482 |
| EQx | 1244 | 1244 | 0.00 | 0.00 | -2.07037   | -0.49705  | 11.12482 |
| EQx | 1245 | 1245 | 0.00 | 0.00 | -2.02499   | -0.65796  | 11.12482 |
| EQx | 1246 | 1246 | 0.00 | 0.00 | -1.96713   | -0.81481  | 11.12482 |
| EQx | 1247 | 1247 | 0.00 | 0.00 | -1.89713   | -0.96664  | 11.12482 |
| EQx | 1248 | 1248 | 0.00 | 0.00 | -1.81544   | -1.11251  | 11.12482 |
| EQx | 1249 | 1249 | 0.00 | 0.00 | -1.72256   | -1.25151  | 11.12482 |
| EQx | 1250 | 1250 | 0.00 | 0.00 | -1.61906   | -1.38281  | 11.12482 |
| EQx | 1251 | 1251 | 0.00 | 0.00 | -1.50557   | -1.50557  | 11.12482 |
| EQx | 1252 | 1252 | 0.00 | 0.00 | -1.38281   | -1.61906  | 11.12482 |
| EQx | 1253 | 1253 | 0.00 | 0.00 | -1.25151   | -1.72256  | 11.12482 |
| EQx | 1254 | 1254 | 0.00 | 0.00 | -1.11251   | -1.81544  | 11.12482 |
| EQx | 1255 | 1255 | 0.00 | 0.00 | -0.96664   | -1.89713  | 11.12482 |
| EQx | 1256 | 1256 | 0.00 | 0.00 | -0.81481   | -1.96713  | 11.12482 |
| EQx | 1257 | 1257 | 0.00 | 0.00 | -0.65796   | -2.02499  | 11.12482 |
| EQx | 1258 | 1258 | 0.00 | 0.00 | -0.49705   | -2.07037  | 11.12482 |
| EQx | 1259 | 1259 | 0.00 | 0.00 | -0.33308   | -2.10299  | 11.12482 |
| EQx | 1260 | 1260 | 0.00 | 0.00 | -0.16706   | -2.12264  | 11.12482 |
| EQx | 1261 | 1261 | 0.00 | 0.00 | -3.911E-16 | -2.12920  | 11.12482 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Project No.      Rev.

PJ.073              0

Date: 17.05.2005

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

Sheet 53 of 70

|     |      |      |      |      |            |           |          |
|-----|------|------|------|------|------------|-----------|----------|
| EQx | 1262 | 1262 | 0.00 | 0.00 | 0.16706    | -2.12264  | 11.12482 |
| EQx | 1263 | 1263 | 0.00 | 0.00 | 0.33308    | -2.10299  | 11.12482 |
| EQx | 1264 | 1264 | 0.00 | 0.00 | 0.49705    | -2.07037  | 11.12482 |
| EQx | 1265 | 1265 | 0.00 | 0.00 | 0.65796    | -2.02499  | 11.12482 |
| EQx | 1266 | 1266 | 0.00 | 0.00 | 0.81481    | -1.96713  | 11.12482 |
| EQx | 1267 | 1267 | 0.00 | 0.00 | 0.96664    | -1.89713  | 11.12482 |
| EQx | 1268 | 1268 | 0.00 | 0.00 | 1.11251    | -1.81544  | 11.12482 |
| EQx | 1269 | 1269 | 0.00 | 0.00 | 1.25151    | -1.72256  | 11.12482 |
| EQx | 1270 | 1270 | 0.00 | 0.00 | 1.38281    | -1.61906  | 11.12482 |
| EQx | 1271 | 1271 | 0.00 | 0.00 | 1.50557    | -1.50557  | 11.12482 |
| EQx | 1272 | 1272 | 0.00 | 0.00 | 1.61906    | -1.38281  | 11.12482 |
| EQx | 1273 | 1273 | 0.00 | 0.00 | 1.72256    | -1.25151  | 11.12482 |
| EQx | 1274 | 1274 | 0.00 | 0.00 | 1.81544    | -1.11251  | 11.12482 |
| EQx | 1275 | 1275 | 0.00 | 0.00 | 1.89713    | -0.96664  | 11.12482 |
| EQx | 1276 | 1276 | 0.00 | 0.00 | 1.96713    | -0.81481  | 11.12482 |
| EQx | 1277 | 1277 | 0.00 | 0.00 | 2.02499    | -0.65796  | 11.12482 |
| EQx | 1278 | 1278 | 0.00 | 0.00 | 2.07037    | -0.49705  | 11.12482 |
| EQx | 1279 | 1279 | 0.00 | 0.00 | 2.10299    | -0.33308  | 11.12482 |
| EQx | 1280 | 1280 | 0.00 | 0.00 | 2.12264    | -0.16706  | 11.12482 |
| EQy | 3    | 3    | 0.00 | 0.00 | 29.72589   | 2.33948   | 1.30617  |
| EQy | 4    | 4    | 0.00 | 0.00 | 29.81781   | 0.00000   | 1.30617  |
| EQy | 6    | 6    | 0.00 | 0.00 | 29.45070   | 4.66453   | 1.30617  |
| EQy | 8    | 8    | 0.00 | 0.00 | 28.99394   | 6.96083   | 1.30617  |
| EQy | 10   | 10   | 0.00 | 0.00 | 28.35842   | 9.21421   | 1.30617  |
| EQy | 12   | 12   | 0.00 | 0.00 | 27.54807   | 11.41078  | 1.30617  |
| EQy | 14   | 14   | 0.00 | 0.00 | 26.56786   | 13.53700  | 1.30617  |
| EQy | 16   | 16   | 0.00 | 0.00 | 25.42386   | 15.57976  | 1.30617  |
| EQy | 18   | 18   | 0.00 | 0.00 | 24.12312   | 17.52647  | 1.30617  |
| EQy | 20   | 20   | 0.00 | 0.00 | 22.67364   | 19.36512  | 1.30617  |
| EQy | 22   | 22   | 0.00 | 0.00 | 21.08438   | 21.08438  | 1.30617  |
| EQy | 24   | 24   | 0.00 | 0.00 | 19.36512   | 22.67364  | 1.30617  |
| EQy | 26   | 26   | 0.00 | 0.00 | 17.52647   | 24.12312  | 1.30617  |
| EQy | 28   | 28   | 0.00 | 0.00 | 15.57976   | 25.42386  | 1.30617  |
| EQy | 30   | 30   | 0.00 | 0.00 | 13.53700   | 26.56786  | 1.30617  |
| EQy | 32   | 32   | 0.00 | 0.00 | 11.41078   | 27.54807  | 1.30617  |
| EQy | 34   | 34   | 0.00 | 0.00 | 9.21421    | 28.35842  | 1.30617  |
| EQy | 36   | 36   | 0.00 | 0.00 | 6.96083    | 28.99394  | 1.30617  |
| EQy | 38   | 38   | 0.00 | 0.00 | 4.66453    | 29.45070  | 1.30617  |
| EQy | 40   | 40   | 0.00 | 0.00 | 2.33948    | 29.72589  | 1.30617  |
| EQy | 42   | 42   | 0.00 | 0.00 | 1.826E-15  | 29.81781  | 1.30617  |
| EQy | 44   | 44   | 0.00 | 0.00 | -2.33948   | 29.72589  | 1.30617  |
| EQy | 46   | 46   | 0.00 | 0.00 | -4.66453   | 29.45070  | 1.30617  |
| EQy | 48   | 48   | 0.00 | 0.00 | -6.96083   | 28.99394  | 1.30617  |
| EQy | 50   | 50   | 0.00 | 0.00 | -9.21421   | 28.35842  | 1.30617  |
| EQy | 52   | 52   | 0.00 | 0.00 | -11.41078  | 27.54807  | 1.30617  |
| EQy | 54   | 54   | 0.00 | 0.00 | -13.53700  | 26.56786  | 1.30617  |
| EQy | 56   | 56   | 0.00 | 0.00 | -15.57976  | 25.42386  | 1.30617  |
| EQy | 58   | 58   | 0.00 | 0.00 | -17.52647  | 24.12312  | 1.30617  |
| EQy | 60   | 60   | 0.00 | 0.00 | -19.36512  | 22.67364  | 1.30617  |
| EQy | 62   | 62   | 0.00 | 0.00 | -21.08438  | 21.08438  | 1.30617  |
| EQy | 64   | 64   | 0.00 | 0.00 | -22.67364  | 19.36512  | 1.30617  |
| EQy | 66   | 66   | 0.00 | 0.00 | -24.12312  | 17.52647  | 1.30617  |
| EQy | 68   | 68   | 0.00 | 0.00 | -25.42386  | 15.57976  | 1.30617  |
| EQy | 70   | 70   | 0.00 | 0.00 | -26.56786  | 13.53700  | 1.30617  |
| EQy | 72   | 72   | 0.00 | 0.00 | -27.54807  | 11.41078  | 1.30617  |
| EQy | 74   | 74   | 0.00 | 0.00 | -28.35842  | 9.21421   | 1.30617  |
| EQy | 76   | 76   | 0.00 | 0.00 | -28.99394  | 6.96083   | 1.30617  |
| EQy | 78   | 78   | 0.00 | 0.00 | -29.45070  | 4.66453   | 1.30617  |
| EQy | 80   | 80   | 0.00 | 0.00 | -29.72589  | 2.33948   | 1.30617  |
| EQy | 82   | 82   | 0.00 | 0.00 | -29.81781  | 3.652E-15 | 1.30617  |
| EQy | 84   | 84   | 0.00 | 0.00 | -29.72589  | -2.33948  | 1.30617  |
| EQy | 86   | 86   | 0.00 | 0.00 | -29.45070  | -4.66453  | 1.30617  |
| EQy | 88   | 88   | 0.00 | 0.00 | -28.99394  | -6.96083  | 1.30617  |
| EQy | 90   | 90   | 0.00 | 0.00 | -28.35842  | -9.21421  | 1.30617  |
| EQy | 92   | 92   | 0.00 | 0.00 | -27.54807  | -11.41078 | 1.30617  |
| EQy | 94   | 94   | 0.00 | 0.00 | -26.56786  | -13.53700 | 1.30617  |
| EQy | 96   | 96   | 0.00 | 0.00 | -25.42386  | -15.57976 | 1.30617  |
| EQy | 98   | 98   | 0.00 | 0.00 | -24.12312  | -17.52647 | 1.30617  |
| EQy | 100  | 100  | 0.00 | 0.00 | -22.67364  | -19.36512 | 1.30617  |
| EQy | 102  | 102  | 0.00 | 0.00 | -21.08438  | -21.08438 | 1.30617  |
| EQy | 104  | 104  | 0.00 | 0.00 | -19.36512  | -22.67364 | 1.30617  |
| EQy | 106  | 106  | 0.00 | 0.00 | -17.52647  | -24.12312 | 1.30617  |
| EQy | 108  | 108  | 0.00 | 0.00 | -15.57976  | -25.42386 | 1.30617  |
| EQy | 110  | 110  | 0.00 | 0.00 | -13.53700  | -26.56786 | 1.30617  |
| EQy | 112  | 112  | 0.00 | 0.00 | -11.41078  | -27.54807 | 1.30617  |
| EQy | 114  | 114  | 0.00 | 0.00 | -9.21421   | -28.35842 | 1.30617  |
| EQy | 116  | 116  | 0.00 | 0.00 | -6.96083   | -28.99394 | 1.30617  |
| EQy | 118  | 118  | 0.00 | 0.00 | -4.66453   | -29.45070 | 1.30617  |
| EQy | 120  | 120  | 0.00 | 0.00 | -2.33948   | -29.72589 | 1.30617  |
| EQy | 122  | 122  | 0.00 | 0.00 | -5.477E-15 | -29.81781 | 1.30617  |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 54 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |     |     |      |      |            |           |         |
|-----|-----|-----|------|------|------------|-----------|---------|
| EQy | 124 | 124 | 0.00 | 0.00 | 2.33948    | -29.72589 | 1.30617 |
| EQy | 126 | 126 | 0.00 | 0.00 | 4.66453    | -29.45070 | 1.30617 |
| EQy | 128 | 128 | 0.00 | 0.00 | 6.96083    | -28.99394 | 1.30617 |
| EQy | 130 | 130 | 0.00 | 0.00 | 9.21421    | -28.35842 | 1.30617 |
| EQy | 132 | 132 | 0.00 | 0.00 | 11.41078   | -27.54807 | 1.30617 |
| EQy | 134 | 134 | 0.00 | 0.00 | 13.53700   | -26.56786 | 1.30617 |
| EQy | 136 | 136 | 0.00 | 0.00 | 15.57976   | -25.42386 | 1.30617 |
| EQy | 138 | 138 | 0.00 | 0.00 | 17.52647   | -24.12312 | 1.30617 |
| EQy | 140 | 140 | 0.00 | 0.00 | 19.36512   | -22.67364 | 1.30617 |
| EQy | 142 | 142 | 0.00 | 0.00 | 21.08438   | -21.08438 | 1.30617 |
| EQy | 144 | 144 | 0.00 | 0.00 | 22.67364   | -19.36512 | 1.30617 |
| EQy | 146 | 146 | 0.00 | 0.00 | 24.12312   | -17.52647 | 1.30617 |
| EQy | 148 | 148 | 0.00 | 0.00 | 25.42386   | -15.57976 | 1.30617 |
| EQy | 150 | 150 | 0.00 | 0.00 | 26.56786   | -13.53700 | 1.30617 |
| EQy | 152 | 152 | 0.00 | 0.00 | 27.54807   | -11.41078 | 1.30617 |
| EQy | 154 | 154 | 0.00 | 0.00 | 28.35842   | -9.21421  | 1.30617 |
| EQy | 156 | 156 | 0.00 | 0.00 | 28.99394   | -6.96083  | 1.30617 |
| EQy | 158 | 158 | 0.00 | 0.00 | 29.45070   | -4.66453  | 1.30617 |
| EQy | 160 | 160 | 0.00 | 0.00 | 29.72589   | -2.33948  | 1.30617 |
| EQy | 161 | 161 | 0.00 | 0.00 | 27.99504   | 2.20326   | 2.53953 |
| EQy | 162 | 162 | 0.00 | 0.00 | 28.08161   | 0.00000   | 2.53953 |
| EQy | 163 | 163 | 0.00 | 0.00 | 27.73588   | 4.39293   | 2.53953 |
| EQy | 164 | 164 | 0.00 | 0.00 | 27.30571   | 6.55552   | 2.53953 |
| EQy | 165 | 165 | 0.00 | 0.00 | 26.70720   | 8.67769   | 2.53953 |
| EQy | 166 | 166 | 0.00 | 0.00 | 25.94402   | 10.74637  | 2.53953 |
| EQy | 167 | 167 | 0.00 | 0.00 | 25.02090   | 12.74878  | 2.53953 |
| EQy | 168 | 168 | 0.00 | 0.00 | 23.94351   | 14.67260  | 2.53953 |
| EQy | 169 | 169 | 0.00 | 0.00 | 22.71850   | 16.50596  | 2.53953 |
| EQy | 170 | 170 | 0.00 | 0.00 | 21.35342   | 18.23755  | 2.53953 |
| EQy | 171 | 171 | 0.00 | 0.00 | 19.85670   | 19.85670  | 2.53953 |
| EQy | 172 | 172 | 0.00 | 0.00 | 18.23755   | 21.35342  | 2.53953 |
| EQy | 173 | 173 | 0.00 | 0.00 | 16.50596   | 22.71850  | 2.53953 |
| EQy | 174 | 174 | 0.00 | 0.00 | 14.67260   | 23.94351  | 2.53953 |
| EQy | 175 | 175 | 0.00 | 0.00 | 12.74878   | 25.02090  | 2.53953 |
| EQy | 176 | 176 | 0.00 | 0.00 | 10.74637   | 25.94402  | 2.53953 |
| EQy | 177 | 177 | 0.00 | 0.00 | 8.67769    | 26.70720  | 2.53953 |
| EQy | 178 | 178 | 0.00 | 0.00 | 6.55552    | 27.30571  | 2.53953 |
| EQy | 179 | 179 | 0.00 | 0.00 | 4.39293    | 27.73588  | 2.53953 |
| EQy | 180 | 180 | 0.00 | 0.00 | 2.20326    | 27.99504  | 2.53953 |
| EQy | 181 | 181 | 0.00 | 0.00 | 1.719E-15  | 28.08161  | 2.53953 |
| EQy | 182 | 182 | 0.00 | 0.00 | -2.20326   | 27.99504  | 2.53953 |
| EQy | 183 | 183 | 0.00 | 0.00 | -4.39293   | 27.73588  | 2.53953 |
| EQy | 184 | 184 | 0.00 | 0.00 | -6.55552   | 27.30571  | 2.53953 |
| EQy | 185 | 185 | 0.00 | 0.00 | -8.67769   | 26.70720  | 2.53953 |
| EQy | 186 | 186 | 0.00 | 0.00 | -10.74637  | 25.94402  | 2.53953 |
| EQy | 187 | 187 | 0.00 | 0.00 | -12.74878  | 25.02090  | 2.53953 |
| EQy | 188 | 188 | 0.00 | 0.00 | -14.67260  | 23.94351  | 2.53953 |
| EQy | 189 | 189 | 0.00 | 0.00 | -16.50596  | 22.71850  | 2.53953 |
| EQy | 190 | 190 | 0.00 | 0.00 | -18.23755  | 21.35342  | 2.53953 |
| EQy | 191 | 191 | 0.00 | 0.00 | -19.85670  | 19.85670  | 2.53953 |
| EQy | 192 | 192 | 0.00 | 0.00 | -21.35342  | 18.23755  | 2.53953 |
| EQy | 193 | 193 | 0.00 | 0.00 | -22.71850  | 16.50596  | 2.53953 |
| EQy | 194 | 194 | 0.00 | 0.00 | -23.94351  | 14.67260  | 2.53953 |
| EQy | 195 | 195 | 0.00 | 0.00 | -25.02090  | 12.74878  | 2.53953 |
| EQy | 196 | 196 | 0.00 | 0.00 | -25.94402  | 10.74637  | 2.53953 |
| EQy | 197 | 197 | 0.00 | 0.00 | -26.70720  | 8.67769   | 2.53953 |
| EQy | 198 | 198 | 0.00 | 0.00 | -27.30571  | 6.55552   | 2.53953 |
| EQy | 199 | 199 | 0.00 | 0.00 | -27.73588  | 4.39293   | 2.53953 |
| EQy | 200 | 200 | 0.00 | 0.00 | -27.99504  | 2.20326   | 2.53953 |
| EQy | 201 | 201 | 0.00 | 0.00 | -28.08161  | 3.439E-15 | 2.53953 |
| EQy | 202 | 202 | 0.00 | 0.00 | -27.99504  | -2.20326  | 2.53953 |
| EQy | 203 | 203 | 0.00 | 0.00 | -27.73588  | -4.39293  | 2.53953 |
| EQy | 204 | 204 | 0.00 | 0.00 | -27.30571  | -6.55552  | 2.53953 |
| EQy | 205 | 205 | 0.00 | 0.00 | -26.70720  | -8.67769  | 2.53953 |
| EQy | 206 | 206 | 0.00 | 0.00 | -25.94402  | -10.74637 | 2.53953 |
| EQy | 207 | 207 | 0.00 | 0.00 | -25.02090  | -12.74878 | 2.53953 |
| EQy | 208 | 208 | 0.00 | 0.00 | -23.94351  | -14.67260 | 2.53953 |
| EQy | 209 | 209 | 0.00 | 0.00 | -22.71850  | -16.50596 | 2.53953 |
| EQy | 210 | 210 | 0.00 | 0.00 | -21.35342  | -18.23755 | 2.53953 |
| EQy | 211 | 211 | 0.00 | 0.00 | -19.85670  | -19.85670 | 2.53953 |
| EQy | 212 | 212 | 0.00 | 0.00 | -18.23755  | -21.35342 | 2.53953 |
| EQy | 213 | 213 | 0.00 | 0.00 | -16.50596  | -22.71850 | 2.53953 |
| EQy | 214 | 214 | 0.00 | 0.00 | -14.67260  | -23.94351 | 2.53953 |
| EQy | 215 | 215 | 0.00 | 0.00 | -12.74878  | -25.02090 | 2.53953 |
| EQy | 216 | 216 | 0.00 | 0.00 | -10.74637  | -25.94402 | 2.53953 |
| EQy | 217 | 217 | 0.00 | 0.00 | -8.67769   | -26.70720 | 2.53953 |
| EQy | 218 | 218 | 0.00 | 0.00 | -6.55552   | -27.30571 | 2.53953 |
| EQy | 219 | 219 | 0.00 | 0.00 | -4.39293   | -27.73588 | 2.53953 |
| EQy | 220 | 220 | 0.00 | 0.00 | -2.20326   | -27.99504 | 2.53953 |
| EQy | 221 | 221 | 0.00 | 0.00 | -5.158E-15 | -28.08161 | 2.53953 |



## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 55 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |     |     |      |      |            |           |         |
|-----|-----|-----|------|------|------------|-----------|---------|
| EQy | 222 | 222 | 0.00 | 0.00 | 2.20326    | -27.99504 | 2.53953 |
| EQy | 223 | 223 | 0.00 | 0.00 | 4.39293    | -27.73588 | 2.53953 |
| EQy | 224 | 224 | 0.00 | 0.00 | 6.55552    | -27.30571 | 2.53953 |
| EQy | 225 | 225 | 0.00 | 0.00 | 8.67769    | -26.70720 | 2.53953 |
| EQy | 226 | 226 | 0.00 | 0.00 | 10.74637   | -25.94402 | 2.53953 |
| EQy | 227 | 227 | 0.00 | 0.00 | 12.74878   | -25.02090 | 2.53953 |
| EQy | 228 | 228 | 0.00 | 0.00 | 14.67260   | -23.94351 | 2.53953 |
| EQy | 229 | 229 | 0.00 | 0.00 | 16.50596   | -22.71850 | 2.53953 |
| EQy | 230 | 230 | 0.00 | 0.00 | 18.23755   | -21.35342 | 2.53953 |
| EQy | 231 | 231 | 0.00 | 0.00 | 19.85670   | -19.85670 | 2.53953 |
| EQy | 232 | 232 | 0.00 | 0.00 | 21.35342   | -18.23755 | 2.53953 |
| EQy | 233 | 233 | 0.00 | 0.00 | 22.71850   | -16.50596 | 2.53953 |
| EQy | 234 | 234 | 0.00 | 0.00 | 23.94351   | -14.67260 | 2.53953 |
| EQy | 235 | 235 | 0.00 | 0.00 | 25.02090   | -12.74878 | 2.53953 |
| EQy | 236 | 236 | 0.00 | 0.00 | 25.94402   | -10.74637 | 2.53953 |
| EQy | 237 | 237 | 0.00 | 0.00 | 26.70720   | -8.67769  | 2.53953 |
| EQy | 238 | 238 | 0.00 | 0.00 | 27.30571   | -6.55552  | 2.53953 |
| EQy | 239 | 239 | 0.00 | 0.00 | 27.73588   | -4.39293  | 2.53953 |
| EQy | 240 | 240 | 0.00 | 0.00 | 27.99504   | -2.20326  | 2.53953 |
| EQy | 241 | 241 | 0.00 | 0.00 | 26.21340   | 2.06304   | 3.69783 |
| EQy | 242 | 242 | 0.00 | 0.00 | 26.29446   | 0.00000   | 3.69783 |
| EQy | 243 | 243 | 0.00 | 0.00 | 25.97073   | 4.11336   | 3.69783 |
| EQy | 244 | 244 | 0.00 | 0.00 | 25.56794   | 6.13832   | 3.69783 |
| EQy | 245 | 245 | 0.00 | 0.00 | 25.00752   | 8.12544   | 3.69783 |
| EQy | 246 | 246 | 0.00 | 0.00 | 24.29291   | 10.06245  | 3.69783 |
| EQy | 247 | 247 | 0.00 | 0.00 | 23.42854   | 11.93744  | 3.69783 |
| EQy | 248 | 248 | 0.00 | 0.00 | 22.41971   | 13.73882  | 3.69783 |
| EQy | 249 | 249 | 0.00 | 0.00 | 21.27267   | 15.45550  | 3.69783 |
| EQy | 250 | 250 | 0.00 | 0.00 | 19.99447   | 17.07689  | 3.69783 |
| EQy | 251 | 251 | 0.00 | 0.00 | 18.59299   | 18.59299  | 3.69783 |
| EQy | 252 | 252 | 0.00 | 0.00 | 17.07689   | 19.99447  | 3.69783 |
| EQy | 253 | 253 | 0.00 | 0.00 | 15.45550   | 21.27267  | 3.69783 |
| EQy | 254 | 254 | 0.00 | 0.00 | 13.73882   | 22.41971  | 3.69783 |
| EQy | 255 | 255 | 0.00 | 0.00 | 11.93744   | 23.42854  | 3.69783 |
| EQy | 256 | 256 | 0.00 | 0.00 | 10.06245   | 24.29291  | 3.69783 |
| EQy | 257 | 257 | 0.00 | 0.00 | 8.12544    | 25.00752  | 3.69783 |
| EQy | 258 | 258 | 0.00 | 0.00 | 6.13832    | 25.56794  | 3.69783 |
| EQy | 259 | 259 | 0.00 | 0.00 | 4.11336    | 25.97073  | 3.69783 |
| EQy | 260 | 260 | 0.00 | 0.00 | 2.06304    | 26.21340  | 3.69783 |
| EQy | 261 | 261 | 0.00 | 0.00 | 1.610E-15  | 26.29446  | 3.69783 |
| EQy | 262 | 262 | 0.00 | 0.00 | -2.06304   | 26.21340  | 3.69783 |
| EQy | 263 | 263 | 0.00 | 0.00 | -4.11336   | 25.97073  | 3.69783 |
| EQy | 264 | 264 | 0.00 | 0.00 | -6.13832   | 25.56794  | 3.69783 |
| EQy | 265 | 265 | 0.00 | 0.00 | -8.12544   | 25.00752  | 3.69783 |
| EQy | 266 | 266 | 0.00 | 0.00 | -10.06245  | 24.29291  | 3.69783 |
| EQy | 267 | 267 | 0.00 | 0.00 | -11.93744  | 23.42854  | 3.69783 |
| EQy | 268 | 268 | 0.00 | 0.00 | -13.73882  | 22.41971  | 3.69783 |
| EQy | 269 | 269 | 0.00 | 0.00 | -15.45550  | 21.27267  | 3.69783 |
| EQy | 270 | 270 | 0.00 | 0.00 | -17.07689  | 19.99447  | 3.69783 |
| EQy | 271 | 271 | 0.00 | 0.00 | -18.59299  | 18.59299  | 3.69783 |
| EQy | 272 | 272 | 0.00 | 0.00 | -19.99447  | 17.07689  | 3.69783 |
| EQy | 273 | 273 | 0.00 | 0.00 | -21.27267  | 15.45550  | 3.69783 |
| EQy | 274 | 274 | 0.00 | 0.00 | -22.41971  | 13.73882  | 3.69783 |
| EQy | 275 | 275 | 0.00 | 0.00 | -23.42854  | 11.93744  | 3.69783 |
| EQy | 276 | 276 | 0.00 | 0.00 | -24.29291  | 10.06245  | 3.69783 |
| EQy | 277 | 277 | 0.00 | 0.00 | -25.00752  | 8.12544   | 3.69783 |
| EQy | 278 | 278 | 0.00 | 0.00 | -25.56794  | 6.13832   | 3.69783 |
| EQy | 279 | 279 | 0.00 | 0.00 | -25.97073  | 4.11336   | 3.69783 |
| EQy | 280 | 280 | 0.00 | 0.00 | -26.21340  | 2.06304   | 3.69783 |
| EQy | 281 | 281 | 0.00 | 0.00 | -26.29446  | 3.220E-15 | 3.69783 |
| EQy | 282 | 282 | 0.00 | 0.00 | -26.21340  | -2.06304  | 3.69783 |
| EQy | 283 | 283 | 0.00 | 0.00 | -25.97073  | -4.11336  | 3.69783 |
| EQy | 284 | 284 | 0.00 | 0.00 | -25.56794  | -6.13832  | 3.69783 |
| EQy | 285 | 285 | 0.00 | 0.00 | -25.00752  | -8.12544  | 3.69783 |
| EQy | 286 | 286 | 0.00 | 0.00 | -24.29291  | -10.06245 | 3.69783 |
| EQy | 287 | 287 | 0.00 | 0.00 | -23.42854  | -11.93744 | 3.69783 |
| EQy | 288 | 288 | 0.00 | 0.00 | -22.41971  | -13.73882 | 3.69783 |
| EQy | 289 | 289 | 0.00 | 0.00 | -21.27267  | -15.45550 | 3.69783 |
| EQy | 290 | 290 | 0.00 | 0.00 | -19.99447  | -17.07689 | 3.69783 |
| EQy | 291 | 291 | 0.00 | 0.00 | -18.59299  | -18.59299 | 3.69783 |
| EQy | 292 | 292 | 0.00 | 0.00 | -17.07689  | -19.99447 | 3.69783 |
| EQy | 293 | 293 | 0.00 | 0.00 | -15.45550  | -21.27267 | 3.69783 |
| EQy | 294 | 294 | 0.00 | 0.00 | -13.73882  | -22.41971 | 3.69783 |
| EQy | 295 | 295 | 0.00 | 0.00 | -11.93744  | -23.42854 | 3.69783 |
| EQy | 296 | 296 | 0.00 | 0.00 | -10.06245  | -24.29291 | 3.69783 |
| EQy | 297 | 297 | 0.00 | 0.00 | -8.12544   | -25.00752 | 3.69783 |
| EQy | 298 | 298 | 0.00 | 0.00 | -6.13832   | -25.56794 | 3.69783 |
| EQy | 299 | 299 | 0.00 | 0.00 | -4.11336   | -25.97073 | 3.69783 |
| EQy | 300 | 300 | 0.00 | 0.00 | -2.06304   | -26.21340 | 3.69783 |
| EQy | 301 | 301 | 0.00 | 0.00 | -4.830E-15 | -26.29446 | 3.69783 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 56 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |     |     |      |      |            |           |         |
|-----|-----|-----|------|------|------------|-----------|---------|
| EQy | 302 | 302 | 0.00 | 0.00 | 2.06304    | -26.21340 | 3.69783 |
| EQy | 303 | 303 | 0.00 | 0.00 | 4.11336    | -25.97073 | 3.69783 |
| EQy | 304 | 304 | 0.00 | 0.00 | 6.13832    | -25.56794 | 3.69783 |
| EQy | 305 | 305 | 0.00 | 0.00 | 8.12544    | -25.00752 | 3.69783 |
| EQy | 306 | 306 | 0.00 | 0.00 | 10.06245   | -24.29291 | 3.69783 |
| EQy | 307 | 307 | 0.00 | 0.00 | 11.93744   | -23.42854 | 3.69783 |
| EQy | 308 | 308 | 0.00 | 0.00 | 13.73882   | -22.41971 | 3.69783 |
| EQy | 309 | 309 | 0.00 | 0.00 | 15.45550   | -21.27267 | 3.69783 |
| EQy | 310 | 310 | 0.00 | 0.00 | 17.07689   | -19.99447 | 3.69783 |
| EQy | 311 | 311 | 0.00 | 0.00 | 18.59299   | -18.59299 | 3.69783 |
| EQy | 312 | 312 | 0.00 | 0.00 | 19.99447   | -17.07689 | 3.69783 |
| EQy | 313 | 313 | 0.00 | 0.00 | 21.27267   | -15.45550 | 3.69783 |
| EQy | 314 | 314 | 0.00 | 0.00 | 22.41971   | -13.73882 | 3.69783 |
| EQy | 315 | 315 | 0.00 | 0.00 | 23.42854   | -11.93744 | 3.69783 |
| EQy | 316 | 316 | 0.00 | 0.00 | 24.29291   | -10.06245 | 3.69783 |
| EQy | 317 | 317 | 0.00 | 0.00 | 25.00752   | -8.12544  | 3.69783 |
| EQy | 318 | 318 | 0.00 | 0.00 | 25.56794   | -6.13832  | 3.69783 |
| EQy | 319 | 319 | 0.00 | 0.00 | 25.97073   | -4.11336  | 3.69783 |
| EQy | 320 | 320 | 0.00 | 0.00 | 26.21340   | -2.06304  | 3.69783 |
| EQy | 321 | 321 | 0.00 | 0.00 | 24.38421   | 1.91908   | 4.77898 |
| EQy | 322 | 322 | 0.00 | 0.00 | 24.45961   | 0.00000   | 4.77898 |
| EQy | 323 | 323 | 0.00 | 0.00 | 24.15847   | 3.82633   | 4.77898 |
| EQy | 324 | 324 | 0.00 | 0.00 | 23.78379   | 5.70998   | 4.77898 |
| EQy | 325 | 325 | 0.00 | 0.00 | 23.26247   | 7.55843   | 4.77898 |
| EQy | 326 | 326 | 0.00 | 0.00 | 22.59773   | 9.36029   | 4.77898 |
| EQy | 327 | 327 | 0.00 | 0.00 | 21.79367   | 11.10443  | 4.77898 |
| EQy | 328 | 328 | 0.00 | 0.00 | 20.85525   | 12.78011  | 4.77898 |
| EQy | 329 | 329 | 0.00 | 0.00 | 19.78824   | 14.37700  | 4.77898 |
| EQy | 330 | 330 | 0.00 | 0.00 | 18.59923   | 15.88525  | 4.77898 |
| EQy | 331 | 331 | 0.00 | 0.00 | 17.29556   | 17.29556  | 4.77898 |
| EQy | 332 | 332 | 0.00 | 0.00 | 15.88525   | 18.59923  | 4.77898 |
| EQy | 333 | 333 | 0.00 | 0.00 | 14.37700   | 19.78824  | 4.77898 |
| EQy | 334 | 334 | 0.00 | 0.00 | 12.78011   | 20.85525  | 4.77898 |
| EQy | 335 | 335 | 0.00 | 0.00 | 11.10443   | 21.79367  | 4.77898 |
| EQy | 336 | 336 | 0.00 | 0.00 | 9.36029    | 22.59773  | 4.77898 |
| EQy | 337 | 337 | 0.00 | 0.00 | 7.55843    | 23.26247  | 4.77898 |
| EQy | 338 | 338 | 0.00 | 0.00 | 5.70998    | 23.78379  | 4.77898 |
| EQy | 339 | 339 | 0.00 | 0.00 | 3.82633    | 24.15847  | 4.77898 |
| EQy | 340 | 340 | 0.00 | 0.00 | 1.91908    | 24.38421  | 4.77898 |
| EQy | 341 | 341 | 0.00 | 0.00 | 1.498E-15  | 24.45961  | 4.77898 |
| EQy | 342 | 342 | 0.00 | 0.00 | -1.91908   | 24.38421  | 4.77898 |
| EQy | 343 | 343 | 0.00 | 0.00 | -3.82633   | 24.15847  | 4.77898 |
| EQy | 344 | 344 | 0.00 | 0.00 | -5.70998   | 23.78379  | 4.77898 |
| EQy | 345 | 345 | 0.00 | 0.00 | -7.55843   | 23.26247  | 4.77898 |
| EQy | 346 | 346 | 0.00 | 0.00 | -9.36029   | 22.59773  | 4.77898 |
| EQy | 347 | 347 | 0.00 | 0.00 | -11.10443  | 21.79367  | 4.77898 |
| EQy | 348 | 348 | 0.00 | 0.00 | -12.78011  | 20.85525  | 4.77898 |
| EQy | 349 | 349 | 0.00 | 0.00 | -14.37700  | 19.78824  | 4.77898 |
| EQy | 350 | 350 | 0.00 | 0.00 | -15.88525  | 18.59923  | 4.77898 |
| EQy | 351 | 351 | 0.00 | 0.00 | -17.29556  | 17.29556  | 4.77898 |
| EQy | 352 | 352 | 0.00 | 0.00 | -18.59923  | 15.88525  | 4.77898 |
| EQy | 353 | 353 | 0.00 | 0.00 | -19.78824  | 14.37700  | 4.77898 |
| EQy | 354 | 354 | 0.00 | 0.00 | -20.85525  | 12.78011  | 4.77898 |
| EQy | 355 | 355 | 0.00 | 0.00 | -21.79367  | 11.10443  | 4.77898 |
| EQy | 356 | 356 | 0.00 | 0.00 | -22.59773  | 9.36029   | 4.77898 |
| EQy | 357 | 357 | 0.00 | 0.00 | -23.26247  | 7.55843   | 4.77898 |
| EQy | 358 | 358 | 0.00 | 0.00 | -23.78379  | 5.70998   | 4.77898 |
| EQy | 359 | 359 | 0.00 | 0.00 | -24.15847  | 3.82633   | 4.77898 |
| EQy | 360 | 360 | 0.00 | 0.00 | -24.38421  | 1.91908   | 4.77898 |
| EQy | 361 | 361 | 0.00 | 0.00 | -24.45961  | 2.995E-15 | 4.77898 |
| EQy | 362 | 362 | 0.00 | 0.00 | -24.38421  | -1.91908  | 4.77898 |
| EQy | 363 | 363 | 0.00 | 0.00 | -24.15847  | -3.82633  | 4.77898 |
| EQy | 364 | 364 | 0.00 | 0.00 | -23.78379  | -5.70998  | 4.77898 |
| EQy | 365 | 365 | 0.00 | 0.00 | -23.26247  | -7.55843  | 4.77898 |
| EQy | 366 | 366 | 0.00 | 0.00 | -22.59773  | -9.36029  | 4.77898 |
| EQy | 367 | 367 | 0.00 | 0.00 | -21.79367  | -11.10443 | 4.77898 |
| EQy | 368 | 368 | 0.00 | 0.00 | -20.85525  | -12.78011 | 4.77898 |
| EQy | 369 | 369 | 0.00 | 0.00 | -19.78824  | -14.37700 | 4.77898 |
| EQy | 370 | 370 | 0.00 | 0.00 | -18.59923  | -15.88525 | 4.77898 |
| EQy | 371 | 371 | 0.00 | 0.00 | -17.29556  | -17.29556 | 4.77898 |
| EQy | 372 | 372 | 0.00 | 0.00 | -15.88525  | -18.59923 | 4.77898 |
| EQy | 373 | 373 | 0.00 | 0.00 | -14.37700  | -19.78824 | 4.77898 |
| EQy | 374 | 374 | 0.00 | 0.00 | -12.78011  | -20.85525 | 4.77898 |
| EQy | 375 | 375 | 0.00 | 0.00 | -11.10443  | -21.79367 | 4.77898 |
| EQy | 376 | 376 | 0.00 | 0.00 | -9.36029   | -22.59773 | 4.77898 |
| EQy | 377 | 377 | 0.00 | 0.00 | -7.55843   | -23.26247 | 4.77898 |
| EQy | 378 | 378 | 0.00 | 0.00 | -5.70998   | -23.78379 | 4.77898 |
| EQy | 379 | 379 | 0.00 | 0.00 | -3.82633   | -24.15847 | 4.77898 |
| EQy | 380 | 380 | 0.00 | 0.00 | -1.91908   | -24.38421 | 4.77898 |
| EQy | 381 | 381 | 0.00 | 0.00 | -4.493E-15 | -24.45961 | 4.77898 |



## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 57 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|         |     |      |      |            |           |         |
|---------|-----|------|------|------------|-----------|---------|
| EQy 382 | 382 | 0.00 | 0.00 | 1.91908    | -24.38421 | 4.77898 |
| EQy 383 | 383 | 0.00 | 0.00 | 3.82633    | -24.15847 | 4.77898 |
| EQy 384 | 384 | 0.00 | 0.00 | 5.70998    | -23.78379 | 4.77898 |
| EQy 385 | 385 | 0.00 | 0.00 | 7.55843    | -23.26247 | 4.77898 |
| EQy 386 | 386 | 0.00 | 0.00 | 9.36029    | -22.59773 | 4.77898 |
| EQy 387 | 387 | 0.00 | 0.00 | 11.10443   | -21.79367 | 4.77898 |
| EQy 388 | 388 | 0.00 | 0.00 | 12.78011   | -20.85525 | 4.77898 |
| EQy 389 | 389 | 0.00 | 0.00 | 14.37700   | -19.78824 | 4.77898 |
| EQy 390 | 390 | 0.00 | 0.00 | 15.88525   | -18.59923 | 4.77898 |
| EQy 391 | 391 | 0.00 | 0.00 | 17.29556   | -17.29556 | 4.77898 |
| EQy 392 | 392 | 0.00 | 0.00 | 18.59923   | -15.88525 | 4.77898 |
| EQy 393 | 393 | 0.00 | 0.00 | 19.78824   | -14.37700 | 4.77898 |
| EQy 394 | 394 | 0.00 | 0.00 | 20.85525   | -12.78011 | 4.77898 |
| EQy 395 | 395 | 0.00 | 0.00 | 21.79367   | -11.10443 | 4.77898 |
| EQy 396 | 396 | 0.00 | 0.00 | 22.59773   | -9.36029  | 4.77898 |
| EQy 397 | 397 | 0.00 | 0.00 | 23.26247   | -7.55843  | 4.77898 |
| EQy 398 | 398 | 0.00 | 0.00 | 23.78379   | -5.70998  | 4.77898 |
| EQy 399 | 399 | 0.00 | 0.00 | 24.15847   | -3.82633  | 4.77898 |
| EQy 400 | 400 | 0.00 | 0.00 | 24.38421   | -1.91908  | 4.77898 |
| EQy 401 | 401 | 0.00 | 0.00 | 22.51077   | 1.77164   | 5.78101 |
| EQy 402 | 402 | 0.00 | 0.00 | 22.58038   | 0.00000   | 5.78101 |
| EQy 403 | 403 | 0.00 | 0.00 | 22.30238   | 3.53235   | 5.78101 |
| EQy 404 | 404 | 0.00 | 0.00 | 21.95648   | 5.27129   | 5.78101 |
| EQy 405 | 405 | 0.00 | 0.00 | 21.47522   | 6.97772   | 5.78101 |
| EQy 406 | 406 | 0.00 | 0.00 | 20.86155   | 8.64114   | 5.78101 |
| EQy 407 | 407 | 0.00 | 0.00 | 20.11927   | 10.25128  | 5.78101 |
| EQy 408 | 408 | 0.00 | 0.00 | 19.25294   | 11.79822  | 5.78101 |
| EQy 409 | 409 | 0.00 | 0.00 | 18.26791   | 13.27242  | 5.78101 |
| EQy 410 | 410 | 0.00 | 0.00 | 17.17026   | 14.66478  | 5.78101 |
| EQy 411 | 411 | 0.00 | 0.00 | 15.96674   | 15.96674  | 5.78101 |
| EQy 412 | 412 | 0.00 | 0.00 | 14.66478   | 17.17026  | 5.78101 |
| EQy 413 | 413 | 0.00 | 0.00 | 13.27242   | 18.26791  | 5.78101 |
| EQy 414 | 414 | 0.00 | 0.00 | 11.79822   | 19.25294  | 5.78101 |
| EQy 415 | 415 | 0.00 | 0.00 | 10.25128   | 20.11927  | 5.78101 |
| EQy 416 | 416 | 0.00 | 0.00 | 8.64114    | 20.86155  | 5.78101 |
| EQy 417 | 417 | 0.00 | 0.00 | 6.97772    | 21.47522  | 5.78101 |
| EQy 418 | 418 | 0.00 | 0.00 | 5.27129    | 21.95648  | 5.78101 |
| EQy 419 | 419 | 0.00 | 0.00 | 3.53235    | 22.30238  | 5.78101 |
| EQy 420 | 420 | 0.00 | 0.00 | 1.77164    | 22.51077  | 5.78101 |
| EQy 421 | 421 | 0.00 | 0.00 | 1.383E-15  | 22.58038  | 5.78101 |
| EQy 422 | 422 | 0.00 | 0.00 | -1.77164   | 22.51077  | 5.78101 |
| EQy 423 | 423 | 0.00 | 0.00 | -3.53235   | 22.30238  | 5.78101 |
| EQy 424 | 424 | 0.00 | 0.00 | -5.27129   | 21.95648  | 5.78101 |
| EQy 425 | 425 | 0.00 | 0.00 | -6.97772   | 21.47522  | 5.78101 |
| EQy 426 | 426 | 0.00 | 0.00 | -8.64114   | 20.86155  | 5.78101 |
| EQy 427 | 427 | 0.00 | 0.00 | -10.25128  | 20.11927  | 5.78101 |
| EQy 428 | 428 | 0.00 | 0.00 | -11.79822  | 19.25294  | 5.78101 |
| EQy 429 | 429 | 0.00 | 0.00 | -13.27242  | 18.26791  | 5.78101 |
| EQy 430 | 430 | 0.00 | 0.00 | -14.66478  | 17.17026  | 5.78101 |
| EQy 431 | 431 | 0.00 | 0.00 | -15.96674  | 15.96674  | 5.78101 |
| EQy 432 | 432 | 0.00 | 0.00 | -17.17026  | 14.66478  | 5.78101 |
| EQy 433 | 433 | 0.00 | 0.00 | -18.26791  | 13.27242  | 5.78101 |
| EQy 434 | 434 | 0.00 | 0.00 | -19.25294  | 11.79822  | 5.78101 |
| EQy 435 | 435 | 0.00 | 0.00 | -20.11927  | 10.25128  | 5.78101 |
| EQy 436 | 436 | 0.00 | 0.00 | -20.86155  | 8.64114   | 5.78101 |
| EQy 437 | 437 | 0.00 | 0.00 | -21.47522  | 6.97772   | 5.78101 |
| EQy 438 | 438 | 0.00 | 0.00 | -21.95648  | 5.27129   | 5.78101 |
| EQy 439 | 439 | 0.00 | 0.00 | -22.30238  | 3.53235   | 5.78101 |
| EQy 440 | 440 | 0.00 | 0.00 | -22.51077  | 1.77164   | 5.78101 |
| EQy 441 | 441 | 0.00 | 0.00 | -22.58038  | 2.765E-15 | 5.78101 |
| EQy 442 | 442 | 0.00 | 0.00 | -22.51077  | -1.77164  | 5.78101 |
| EQy 443 | 443 | 0.00 | 0.00 | -22.30238  | -3.53235  | 5.78101 |
| EQy 444 | 444 | 0.00 | 0.00 | -21.95648  | -5.27129  | 5.78101 |
| EQy 445 | 445 | 0.00 | 0.00 | -21.47522  | -6.97772  | 5.78101 |
| EQy 446 | 446 | 0.00 | 0.00 | -20.86155  | -8.64114  | 5.78101 |
| EQy 447 | 447 | 0.00 | 0.00 | -20.11927  | -10.25128 | 5.78101 |
| EQy 448 | 448 | 0.00 | 0.00 | -19.25294  | -11.79822 | 5.78101 |
| EQy 449 | 449 | 0.00 | 0.00 | -18.26791  | -13.27242 | 5.78101 |
| EQy 450 | 450 | 0.00 | 0.00 | -17.17026  | -14.66478 | 5.78101 |
| EQy 451 | 451 | 0.00 | 0.00 | -15.96674  | -15.96674 | 5.78101 |
| EQy 452 | 452 | 0.00 | 0.00 | -14.66478  | -17.17026 | 5.78101 |
| EQy 453 | 453 | 0.00 | 0.00 | -13.27242  | -18.26791 | 5.78101 |
| EQy 454 | 454 | 0.00 | 0.00 | -11.79822  | -19.25294 | 5.78101 |
| EQy 455 | 455 | 0.00 | 0.00 | -10.25128  | -20.11927 | 5.78101 |
| EQy 456 | 456 | 0.00 | 0.00 | -8.64114   | -20.86155 | 5.78101 |
| EQy 457 | 457 | 0.00 | 0.00 | -6.97772   | -21.47522 | 5.78101 |
| EQy 458 | 458 | 0.00 | 0.00 | -5.27129   | -21.95648 | 5.78101 |
| EQy 459 | 459 | 0.00 | 0.00 | -3.53235   | -22.30238 | 5.78101 |
| EQy 460 | 460 | 0.00 | 0.00 | -1.77164   | -22.51077 | 5.78101 |
| EQy 461 | 461 | 0.00 | 0.00 | -4.148E-15 | -22.58038 | 5.78101 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 58 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|         |     |      |      |            |           |         |
|---------|-----|------|------|------------|-----------|---------|
| EQy 462 | 462 | 0.00 | 0.00 | 1.77164    | -22.51077 | 5.78101 |
| EQy 463 | 463 | 0.00 | 0.00 | 3.53235    | -22.30238 | 5.78101 |
| EQy 464 | 464 | 0.00 | 0.00 | 5.27129    | -21.95648 | 5.78101 |
| EQy 465 | 465 | 0.00 | 0.00 | 6.97772    | -21.47522 | 5.78101 |
| EQy 466 | 466 | 0.00 | 0.00 | 8.64114    | -20.86155 | 5.78101 |
| EQy 467 | 467 | 0.00 | 0.00 | 10.25128   | -20.11927 | 5.78101 |
| EQy 468 | 468 | 0.00 | 0.00 | 11.79822   | -19.25294 | 5.78101 |
| EQy 469 | 469 | 0.00 | 0.00 | 13.27242   | -18.26791 | 5.78101 |
| EQy 470 | 470 | 0.00 | 0.00 | 14.66478   | -17.17026 | 5.78101 |
| EQy 471 | 471 | 0.00 | 0.00 | 15.96674   | -15.96674 | 5.78101 |
| EQy 472 | 472 | 0.00 | 0.00 | 17.17026   | -14.66478 | 5.78101 |
| EQy 473 | 473 | 0.00 | 0.00 | 18.26791   | -13.27242 | 5.78101 |
| EQy 474 | 474 | 0.00 | 0.00 | 19.25294   | -11.79822 | 5.78101 |
| EQy 475 | 475 | 0.00 | 0.00 | 20.11927   | -10.25128 | 5.78101 |
| EQy 476 | 476 | 0.00 | 0.00 | 20.86155   | -8.64114  | 5.78101 |
| EQy 477 | 477 | 0.00 | 0.00 | 21.47522   | -6.97772  | 5.78101 |
| EQy 478 | 478 | 0.00 | 0.00 | 21.95648   | -5.27129  | 5.78101 |
| EQy 479 | 479 | 0.00 | 0.00 | 22.30238   | -3.53235  | 5.78101 |
| EQy 480 | 480 | 0.00 | 0.00 | 22.51077   | -1.77164  | 5.78101 |
| EQy 481 | 481 | 0.00 | 0.00 | 20.59650   | 1.62098   | 6.70211 |
| EQy 482 | 482 | 0.00 | 0.00 | 20.66019   | 0.00000   | 6.70211 |
| EQy 483 | 483 | 0.00 | 0.00 | 20.40583   | 3.23197   | 6.70211 |
| EQy 484 | 484 | 0.00 | 0.00 | 20.08935   | 4.82303   | 6.70211 |
| EQy 485 | 485 | 0.00 | 0.00 | 19.64901   | 6.38435   | 6.70211 |
| EQy 486 | 486 | 0.00 | 0.00 | 19.08753   | 7.90631   | 6.70211 |
| EQy 487 | 487 | 0.00 | 0.00 | 18.40836   | 9.37953   | 6.70211 |
| EQy 488 | 488 | 0.00 | 0.00 | 17.61571   | 10.79492  | 6.70211 |
| EQy 489 | 489 | 0.00 | 0.00 | 16.71444   | 12.14375  | 6.70211 |
| EQy 490 | 490 | 0.00 | 0.00 | 15.71013   | 13.41772  | 6.70211 |
| EQy 491 | 491 | 0.00 | 0.00 | 14.60896   | 14.60896  | 6.70211 |
| EQy 492 | 492 | 0.00 | 0.00 | 13.41772   | 15.71013  | 6.70211 |
| EQy 493 | 493 | 0.00 | 0.00 | 12.14375   | 16.71444  | 6.70211 |
| EQy 494 | 494 | 0.00 | 0.00 | 10.79492   | 17.61571  | 6.70211 |
| EQy 495 | 495 | 0.00 | 0.00 | 9.37953    | 18.40836  | 6.70211 |
| EQy 496 | 496 | 0.00 | 0.00 | 7.90631    | 19.08753  | 6.70211 |
| EQy 497 | 497 | 0.00 | 0.00 | 6.38435    | 19.64901  | 6.70211 |
| EQy 498 | 498 | 0.00 | 0.00 | 4.82303    | 20.08935  | 6.70211 |
| EQy 499 | 499 | 0.00 | 0.00 | 3.23197    | 20.40583  | 6.70211 |
| EQy 500 | 500 | 0.00 | 0.00 | 1.62098    | 20.59650  | 6.70211 |
| EQy 501 | 501 | 0.00 | 0.00 | 1.265E-15  | 20.66019  | 6.70211 |
| EQy 502 | 502 | 0.00 | 0.00 | -1.62098   | 20.59650  | 6.70211 |
| EQy 503 | 503 | 0.00 | 0.00 | -3.23197   | 20.40583  | 6.70211 |
| EQy 504 | 504 | 0.00 | 0.00 | -4.82303   | 20.08935  | 6.70211 |
| EQy 505 | 505 | 0.00 | 0.00 | -6.38435   | 19.64901  | 6.70211 |
| EQy 506 | 506 | 0.00 | 0.00 | -7.90631   | 19.08753  | 6.70211 |
| EQy 507 | 507 | 0.00 | 0.00 | -9.37953   | 18.40836  | 6.70211 |
| EQy 508 | 508 | 0.00 | 0.00 | -10.79492  | 17.61571  | 6.70211 |
| EQy 509 | 509 | 0.00 | 0.00 | -12.14375  | 16.71444  | 6.70211 |
| EQy 510 | 510 | 0.00 | 0.00 | -13.41772  | 15.71013  | 6.70211 |
| EQy 511 | 511 | 0.00 | 0.00 | -14.60896  | 14.60896  | 6.70211 |
| EQy 512 | 512 | 0.00 | 0.00 | -15.71013  | 13.41772  | 6.70211 |
| EQy 513 | 513 | 0.00 | 0.00 | -16.71444  | 12.14375  | 6.70211 |
| EQy 514 | 514 | 0.00 | 0.00 | -17.61571  | 10.79492  | 6.70211 |
| EQy 515 | 515 | 0.00 | 0.00 | -18.40836  | 9.37953   | 6.70211 |
| EQy 516 | 516 | 0.00 | 0.00 | -19.08753  | 7.90631   | 6.70211 |
| EQy 517 | 517 | 0.00 | 0.00 | -19.64901  | 6.38435   | 6.70211 |
| EQy 518 | 518 | 0.00 | 0.00 | -20.08935  | 4.82303   | 6.70211 |
| EQy 519 | 519 | 0.00 | 0.00 | -20.40583  | 3.23197   | 6.70211 |
| EQy 520 | 520 | 0.00 | 0.00 | -20.59650  | 1.62098   | 6.70211 |
| EQy 521 | 521 | 0.00 | 0.00 | -20.66019  | 2.530E-15 | 6.70211 |
| EQy 522 | 522 | 0.00 | 0.00 | -20.59650  | -1.62098  | 6.70211 |
| EQy 523 | 523 | 0.00 | 0.00 | -20.40583  | -3.23197  | 6.70211 |
| EQy 524 | 524 | 0.00 | 0.00 | -20.08935  | -4.82303  | 6.70211 |
| EQy 525 | 525 | 0.00 | 0.00 | -19.64901  | -6.38435  | 6.70211 |
| EQy 526 | 526 | 0.00 | 0.00 | -19.08753  | -7.90631  | 6.70211 |
| EQy 527 | 527 | 0.00 | 0.00 | -18.40836  | -9.37953  | 6.70211 |
| EQy 528 | 528 | 0.00 | 0.00 | -17.61571  | -10.79492 | 6.70211 |
| EQy 529 | 529 | 0.00 | 0.00 | -16.71444  | -12.14375 | 6.70211 |
| EQy 530 | 530 | 0.00 | 0.00 | -15.71013  | -13.41772 | 6.70211 |
| EQy 531 | 531 | 0.00 | 0.00 | -14.60896  | -14.60896 | 6.70211 |
| EQy 532 | 532 | 0.00 | 0.00 | -13.41772  | -15.71013 | 6.70211 |
| EQy 533 | 533 | 0.00 | 0.00 | -12.14375  | -16.71444 | 6.70211 |
| EQy 534 | 534 | 0.00 | 0.00 | -10.79492  | -17.61571 | 6.70211 |
| EQy 535 | 535 | 0.00 | 0.00 | -9.37953   | -18.40836 | 6.70211 |
| EQy 536 | 536 | 0.00 | 0.00 | -7.90631   | -19.08753 | 6.70211 |
| EQy 537 | 537 | 0.00 | 0.00 | -6.38435   | -19.64901 | 6.70211 |
| EQy 538 | 538 | 0.00 | 0.00 | -4.82303   | -20.08935 | 6.70211 |
| EQy 539 | 539 | 0.00 | 0.00 | -3.23197   | -20.40583 | 6.70211 |
| EQy 540 | 540 | 0.00 | 0.00 | -1.62098   | -20.59650 | 6.70211 |
| EQy 541 | 541 | 0.00 | 0.00 | -3.795E-15 | -20.66019 | 6.70211 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|         |     |      |      |            |           |         |
|---------|-----|------|------|------------|-----------|---------|
| EQy 542 | 542 | 0.00 | 0.00 | 1.62098    | -20.59650 | 6.70211 |
| EQy 543 | 543 | 0.00 | 0.00 | 3.23197    | -20.40583 | 6.70211 |
| EQy 544 | 544 | 0.00 | 0.00 | 4.82303    | -20.08935 | 6.70211 |
| EQy 545 | 545 | 0.00 | 0.00 | 6.38435    | -19.64901 | 6.70211 |
| EQy 546 | 546 | 0.00 | 0.00 | 7.90631    | -19.08753 | 6.70211 |
| EQy 547 | 547 | 0.00 | 0.00 | 9.37953    | -18.40836 | 6.70211 |
| EQy 548 | 548 | 0.00 | 0.00 | 10.79492   | -17.61571 | 6.70211 |
| EQy 549 | 549 | 0.00 | 0.00 | 12.14375   | -16.71444 | 6.70211 |
| EQy 550 | 550 | 0.00 | 0.00 | 13.41772   | -15.71013 | 6.70211 |
| EQy 551 | 551 | 0.00 | 0.00 | 14.60896   | -14.60896 | 6.70211 |
| EQy 552 | 552 | 0.00 | 0.00 | 15.71013   | -13.41772 | 6.70211 |
| EQy 553 | 553 | 0.00 | 0.00 | 16.71444   | -12.14375 | 6.70211 |
| EQy 554 | 554 | 0.00 | 0.00 | 17.61571   | -10.79492 | 6.70211 |
| EQy 555 | 555 | 0.00 | 0.00 | 18.40836   | -9.37953  | 6.70211 |
| EQy 556 | 556 | 0.00 | 0.00 | 19.08753   | -7.90631  | 6.70211 |
| EQy 557 | 557 | 0.00 | 0.00 | 19.64901   | -6.38435  | 6.70211 |
| EQy 558 | 558 | 0.00 | 0.00 | 20.08935   | -4.82303  | 6.70211 |
| EQy 559 | 559 | 0.00 | 0.00 | 20.40583   | -3.23197  | 6.70211 |
| EQy 560 | 560 | 0.00 | 0.00 | 20.59650   | -1.62098  | 6.70211 |
| EQy 561 | 561 | 0.00 | 0.00 | 18.64486   | 1.46738   | 7.54060 |
| EQy 562 | 562 | 0.00 | 0.00 | 18.70251   | 0.00000   | 7.54060 |
| EQy 563 | 563 | 0.00 | 0.00 | 18.47225   | 2.92572   | 7.54060 |
| EQy 564 | 564 | 0.00 | 0.00 | 18.18576   | 4.36601   | 7.54060 |
| EQy 565 | 565 | 0.00 | 0.00 | 17.78715   | 5.77939   | 7.54060 |
| EQy 566 | 566 | 0.00 | 0.00 | 17.27887   | 7.15714   | 7.54060 |
| EQy 567 | 567 | 0.00 | 0.00 | 16.66406   | 8.49076   | 7.54060 |
| EQy 568 | 568 | 0.00 | 0.00 | 15.94651   | 9.77204   | 7.54060 |
| EQy 569 | 569 | 0.00 | 0.00 | 15.13065   | 10.99306  | 7.54060 |
| EQy 570 | 570 | 0.00 | 0.00 | 14.22150   | 12.14631  | 7.54060 |
| EQy 571 | 571 | 0.00 | 0.00 | 13.22467   | 13.22467  | 7.54060 |
| EQy 572 | 572 | 0.00 | 0.00 | 12.14631   | 14.22150  | 7.54060 |
| EQy 573 | 573 | 0.00 | 0.00 | 10.99306   | 15.13065  | 7.54060 |
| EQy 574 | 574 | 0.00 | 0.00 | 9.77204    | 15.94651  | 7.54060 |
| EQy 575 | 575 | 0.00 | 0.00 | 8.49076    | 16.66406  | 7.54060 |
| EQy 576 | 576 | 0.00 | 0.00 | 7.15714    | 17.27887  | 7.54060 |
| EQy 577 | 577 | 0.00 | 0.00 | 5.77939    | 17.78715  | 7.54060 |
| EQy 578 | 578 | 0.00 | 0.00 | 4.36601    | 18.18576  | 7.54060 |
| EQy 579 | 579 | 0.00 | 0.00 | 2.92572    | 18.47225  | 7.54060 |
| EQy 580 | 580 | 0.00 | 0.00 | 1.46738    | 18.64486  | 7.54060 |
| EQy 581 | 581 | 0.00 | 0.00 | 1.145E-15  | 18.70251  | 7.54060 |
| EQy 582 | 582 | 0.00 | 0.00 | -1.46738   | 18.64486  | 7.54060 |
| EQy 583 | 583 | 0.00 | 0.00 | -2.92572   | 18.47225  | 7.54060 |
| EQy 584 | 584 | 0.00 | 0.00 | -4.36601   | 18.18576  | 7.54060 |
| EQy 585 | 585 | 0.00 | 0.00 | -5.77939   | 17.78715  | 7.54060 |
| EQy 586 | 586 | 0.00 | 0.00 | -7.15714   | 17.27887  | 7.54060 |
| EQy 587 | 587 | 0.00 | 0.00 | -8.49076   | 16.66406  | 7.54060 |
| EQy 588 | 588 | 0.00 | 0.00 | -9.77204   | 15.94651  | 7.54060 |
| EQy 589 | 589 | 0.00 | 0.00 | -10.99306  | 15.13065  | 7.54060 |
| EQy 590 | 590 | 0.00 | 0.00 | -12.14631  | 14.22150  | 7.54060 |
| EQy 591 | 591 | 0.00 | 0.00 | -13.22467  | 13.22467  | 7.54060 |
| EQy 592 | 592 | 0.00 | 0.00 | -14.22150  | 12.14631  | 7.54060 |
| EQy 593 | 593 | 0.00 | 0.00 | -15.13065  | 10.99306  | 7.54060 |
| EQy 594 | 594 | 0.00 | 0.00 | -15.94651  | 9.77204   | 7.54060 |
| EQy 595 | 595 | 0.00 | 0.00 | -16.66406  | 8.49076   | 7.54060 |
| EQy 596 | 596 | 0.00 | 0.00 | -17.27887  | 7.15714   | 7.54060 |
| EQy 597 | 597 | 0.00 | 0.00 | -17.78715  | 5.77939   | 7.54060 |
| EQy 598 | 598 | 0.00 | 0.00 | -18.18576  | 4.36601   | 7.54060 |
| EQy 599 | 599 | 0.00 | 0.00 | -18.47225  | 2.92572   | 7.54060 |
| EQy 600 | 600 | 0.00 | 0.00 | -18.64486  | 1.46738   | 7.54060 |
| EQy 601 | 601 | 0.00 | 0.00 | -18.70251  | 2.290E-15 | 7.54060 |
| EQy 602 | 602 | 0.00 | 0.00 | -18.64486  | -1.46738  | 7.54060 |
| EQy 603 | 603 | 0.00 | 0.00 | -18.47225  | -2.92572  | 7.54060 |
| EQy 604 | 604 | 0.00 | 0.00 | -18.18576  | -4.36601  | 7.54060 |
| EQy 605 | 605 | 0.00 | 0.00 | -17.78715  | -5.77939  | 7.54060 |
| EQy 606 | 606 | 0.00 | 0.00 | -17.27887  | -7.15714  | 7.54060 |
| EQy 607 | 607 | 0.00 | 0.00 | -16.66406  | -8.49076  | 7.54060 |
| EQy 608 | 608 | 0.00 | 0.00 | -15.94651  | -9.77204  | 7.54060 |
| EQy 609 | 609 | 0.00 | 0.00 | -15.13065  | -10.99306 | 7.54060 |
| EQy 610 | 610 | 0.00 | 0.00 | -14.22150  | -12.14631 | 7.54060 |
| EQy 611 | 611 | 0.00 | 0.00 | -13.22467  | -13.22467 | 7.54060 |
| EQy 612 | 612 | 0.00 | 0.00 | -12.14631  | -14.22150 | 7.54060 |
| EQy 613 | 613 | 0.00 | 0.00 | -10.99306  | -15.13065 | 7.54060 |
| EQy 614 | 614 | 0.00 | 0.00 | -9.77204   | -15.94651 | 7.54060 |
| EQy 615 | 615 | 0.00 | 0.00 | -8.49076   | -16.66406 | 7.54060 |
| EQy 616 | 616 | 0.00 | 0.00 | -7.15714   | -17.27887 | 7.54060 |
| EQy 617 | 617 | 0.00 | 0.00 | -5.77939   | -17.78715 | 7.54060 |
| EQy 618 | 618 | 0.00 | 0.00 | -4.36601   | -18.18576 | 7.54060 |
| EQy 619 | 619 | 0.00 | 0.00 | -2.92572   | -18.47225 | 7.54060 |
| EQy 620 | 620 | 0.00 | 0.00 | -1.46738   | -18.64486 | 7.54060 |
| EQy 621 | 621 | 0.00 | 0.00 | -3.435E-15 | -18.70251 | 7.54060 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 60 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |     |     |      |      |            |           |         |
|-----|-----|-----|------|------|------------|-----------|---------|
| EQy | 622 | 622 | 0.00 | 0.00 | 1.46738    | -18.64486 | 7.54060 |
| EQy | 623 | 623 | 0.00 | 0.00 | 2.92572    | -18.47225 | 7.54060 |
| EQy | 624 | 624 | 0.00 | 0.00 | 4.36601    | -18.18576 | 7.54060 |
| EQy | 625 | 625 | 0.00 | 0.00 | 5.77939    | -17.78715 | 7.54060 |
| EQy | 626 | 626 | 0.00 | 0.00 | 7.15714    | -17.27887 | 7.54060 |
| EQy | 627 | 627 | 0.00 | 0.00 | 8.49076    | -16.66406 | 7.54060 |
| EQy | 628 | 628 | 0.00 | 0.00 | 9.77204    | -15.94651 | 7.54060 |
| EQy | 629 | 629 | 0.00 | 0.00 | 10.99306   | -15.13065 | 7.54060 |
| EQy | 630 | 630 | 0.00 | 0.00 | 12.14631   | -14.22150 | 7.54060 |
| EQy | 631 | 631 | 0.00 | 0.00 | 13.22467   | -13.22467 | 7.54060 |
| EQy | 632 | 632 | 0.00 | 0.00 | 14.22150   | -12.14631 | 7.54060 |
| EQy | 633 | 633 | 0.00 | 0.00 | 15.13065   | -10.99306 | 7.54060 |
| EQy | 634 | 634 | 0.00 | 0.00 | 15.94651   | -9.77204  | 7.54060 |
| EQy | 635 | 635 | 0.00 | 0.00 | 16.66406   | -8.49076  | 7.54060 |
| EQy | 636 | 636 | 0.00 | 0.00 | 17.27887   | -7.15714  | 7.54060 |
| EQy | 637 | 637 | 0.00 | 0.00 | 17.78715   | -5.77939  | 7.54060 |
| EQy | 638 | 638 | 0.00 | 0.00 | 18.18576   | -4.36601  | 7.54060 |
| EQy | 639 | 639 | 0.00 | 0.00 | 18.47225   | -2.92572  | 7.54060 |
| EQy | 640 | 640 | 0.00 | 0.00 | 18.64486   | -1.46738  | 7.54060 |
| EQy | 641 | 641 | 0.00 | 0.00 | 16.65939   | 1.31112   | 8.29496 |
| EQy | 642 | 642 | 0.00 | 0.00 | 16.71091   | 0.00000   | 8.29496 |
| EQy | 643 | 643 | 0.00 | 0.00 | 16.50517   | 2.61416   | 8.29496 |
| EQy | 644 | 644 | 0.00 | 0.00 | 16.24918   | 3.90108   | 8.29496 |
| EQy | 645 | 645 | 0.00 | 0.00 | 15.89302   | 5.16395   | 8.29496 |
| EQy | 646 | 646 | 0.00 | 0.00 | 15.43886   | 6.39499   | 8.29496 |
| EQy | 647 | 647 | 0.00 | 0.00 | 14.88953   | 7.58659   | 8.29496 |
| EQy | 648 | 648 | 0.00 | 0.00 | 14.24839   | 8.73142   | 8.29496 |
| EQy | 649 | 649 | 0.00 | 0.00 | 13.51941   | 9.82242   | 8.29496 |
| EQy | 650 | 650 | 0.00 | 0.00 | 12.70707   | 10.85287  | 8.29496 |
| EQy | 651 | 651 | 0.00 | 0.00 | 11.81640   | 11.81640  | 8.29496 |
| EQy | 652 | 652 | 0.00 | 0.00 | 10.85287   | 12.70707  | 8.29496 |
| EQy | 653 | 653 | 0.00 | 0.00 | 9.82242    | 13.51941  | 8.29496 |
| EQy | 654 | 654 | 0.00 | 0.00 | 8.73142    | 14.24839  | 8.29496 |
| EQy | 655 | 655 | 0.00 | 0.00 | 7.58659    | 14.88953  | 8.29496 |
| EQy | 656 | 656 | 0.00 | 0.00 | 6.39499    | 15.43886  | 8.29496 |
| EQy | 657 | 657 | 0.00 | 0.00 | 5.16395    | 15.89302  | 8.29496 |
| EQy | 658 | 658 | 0.00 | 0.00 | 3.90108    | 16.24918  | 8.29496 |
| EQy | 659 | 659 | 0.00 | 0.00 | 2.61416    | 16.50517  | 8.29496 |
| EQy | 660 | 660 | 0.00 | 0.00 | 1.31112    | 16.65939  | 8.29496 |
| EQy | 661 | 661 | 0.00 | 0.00 | 1.023E-15  | 16.71091  | 8.29496 |
| EQy | 662 | 662 | 0.00 | 0.00 | -1.31112   | 16.65939  | 8.29496 |
| EQy | 663 | 663 | 0.00 | 0.00 | -2.61416   | 16.50517  | 8.29496 |
| EQy | 664 | 664 | 0.00 | 0.00 | -3.90108   | 16.24918  | 8.29496 |
| EQy | 665 | 665 | 0.00 | 0.00 | -5.16395   | 15.89302  | 8.29496 |
| EQy | 666 | 666 | 0.00 | 0.00 | -6.39499   | 15.43886  | 8.29496 |
| EQy | 667 | 667 | 0.00 | 0.00 | -7.58659   | 14.88953  | 8.29496 |
| EQy | 668 | 668 | 0.00 | 0.00 | -8.73142   | 14.24839  | 8.29496 |
| EQy | 669 | 669 | 0.00 | 0.00 | -9.82242   | 13.51941  | 8.29496 |
| EQy | 670 | 670 | 0.00 | 0.00 | -10.85287  | 12.70707  | 8.29496 |
| EQy | 671 | 671 | 0.00 | 0.00 | -11.81640  | 11.81640  | 8.29496 |
| EQy | 672 | 672 | 0.00 | 0.00 | -12.70707  | 10.85287  | 8.29496 |
| EQy | 673 | 673 | 0.00 | 0.00 | -13.51941  | 9.82242   | 8.29496 |
| EQy | 674 | 674 | 0.00 | 0.00 | -14.24839  | 8.73142   | 8.29496 |
| EQy | 675 | 675 | 0.00 | 0.00 | -14.88953  | 7.58659   | 8.29496 |
| EQy | 676 | 676 | 0.00 | 0.00 | -15.43886  | 6.39499   | 8.29496 |
| EQy | 677 | 677 | 0.00 | 0.00 | -15.89302  | 5.16395   | 8.29496 |
| EQy | 678 | 678 | 0.00 | 0.00 | -16.24918  | 3.90108   | 8.29496 |
| EQy | 679 | 679 | 0.00 | 0.00 | -16.50517  | 2.61416   | 8.29496 |
| EQy | 680 | 680 | 0.00 | 0.00 | -16.65939  | 1.31112   | 8.29496 |
| EQy | 681 | 681 | 0.00 | 0.00 | -16.71091  | 2.046E-15 | 8.29496 |
| EQy | 682 | 682 | 0.00 | 0.00 | -16.65939  | -1.31112  | 8.29496 |
| EQy | 683 | 683 | 0.00 | 0.00 | -16.50517  | -2.61416  | 8.29496 |
| EQy | 684 | 684 | 0.00 | 0.00 | -16.24918  | -3.90108  | 8.29496 |
| EQy | 685 | 685 | 0.00 | 0.00 | -15.89302  | -5.16395  | 8.29496 |
| EQy | 686 | 686 | 0.00 | 0.00 | -15.43886  | -6.39499  | 8.29496 |
| EQy | 687 | 687 | 0.00 | 0.00 | -14.88953  | -7.58659  | 8.29496 |
| EQy | 688 | 688 | 0.00 | 0.00 | -14.24839  | -8.73142  | 8.29496 |
| EQy | 689 | 689 | 0.00 | 0.00 | -13.51941  | -9.82242  | 8.29496 |
| EQy | 690 | 690 | 0.00 | 0.00 | -12.70707  | -10.85287 | 8.29496 |
| EQy | 691 | 691 | 0.00 | 0.00 | -11.81640  | -11.81640 | 8.29496 |
| EQy | 692 | 692 | 0.00 | 0.00 | -10.85287  | -12.70707 | 8.29496 |
| EQy | 693 | 693 | 0.00 | 0.00 | -9.82242   | -13.51941 | 8.29496 |
| EQy | 694 | 694 | 0.00 | 0.00 | -8.73142   | -14.24839 | 8.29496 |
| EQy | 695 | 695 | 0.00 | 0.00 | -7.58659   | -14.88953 | 8.29496 |
| EQy | 696 | 696 | 0.00 | 0.00 | -6.39499   | -15.43886 | 8.29496 |
| EQy | 697 | 697 | 0.00 | 0.00 | -5.16395   | -15.89302 | 8.29496 |
| EQy | 698 | 698 | 0.00 | 0.00 | -3.90108   | -16.24918 | 8.29496 |
| EQy | 699 | 699 | 0.00 | 0.00 | -2.61416   | -16.50517 | 8.29496 |
| EQy | 700 | 700 | 0.00 | 0.00 | -1.31112   | -16.65939 | 8.29496 |
| EQy | 701 | 701 | 0.00 | 0.00 | -3.070E-15 | -16.71091 | 8.29496 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 61 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |     |     |      |      |            |           |         |
|-----|-----|-----|------|------|------------|-----------|---------|
| EQy | 702 | 702 | 0.00 | 0.00 | 1.31112    | -16.65939 | 8.29496 |
| EQy | 703 | 703 | 0.00 | 0.00 | 2.61416    | -16.50517 | 8.29496 |
| EQy | 704 | 704 | 0.00 | 0.00 | 3.90108    | -16.24918 | 8.29496 |
| EQy | 705 | 705 | 0.00 | 0.00 | 5.16395    | -15.89302 | 8.29496 |
| EQy | 706 | 706 | 0.00 | 0.00 | 6.39499    | -15.43886 | 8.29496 |
| EQy | 707 | 707 | 0.00 | 0.00 | 7.58659    | -14.88953 | 8.29496 |
| EQy | 708 | 708 | 0.00 | 0.00 | 8.73142    | -14.24839 | 8.29496 |
| EQy | 709 | 709 | 0.00 | 0.00 | 9.82242    | -13.51941 | 8.29496 |
| EQy | 710 | 710 | 0.00 | 0.00 | 10.85287   | -12.70707 | 8.29496 |
| EQy | 711 | 711 | 0.00 | 0.00 | 11.81640   | -11.81640 | 8.29496 |
| EQy | 712 | 712 | 0.00 | 0.00 | 12.70707   | -10.85287 | 8.29496 |
| EQy | 713 | 713 | 0.00 | 0.00 | 13.51941   | -9.82242  | 8.29496 |
| EQy | 714 | 714 | 0.00 | 0.00 | 14.24839   | -8.73142  | 8.29496 |
| EQy | 715 | 715 | 0.00 | 0.00 | 14.88953   | -7.58659  | 8.29496 |
| EQy | 716 | 716 | 0.00 | 0.00 | 15.43886   | -6.39499  | 8.29496 |
| EQy | 717 | 717 | 0.00 | 0.00 | 15.89302   | -5.16395  | 8.29496 |
| EQy | 718 | 718 | 0.00 | 0.00 | 16.24918   | -3.90108  | 8.29496 |
| EQy | 719 | 719 | 0.00 | 0.00 | 16.50517   | -2.61416  | 8.29496 |
| EQy | 720 | 720 | 0.00 | 0.00 | 16.65939   | -1.31112  | 8.29496 |
| EQy | 721 | 721 | 0.00 | 0.00 | 14.64370   | 1.15248   | 8.96383 |
| EQy | 722 | 722 | 0.00 | 0.00 | 14.68898   | 0.00000   | 8.96383 |
| EQy | 723 | 723 | 0.00 | 0.00 | 14.50814   | 2.29786   | 8.96383 |
| EQy | 724 | 724 | 0.00 | 0.00 | 14.28313   | 3.42908   | 8.96383 |
| EQy | 725 | 725 | 0.00 | 0.00 | 13.97005   | 4.53915   | 8.96383 |
| EQy | 726 | 726 | 0.00 | 0.00 | 13.57085   | 5.62123   | 8.96383 |
| EQy | 727 | 727 | 0.00 | 0.00 | 13.08798   | 6.66866   | 8.96383 |
| EQy | 728 | 728 | 0.00 | 0.00 | 12.52442   | 7.67497   | 8.96383 |
| EQy | 729 | 729 | 0.00 | 0.00 | 11.88364   | 8.63397   | 8.96383 |
| EQy | 730 | 730 | 0.00 | 0.00 | 11.16959   | 9.53973   | 8.96383 |
| EQy | 731 | 731 | 0.00 | 0.00 | 10.38668   | 10.38668  | 8.96383 |
| EQy | 732 | 732 | 0.00 | 0.00 | 9.53973    | 11.16959  | 8.96383 |
| EQy | 733 | 733 | 0.00 | 0.00 | 8.63397    | 11.88364  | 8.96383 |
| EQy | 734 | 734 | 0.00 | 0.00 | 7.67497    | 12.52442  | 8.96383 |
| EQy | 735 | 735 | 0.00 | 0.00 | 6.66866    | 13.08798  | 8.96383 |
| EQy | 736 | 736 | 0.00 | 0.00 | 5.62123    | 13.57085  | 8.96383 |
| EQy | 737 | 737 | 0.00 | 0.00 | 4.53915    | 13.97005  | 8.96383 |
| EQy | 738 | 738 | 0.00 | 0.00 | 3.42908    | 14.28313  | 8.96383 |
| EQy | 739 | 739 | 0.00 | 0.00 | 2.29786    | 14.50814  | 8.96383 |
| EQy | 740 | 740 | 0.00 | 0.00 | 1.15248    | 14.64370  | 8.96383 |
| EQy | 741 | 741 | 0.00 | 0.00 | 8.994E-16  | 14.68898  | 8.96383 |
| EQy | 742 | 742 | 0.00 | 0.00 | -1.15248   | 14.64370  | 8.96383 |
| EQy | 743 | 743 | 0.00 | 0.00 | -2.29786   | 14.50814  | 8.96383 |
| EQy | 744 | 744 | 0.00 | 0.00 | -3.42908   | 14.28313  | 8.96383 |
| EQy | 745 | 745 | 0.00 | 0.00 | -4.53915   | 13.97005  | 8.96383 |
| EQy | 746 | 746 | 0.00 | 0.00 | -5.62123   | 13.57085  | 8.96383 |
| EQy | 747 | 747 | 0.00 | 0.00 | -6.66866   | 13.08798  | 8.96383 |
| EQy | 748 | 748 | 0.00 | 0.00 | -7.67497   | 12.52442  | 8.96383 |
| EQy | 749 | 749 | 0.00 | 0.00 | -8.63397   | 11.88364  | 8.96383 |
| EQy | 750 | 750 | 0.00 | 0.00 | -9.53973   | 11.16959  | 8.96383 |
| EQy | 751 | 751 | 0.00 | 0.00 | -10.38668  | 10.38668  | 8.96383 |
| EQy | 752 | 752 | 0.00 | 0.00 | -11.16959  | 9.53973   | 8.96383 |
| EQy | 753 | 753 | 0.00 | 0.00 | -11.88364  | 8.63397   | 8.96383 |
| EQy | 754 | 754 | 0.00 | 0.00 | -12.52442  | 7.67497   | 8.96383 |
| EQy | 755 | 755 | 0.00 | 0.00 | -13.08798  | 6.66866   | 8.96383 |
| EQy | 756 | 756 | 0.00 | 0.00 | -13.57085  | 5.62123   | 8.96383 |
| EQy | 757 | 757 | 0.00 | 0.00 | -13.97005  | 4.53915   | 8.96383 |
| EQy | 758 | 758 | 0.00 | 0.00 | -14.28313  | 3.42908   | 8.96383 |
| EQy | 759 | 759 | 0.00 | 0.00 | -14.50814  | 2.29786   | 8.96383 |
| EQy | 760 | 760 | 0.00 | 0.00 | -14.64370  | 1.15248   | 8.96383 |
| EQy | 761 | 761 | 0.00 | 0.00 | -14.68898  | 1.799E-15 | 8.96383 |
| EQy | 762 | 762 | 0.00 | 0.00 | -14.64370  | -1.15248  | 8.96383 |
| EQy | 763 | 763 | 0.00 | 0.00 | -14.50814  | -2.29786  | 8.96383 |
| EQy | 764 | 764 | 0.00 | 0.00 | -14.28313  | -3.42908  | 8.96383 |
| EQy | 765 | 765 | 0.00 | 0.00 | -13.97005  | -4.53915  | 8.96383 |
| EQy | 766 | 766 | 0.00 | 0.00 | -13.57085  | -5.62123  | 8.96383 |
| EQy | 767 | 767 | 0.00 | 0.00 | -13.08798  | -6.66866  | 8.96383 |
| EQy | 768 | 768 | 0.00 | 0.00 | -12.52442  | -7.67497  | 8.96383 |
| EQy | 769 | 769 | 0.00 | 0.00 | -11.88364  | -8.63397  | 8.96383 |
| EQy | 770 | 770 | 0.00 | 0.00 | -11.16959  | -9.53973  | 8.96383 |
| EQy | 771 | 771 | 0.00 | 0.00 | -10.38668  | -10.38668 | 8.96383 |
| EQy | 772 | 772 | 0.00 | 0.00 | -9.53973   | -11.16959 | 8.96383 |
| EQy | 773 | 773 | 0.00 | 0.00 | -8.63397   | -11.88364 | 8.96383 |
| EQy | 774 | 774 | 0.00 | 0.00 | -7.67497   | -12.52442 | 8.96383 |
| EQy | 775 | 775 | 0.00 | 0.00 | -6.66866   | -13.08798 | 8.96383 |
| EQy | 776 | 776 | 0.00 | 0.00 | -5.62123   | -13.57085 | 8.96383 |
| EQy | 777 | 777 | 0.00 | 0.00 | -4.53915   | -13.97005 | 8.96383 |
| EQy | 778 | 778 | 0.00 | 0.00 | -3.42908   | -14.28313 | 8.96383 |
| EQy | 779 | 779 | 0.00 | 0.00 | -2.29786   | -14.50814 | 8.96383 |
| EQy | 780 | 780 | 0.00 | 0.00 | -1.15248   | -14.64370 | 8.96383 |
| EQy | 781 | 781 | 0.00 | 0.00 | -2.698E-15 | -14.68898 | 8.96383 |



## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 62 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |     |     |      |      |            |           |         |
|-----|-----|-----|------|------|------------|-----------|---------|
| EQy | 782 | 782 | 0.00 | 0.00 | 1.15248    | -14.64370 | 8.96383 |
| EQy | 783 | 783 | 0.00 | 0.00 | 2.29786    | -14.50814 | 8.96383 |
| EQy | 784 | 784 | 0.00 | 0.00 | 3.42908    | -14.28313 | 8.96383 |
| EQy | 785 | 785 | 0.00 | 0.00 | 4.53915    | -13.97005 | 8.96383 |
| EQy | 786 | 786 | 0.00 | 0.00 | 5.62123    | -13.57085 | 8.96383 |
| EQy | 787 | 787 | 0.00 | 0.00 | 6.66866    | -13.08798 | 8.96383 |
| EQy | 788 | 788 | 0.00 | 0.00 | 7.67497    | -12.52442 | 8.96383 |
| EQy | 789 | 789 | 0.00 | 0.00 | 8.63397    | -11.88364 | 8.96383 |
| EQy | 790 | 790 | 0.00 | 0.00 | 9.53973    | -11.16959 | 8.96383 |
| EQy | 791 | 791 | 0.00 | 0.00 | 10.38668   | -10.38668 | 8.96383 |
| EQy | 792 | 792 | 0.00 | 0.00 | 11.16959   | -9.53973  | 8.96383 |
| EQy | 793 | 793 | 0.00 | 0.00 | 11.88364   | -8.63397  | 8.96383 |
| EQy | 794 | 794 | 0.00 | 0.00 | 12.52442   | -7.67497  | 8.96383 |
| EQy | 795 | 795 | 0.00 | 0.00 | 13.08798   | -6.66866  | 8.96383 |
| EQy | 796 | 796 | 0.00 | 0.00 | 13.57085   | -5.62123  | 8.96383 |
| EQy | 797 | 797 | 0.00 | 0.00 | 13.97005   | -4.53915  | 8.96383 |
| EQy | 798 | 798 | 0.00 | 0.00 | 14.28313   | -3.42908  | 8.96383 |
| EQy | 799 | 799 | 0.00 | 0.00 | 14.50814   | -2.29786  | 8.96383 |
| EQy | 800 | 800 | 0.00 | 0.00 | 14.64370   | -1.15248  | 8.96383 |
| EQy | 801 | 801 | 0.00 | 0.00 | 12.60144   | 0.99176   | 9.54600 |
| EQy | 802 | 802 | 0.00 | 0.00 | 12.64041   | 0.00000   | 9.54600 |
| EQy | 803 | 803 | 0.00 | 0.00 | 12.48479   | 1.97740   | 9.54600 |
| EQy | 804 | 804 | 0.00 | 0.00 | 12.29115   | 2.95085   | 9.54600 |
| EQy | 805 | 805 | 0.00 | 0.00 | 12.02174   | 3.90610   | 9.54600 |
| EQy | 806 | 806 | 0.00 | 0.00 | 11.67822   | 4.83728   | 9.54600 |
| EQy | 807 | 807 | 0.00 | 0.00 | 11.26269   | 5.73863   | 9.54600 |
| EQy | 808 | 808 | 0.00 | 0.00 | 10.77772   | 6.60460   | 9.54600 |
| EQy | 809 | 809 | 0.00 | 0.00 | 10.22631   | 7.42985   | 9.54600 |
| EQy | 810 | 810 | 0.00 | 0.00 | 9.61184    | 8.20929   | 9.54600 |
| EQy | 811 | 811 | 0.00 | 0.00 | 8.93812    | 8.93812   | 9.54600 |
| EQy | 812 | 812 | 0.00 | 0.00 | 8.20929    | 9.61184   | 9.54600 |
| EQy | 813 | 813 | 0.00 | 0.00 | 7.42985    | 10.22631  | 9.54600 |
| EQy | 814 | 814 | 0.00 | 0.00 | 6.60460    | 10.77772  | 9.54600 |
| EQy | 815 | 815 | 0.00 | 0.00 | 5.73863    | 11.26269  | 9.54600 |
| EQy | 816 | 816 | 0.00 | 0.00 | 4.83728    | 11.67822  | 9.54600 |
| EQy | 817 | 817 | 0.00 | 0.00 | 3.90610    | 12.02174  | 9.54600 |
| EQy | 818 | 818 | 0.00 | 0.00 | 2.95085    | 12.29115  | 9.54600 |
| EQy | 819 | 819 | 0.00 | 0.00 | 1.97740    | 12.48479  | 9.54600 |
| EQy | 820 | 820 | 0.00 | 0.00 | 0.99176    | 12.60144  | 9.54600 |
| EQy | 821 | 821 | 0.00 | 0.00 | 7.740E-16  | 12.64041  | 9.54600 |
| EQy | 822 | 822 | 0.00 | 0.00 | -0.99176   | 12.60144  | 9.54600 |
| EQy | 823 | 823 | 0.00 | 0.00 | -1.97740   | 12.48479  | 9.54600 |
| EQy | 824 | 824 | 0.00 | 0.00 | -2.95085   | 12.29115  | 9.54600 |
| EQy | 825 | 825 | 0.00 | 0.00 | -3.90610   | 12.02174  | 9.54600 |
| EQy | 826 | 826 | 0.00 | 0.00 | -4.83728   | 11.67822  | 9.54600 |
| EQy | 827 | 827 | 0.00 | 0.00 | -5.73863   | 11.26269  | 9.54600 |
| EQy | 828 | 828 | 0.00 | 0.00 | -6.60460   | 10.77772  | 9.54600 |
| EQy | 829 | 829 | 0.00 | 0.00 | -7.42985   | 10.22631  | 9.54600 |
| EQy | 830 | 830 | 0.00 | 0.00 | -8.20929   | 9.61184   | 9.54600 |
| EQy | 831 | 831 | 0.00 | 0.00 | -8.93812   | 8.93812   | 9.54600 |
| EQy | 832 | 832 | 0.00 | 0.00 | -9.61184   | 8.20929   | 9.54600 |
| EQy | 833 | 833 | 0.00 | 0.00 | -10.22631  | 7.42985   | 9.54600 |
| EQy | 834 | 834 | 0.00 | 0.00 | -10.77772  | 6.60460   | 9.54600 |
| EQy | 835 | 835 | 0.00 | 0.00 | -11.26269  | 5.73863   | 9.54600 |
| EQy | 836 | 836 | 0.00 | 0.00 | -11.67822  | 4.83728   | 9.54600 |
| EQy | 837 | 837 | 0.00 | 0.00 | -12.02174  | 3.90610   | 9.54600 |
| EQy | 838 | 838 | 0.00 | 0.00 | -12.29115  | 2.95085   | 9.54600 |
| EQy | 839 | 839 | 0.00 | 0.00 | -12.48479  | 1.97740   | 9.54600 |
| EQy | 840 | 840 | 0.00 | 0.00 | -12.60144  | 0.99176   | 9.54600 |
| EQy | 841 | 841 | 0.00 | 0.00 | -12.64041  | 1.548E-15 | 9.54600 |
| EQy | 842 | 842 | 0.00 | 0.00 | -12.60144  | -0.99176  | 9.54600 |
| EQy | 843 | 843 | 0.00 | 0.00 | -12.48479  | -1.97740  | 9.54600 |
| EQy | 844 | 844 | 0.00 | 0.00 | -12.29115  | -2.95085  | 9.54600 |
| EQy | 845 | 845 | 0.00 | 0.00 | -12.02174  | -3.90610  | 9.54600 |
| EQy | 846 | 846 | 0.00 | 0.00 | -11.67822  | -4.83728  | 9.54600 |
| EQy | 847 | 847 | 0.00 | 0.00 | -11.26269  | -5.73863  | 9.54600 |
| EQy | 848 | 848 | 0.00 | 0.00 | -10.77772  | -6.60460  | 9.54600 |
| EQy | 849 | 849 | 0.00 | 0.00 | -10.22631  | -7.42985  | 9.54600 |
| EQy | 850 | 850 | 0.00 | 0.00 | -9.61184   | -8.20929  | 9.54600 |
| EQy | 851 | 851 | 0.00 | 0.00 | -8.93812   | -8.93812  | 9.54600 |
| EQy | 852 | 852 | 0.00 | 0.00 | -8.20929   | -9.61184  | 9.54600 |
| EQy | 853 | 853 | 0.00 | 0.00 | -7.42985   | -10.22631 | 9.54600 |
| EQy | 854 | 854 | 0.00 | 0.00 | -6.60460   | -10.77772 | 9.54600 |
| EQy | 855 | 855 | 0.00 | 0.00 | -5.73863   | -11.26269 | 9.54600 |
| EQy | 856 | 856 | 0.00 | 0.00 | -4.83728   | -11.67822 | 9.54600 |
| EQy | 857 | 857 | 0.00 | 0.00 | -3.90610   | -12.02174 | 9.54600 |
| EQy | 858 | 858 | 0.00 | 0.00 | -2.95085   | -12.29115 | 9.54600 |
| EQy | 859 | 859 | 0.00 | 0.00 | -1.97740   | -12.48479 | 9.54600 |
| EQy | 860 | 860 | 0.00 | 0.00 | -0.99176   | -12.60144 | 9.54600 |
| EQy | 861 | 861 | 0.00 | 0.00 | -2.322E-15 | -12.64041 | 9.54600 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 63 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|         |     |      |      |            |           |          |
|---------|-----|------|------|------------|-----------|----------|
| EQy 862 | 862 | 0.00 | 0.00 | 0.99176    | -12.60144 | 9.54600  |
| EQy 863 | 863 | 0.00 | 0.00 | 1.97740    | -12.48479 | 9.54600  |
| EQy 864 | 864 | 0.00 | 0.00 | 2.95085    | -12.29115 | 9.54600  |
| EQy 865 | 865 | 0.00 | 0.00 | 3.90610    | -12.02174 | 9.54600  |
| EQy 866 | 866 | 0.00 | 0.00 | 4.83728    | -11.67822 | 9.54600  |
| EQy 867 | 867 | 0.00 | 0.00 | 5.73863    | -11.26269 | 9.54600  |
| EQy 868 | 868 | 0.00 | 0.00 | 6.60460    | -10.77772 | 9.54600  |
| EQy 869 | 869 | 0.00 | 0.00 | 7.42985    | -10.22631 | 9.54600  |
| EQy 870 | 870 | 0.00 | 0.00 | 8.20929    | -9.61184  | 9.54600  |
| EQy 871 | 871 | 0.00 | 0.00 | 8.93812    | -8.93812  | 9.54600  |
| EQy 872 | 872 | 0.00 | 0.00 | 9.61184    | -8.20929  | 9.54600  |
| EQy 873 | 873 | 0.00 | 0.00 | 10.22631   | -7.42985  | 9.54600  |
| EQy 874 | 874 | 0.00 | 0.00 | 10.77772   | -6.60460  | 9.54600  |
| EQy 875 | 875 | 0.00 | 0.00 | 11.26269   | -5.73863  | 9.54600  |
| EQy 876 | 876 | 0.00 | 0.00 | 11.67822   | -4.83728  | 9.54600  |
| EQy 877 | 877 | 0.00 | 0.00 | 12.02174   | -3.90610  | 9.54600  |
| EQy 878 | 878 | 0.00 | 0.00 | 12.29115   | -2.95085  | 9.54600  |
| EQy 879 | 879 | 0.00 | 0.00 | 12.48479   | -1.97740  | 9.54600  |
| EQy 880 | 880 | 0.00 | 0.00 | 12.60144   | -0.99176  | 9.54600  |
| EQy 881 | 881 | 0.00 | 0.00 | 10.53632   | 0.82923   | 10.04039 |
| EQy 882 | 882 | 0.00 | 0.00 | 10.56891   | 0.00000   | 10.04039 |
| EQy 883 | 883 | 0.00 | 0.00 | 10.43878   | 1.65334   | 10.04039 |
| EQy 884 | 884 | 0.00 | 0.00 | 10.27689   | 2.46726   | 10.04039 |
| EQy 885 | 885 | 0.00 | 0.00 | 10.05163   | 3.26597   | 10.04039 |
| EQy 886 | 886 | 0.00 | 0.00 | 9.76440    | 4.04454   | 10.04039 |
| EQy 887 | 887 | 0.00 | 0.00 | 9.41696    | 4.79818   | 10.04039 |
| EQy 888 | 888 | 0.00 | 0.00 | 9.01147    | 5.52224   | 10.04039 |
| EQy 889 | 889 | 0.00 | 0.00 | 8.55042    | 6.21225   | 10.04039 |
| EQy 890 | 890 | 0.00 | 0.00 | 8.03666    | 6.86395   | 10.04039 |
| EQy 891 | 891 | 0.00 | 0.00 | 7.47334    | 7.47334   | 10.04039 |
| EQy 892 | 892 | 0.00 | 0.00 | 6.86395    | 8.03666   | 10.04039 |
| EQy 893 | 893 | 0.00 | 0.00 | 6.21225    | 8.55042   | 10.04039 |
| EQy 894 | 894 | 0.00 | 0.00 | 5.52224    | 9.01147   | 10.04039 |
| EQy 895 | 895 | 0.00 | 0.00 | 4.79818    | 9.41696   | 10.04039 |
| EQy 896 | 896 | 0.00 | 0.00 | 4.04454    | 9.76440   | 10.04039 |
| EQy 897 | 897 | 0.00 | 0.00 | 3.26597    | 10.05163  | 10.04039 |
| EQy 898 | 898 | 0.00 | 0.00 | 2.46726    | 10.27689  | 10.04039 |
| EQy 899 | 899 | 0.00 | 0.00 | 1.65334    | 10.43878  | 10.04039 |
| EQy 900 | 900 | 0.00 | 0.00 | 0.82923    | 10.53632  | 10.04039 |
| EQy 901 | 901 | 0.00 | 0.00 | 6.471E-16  | 10.56891  | 10.04039 |
| EQy 902 | 902 | 0.00 | 0.00 | -0.82923   | 10.53632  | 10.04039 |
| EQy 903 | 903 | 0.00 | 0.00 | -1.65334   | 10.43878  | 10.04039 |
| EQy 904 | 904 | 0.00 | 0.00 | -2.46726   | 10.27689  | 10.04039 |
| EQy 905 | 905 | 0.00 | 0.00 | -3.26597   | 10.05163  | 10.04039 |
| EQy 906 | 906 | 0.00 | 0.00 | -4.04454   | 9.76440   | 10.04039 |
| EQy 907 | 907 | 0.00 | 0.00 | -4.79818   | 9.41696   | 10.04039 |
| EQy 908 | 908 | 0.00 | 0.00 | -5.52224   | 9.01147   | 10.04039 |
| EQy 909 | 909 | 0.00 | 0.00 | -6.21225   | 8.55042   | 10.04039 |
| EQy 910 | 910 | 0.00 | 0.00 | -6.86395   | 8.03666   | 10.04039 |
| EQy 911 | 911 | 0.00 | 0.00 | -7.47334   | 7.47334   | 10.04039 |
| EQy 912 | 912 | 0.00 | 0.00 | -8.03666   | 6.86395   | 10.04039 |
| EQy 913 | 913 | 0.00 | 0.00 | -8.55042   | 6.21225   | 10.04039 |
| EQy 914 | 914 | 0.00 | 0.00 | -9.01147   | 5.52224   | 10.04039 |
| EQy 915 | 915 | 0.00 | 0.00 | -9.41696   | 4.79818   | 10.04039 |
| EQy 916 | 916 | 0.00 | 0.00 | -9.76440   | 4.04454   | 10.04039 |
| EQy 917 | 917 | 0.00 | 0.00 | -10.05163  | 3.26597   | 10.04039 |
| EQy 918 | 918 | 0.00 | 0.00 | -10.27689  | 2.46726   | 10.04039 |
| EQy 919 | 919 | 0.00 | 0.00 | -10.43878  | 1.65334   | 10.04039 |
| EQy 920 | 920 | 0.00 | 0.00 | -10.53632  | 0.82923   | 10.04039 |
| EQy 921 | 921 | 0.00 | 0.00 | -10.56891  | 1.294E-15 | 10.04039 |
| EQy 922 | 922 | 0.00 | 0.00 | -10.53632  | -0.82923  | 10.04039 |
| EQy 923 | 923 | 0.00 | 0.00 | -10.43878  | -1.65334  | 10.04039 |
| EQy 924 | 924 | 0.00 | 0.00 | -10.27689  | -2.46726  | 10.04039 |
| EQy 925 | 925 | 0.00 | 0.00 | -10.05163  | -3.26597  | 10.04039 |
| EQy 926 | 926 | 0.00 | 0.00 | -9.76440   | -4.04454  | 10.04039 |
| EQy 927 | 927 | 0.00 | 0.00 | -9.41696   | -4.79818  | 10.04039 |
| EQy 928 | 928 | 0.00 | 0.00 | -9.01147   | -5.52224  | 10.04039 |
| EQy 929 | 929 | 0.00 | 0.00 | -8.55042   | -6.21225  | 10.04039 |
| EQy 930 | 930 | 0.00 | 0.00 | -8.03666   | -6.86395  | 10.04039 |
| EQy 931 | 931 | 0.00 | 0.00 | -7.47334   | -7.47334  | 10.04039 |
| EQy 932 | 932 | 0.00 | 0.00 | -6.86395   | -8.03666  | 10.04039 |
| EQy 933 | 933 | 0.00 | 0.00 | -6.21225   | -8.55042  | 10.04039 |
| EQy 934 | 934 | 0.00 | 0.00 | -5.52224   | -9.01147  | 10.04039 |
| EQy 935 | 935 | 0.00 | 0.00 | -4.79818   | -9.41696  | 10.04039 |
| EQy 936 | 936 | 0.00 | 0.00 | -4.04454   | -9.76440  | 10.04039 |
| EQy 937 | 937 | 0.00 | 0.00 | -3.26597   | -10.05163 | 10.04039 |
| EQy 938 | 938 | 0.00 | 0.00 | -2.46726   | -10.27689 | 10.04039 |
| EQy 939 | 939 | 0.00 | 0.00 | -1.65334   | -10.43878 | 10.04039 |
| EQy 940 | 940 | 0.00 | 0.00 | -0.82923   | -10.53632 | 10.04039 |
| EQy 941 | 941 | 0.00 | 0.00 | -1.941E-15 | -10.56891 | 10.04039 |

**Roof Calculation Book**  
 for  
**CONDENSATE STORAGE TANK**

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 64 of 70   |      |

Document No.:  
 SEC-PJ073-4501/A/B/C-A4-001

|     |      |      |      |      |            |           |          |
|-----|------|------|------|------|------------|-----------|----------|
| EQy | 942  | 942  | 0.00 | 0.00 | 0.82923    | -10.53632 | 10.04039 |
| EQy | 943  | 943  | 0.00 | 0.00 | 1.65334    | -10.43878 | 10.04039 |
| EQy | 944  | 944  | 0.00 | 0.00 | 2.46726    | -10.27689 | 10.04039 |
| EQy | 945  | 945  | 0.00 | 0.00 | 3.26597    | -10.05163 | 10.04039 |
| EQy | 946  | 946  | 0.00 | 0.00 | 4.04454    | -9.76440  | 10.04039 |
| EQy | 947  | 947  | 0.00 | 0.00 | 4.79818    | -9.41696  | 10.04039 |
| EQy | 948  | 948  | 0.00 | 0.00 | 5.52224    | -9.01147  | 10.04039 |
| EQy | 949  | 949  | 0.00 | 0.00 | 6.21225    | -8.55042  | 10.04039 |
| EQy | 950  | 950  | 0.00 | 0.00 | 6.86395    | -8.03666  | 10.04039 |
| EQy | 951  | 951  | 0.00 | 0.00 | 7.47334    | -7.47334  | 10.04039 |
| EQy | 952  | 952  | 0.00 | 0.00 | 8.03666    | -6.86395  | 10.04039 |
| EQy | 953  | 953  | 0.00 | 0.00 | 8.55042    | -6.21225  | 10.04039 |
| EQy | 954  | 954  | 0.00 | 0.00 | 9.01147    | -5.52224  | 10.04039 |
| EQy | 955  | 955  | 0.00 | 0.00 | 9.41696    | -4.79818  | 10.04039 |
| EQy | 956  | 956  | 0.00 | 0.00 | 9.76440    | -4.04454  | 10.04039 |
| EQy | 957  | 957  | 0.00 | 0.00 | 10.05163   | -3.26597  | 10.04039 |
| EQy | 958  | 958  | 0.00 | 0.00 | 10.27689   | -2.46726  | 10.04039 |
| EQy | 959  | 959  | 0.00 | 0.00 | 10.43878   | -1.65334  | 10.04039 |
| EQy | 960  | 960  | 0.00 | 0.00 | 10.53632   | -0.82923  | 10.04039 |
| EQy | 961  | 961  | 0.00 | 0.00 | 8.45209    | 0.66519   | 10.44613 |
| EQy | 962  | 962  | 0.00 | 0.00 | 8.47823    | 0.00000   | 10.44613 |
| EQy | 963  | 963  | 0.00 | 0.00 | 8.37384    | 1.32629   | 10.44613 |
| EQy | 964  | 964  | 0.00 | 0.00 | 8.24397    | 1.97920   | 10.44613 |
| EQy | 965  | 965  | 0.00 | 0.00 | 8.06327    | 2.61992   | 10.44613 |
| EQy | 966  | 966  | 0.00 | 0.00 | 7.83286    | 3.24448   | 10.44613 |
| EQy | 967  | 967  | 0.00 | 0.00 | 7.55415    | 3.84903   | 10.44613 |
| EQy | 968  | 968  | 0.00 | 0.00 | 7.22888    | 4.42986   | 10.44613 |
| EQy | 969  | 969  | 0.00 | 0.00 | 6.85903    | 4.98338   | 10.44613 |
| EQy | 970  | 970  | 0.00 | 0.00 | 6.44689    | 5.50617   | 10.44613 |
| EQy | 971  | 971  | 0.00 | 0.00 | 5.99501    | 5.99501   | 10.44613 |
| EQy | 972  | 972  | 0.00 | 0.00 | 5.50617    | 6.44689   | 10.44613 |
| EQy | 973  | 973  | 0.00 | 0.00 | 4.98338    | 6.85903   | 10.44613 |
| EQy | 974  | 974  | 0.00 | 0.00 | 4.42986    | 7.22888   | 10.44613 |
| EQy | 975  | 975  | 0.00 | 0.00 | 3.84903    | 7.55415   | 10.44613 |
| EQy | 976  | 976  | 0.00 | 0.00 | 3.24448    | 7.83286   | 10.44613 |
| EQy | 977  | 977  | 0.00 | 0.00 | 2.61992    | 8.06327   | 10.44613 |
| EQy | 978  | 978  | 0.00 | 0.00 | 1.97920    | 8.24397   | 10.44613 |
| EQy | 979  | 979  | 0.00 | 0.00 | 1.32629    | 8.37384   | 10.44613 |
| EQy | 980  | 980  | 0.00 | 0.00 | 0.66519    | 8.45209   | 10.44613 |
| EQy | 981  | 981  | 0.00 | 0.00 | 5.191E-16  | 8.47823   | 10.44613 |
| EQy | 982  | 982  | 0.00 | 0.00 | -0.66519   | 8.45209   | 10.44613 |
| EQy | 983  | 983  | 0.00 | 0.00 | -1.32629   | 8.37384   | 10.44613 |
| EQy | 984  | 984  | 0.00 | 0.00 | -1.97920   | 8.24397   | 10.44613 |
| EQy | 985  | 985  | 0.00 | 0.00 | -2.61992   | 8.06327   | 10.44613 |
| EQy | 986  | 986  | 0.00 | 0.00 | -3.24448   | 7.83286   | 10.44613 |
| EQy | 987  | 987  | 0.00 | 0.00 | -3.84903   | 7.55415   | 10.44613 |
| EQy | 988  | 988  | 0.00 | 0.00 | -4.42986   | 7.22888   | 10.44613 |
| EQy | 989  | 989  | 0.00 | 0.00 | -4.98338   | 6.85903   | 10.44613 |
| EQy | 990  | 990  | 0.00 | 0.00 | -5.50617   | 6.44689   | 10.44613 |
| EQy | 991  | 991  | 0.00 | 0.00 | -5.99501   | 5.99501   | 10.44613 |
| EQy | 992  | 992  | 0.00 | 0.00 | -6.44689   | 5.50617   | 10.44613 |
| EQy | 993  | 993  | 0.00 | 0.00 | -6.85903   | 4.98338   | 10.44613 |
| EQy | 994  | 994  | 0.00 | 0.00 | -7.22888   | 4.42986   | 10.44613 |
| EQy | 995  | 995  | 0.00 | 0.00 | -7.55415   | 3.84903   | 10.44613 |
| EQy | 996  | 996  | 0.00 | 0.00 | -7.83286   | 3.24448   | 10.44613 |
| EQy | 997  | 997  | 0.00 | 0.00 | -8.06327   | 2.61992   | 10.44613 |
| EQy | 998  | 998  | 0.00 | 0.00 | -8.24397   | 1.97920   | 10.44613 |
| EQy | 999  | 999  | 0.00 | 0.00 | -8.37384   | 1.32629   | 10.44613 |
| EQy | 1000 | 1000 | 0.00 | 0.00 | -8.45209   | 0.66519   | 10.44613 |
| EQy | 1001 | 1001 | 0.00 | 0.00 | -8.47823   | 1.038E-15 | 10.44613 |
| EQy | 1002 | 1002 | 0.00 | 0.00 | -8.45209   | -0.66519  | 10.44613 |
| EQy | 1003 | 1003 | 0.00 | 0.00 | -8.37384   | -1.32629  | 10.44613 |
| EQy | 1004 | 1004 | 0.00 | 0.00 | -8.24397   | -1.97920  | 10.44613 |
| EQy | 1005 | 1005 | 0.00 | 0.00 | -8.06327   | -2.61992  | 10.44613 |
| EQy | 1006 | 1006 | 0.00 | 0.00 | -7.83286   | -3.24448  | 10.44613 |
| EQy | 1007 | 1007 | 0.00 | 0.00 | -7.55415   | -3.84903  | 10.44613 |
| EQy | 1008 | 1008 | 0.00 | 0.00 | -7.22888   | -4.42986  | 10.44613 |
| EQy | 1009 | 1009 | 0.00 | 0.00 | -6.85903   | -4.98338  | 10.44613 |
| EQy | 1010 | 1010 | 0.00 | 0.00 | -6.44689   | -5.50617  | 10.44613 |
| EQy | 1011 | 1011 | 0.00 | 0.00 | -5.99501   | -5.99501  | 10.44613 |
| EQy | 1012 | 1012 | 0.00 | 0.00 | -5.50617   | -6.44689  | 10.44613 |
| EQy | 1013 | 1013 | 0.00 | 0.00 | -4.98338   | -6.85903  | 10.44613 |
| EQy | 1014 | 1014 | 0.00 | 0.00 | -4.42986   | -7.22888  | 10.44613 |
| EQy | 1015 | 1015 | 0.00 | 0.00 | -3.84903   | -7.55415  | 10.44613 |
| EQy | 1016 | 1016 | 0.00 | 0.00 | -3.24448   | -7.83286  | 10.44613 |
| EQy | 1017 | 1017 | 0.00 | 0.00 | -2.61992   | -8.06327  | 10.44613 |
| EQy | 1018 | 1018 | 0.00 | 0.00 | -1.97920   | -8.24397  | 10.44613 |
| EQy | 1019 | 1019 | 0.00 | 0.00 | -1.32629   | -8.37384  | 10.44613 |
| EQy | 1020 | 1020 | 0.00 | 0.00 | -0.66519   | -8.45209  | 10.44613 |
| EQy | 1021 | 1021 | 0.00 | 0.00 | -1.557E-15 | -8.47823  | 10.44613 |



## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 65 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |      |      |      |      |            |           |          |
|-----|------|------|------|------|------------|-----------|----------|
| EQy | 1022 | 1022 | 0.00 | 0.00 | 0.66519    | -8.45209  | 10.44613 |
| EQy | 1023 | 1023 | 0.00 | 0.00 | 1.32629    | -8.37384  | 10.44613 |
| EQy | 1024 | 1024 | 0.00 | 0.00 | 1.97920    | -8.24397  | 10.44613 |
| EQy | 1025 | 1025 | 0.00 | 0.00 | 2.61992    | -8.06327  | 10.44613 |
| EQy | 1026 | 1026 | 0.00 | 0.00 | 3.24448    | -7.83286  | 10.44613 |
| EQy | 1027 | 1027 | 0.00 | 0.00 | 3.84903    | -7.55415  | 10.44613 |
| EQy | 1028 | 1028 | 0.00 | 0.00 | 4.42986    | -7.22888  | 10.44613 |
| EQy | 1029 | 1029 | 0.00 | 0.00 | 4.98338    | -6.85903  | 10.44613 |
| EQy | 1030 | 1030 | 0.00 | 0.00 | 5.50617    | -6.44689  | 10.44613 |
| EQy | 1031 | 1031 | 0.00 | 0.00 | 5.99501    | -5.99501  | 10.44613 |
| EQy | 1032 | 1032 | 0.00 | 0.00 | 6.44689    | -5.50617  | 10.44613 |
| EQy | 1033 | 1033 | 0.00 | 0.00 | 6.85903    | -4.98338  | 10.44613 |
| EQy | 1034 | 1034 | 0.00 | 0.00 | 7.22888    | -4.42986  | 10.44613 |
| EQy | 1035 | 1035 | 0.00 | 0.00 | 7.55415    | -3.84903  | 10.44613 |
| EQy | 1036 | 1036 | 0.00 | 0.00 | 7.83286    | -3.24448  | 10.44613 |
| EQy | 1037 | 1037 | 0.00 | 0.00 | 8.06327    | -2.61992  | 10.44613 |
| EQy | 1038 | 1038 | 0.00 | 0.00 | 8.24397    | -1.97920  | 10.44613 |
| EQy | 1039 | 1039 | 0.00 | 0.00 | 8.37384    | -1.32629  | 10.44613 |
| EQy | 1040 | 1040 | 0.00 | 0.00 | 8.45209    | -0.66519  | 10.44613 |
| EQy | 1041 | 1041 | 0.00 | 0.00 | 6.35252    | 0.49995   | 10.76247 |
| EQy | 1042 | 1042 | 0.00 | 0.00 | 6.37216    | 0.00000   | 10.76247 |
| EQy | 1043 | 1043 | 0.00 | 0.00 | 6.29371    | 0.99683   | 10.76247 |
| EQy | 1044 | 1044 | 0.00 | 0.00 | 6.19610    | 1.48755   | 10.76247 |
| EQy | 1045 | 1045 | 0.00 | 0.00 | 6.06029    | 1.96911   | 10.76247 |
| EQy | 1046 | 1046 | 0.00 | 0.00 | 5.88711    | 2.43852   | 10.76247 |
| EQy | 1047 | 1047 | 0.00 | 0.00 | 5.67764    | 2.89290   | 10.76247 |
| EQy | 1048 | 1048 | 0.00 | 0.00 | 5.43316    | 3.32945   | 10.76247 |
| EQy | 1049 | 1049 | 0.00 | 0.00 | 5.15519    | 3.74546   | 10.76247 |
| EQy | 1050 | 1050 | 0.00 | 0.00 | 4.84543    | 4.13839   | 10.76247 |
| EQy | 1051 | 1051 | 0.00 | 0.00 | 4.50580    | 4.50580   | 10.76247 |
| EQy | 1052 | 1052 | 0.00 | 0.00 | 4.13839    | 4.84543   | 10.76247 |
| EQy | 1053 | 1053 | 0.00 | 0.00 | 3.74546    | 5.15519   | 10.76247 |
| EQy | 1054 | 1054 | 0.00 | 0.00 | 3.32945    | 5.43316   | 10.76247 |
| EQy | 1055 | 1055 | 0.00 | 0.00 | 2.89290    | 5.67764   | 10.76247 |
| EQy | 1056 | 1056 | 0.00 | 0.00 | 2.43852    | 5.88711   | 10.76247 |
| EQy | 1057 | 1057 | 0.00 | 0.00 | 1.96911    | 6.06029   | 10.76247 |
| EQy | 1058 | 1058 | 0.00 | 0.00 | 1.48755    | 6.19610   | 10.76247 |
| EQy | 1059 | 1059 | 0.00 | 0.00 | 0.99683    | 6.29371   | 10.76247 |
| EQy | 1060 | 1060 | 0.00 | 0.00 | 0.49995    | 6.35252   | 10.76247 |
| EQy | 1061 | 1061 | 0.00 | 0.00 | 3.902E-16  | -6.37216  | 10.76247 |
| EQy | 1062 | 1062 | 0.00 | 0.00 | -0.49995   | 6.35252   | 10.76247 |
| EQy | 1063 | 1063 | 0.00 | 0.00 | -0.99683   | 6.29371   | 10.76247 |
| EQy | 1064 | 1064 | 0.00 | 0.00 | -1.48755   | 6.19610   | 10.76247 |
| EQy | 1065 | 1065 | 0.00 | 0.00 | -1.96911   | 6.06029   | 10.76247 |
| EQy | 1066 | 1066 | 0.00 | 0.00 | -2.43852   | 5.88711   | 10.76247 |
| EQy | 1067 | 1067 | 0.00 | 0.00 | -2.89290   | 5.67764   | 10.76247 |
| EQy | 1068 | 1068 | 0.00 | 0.00 | -3.32945   | 5.43316   | 10.76247 |
| EQy | 1069 | 1069 | 0.00 | 0.00 | -3.74546   | 5.15519   | 10.76247 |
| EQy | 1070 | 1070 | 0.00 | 0.00 | -4.13839   | 4.84543   | 10.76247 |
| EQy | 1071 | 1071 | 0.00 | 0.00 | -4.50580   | 4.50580   | 10.76247 |
| EQy | 1072 | 1072 | 0.00 | 0.00 | -4.84543   | 4.13839   | 10.76247 |
| EQy | 1073 | 1073 | 0.00 | 0.00 | -5.15519   | 3.74546   | 10.76247 |
| EQy | 1074 | 1074 | 0.00 | 0.00 | -5.43316   | 3.32945   | 10.76247 |
| EQy | 1075 | 1075 | 0.00 | 0.00 | -5.67764   | 2.89290   | 10.76247 |
| EQy | 1076 | 1076 | 0.00 | 0.00 | -5.88711   | 2.43852   | 10.76247 |
| EQy | 1077 | 1077 | 0.00 | 0.00 | -6.06029   | 1.96911   | 10.76247 |
| EQy | 1078 | 1078 | 0.00 | 0.00 | -6.19610   | 1.48755   | 10.76247 |
| EQy | 1079 | 1079 | 0.00 | 0.00 | -6.29371   | 0.99683   | 10.76247 |
| EQy | 1080 | 1080 | 0.00 | 0.00 | -6.35252   | 0.49995   | 10.76247 |
| EQy | 1081 | 1081 | 0.00 | 0.00 | -6.37216   | 7.803E-16 | 10.76247 |
| EQy | 1082 | 1082 | 0.00 | 0.00 | -6.35252   | -0.49995  | 10.76247 |
| EQy | 1083 | 1083 | 0.00 | 0.00 | -6.29371   | -0.99683  | 10.76247 |
| EQy | 1084 | 1084 | 0.00 | 0.00 | -6.19610   | -1.48755  | 10.76247 |
| EQy | 1085 | 1085 | 0.00 | 0.00 | -6.06029   | -1.96911  | 10.76247 |
| EQy | 1086 | 1086 | 0.00 | 0.00 | -5.88711   | -2.43852  | 10.76247 |
| EQy | 1087 | 1087 | 0.00 | 0.00 | -5.67764   | -2.89290  | 10.76247 |
| EQy | 1088 | 1088 | 0.00 | 0.00 | -5.43316   | -3.32945  | 10.76247 |
| EQy | 1089 | 1089 | 0.00 | 0.00 | -5.15519   | -3.74546  | 10.76247 |
| EQy | 1090 | 1090 | 0.00 | 0.00 | -4.84543   | -4.13839  | 10.76247 |
| EQy | 1091 | 1091 | 0.00 | 0.00 | -4.50580   | -4.50580  | 10.76247 |
| EQy | 1092 | 1092 | 0.00 | 0.00 | -4.13839   | -4.84543  | 10.76247 |
| EQy | 1093 | 1093 | 0.00 | 0.00 | -3.74546   | -5.15519  | 10.76247 |
| EQy | 1094 | 1094 | 0.00 | 0.00 | -3.32945   | -5.43316  | 10.76247 |
| EQy | 1095 | 1095 | 0.00 | 0.00 | -2.89290   | -5.67764  | 10.76247 |
| EQy | 1096 | 1096 | 0.00 | 0.00 | -2.43852   | -5.88711  | 10.76247 |
| EQy | 1097 | 1097 | 0.00 | 0.00 | -1.96911   | -6.06029  | 10.76247 |
| EQy | 1098 | 1098 | 0.00 | 0.00 | -1.48755   | -6.19610  | 10.76247 |
| EQy | 1099 | 1099 | 0.00 | 0.00 | -0.99683   | -6.29371  | 10.76247 |
| EQy | 1100 | 1100 | 0.00 | 0.00 | -0.49995   | -6.35252  | 10.76247 |
| EQy | 1101 | 1101 | 0.00 | 0.00 | -1.171E-15 | -6.37216  | 10.76247 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |      |      |      |      |            |           |          |
|-----|------|------|------|------|------------|-----------|----------|
| EQy | 1102 | 1102 | 0.00 | 0.00 | 0.49995    | -6.35252  | 10.76247 |
| EQy | 1103 | 1103 | 0.00 | 0.00 | 0.99683    | -6.29371  | 10.76247 |
| EQy | 1104 | 1104 | 0.00 | 0.00 | 1.48755    | -6.19610  | 10.76247 |
| EQy | 1105 | 1105 | 0.00 | 0.00 | 1.96911    | -6.06029  | 10.76247 |
| EQy | 1106 | 1106 | 0.00 | 0.00 | 2.43852    | -5.88711  | 10.76247 |
| EQy | 1107 | 1107 | 0.00 | 0.00 | 2.89290    | -5.67764  | 10.76247 |
| EQy | 1108 | 1108 | 0.00 | 0.00 | 3.32945    | -5.43316  | 10.76247 |
| EQy | 1109 | 1109 | 0.00 | 0.00 | 3.74546    | -5.15519  | 10.76247 |
| EQy | 1110 | 1110 | 0.00 | 0.00 | 4.13839    | -4.84543  | 10.76247 |
| EQy | 1111 | 1111 | 0.00 | 0.00 | 4.50580    | -4.50580  | 10.76247 |
| EQy | 1112 | 1112 | 0.00 | 0.00 | 4.84543    | -4.13839  | 10.76247 |
| EQy | 1113 | 1113 | 0.00 | 0.00 | 5.15519    | -3.74546  | 10.76247 |
| EQy | 1114 | 1114 | 0.00 | 0.00 | 5.43316    | -3.32945  | 10.76247 |
| EQy | 1115 | 1115 | 0.00 | 0.00 | 5.67764    | -2.89290  | 10.76247 |
| EQy | 1116 | 1116 | 0.00 | 0.00 | 5.88711    | -2.43852  | 10.76247 |
| EQy | 1117 | 1117 | 0.00 | 0.00 | 6.06029    | -1.96911  | 10.76247 |
| EQy | 1118 | 1118 | 0.00 | 0.00 | 6.19610    | -1.48755  | 10.76247 |
| EQy | 1119 | 1119 | 0.00 | 0.00 | 6.29371    | -0.99683  | 10.76247 |
| EQy | 1120 | 1120 | 0.00 | 0.00 | 6.35252    | -0.49995  | 10.76247 |
| EQy | 1121 | 1121 | 0.00 | 0.00 | 4.24143    | 0.33381   | 10.98884 |
| EQy | 1122 | 1122 | 0.00 | 0.00 | 4.25454    | 0.00000   | 10.98884 |
| EQy | 1123 | 1123 | 0.00 | 0.00 | 4.20216    | 0.66556   | 10.98884 |
| EQy | 1124 | 1124 | 0.00 | 0.00 | 4.13699    | 0.99320   | 10.98884 |
| EQy | 1125 | 1125 | 0.00 | 0.00 | 4.04631    | 1.31473   | 10.98884 |
| EQy | 1126 | 1126 | 0.00 | 0.00 | 3.93069    | 1.62814   | 10.98884 |
| EQy | 1127 | 1127 | 0.00 | 0.00 | 3.79083    | 1.93152   | 10.98884 |
| EQy | 1128 | 1128 | 0.00 | 0.00 | 3.62759    | 2.22299   | 10.98884 |
| EQy | 1129 | 1129 | 0.00 | 0.00 | 3.44200    | 2.50076   | 10.98884 |
| EQy | 1130 | 1130 | 0.00 | 0.00 | 3.23518    | 2.76310   | 10.98884 |
| EQy | 1131 | 1131 | 0.00 | 0.00 | 3.00842    | 3.00842   | 10.98884 |
| EQy | 1132 | 1132 | 0.00 | 0.00 | 2.76310    | 3.23518   | 10.98884 |
| EQy | 1133 | 1133 | 0.00 | 0.00 | 2.50076    | 3.44200   | 10.98884 |
| EQy | 1134 | 1134 | 0.00 | 0.00 | 2.22299    | 3.62759   | 10.98884 |
| EQy | 1135 | 1135 | 0.00 | 0.00 | 1.93152    | 3.79083   | 10.98884 |
| EQy | 1136 | 1136 | 0.00 | 0.00 | 1.62814    | 3.93069   | 10.98884 |
| EQy | 1137 | 1137 | 0.00 | 0.00 | 1.31473    | 4.04631   | 10.98884 |
| EQy | 1138 | 1138 | 0.00 | 0.00 | 0.99320    | 4.13699   | 10.98884 |
| EQy | 1139 | 1139 | 0.00 | 0.00 | 0.66556    | 4.20216   | 10.98884 |
| EQy | 1140 | 1140 | 0.00 | 0.00 | 0.33381    | 4.24143   | 10.98884 |
| EQy | 1141 | 1141 | 0.00 | 0.00 | 2.605E-16  | 4.25454   | 10.98884 |
| EQy | 1142 | 1142 | 0.00 | 0.00 | -0.33381   | 4.24143   | 10.98884 |
| EQy | 1143 | 1143 | 0.00 | 0.00 | -0.66556   | 4.20216   | 10.98884 |
| EQy | 1144 | 1144 | 0.00 | 0.00 | -0.99320   | 4.13699   | 10.98884 |
| EQy | 1145 | 1145 | 0.00 | 0.00 | -1.31473   | 4.04631   | 10.98884 |
| EQy | 1146 | 1146 | 0.00 | 0.00 | -1.62814   | 3.93069   | 10.98884 |
| EQy | 1147 | 1147 | 0.00 | 0.00 | -1.93152   | 3.79083   | 10.98884 |
| EQy | 1148 | 1148 | 0.00 | 0.00 | -2.22299   | 3.62759   | 10.98884 |
| EQy | 1149 | 1149 | 0.00 | 0.00 | -2.50076   | 3.44200   | 10.98884 |
| EQy | 1150 | 1150 | 0.00 | 0.00 | -2.76310   | 3.23518   | 10.98884 |
| EQy | 1151 | 1151 | 0.00 | 0.00 | -3.00842   | 3.00842   | 10.98884 |
| EQy | 1152 | 1152 | 0.00 | 0.00 | -3.23518   | 2.76310   | 10.98884 |
| EQy | 1153 | 1153 | 0.00 | 0.00 | -3.44200   | 2.50076   | 10.98884 |
| EQy | 1154 | 1154 | 0.00 | 0.00 | -3.62759   | 2.22299   | 10.98884 |
| EQy | 1155 | 1155 | 0.00 | 0.00 | -3.79083   | 1.93152   | 10.98884 |
| EQy | 1156 | 1156 | 0.00 | 0.00 | -3.93069   | 1.62814   | 10.98884 |
| EQy | 1157 | 1157 | 0.00 | 0.00 | -4.04631   | 1.31473   | 10.98884 |
| EQy | 1158 | 1158 | 0.00 | 0.00 | -4.13699   | 0.99320   | 10.98884 |
| EQy | 1159 | 1159 | 0.00 | 0.00 | -4.20216   | 0.66556   | 10.98884 |
| EQy | 1160 | 1160 | 0.00 | 0.00 | -4.24143   | 0.33381   | 10.98884 |
| EQy | 1161 | 1161 | 0.00 | 0.00 | -4.25454   | 5.210E-16 | 10.98884 |
| EQy | 1162 | 1162 | 0.00 | 0.00 | -4.24143   | -0.33381  | 10.98884 |
| EQy | 1163 | 1163 | 0.00 | 0.00 | -4.20216   | -0.66556  | 10.98884 |
| EQy | 1164 | 1164 | 0.00 | 0.00 | -4.13699   | -0.99320  | 10.98884 |
| EQy | 1165 | 1165 | 0.00 | 0.00 | -4.04631   | -1.31473  | 10.98884 |
| EQy | 1166 | 1166 | 0.00 | 0.00 | -3.93069   | -1.62814  | 10.98884 |
| EQy | 1167 | 1167 | 0.00 | 0.00 | -3.79083   | -1.93152  | 10.98884 |
| EQy | 1168 | 1168 | 0.00 | 0.00 | -3.62759   | -2.22299  | 10.98884 |
| EQy | 1169 | 1169 | 0.00 | 0.00 | -3.44200   | -2.50076  | 10.98884 |
| EQy | 1170 | 1170 | 0.00 | 0.00 | -3.23518   | -2.76310  | 10.98884 |
| EQy | 1171 | 1171 | 0.00 | 0.00 | -3.00842   | -3.00842  | 10.98884 |
| EQy | 1172 | 1172 | 0.00 | 0.00 | -2.76310   | -3.23518  | 10.98884 |
| EQy | 1173 | 1173 | 0.00 | 0.00 | -2.50076   | -3.44200  | 10.98884 |
| EQy | 1174 | 1174 | 0.00 | 0.00 | -2.22299   | -3.62759  | 10.98884 |
| EQy | 1175 | 1175 | 0.00 | 0.00 | -1.93152   | -3.79083  | 10.98884 |
| EQy | 1176 | 1176 | 0.00 | 0.00 | -1.62814   | -3.93069  | 10.98884 |
| EQy | 1177 | 1177 | 0.00 | 0.00 | -1.31473   | -4.04631  | 10.98884 |
| EQy | 1178 | 1178 | 0.00 | 0.00 | -0.99320   | -4.13699  | 10.98884 |
| EQy | 1179 | 1179 | 0.00 | 0.00 | -0.66556   | -4.20216  | 10.98884 |
| EQy | 1180 | 1180 | 0.00 | 0.00 | -0.33381   | -4.24143  | 10.98884 |
| EQy | 1181 | 1181 | 0.00 | 0.00 | -7.815E-16 | -4.25454  | 10.98884 |

## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 67 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |      |      |      |      |            |           |          |
|-----|------|------|------|------|------------|-----------|----------|
| EQy | 1182 | 1182 | 0.00 | 0.00 | 0.33381    | -4.24143  | 10.98884 |
| EQy | 1183 | 1183 | 0.00 | 0.00 | 0.66556    | -4.20216  | 10.98884 |
| EQy | 1184 | 1184 | 0.00 | 0.00 | 0.99320    | -4.13699  | 10.98884 |
| EQy | 1185 | 1185 | 0.00 | 0.00 | 1.31473    | -4.04631  | 10.98884 |
| EQy | 1186 | 1186 | 0.00 | 0.00 | 1.62814    | -3.93069  | 10.98884 |
| EQy | 1187 | 1187 | 0.00 | 0.00 | 1.93152    | -3.79083  | 10.98884 |
| EQy | 1188 | 1188 | 0.00 | 0.00 | 2.22299    | -3.62759  | 10.98884 |
| EQy | 1189 | 1189 | 0.00 | 0.00 | 2.50076    | -3.44200  | 10.98884 |
| EQy | 1190 | 1190 | 0.00 | 0.00 | 2.76310    | -3.23518  | 10.98884 |
| EQy | 1191 | 1191 | 0.00 | 0.00 | 3.00842    | -3.00842  | 10.98884 |
| EQy | 1192 | 1192 | 0.00 | 0.00 | 3.23518    | -2.76310  | 10.98884 |
| EQy | 1193 | 1193 | 0.00 | 0.00 | 3.44200    | -2.50076  | 10.98884 |
| EQy | 1194 | 1194 | 0.00 | 0.00 | 3.62759    | -2.22299  | 10.98884 |
| EQy | 1195 | 1195 | 0.00 | 0.00 | 3.79083    | -1.93152  | 10.98884 |
| EQy | 1196 | 1196 | 0.00 | 0.00 | 3.93069    | -1.62814  | 10.98884 |
| EQy | 1197 | 1197 | 0.00 | 0.00 | 4.04631    | -1.31473  | 10.98884 |
| EQy | 1198 | 1198 | 0.00 | 0.00 | 4.13699    | -0.99320  | 10.98884 |
| EQy | 1199 | 1199 | 0.00 | 0.00 | 4.20216    | -0.66556  | 10.98884 |
| EQy | 1200 | 1200 | 0.00 | 0.00 | 4.24143    | -0.33381  | 10.98884 |
| EQy | 1201 | 1201 | 0.00 | 0.00 | 2.12264    | 0.16706   | 11.12482 |
| EQy | 1202 | 1202 | 0.00 | 0.00 | 2.12920    | 0.00000   | 11.12482 |
| EQy | 1203 | 1203 | 0.00 | 0.00 | 2.10299    | 0.33308   | 11.12482 |
| EQy | 1204 | 1204 | 0.00 | 0.00 | 2.07037    | 0.49705   | 11.12482 |
| EQy | 1205 | 1205 | 0.00 | 0.00 | 2.02499    | 0.65796   | 11.12482 |
| EQy | 1206 | 1206 | 0.00 | 0.00 | 1.96713    | 0.81481   | 11.12482 |
| EQy | 1207 | 1207 | 0.00 | 0.00 | 1.89713    | 0.96664   | 11.12482 |
| EQy | 1208 | 1208 | 0.00 | 0.00 | 1.81544    | 1.11251   | 11.12482 |
| EQy | 1209 | 1209 | 0.00 | 0.00 | 1.72256    | 1.25151   | 11.12482 |
| EQy | 1210 | 1210 | 0.00 | 0.00 | 1.61906    | 1.38281   | 11.12482 |
| EQy | 1211 | 1211 | 0.00 | 0.00 | 1.50557    | 1.50557   | 11.12482 |
| EQy | 1212 | 1212 | 0.00 | 0.00 | 1.38281    | 1.61906   | 11.12482 |
| EQy | 1213 | 1213 | 0.00 | 0.00 | 1.25151    | 1.72256   | 11.12482 |
| EQy | 1214 | 1214 | 0.00 | 0.00 | 1.11251    | 1.81544   | 11.12482 |
| EQy | 1215 | 1215 | 0.00 | 0.00 | 0.96664    | 1.89713   | 11.12482 |
| EQy | 1216 | 1216 | 0.00 | 0.00 | 0.81481    | 1.96713   | 11.12482 |
| EQy | 1217 | 1217 | 0.00 | 0.00 | 0.65796    | 2.02499   | 11.12482 |
| EQy | 1218 | 1218 | 0.00 | 0.00 | 0.49705    | 2.07037   | 11.12482 |
| EQy | 1219 | 1219 | 0.00 | 0.00 | 0.33308    | 2.10299   | 11.12482 |
| EQy | 1220 | 1220 | 0.00 | 0.00 | 0.16706    | 2.12264   | 11.12482 |
| EQy | 1221 | 1221 | 0.00 | 0.00 | 1.304E-16  | 2.12920   | 11.12482 |
| EQy | 1222 | 1222 | 0.00 | 0.00 | -0.16706   | 2.12264   | 11.12482 |
| EQy | 1223 | 1223 | 0.00 | 0.00 | -0.33308   | 2.10299   | 11.12482 |
| EQy | 1224 | 1224 | 0.00 | 0.00 | -0.49705   | 2.07037   | 11.12482 |
| EQy | 1225 | 1225 | 0.00 | 0.00 | -0.65796   | 2.02499   | 11.12482 |
| EQy | 1226 | 1226 | 0.00 | 0.00 | -0.81481   | 1.96713   | 11.12482 |
| EQy | 1227 | 1227 | 0.00 | 0.00 | -0.96664   | 1.89713   | 11.12482 |
| EQy | 1228 | 1228 | 0.00 | 0.00 | -1.11251   | 1.81544   | 11.12482 |
| EQy | 1229 | 1229 | 0.00 | 0.00 | -1.25151   | 1.72256   | 11.12482 |
| EQy | 1230 | 1230 | 0.00 | 0.00 | -1.38281   | 1.61906   | 11.12482 |
| EQy | 1231 | 1231 | 0.00 | 0.00 | -1.50557   | 1.50557   | 11.12482 |
| EQy | 1232 | 1232 | 0.00 | 0.00 | -1.61906   | 1.38281   | 11.12482 |
| EQy | 1233 | 1233 | 0.00 | 0.00 | -1.72256   | 1.25151   | 11.12482 |
| EQy | 1234 | 1234 | 0.00 | 0.00 | -1.81544   | 1.11251   | 11.12482 |
| EQy | 1235 | 1235 | 0.00 | 0.00 | -1.89713   | 0.96664   | 11.12482 |
| EQy | 1236 | 1236 | 0.00 | 0.00 | -1.96713   | 0.81481   | 11.12482 |
| EQy | 1237 | 1237 | 0.00 | 0.00 | -2.02499   | 0.65796   | 11.12482 |
| EQy | 1238 | 1238 | 0.00 | 0.00 | -2.07037   | 0.49705   | 11.12482 |
| EQy | 1239 | 1239 | 0.00 | 0.00 | -2.10299   | 0.33308   | 11.12482 |
| EQy | 1240 | 1240 | 0.00 | 0.00 | -2.12264   | 0.16706   | 11.12482 |
| EQy | 1241 | 1241 | 0.00 | 0.00 | -2.12920   | 2.607E-16 | 11.12482 |
| EQy | 1242 | 1242 | 0.00 | 0.00 | -2.12264   | -0.16706  | 11.12482 |
| EQy | 1243 | 1243 | 0.00 | 0.00 | -2.10299   | -0.33308  | 11.12482 |
| EQy | 1244 | 1244 | 0.00 | 0.00 | -2.07037   | -0.49705  | 11.12482 |
| EQy | 1245 | 1245 | 0.00 | 0.00 | -2.02499   | -0.65796  | 11.12482 |
| EQy | 1246 | 1246 | 0.00 | 0.00 | -1.96713   | -0.81481  | 11.12482 |
| EQy | 1247 | 1247 | 0.00 | 0.00 | -1.89713   | -0.96664  | 11.12482 |
| EQy | 1248 | 1248 | 0.00 | 0.00 | -1.81544   | -1.11251  | 11.12482 |
| EQy | 1249 | 1249 | 0.00 | 0.00 | -1.72256   | -1.25151  | 11.12482 |
| EQy | 1250 | 1250 | 0.00 | 0.00 | -1.61906   | -1.38281  | 11.12482 |
| EQy | 1251 | 1251 | 0.00 | 0.00 | -1.50557   | -1.50557  | 11.12482 |
| EQy | 1252 | 1252 | 0.00 | 0.00 | -1.38281   | -1.61906  | 11.12482 |
| EQy | 1253 | 1253 | 0.00 | 0.00 | -1.25151   | -1.72256  | 11.12482 |
| EQy | 1254 | 1254 | 0.00 | 0.00 | -1.11251   | -1.81544  | 11.12482 |
| EQy | 1255 | 1255 | 0.00 | 0.00 | -0.96664   | -1.89713  | 11.12482 |
| EQy | 1256 | 1256 | 0.00 | 0.00 | -0.81481   | -1.96713  | 11.12482 |
| EQy | 1257 | 1257 | 0.00 | 0.00 | -0.65796   | -2.02499  | 11.12482 |
| EQy | 1258 | 1258 | 0.00 | 0.00 | -0.49705   | -2.07037  | 11.12482 |
| EQy | 1259 | 1259 | 0.00 | 0.00 | -0.33308   | -2.10299  | 11.12482 |
| EQy | 1260 | 1260 | 0.00 | 0.00 | -0.16706   | -2.12264  | 11.12482 |
| EQy | 1261 | 1261 | 0.00 | 0.00 | -3.911E-16 | -2.12920  | 11.12482 |



## Roof Calculation Book

for  
CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 68 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|     |      |      |      |      |         |          |          |
|-----|------|------|------|------|---------|----------|----------|
| EQy | 1262 | 1262 | 0.00 | 0.00 | 0.16706 | -2.12264 | 11.12482 |
| EQy | 1263 | 1263 | 0.00 | 0.00 | 0.33308 | -2.10299 | 11.12482 |
| EQy | 1264 | 1264 | 0.00 | 0.00 | 0.49705 | -2.07037 | 11.12482 |
| EQy | 1265 | 1265 | 0.00 | 0.00 | 0.65796 | -2.02499 | 11.12482 |
| EQy | 1266 | 1266 | 0.00 | 0.00 | 0.81481 | -1.96713 | 11.12482 |
| EQy | 1267 | 1267 | 0.00 | 0.00 | 0.96664 | -1.89713 | 11.12482 |
| EQy | 1268 | 1268 | 0.00 | 0.00 | 1.11251 | -1.81544 | 11.12482 |
| EQy | 1269 | 1269 | 0.00 | 0.00 | 1.25151 | -1.72256 | 11.12482 |
| EQy | 1270 | 1270 | 0.00 | 0.00 | 1.38281 | -1.61906 | 11.12482 |
| EQy | 1271 | 1271 | 0.00 | 0.00 | 1.50557 | -1.50557 | 11.12482 |
| EQy | 1272 | 1272 | 0.00 | 0.00 | 1.61906 | -1.38281 | 11.12482 |
| EQy | 1273 | 1273 | 0.00 | 0.00 | 1.72256 | -1.25151 | 11.12482 |
| EQy | 1274 | 1274 | 0.00 | 0.00 | 1.81544 | -1.11251 | 11.12482 |
| EQy | 1275 | 1275 | 0.00 | 0.00 | 1.89713 | -0.96664 | 11.12482 |
| EQy | 1276 | 1276 | 0.00 | 0.00 | 1.96713 | -0.81481 | 11.12482 |
| EQy | 1277 | 1277 | 0.00 | 0.00 | 2.02499 | -0.65796 | 11.12482 |
| EQy | 1278 | 1278 | 0.00 | 0.00 | 2.07037 | -0.49705 | 11.12482 |
| EQy | 1279 | 1279 | 0.00 | 0.00 | 2.10299 | -0.33308 | 11.12482 |
| EQy | 1280 | 1280 | 0.00 | 0.00 | 2.12264 | -0.16706 | 11.12482 |

Table: Case - Static 1 - Load Assignments

| Case Text | LoadType Text | LoadName Text | LoadSF Unitless |
|-----------|---------------|---------------|-----------------|
| DEAD      | Load case     | DEAD          | 1.000000        |
| LIVE      | Load case     | LIVE          | 1.000000        |
| EQx       | Load case     | EQx           | 1.000000        |
| WIND      | Load case     | WIND          | 1.000000        |
| SNOW      | Load case     | SNOW          | 1.000000        |
| ULL       | Load case     | ULL           | 1.000000        |
| EQy       | Load case     | EQy           | 1.000000        |
| vaccum    | Load case     | vaccum        | 1.000000        |

Table: Frame Section Properties 1 - General, Part 1 of 6

| SectionName Text | Material Text | Shape Text    | t3 m     | t2 m     | tf m     | tw m     |
|------------------|---------------|---------------|----------|----------|----------|----------|
| IPE140           | STEEL         | I/Wide Flange | 0.140000 | 0.073000 | 0.006900 | 0.004700 |
| IPE160           | STEEL         | I/Wide Flange | 0.160000 | 0.082000 | 0.007400 | 0.005000 |
| IPE270           | STEEL         | I/Wide Flange | 0.270000 | 0.135000 | 0.010200 | 0.006600 |
| RING             | STEEL         | General       | 0.270000 | 0.360000 |          |          |

Table: Frame Section Properties 1 - General, Part 2 of 6

| SectionName Text | t2b m    | tfb m    | Area m2   | TorsConst m4 | I33 m4    | I22 m4    | AS2 m2   |
|------------------|----------|----------|-----------|--------------|-----------|-----------|----------|
| IPE140           | 0.073000 | 0.006900 | 0.001640  | 2.400E-08    | 5.410E-06 | 4.490E-07 | 0.000658 |
| IPE160           | 0.082000 | 0.007400 | 0.002010  | 3.540E-08    | 8.690E-06 | 6.830E-07 | 0.000800 |
| IPE270           | 0.135000 | 0.010200 | 0.004590  | 1.590E-07    | 0.000058  | 4.200E-06 | 0.001782 |
| RING             |          | 0.014544 | 1.000E-08 | 0.000174     | 0.000157  | 0.000100  |          |

Table: Frame Section Properties 1 - General, Part 3 of 6

| SectionName Text | AS3 m2   | S33 m3   | S22 m3   | Z33 m3    | Z22 m3    | R33 m    | R22 m    |
|------------------|----------|----------|----------|-----------|-----------|----------|----------|
| IPE140           | 0.000840 | 0.000077 | 0.000012 | 0.000088  | 0.000019  | 0.057435 | 0.016546 |
| IPE160           | 0.001011 | 0.000109 | 0.000017 | 0.000124  | 0.000026  | 0.065752 | 0.018434 |
| IPE270           | 0.002295 | 0.000429 | 0.000062 | 0.000484  | 0.000097  | 0.112314 | 0.030250 |
| RING             | 0.000100 | 0.001286 | 0.000874 | 1.000E-06 | 1.000E-06 | 0.109270 | 0.103978 |

Table: Frame Section Properties 1 - General, Part 4 of 6

| SectionName Text | ConcCol Yes/No | ConcBeam Yes/No | Color Text | TotalWt Kgf | TotalMass Kgf-s2/m | FromFile Yes/No | AMod Unitless |
|------------------|----------------|-----------------|------------|-------------|--------------------|-----------------|---------------|
| IPE140           | No             | No              | Yellow     | 35094.08    | 3578.60            | Yes             | 1.000000      |
| IPE160           | No             | No              | Magenta    | 15279.14    | 1558.04            | Yes             | 1.000000      |
| IPE270           | No             | No              | Red        | 59846.65    | 6102.66            | Yes             | 1.000000      |
| RING             | No             | No              | Cyan       | 22421.46    | 2286.35            | No              | 1.000000      |

Table: Frame Section Properties 1 - General, Part 5 of 6

| SectionName Text | A2Mod Unitless | A3Mod Unitless | JMod Unitless | I2Mod Unitless | I3Mod Unitless | MMod Unitless | WMod Unitless |
|------------------|----------------|----------------|---------------|----------------|----------------|---------------|---------------|
| IPE140           |                |                |               |                |                |               |               |
| IPE160           |                |                |               |                |                |               |               |
| IPE270           |                |                |               |                |                |               |               |
| RING             |                |                |               |                |                |               |               |



## Roof Calculation Book for CONDENSATE STORAGE TANK

|                  |      |
|------------------|------|
| Project No.      | Rev. |
| PJ.073           | 0    |
| Date: 17.05.2005 |      |
| Sheet 69 of 70   |      |

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| IPE140 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 |
| IPE160 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 |
| IPE270 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 |
| RING   | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 |

Table: Frame Section Properties 1 - General, Part 6 of 6

| SectionName | SectInFile | FileName   |
|-------------|------------|--|
| Text        | Text       | Text   |
| IPE140      | IPE140     | c:\program files\computers and structures\sap2000\euro.pro |
| IPE160      | IPE160     | c:\program files\computers and structures\sap2000\euro.pro |
| IPE270      | IPE270     | c:\program files\computers and structures\sap2000\euro.pro |
| RING        |            |  |

Table: Load Case Definitions

| LoadCase | DesignType | SelfWtMult | AutoLoad   |
|----------|------------|------------|------------|
| Text     | Text       | Unitless   | Text       |
| DEAD     | DEAD       | 1.000000   |            |
| LIVE     | LIVE       | 0.000000   |            |
| EQx      | QUAKE      | 0.000000   | USER COEFF |
| WIND     | WIND       | 0.000000   | None       |
| SNOW     | SNOW       | 0.000000   |            |
| ULL      | LIVE       | 0.000000   |            |
| EQy      | QUAKE      | 0.000000   | USER COEFF |
| vaccum   | OTHER      | 0.000000   |            |

Table: Material Properties 1 - General, Part 1 of 2

| Material | Type      | DesignType | UnitMass   | UnitWeight | E          | U        | A          |
|----------|-----------|------------|------------|------------|------------|----------|------------|
| Text     | Text      | Text       | Kgf-s2/m4  | Kgf/m3     | Kgf/m2     | Unitless | 1/C        |
| ALUM     | Isotropic | Aluminum   | 2.7680E+02 | 2.7126E+03 | 7101003224 | 0.330000 | 2.3580E-05 |
| CLDFRM   | Isotropic | ColdFormed | 8.0038E+02 | 7.8490E+03 | 2.074E+10  | 0.300000 | 1.1700E-05 |
| CONC     | Isotropic | Concrete   | 2.4501E+02 | 2.4028E+03 | 2531050654 | 0.200000 | 9.9000E-06 |
| OTHER    | Isotropic | None       | 2.4480E+02 | 2.4026E+03 | 2531050654 | 0.200000 | 9.9000E-06 |
| STEEL    | Isotropic | Steel      | 8.0038E+02 | 7.8490E+03 | 2.039E+10  | 0.300000 | 1.1700E-05 |

Table: Material Properties 1 - General, Part 2 of 2

| Material | MDampRatio | VDampMass | VDampStiff | HDampMass | HDampStiff | NumAdvance | Color     |
|----------|------------|-----------|------------|-----------|------------|------------|-----------|
| Text     | Unitless   | 1/Sec     | Sec        | 1/Sec2    | Unitless   | Unitless   | Text      |
| ALUM     | 0.0000     | 0.0000    | 0.0000     | 0.0000    | 0.000000   | 0          | White     |
| CLDFRM   | 0.0000     | 0.0000    | 0.0000     | 0.0000    | 0.000000   | 0          | Gray8Dark |
| CONC     | 0.0000     | 0.0000    | 0.0000     | 0.0000    | 0.000000   | 0          | Yellow    |
| OTHER    | 0.0000     | 0.0000    | 0.0000     | 0.0000    | 0.000000   | 0          | Blue      |
| STEEL    | 0.0000     | 0.0000    | 0.0000     | 0.0000    | 0.000000   | 0          | Magenta   |

Table: Material Properties 3 - Design Steel

| Material | Fy          | Fu          |
|----------|-------------|-------------|
| Text     | Kgf/m2      | Kgf/m2      |
| STEEL    | 25310506.54 | 40778038.32 |

Table: Material Properties 4 - Design Concrete

| Material | Fc         | RebarFy     | RebarFys    | LtWtConc | LtWtFact |
|----------|------------|-------------|-------------|----------|----------|
| Text     | Kgf/m2     | Kgf/m2      | Kgf/m2      | Yes/No   | Unitless |
| CONC     | 2812278.50 | 42184177.57 | 28122785.05 | No       | 1.000000 |

Table: Material Properties 5 - Design Aluminum

| Material | AlumType | Alloy   | Ftu    | Fty    | Fcy    | Fsu    | Fsy    |
|----------|----------|---------|--------|--------|--------|--------|--------|
| Text     | Text     | Text    | Kgf/m2 | Kgf/m2 | Kgf/m2 | Kgf/m2 | Kgf/m2 |
| ALUM     | Wrought  | 6061-T6 | 38.00  | 35.00  | 35.00  | 24.00  | 20.00  |

Table: Material Properties 6 - Design ColdFormed



**Roof Calculation Book**  
for  
CONDENSATE STORAGE TANK

Project No.

PJ.073

Rev.

0

Date: 17.05.2005

Document No.:  
SEC-PJ073-4501/A/B/C-A4-001

Sheet 70 of 70

Material    Fy    Fu  
Text    Kgf/m2    Kgf/m2

CLDFRM 25310506.54 40778038.32

Table: Program Control, Part 1 of 2

| ProgramName | Version | ProgLevel | CurrUnits | SteelCode  | ConcCode   |
|-------------|---------|-----------|-----------|------------|------------|
| Text        | Text    | Text      | Text      | Text       | Text       |
| SAP2000     | 8.3.3   | Nonlinear | Kgf, m, C | AISC-ASD89 | ACI 318-99 |

Table: Program Control, Part 2 of 2

AlumCode  
Text

AA-ASD 2000