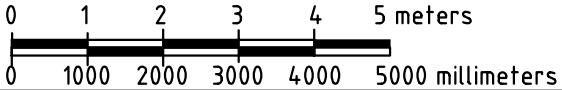
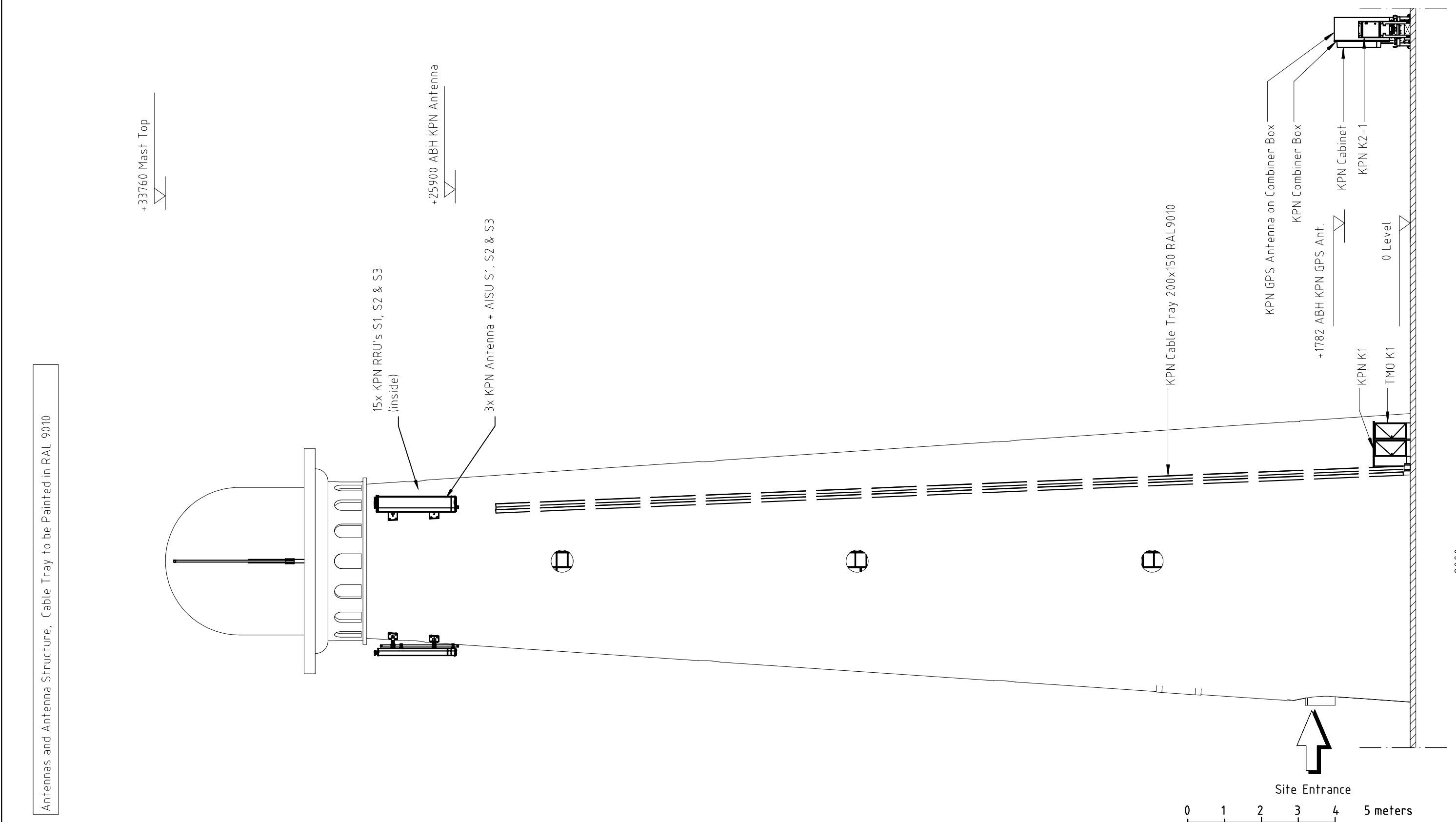


| DOCUMENT No: | Rev: | Date:      | Description:                     |
|--------------|------|------------|----------------------------------|
| 2646-0000-1  | 5    | 28.02.2024 | Index                            |
| 2646-0010-1  | 5    | 28.02.2024 | Technical front view             |
| 2646-0050-1  | 5    | 28.02.2024 | Technical top view               |
| 2646-0100-1  | 5    | 28.02.2024 | Technical new front view         |
| 2646-0100-2  | 5    | 28.02.2024 | Shadowing new front view         |
| 2646-0110-1  | 5    | 28.02.2024 | Technical new top view           |
| 2646-0110-2  | 5    | 28.02.2024 | Shadowing new top view           |
| 2646-0120-1  | 5    | 28.02.2024 | Front view equipment             |
| 2646-0130-1  | 5    | 28.02.2024 | Top view equipment               |
| 2646-0300-1  | 5    | 28.02.2024 | Electrical installation overview |
| 2646-0300-2  | 5    | 28.02.2024 | Electrical installation overview |
| 2646-0310-1  | 5    | 28.02.2024 | Electrical distribution board    |
| 2646-0310-2  | 5    | 28.02.2024 | Electrical distribution board    |
| 2646-0320-1  | 5    | 28.02.2024 | Installation routing             |
| 2646-0400-1  | 5    | 28.02.2024 | Fiber/feeder schematics          |
| 2646-0500-1  | 5    | 28.02.2024 | Antenna shadowing                |
| 2646-0500-2  | 5    | 28.02.2024 | Antenna shadowing                |
| 2646-0501-1  | 5    | 28.02.2024 | Construction drawing             |
| 2646-0501-2  | 5    | 28.02.2024 | Construction drawing             |
| 2646-0502-1  | 5    | 28.02.2024 | Construction drawing             |
| 2646-0503-1  | 5    | 28.02.2024 | Construction drawing             |
| 2646-0504-1  | 5    | 28.02.2024 | Construction drawing             |
| 2646-0505-1  | 5    | 28.02.2024 | Construction drawing             |
| 2646-0505-2  | 5    | 28.02.2024 | Construction drawing             |
| 2646-0505-3  | 5    | 28.02.2024 | Construction drawing             |
| 2646-0506-1  | 5    | 28.02.2024 | Construction drawing             |
| 2646-0506-2  | 5    | 28.02.2024 | Construction drawing             |

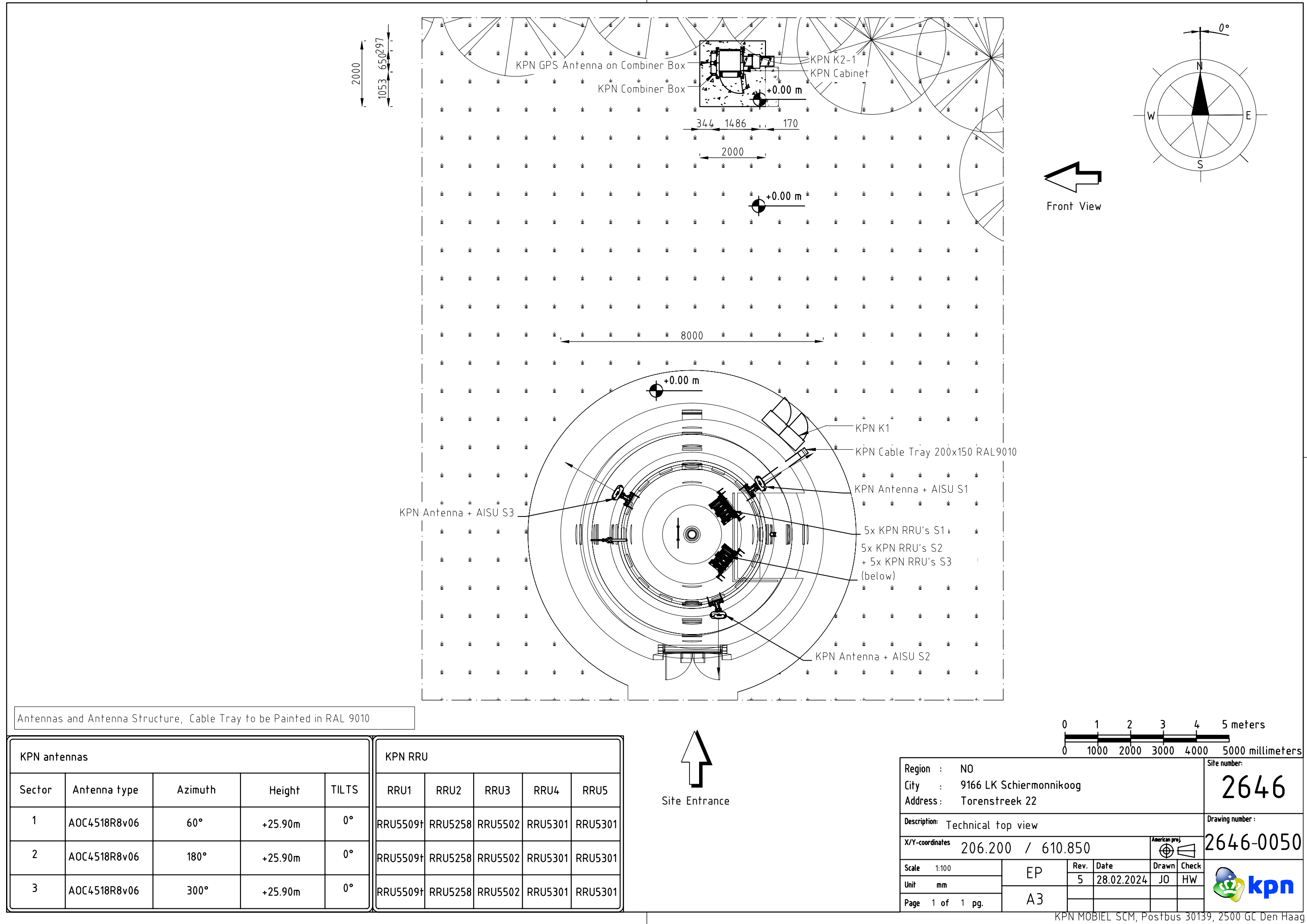
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|-----------------------------------|----|------|------------|----------------|-------|---------------------------------------------------------------------------------------|--|
| Region : NO                       |    |      |            |                |       | Site number:                                                                          |  |
| City : 9166 LK Schiermonnikoog    |    |      |            |                |       | 2646                                                                                  |  |
| Address : Torenstreek 22          |    |      |            |                |       | Drawing number :                                                                      |  |
| Description: Index                |    |      |            |                |       | 2646-0000                                                                             |  |
| X/Y-coordinates 206.200 / 610.850 |    |      |            | American proj. |       |                                                                                       |  |
| Scale -                           | EP | Rev. | Date       | Drawn          | Check |  |  |
| Unit mm                           |    | 5    | 28.02.2024 | JO             | HW    |                                                                                       |  |
| Page 1 of 1 pg.                   | A3 |      |            |                |       |                                                                                       |  |

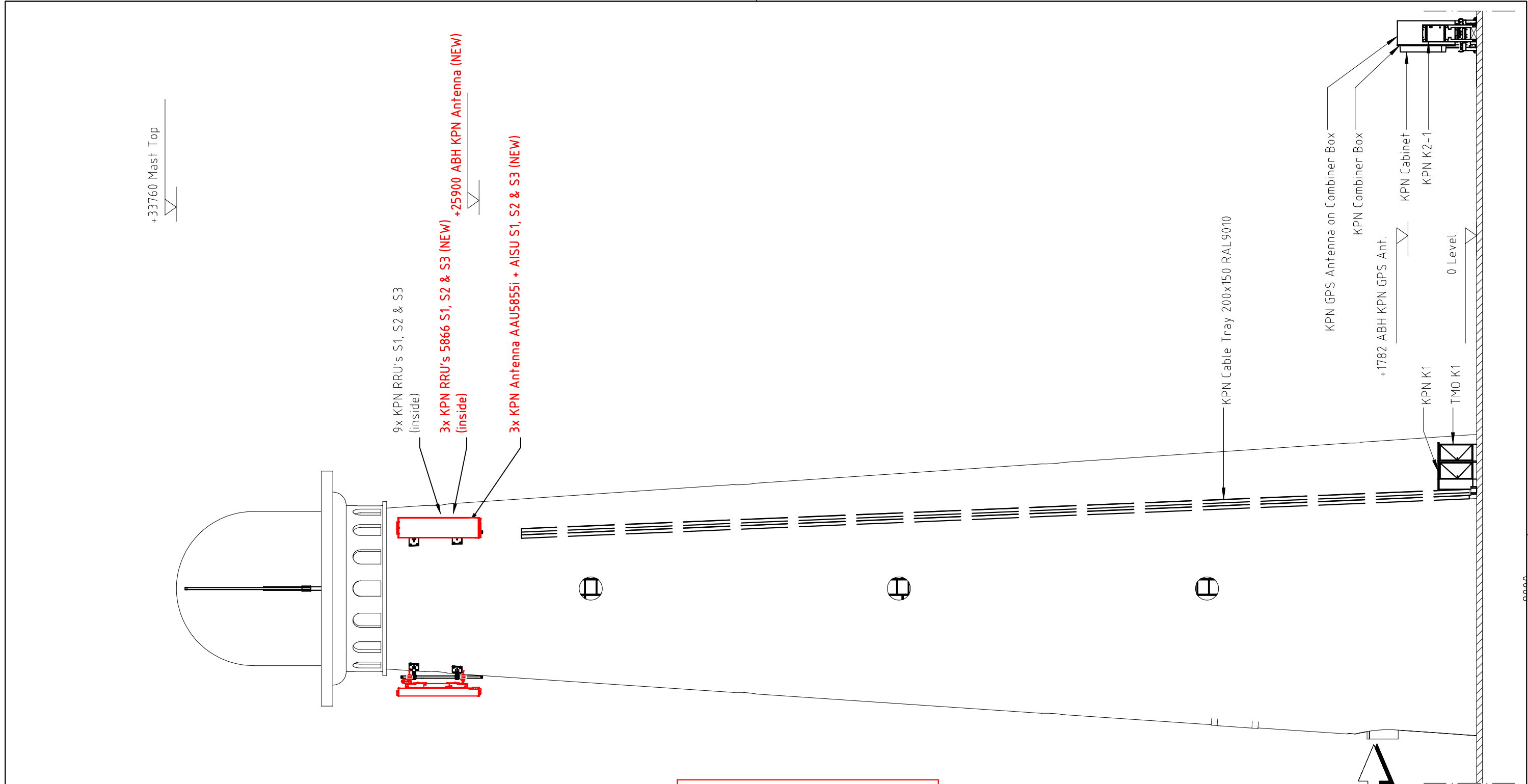


| KPN antennas |              |         |         |       | KPN RRU  |         |         |         |         |
|--------------|--------------|---------|---------|-------|----------|---------|---------|---------|---------|
| Sector       | Antenna type | Azimuth | Height  | TILTS | RRU1     | RRU2    | RRU3    | RRU4    | RRU5    |
| 1            | AOC4518R8v06 | 60°     | +25.90m | 0°    | RRU5509† | RRU5258 | RRU5502 | RRU5301 | RRU5301 |
| 2            | AOC4518R8v06 | 180°    | +25.90m | 0°    | RRU5509† | RRU5258 | RRU5502 | RRU5301 | RRU5301 |
| 3            | AOC4518R8v06 | 300°    | +25.90m | 0°    | RRU5509† | RRU5258 | RRU5502 | RRU5301 | RRU5301 |

|                                   |       |    |                   |                  |       |
|-----------------------------------|-------|----|-------------------|------------------|-------|
| Region : NO                       |       |    |                   | Site number:     |       |
| City : 9166 LK Schiermonnikoog    |       |    |                   | 2646             |       |
| Address : Torenstreek 22          |       |    |                   | Drawing number : |       |
| Description: Technical front view |       |    |                   | 2646-0010        |       |
| X/Y-coordinates                   |       |    | 206.200 / 610.850 | American proj.   |       |
| Scale                             | 1:100 | EP | Rev.              | Date             | Drawn |
| Unit                              | mm    |    | 5                 | 28.02.2024       | JO    |
| Page 1 of 1 pg.                   |       | A3 |                   |                  |       |







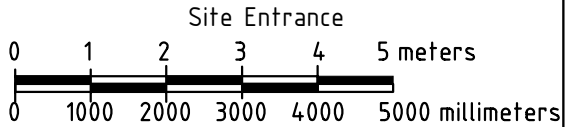
NOTE:  
New FO, DC and jumper cables must to be sealed with a waterproof material on cable passage.

NOTE:  
New antennas must to be painted in RAL 9010

Scenario:Med2Med35B

NOTE:  
Dismantle all unused steel structures, frames & cable trays.

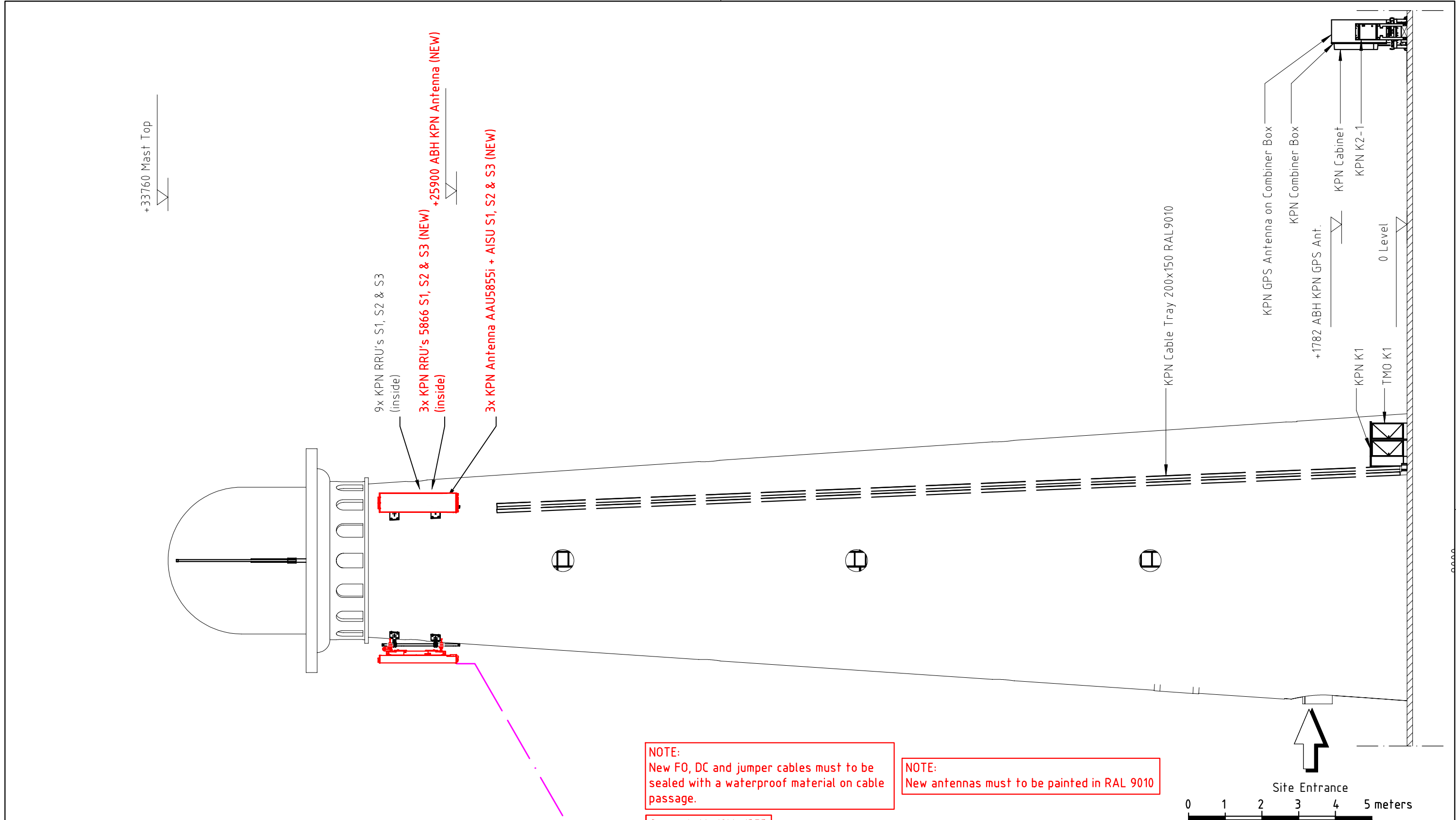
NOTE:  
Swap RRU5502 to RRU5866 (1800/2100/sector)  
Dismantle existing RRU5258.  
Swap existing antenna to new antenna AAU5855I.  
In build survey to be checked if existing CPRI and DC cables can be reused for new RRU5866 and new antenna AAU5855I.  
Existing jumpers to be swaped to MQ cable except for existing RRU5509t.



| KPN antennas |              |         |         |       | KPN RRU NEW |         |         |         |
|--------------|--------------|---------|---------|-------|-------------|---------|---------|---------|
| Sector       | Antenna type | Azimuth | Height  | TILTS | RRU1        | RRU2    | RRU3    | RRU4    |
| 1            | AAU5855i     | 60°     | +25.90m | 0°    | RRU5509t    | RRU5866 | RRU5301 | RRU5301 |
| 2            | AAU5855i     | 180°    | +25.90m | 0°    | RRU5509t    | RRU5866 | RRU5301 | RRU5301 |
| 3            | AAU5855i     | 300°    | +25.90m | 0°    | RRU5509t    | RRU5866 | RRU5301 | RRU5301 |

|                                       |    |      |                |       |                  |  |
|---------------------------------------|----|------|----------------|-------|------------------|--|
| Region : NO                           |    |      |                |       | Site number:     |  |
| City : 9166 LK Schiermonnikoog        |    |      |                |       | 2646             |  |
| Address : Torenstreek 22              |    |      |                |       | Drawing number : |  |
| Description: Technical new front view |    |      |                |       | 2646-0100        |  |
| X/Y-coordinates 206.200 / 610.850     |    |      | American proj. |       |                  |  |
| Scale 1:100                           | EP | Rev. | Date           | Drawn | Check            |  |
| Unit mm                               |    | 5    | 28.02.2024     | JO    | HW               |  |
| Page 1 of 2 pg.                       | A3 |      |                |       |                  |  |





NOTE:  
New FO, DC and jumper cables must to be sealed with a waterproof material on cable passage.

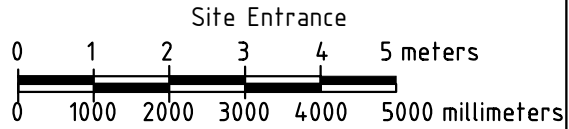
NOTE:  
New antennas must to be painted in RAL 9010

Scenario:Med2Med35B

NOTE:  
Dismantle all unused steel structures, frames & cable trays.

NOTE:  
Swap RRU5502 to RRU5866 (1800/2100/sector)  
Dismantle existing RRU5258.  
Swap existing antenna to new antenna AAU5855I.  
In build survey to be checked if existing CPRI and DC cables can be reused for new RRU5866 and new antenna AAU5855I.  
Existing jumpers to be swaped to MQ cable except for existing RRU5509t.

| KPN antennas |              |         |         |       | KPN RRU NEW |         |         |         |
|--------------|--------------|---------|---------|-------|-------------|---------|---------|---------|
| Sector       | Antenna type | Azimuth | Height  | TILTS | RRU1        | RRU2    | RRU3    | RRU4    |
| 1            | AAU5855i     | 60°     | +25.90m | 0°    | RRU5509t    | RRU5866 | RRU5301 | RRU5301 |
| 2            | AAU5855i     | 180°    | +25.90m | 0°    | RRU5509t    | RRU5866 | RRU5301 | RRU5301 |
| 3            | AAU5855i     | 300°    | +25.90m | 0°    | RRU5509t    | RRU5866 | RRU5301 | RRU5301 |



|                                       |    |      |                |       |                  |  |
|---------------------------------------|----|------|----------------|-------|------------------|--|
| Region : NO                           |    |      |                |       | Site number:     |  |
| City : 9166 LK Schiermonnikoog        |    |      |                |       | 2646             |  |
| Address : Torenstreek 22              |    |      |                |       | Drawing number : |  |
| Description: Shadowing new front view |    |      |                |       | 2646-0100        |  |
| X/Y-coordinates 206.200 / 610.850     |    |      | American proj. |       |                  |  |
| Scale 1:100                           | EP | Rev. | Date           | Drawn | Check            |  |
| Unit mm                               |    | 5    | 28.02.2024     | JO    | HW               |  |
| Page 2 of 2 pg.                       | A3 |      |                |       |                  |  |



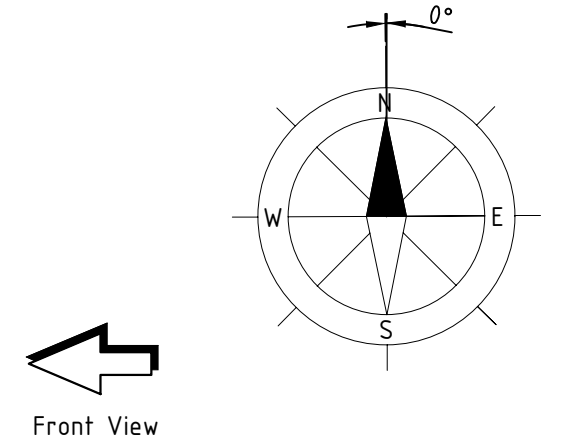
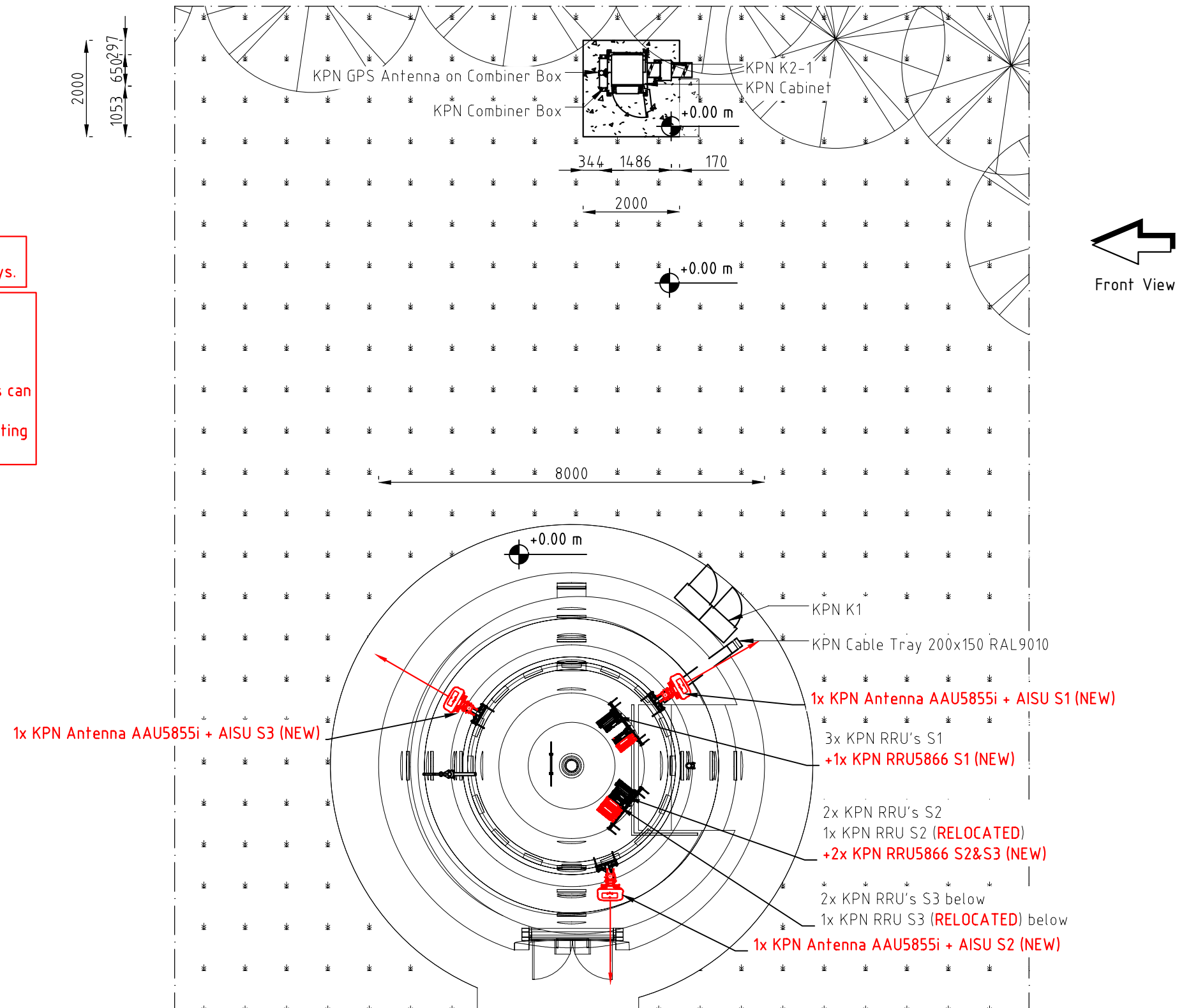
Scenario:Med2Med35B

NOTE:  
Dismantle all unused steel structures, frames & cable trays.

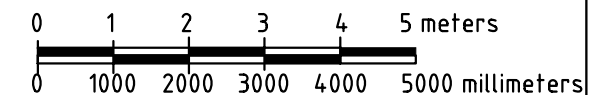
NOTE:  
Swap RRU5502 to RRU5866 (1800/2100/sector)  
Dismantle existing RRU5258.  
Swap existing antenna to new antenna AAU5855i.  
In build survey to be checked if existing CPRI and DC cables can be reused for new RRU5866 and new antenna AAU5855i.  
Existing jumpers to be swapped to MQ cable except for existing RRU5509t.

NOTE:  
New antennas must to be painted in RAL 9010

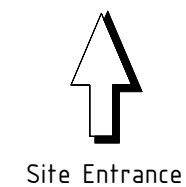
NOTE:  
New FO, DC and jumper cables must to be sealed with a waterproof material on cable passage.



Front View



| KPN antennas |              |         |         |       | KPN RRU NEW |         |         |         |
|--------------|--------------|---------|---------|-------|-------------|---------|---------|---------|
| Sector       | Antenna type | Azimuth | Height  | TILTS | RRU1        | RRU2    | RRU3    | RRU4    |
| 1            | AAU5855i     | 60°     | +25.90m | 0°    | RRU5509t    | RRU5866 | RRU5301 | RRU5301 |
| 2            | AAU5855i     | 180°    | +25.90m | 0°    | RRU5509t    | RRU5866 | RRU5301 | RRU5301 |
| 3            | AAU5855i     | 300°    | +25.90m | 0°    | RRU5509t    | RRU5866 | RRU5301 | RRU5301 |



Site Entrance

|                                     |    |  |        |                 |          |                  |  |
|-------------------------------------|----|--|--------|-----------------|----------|------------------|--|
| Region : NO                         |    |  |        |                 |          | Site number:     |  |
| City : 9166 LK Schiermonnikoog      |    |  |        |                 |          | 2646             |  |
| Address : Torenstreek 22            |    |  |        |                 |          | Drawing number : |  |
| Description: Technical new top view |    |  |        |                 |          | 2646-0110        |  |
| X/Y-coordinates 206.200 / 610.850   |    |  |        |                 |          | American proj.   |  |
| Scale 1:100                         | EP |  | Rev. 5 | Date 28.02.2024 | Drawn JO | Check HW         |  |
| Unit mm                             | A3 |  |        |                 |          |                  |  |
| Page 1 of 2 pg.                     |    |  |        |                 |          |                  |  |

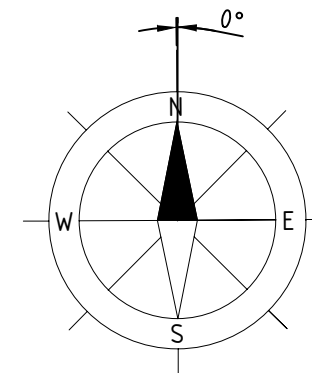
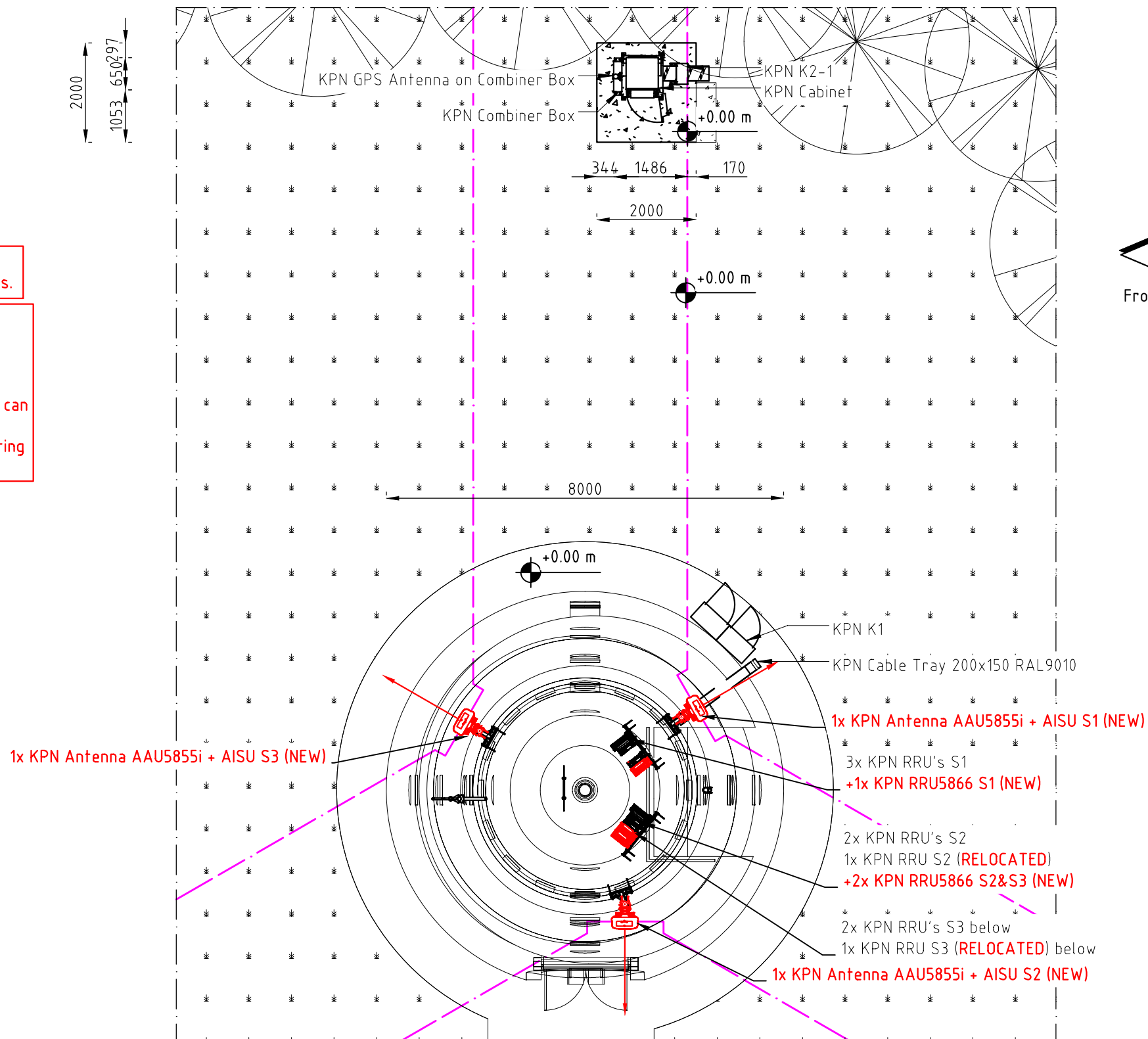
Scenario:Med2Med35B

NOTE:  
Dismantle all unused steel structures, frames & cable trays.

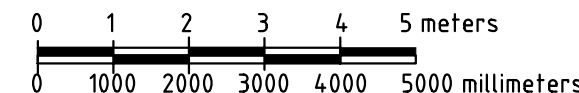
NOTE:  
Swap RRU5502 to RRU5866 (1800/2100/sector)  
Dismantle existing RRU5258.  
Swap existing antenna to new antenna AAU5855i.  
In build survey to be checked if existing CPRI and DC cables can be reused for new RRU5866 and new antenna AAU5855i.  
Existing jumpers to be swaped to MQ cable except for existing RRU5509t.

NOTE:  
New antennas must to be painted in RAL 9010

NOTE:  
New FO, DC and jumper cables must to be sealed with a waterproof material on cable passage.



Front View

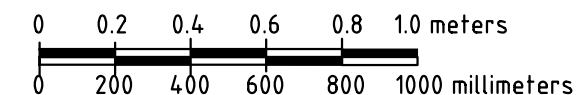
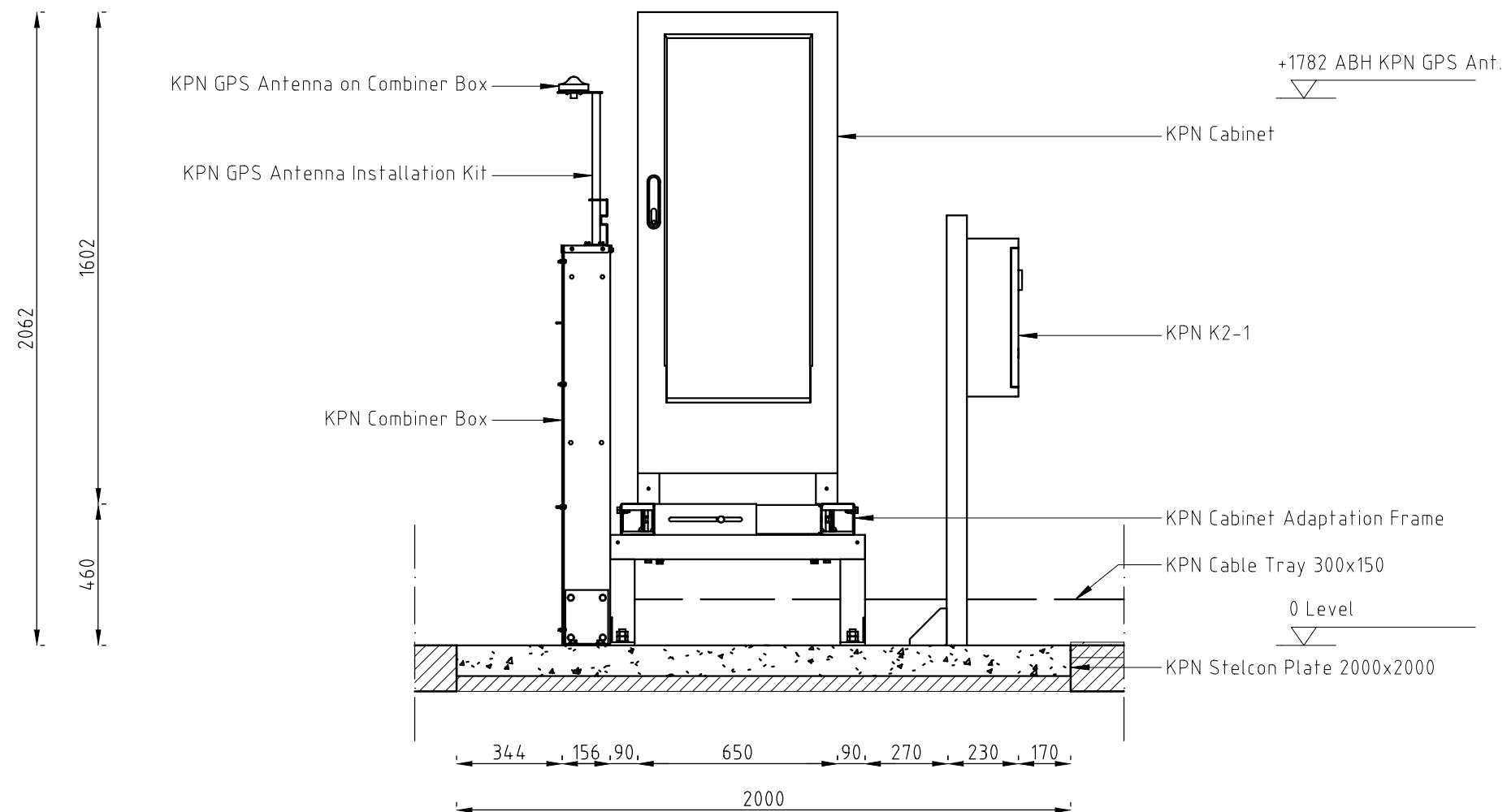


| KPN antennas |              |         |         |       | KPN RRU NEW |         |         |         |
|--------------|--------------|---------|---------|-------|-------------|---------|---------|---------|
| Sector       | Antenna type | Azimuth | Height  | TILTS | RRU1        | RRU2    | RRU3    | RRU4    |
| 1            | AAU5855i     | 60°     | +25.90m | 0°    | RRU5509t    | RRU5866 | RRU5301 | RRU5301 |
| 2            | AAU5855i     | 180°    | +25.90m | 0°    | RRU5509t    | RRU5866 | RRU5301 | RRU5301 |
| 3            | AAU5855i     | 300°    | +25.90m | 0°    | RRU5509t    | RRU5866 | RRU5301 | RRU5301 |

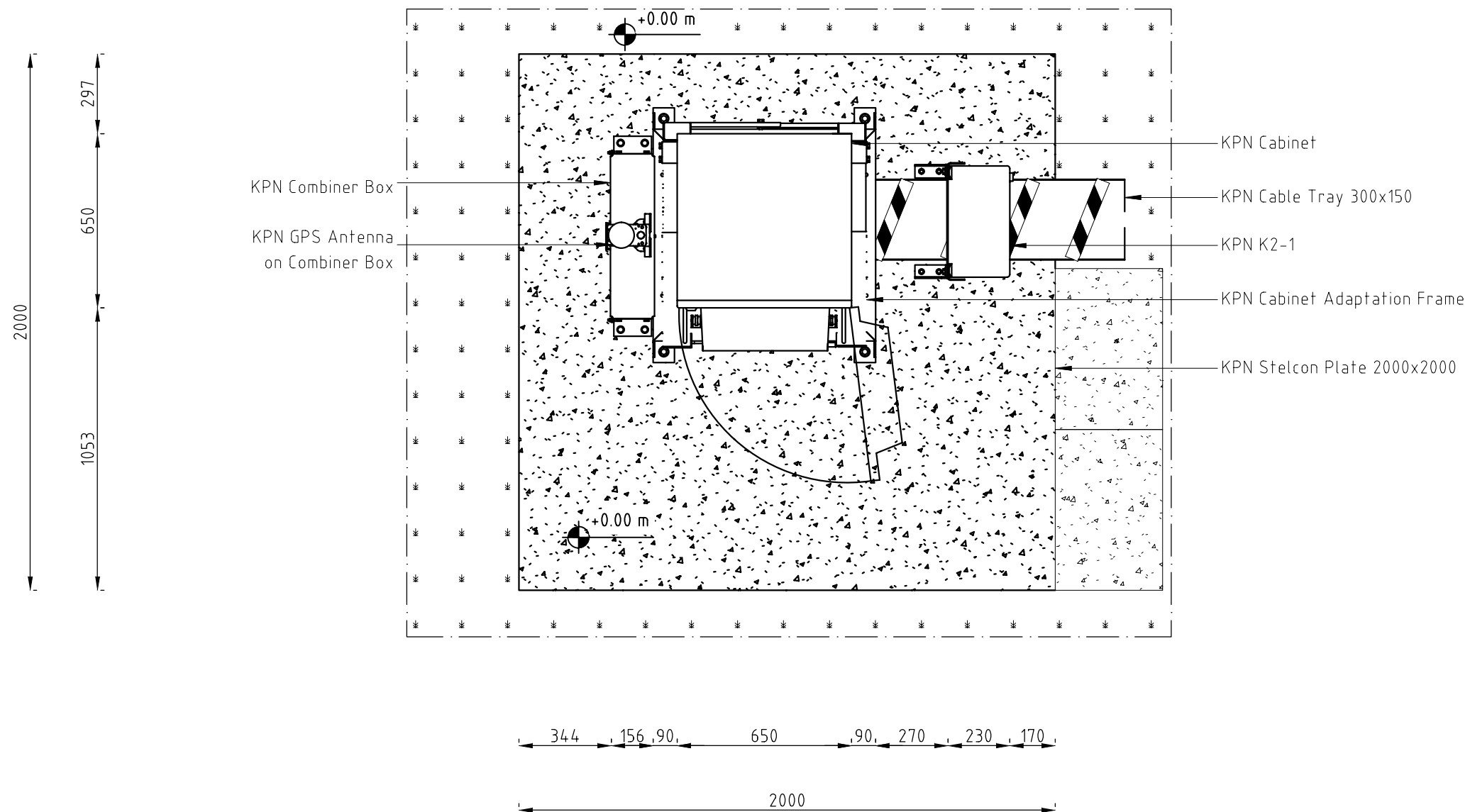
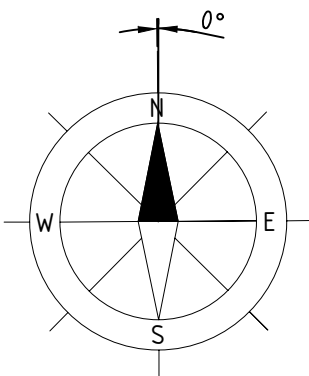


Site Entrance

|                                     |    |      |            |       |                  |  |
|-------------------------------------|----|------|------------|-------|------------------|--|
| Region : NO                         |    |      |            |       | Site number:     |  |
| City : 9166 LK Schiermonnikoog      |    |      |            |       | 2646             |  |
| Address : Torenstreek 22            |    |      |            |       | Drawing number : |  |
| Description: Shadowing new top view |    |      |            |       | 2646-0110        |  |
| X/Y-coordinates 206.200 / 610.850   |    |      |            |       | American proj.   |  |
| Scale 1:100                         | EP | Rev. | Date       | Drawn | Check            |  |
| Unit mm                             |    | 5    | 28.02.2024 | JO    | HW               |  |
| Page 2 of 2 pg.                     | A3 |      |            |       |                  |  |



|                                   |    |      |            |       |       |                                                                                       |  |
|-----------------------------------|----|------|------------|-------|-------|---------------------------------------------------------------------------------------|--|
| Region : NO                       |    |      |            |       |       | Site number:                                                                          |  |
| City : 9166 LK Schiermonnikoog    |    |      |            |       |       | 2646                                                                                  |  |
| Address: Torenstreek 22           |    |      |            |       |       | Drawing number :                                                                      |  |
| Description: Front view equipment |    |      |            |       |       | 2646-0120                                                                             |  |
| X/Y-coordinates 206.200 / 610.850 |    |      |            |       |       | American proj.                                                                        |  |
| Scale 1:20                        | EP | Rev. | Date       | Drawn | Check |  |  |
| Unit mm                           |    | 5    | 28.02.2024 | JO    | HW    |                                                                                       |  |
| Page 1 of 1 pg.                   | A3 |      |            |       |       |                                                                                       |  |



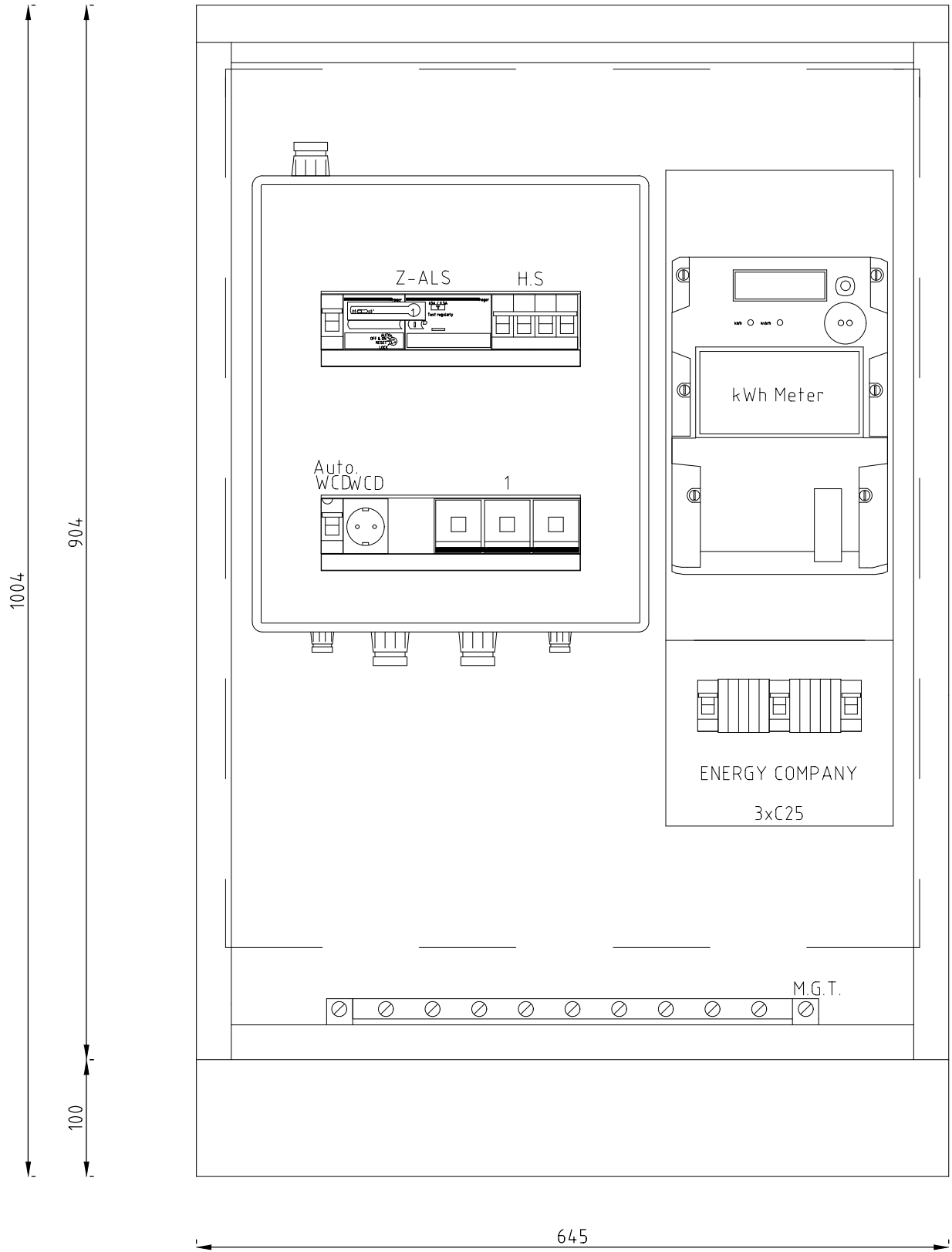
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|---------------------------------|------------|-------------------|------|------------------|-------|
| Region : NO                     |            |                   |      | Site number:     |       |
| City : 9166 LK Schiermonnikoog  |            |                   |      | 2646             |       |
| Address : Torenstreek 22        |            |                   |      | Drawing number : |       |
| Description: Top view equipment |            |                   |      | 2646-0130        |       |
| X/Y-coordinates                 |            | 206.200 / 610.850 |      | American proj.   |       |
| Scale                           | 1:20       | EP                | Rev. | Date             | Drawn |
| Unit                            | mm         |                   | 5    | 28.02.2024       | JO    |
| Page                            | 1 of 1 pg. | A3                |      |                  | HW    |





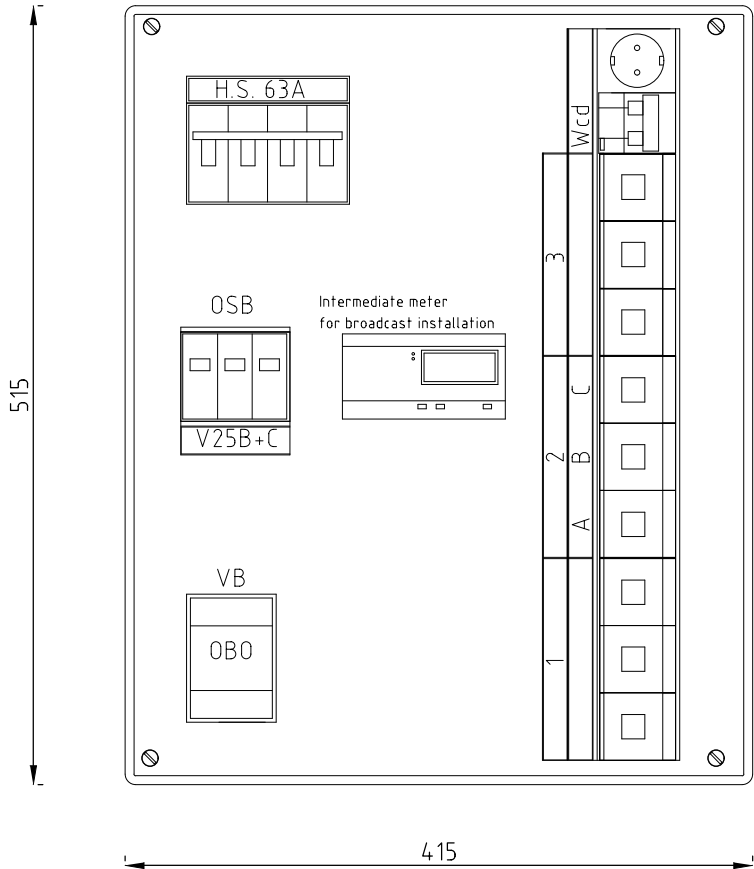


KPN K1

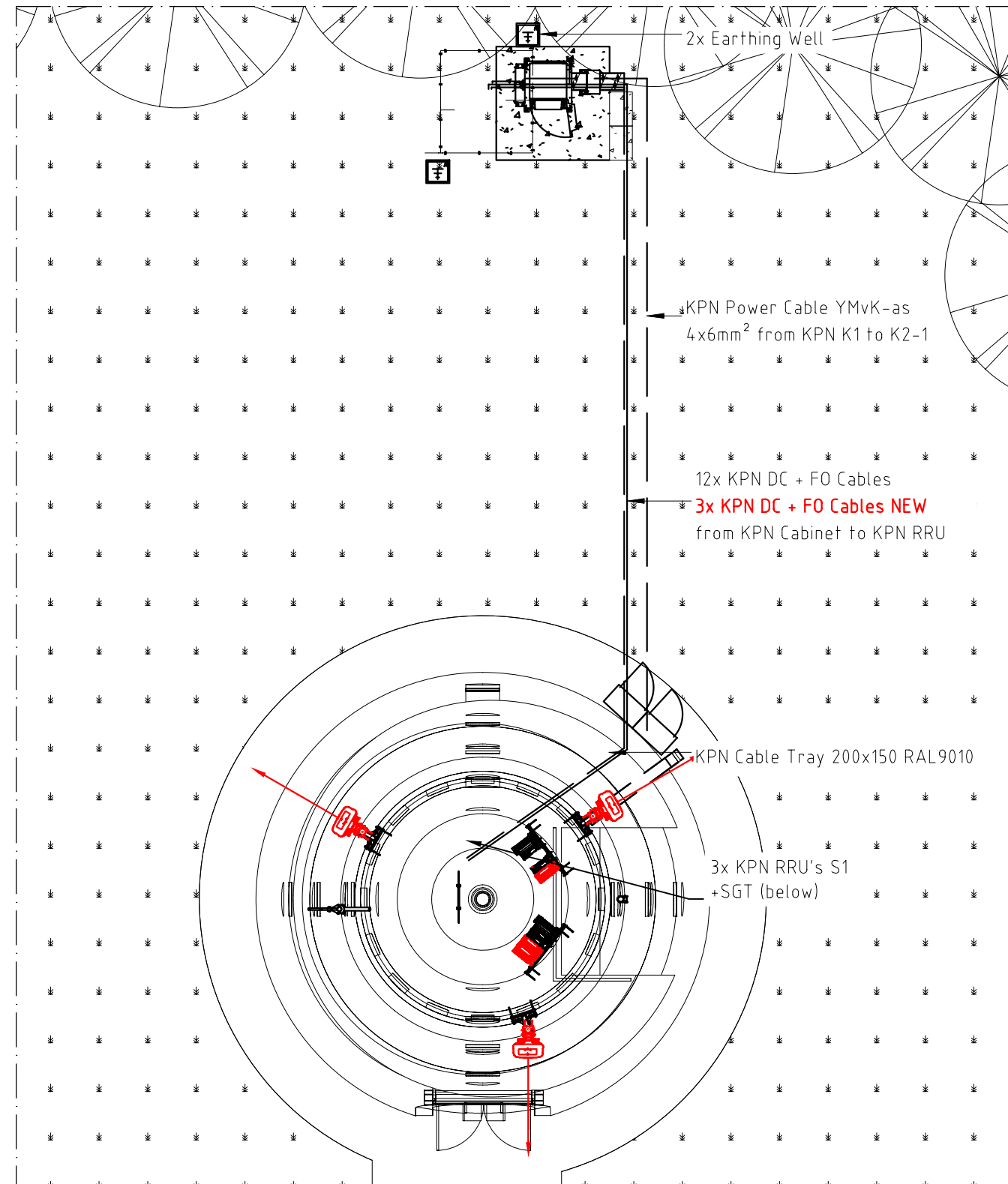


|                                            |    |      |            |       |       |                  |  |
|--------------------------------------------|----|------|------------|-------|-------|------------------|--|
| Region : NO                                |    |      |            |       |       | Site number:     |  |
| City : 9166 LK Schiermonnikoog             |    |      |            |       |       | 2646             |  |
| Address : Torenstreek 22                   |    |      |            |       |       | Drawing number : |  |
| Description: Electrical distribution board |    |      |            |       |       | 2646-0310        |  |
| X/Y-coordinates 206.200 / 610.850          |    |      |            |       |       | American proj.   |  |
| Scale 1:5                                  | EP | Rev. | Date       | Drawn | Check |                  |  |
| Unit mm                                    |    | 5    | 28.02.2024 | JO    | HW    |                  |  |
| Page 1 of 2 pg.                            | A3 |      |            |       |       |                  |  |

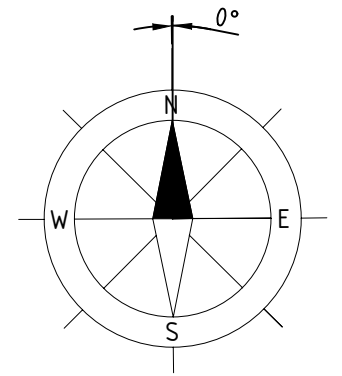
KPN K2-1



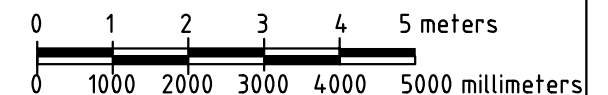
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|--------------------------------------------|----|------|------------|----------------|-------|---------------------------------------------------------------------------------------|--|
| Region : NO                                |    |      |            |                |       | Site number:                                                                          |  |
| City : 9166 LK Schiermonnikoog             |    |      |            |                |       | 2646                                                                                  |  |
| Address : Torenstreek 22                   |    |      |            |                |       | Drawing number :                                                                      |  |
| Description: Electrical distribution board |    |      |            |                |       | 2646-0310                                                                             |  |
| X/Y-coordinates 206.200 / 610.850          |    |      |            | American proj. |       |                                                                                       |  |
| Scale 1:5                                  | EP | Rev. | Date       | Drawn          | Check |  |  |
| Unit mm                                    |    | 5    | 28.02.2024 | JO             | HW    |                                                                                       |  |
| Page 2 of 2 pg.                            | A3 |      |            |                |       |                                                                                       |  |



Front View

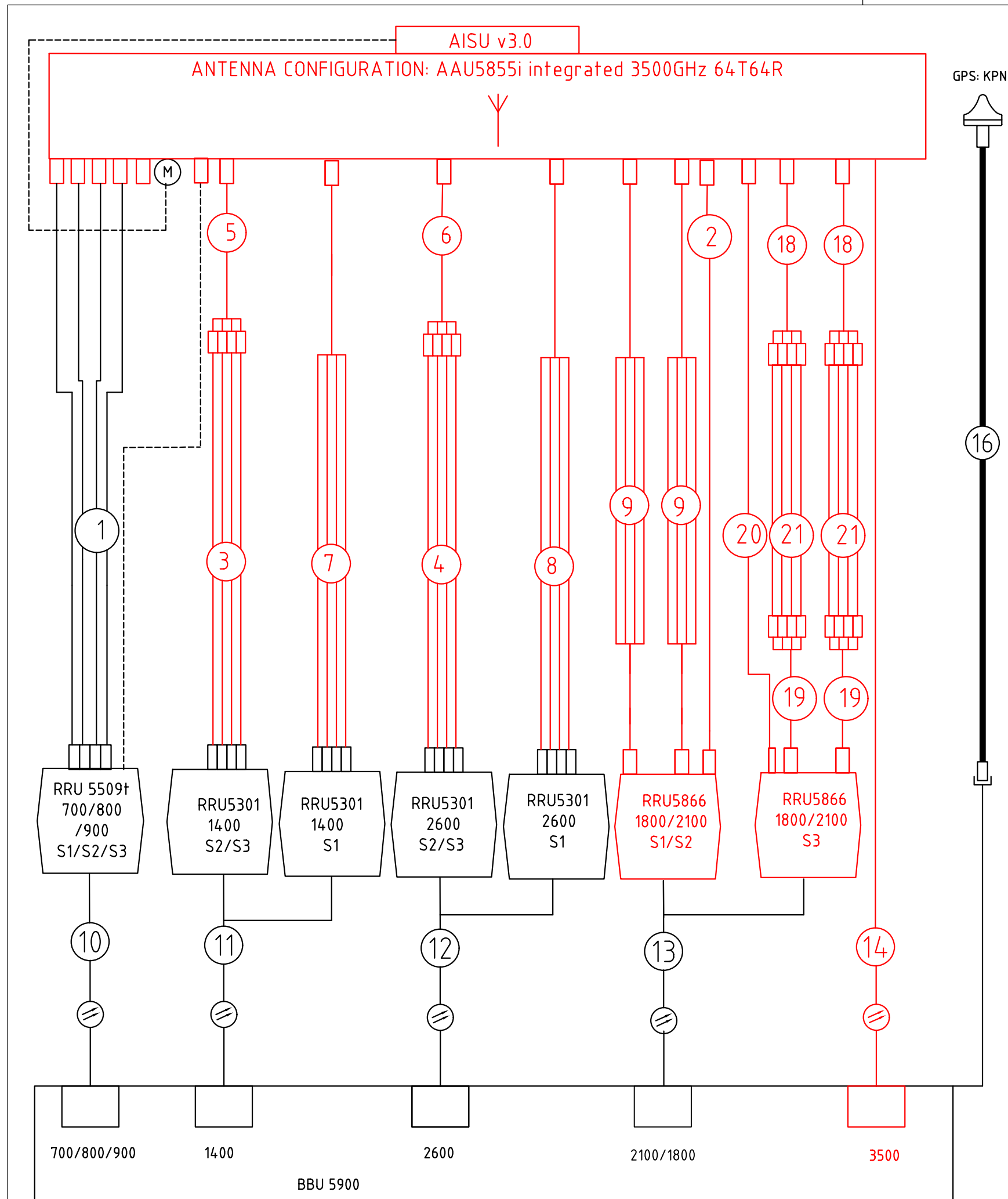


Site Entrance



**NOTE:**  
New FO, DC and jumper cables must to be sealed with a waterproof material on cable passage.

|                                   |    |                                   |            |                          |       |                                                                                       |  |
|-----------------------------------|----|-----------------------------------|------------|--------------------------|-------|---------------------------------------------------------------------------------------|--|
| Region : NO                       |    | City : 9166 LK Schiermonnikoog    |            | Address : Torenstreek 22 |       | Site number: 2646                                                                     |  |
| Description: Installation routing |    | X/Y-coordinates 206.200 / 610.850 |            | American proj.           |       | Drawing number : 2646-0320                                                            |  |
| Scale 1:100                       | EP | Rev.                              | Date       | Drawn                    | Check |  |  |
| Unit mm                           |    | 5                                 | 28.02.2024 | JO                       | HW    |                                                                                       |  |
| Page 1 of 1 pg.                   | A3 |                                   |            |                          |       |                                                                                       |  |

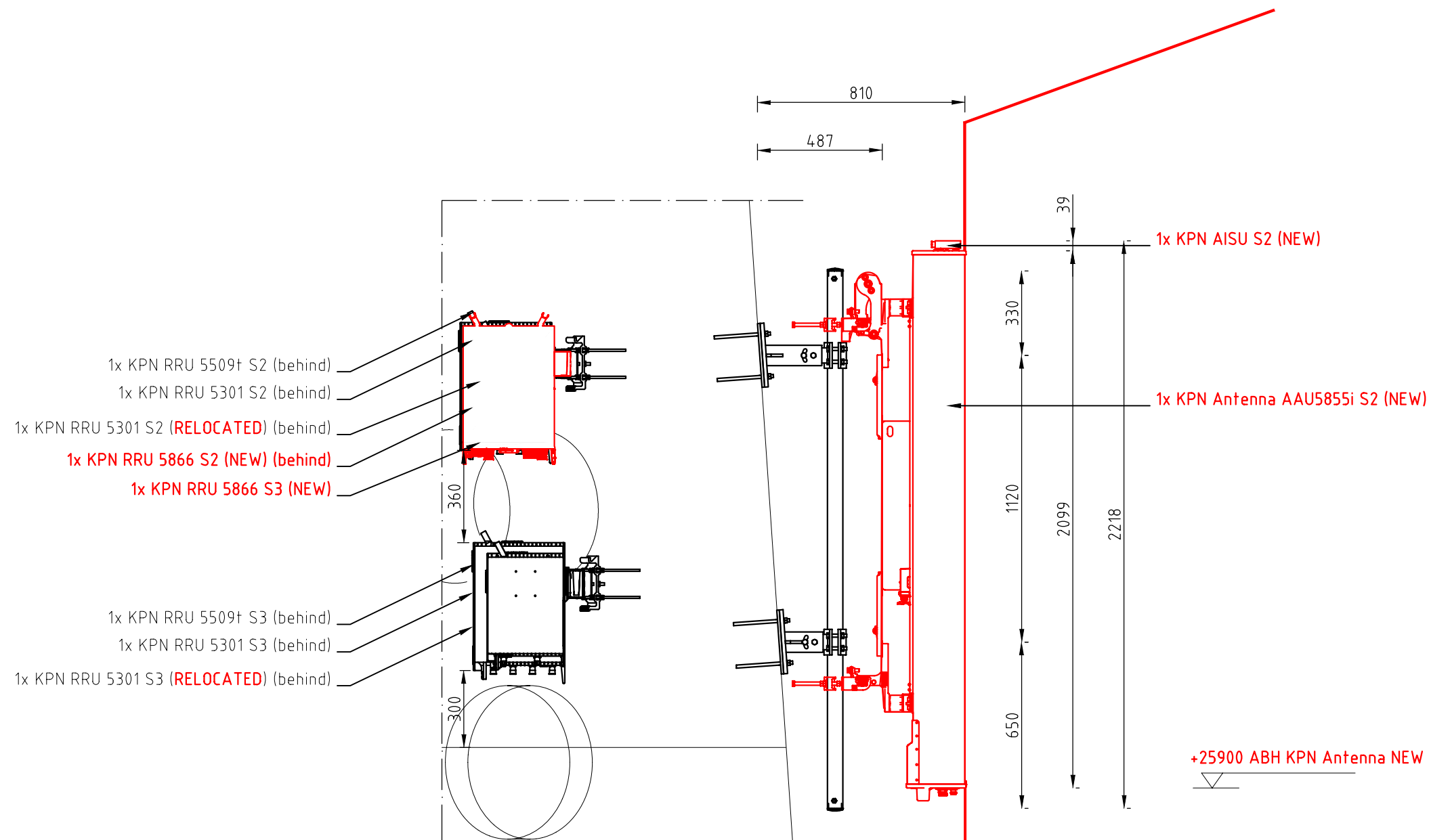


Scenario: Med2Med35B

Swap RRU5502 to RRU5866 (1800/2100)/sector.  
Dismantle existing RRU5258.  
Swap existing antenna to new antenna AAU5855I.  
In build survey to be checked if existing CPRI and DC cables can be reused for new RRU5866 and new Antenna AAU5855I.  
Existing jumpers to be swapped to MQ cable except for existing RRU5509t.

| RRU TO ANTENNA JUMPER CONNECTIONS |                                                        |                                                        |                                                        |
|-----------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| Nr.                               | Sector 1                                               | Sector 2                                               | Sector 3                                               |
|                                   | Type: SCF<br>Dia: 1/2"<br>Connector: 4.3-10"Mx4.3-10"M | Type: SCF<br>Dia: 1/2"<br>Connector: 4.3-10"Mx4.3-10"M | Type: LCF<br>Dia: 1/2"<br>Connector: 4.3-10"Mx4.3-10"M |
| 1                                 | Length: 3m                                             | 5m                                                     | 8m                                                     |
| 2                                 | Length: 4m                                             | 5m                                                     | n.a                                                    |
| RRU TO ANTENNA JUMPER CONNECTIONS |                                                        |                                                        |                                                        |
| Nr.                               | Sector 1                                               | Sector 2                                               | Sector 3                                               |
|                                   | Type: LCF<br>Dia: 1/2"<br>Connector: 4.3-10"Mx4.3-10"M | Type: LCF<br>Dia: 1/2"<br>Connector: 4.3-10"Mx4.3-10"M | Type: LCF<br>Dia: 1/2"<br>Connector: 4.3-10"Mx4.3-10"M |
| 3                                 | Length: n.a                                            | 5m                                                     | 6m                                                     |
| 4                                 | Length: n.a                                            | 5m                                                     | 6m                                                     |
| 20                                | Length: n.a                                            | n.a                                                    | 6m                                                     |
| 21                                | Length: n.a                                            | n.a                                                    | 6m                                                     |
| RRU TO ANTENNA JUMPER CONNECTIONS |                                                        |                                                        |                                                        |
| Nr.                               | Sector 1                                               | Sector 2                                               | Sector 3                                               |
|                                   | Type: MQ4<br>Dia: 1/3"<br>Connector: 4.3-10"F x MQ4    | Type: MQ4<br>Dia: 1/3"<br>Connector: 4.3-10"F x MQ4    | Type: MQ4<br>Dia: 1/3"<br>Connector: 4.3-10"F x MQ4    |
| 5                                 | Length: n.a                                            | 0.5m                                                   | 0.5m                                                   |
| 6                                 | Length: n.a                                            | 0.5m                                                   | 0.5m                                                   |
| 18                                | Length: n.a                                            | n.a                                                    | 0.5m                                                   |
| 19                                | Length: n.a                                            | n.a                                                    | 0.5m                                                   |
| RRU TO ANTENNA JUMPER CONNECTIONS |                                                        |                                                        |                                                        |
| Nr.                               | Sector 1                                               | Sector 2                                               | Sector 3                                               |
|                                   | Type: MQ4<br>Dia: 1/3"<br>Connector: 4.3-10"MxMQ4      | Type: MQ4<br>Dia: 1/3"<br>Connector: 4.3-10"M.xMQ4     | Type: MQ4<br>Dia: 1/3"<br>Connector: 4.3-10"MxMQ4      |
| 7                                 | Length: 4m                                             | n.a                                                    | n.a                                                    |
| 8                                 | Length: 4m                                             | n.a                                                    | n.a                                                    |
| RRU TO ANTENNA JUMPER CONNECTIONS |                                                        |                                                        |                                                        |
| Nr.                               | Sector 1                                               | Sector 2                                               | Sector 3                                               |
|                                   | Type: MQ4<br>Dia: 1/3"<br>Connector: MQ4.xMQ4          | Type: MQ4<br>Dia: 1/3"<br>Connector: MQ4.xMQ4          | Type: MQ4<br>Dia: 1/3"<br>Connector: MQ4.xMQ4          |
| 9                                 | Length: 4m                                             | 5m                                                     | n.a                                                    |
| BBU TO RRU FIBER CONNECTION       |                                                        |                                                        |                                                        |
| Nr.                               | Sector 1                                               | Sector 2                                               | Sector 3                                               |
|                                   | Type: SM 0.03m/0.34m<br>Connector: SFP 9.8/10G SM      | Type: SM 0.03m/0.34m<br>Connector: SFP 9.8/10G SM      | Type: SM 0.03m/0.34m<br>Connector: SFP 9.8/10G SM      |
| 10                                | Length: 50m                                            | 50m                                                    | 50m                                                    |
| 11                                | Length: 50m                                            | 50m                                                    | 50m                                                    |
| 12                                | Length: 50m                                            | 50m                                                    | 50m                                                    |
| 13                                | Length: 50m                                            | 50m                                                    | 50m                                                    |
| BBU TO RRU FIBER CONNECTION       |                                                        |                                                        |                                                        |
| Nr.                               | Sector 1                                               | Sector 2                                               | Sector 3                                               |
|                                   | Type: SM 0.03m/0.34m<br>Connector: SFP 25G SM          | Type: SM 0.03m/0.34m<br>Connector: SFP 25G SM          | Type: SM 0.03m/0.34m<br>Connector: SFP 25G SM          |
| 14                                | Length: 60m                                            | 60m                                                    | 60m                                                    |
| GPS ANTENNA JUMPER CONNECTION     |                                                        |                                                        |                                                        |
|                                   | Type: RF cable<br>Connector: SMAxNF                    |                                                        |                                                        |
| GPS ANTENNA FEEDER CONNECTION     |                                                        |                                                        |                                                        |
| Nr.                               | Type                                                   |                                                        |                                                        |
|                                   | Connector: RG-8U<br>NMxNM                              |                                                        |                                                        |
| 16                                | Length: 4m                                             |                                                        |                                                        |

|                                      |  |    |      |                |                  |           |  |
|--------------------------------------|--|----|------|----------------|------------------|-----------|--|
| Region : NO                          |  |    |      |                | Site number:     |           |  |
| City : 9166 LK Schiermonnikoog       |  |    |      |                | 2646             |           |  |
| Address : Torenstreek 22             |  |    |      |                |                  |           |  |
| Description: Fiber/feeder schematics |  |    |      |                | Drawing number : |           |  |
| X/Y-coordinates 206.200 / 610.850    |  |    |      | American proj. |                  | 2646-0400 |  |
|                                      |  |    |      |                |                  |           |  |
| Scale -                              |  | EP | Rev. | Date           | Drawn            | Check     |  |
| Unit mm                              |  |    | 5    | 28.02.2024     | JO               | HW        |  |
| Page 1 of 1 pg.                      |  | A3 |      |                |                  |           |  |
|                                      |  |    |      |                |                  |           |  |



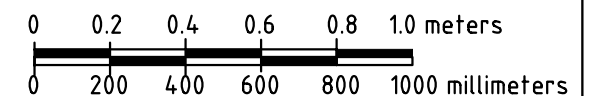
Scenario:Med2Med35B

NOTE:  
Dismantle all unused steel structures, frames & cable trays.

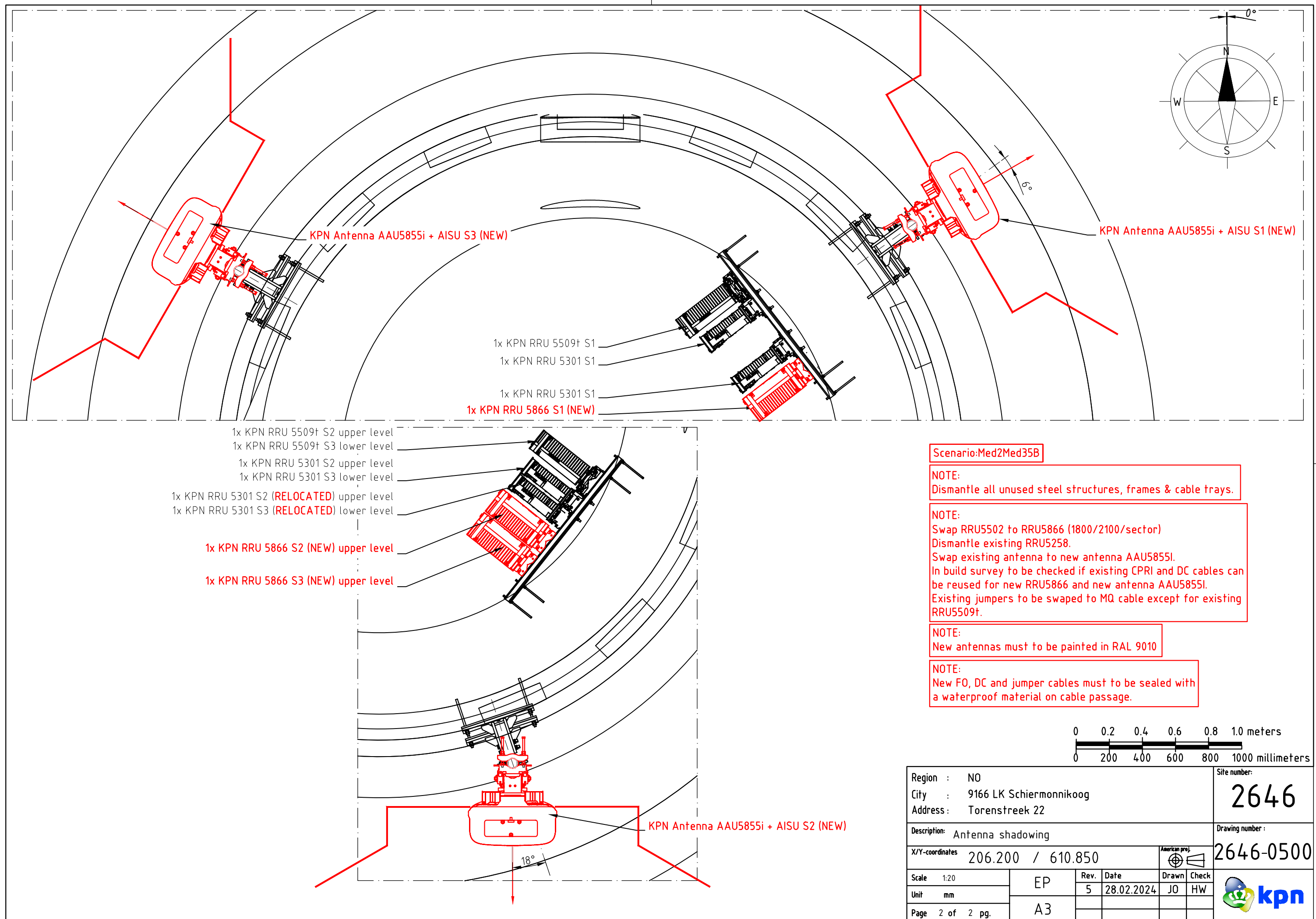
NOTE:  
Swap RRU5502 to RRU5866 (1800/2100/sector)  
Dismantle existing RRU5258.  
Swap existing antenna to new antenna AAU5855i.  
In build survey to be checked if existing CPRI and DC cables can be reused for new RRU5866 and new antenna AAU5855i.  
Existing jumpers to be swapped to MQ cable except for existing RRU5509t.

NOTE:  
New antennas must to be painted in RAL 9010

NOTE:  
New FO, DC and jumper cables must to be sealed with a waterproof material on cable passage.

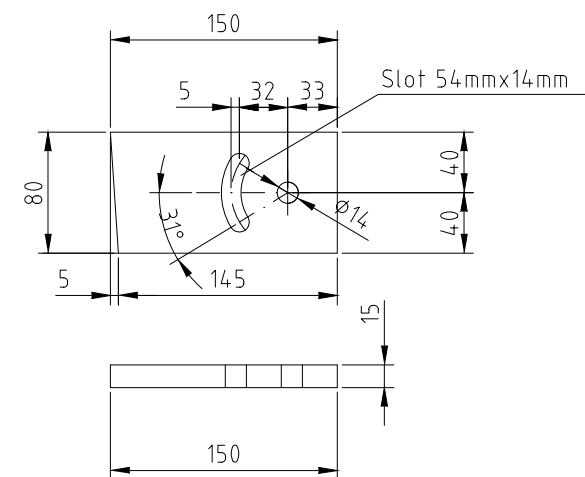
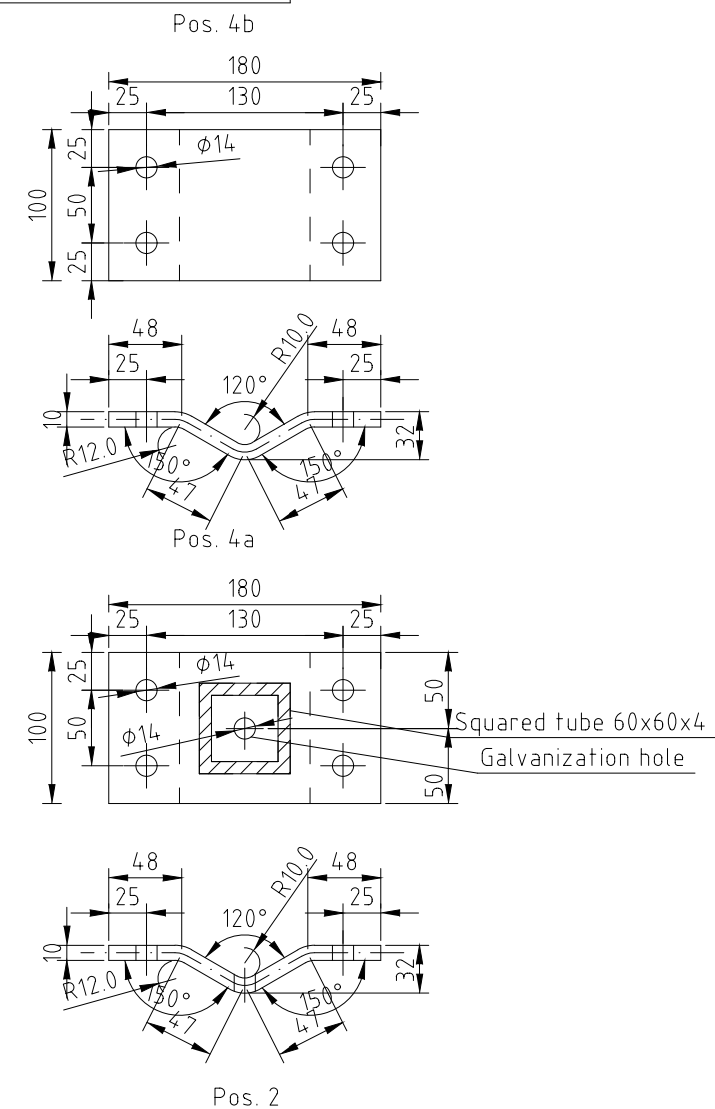
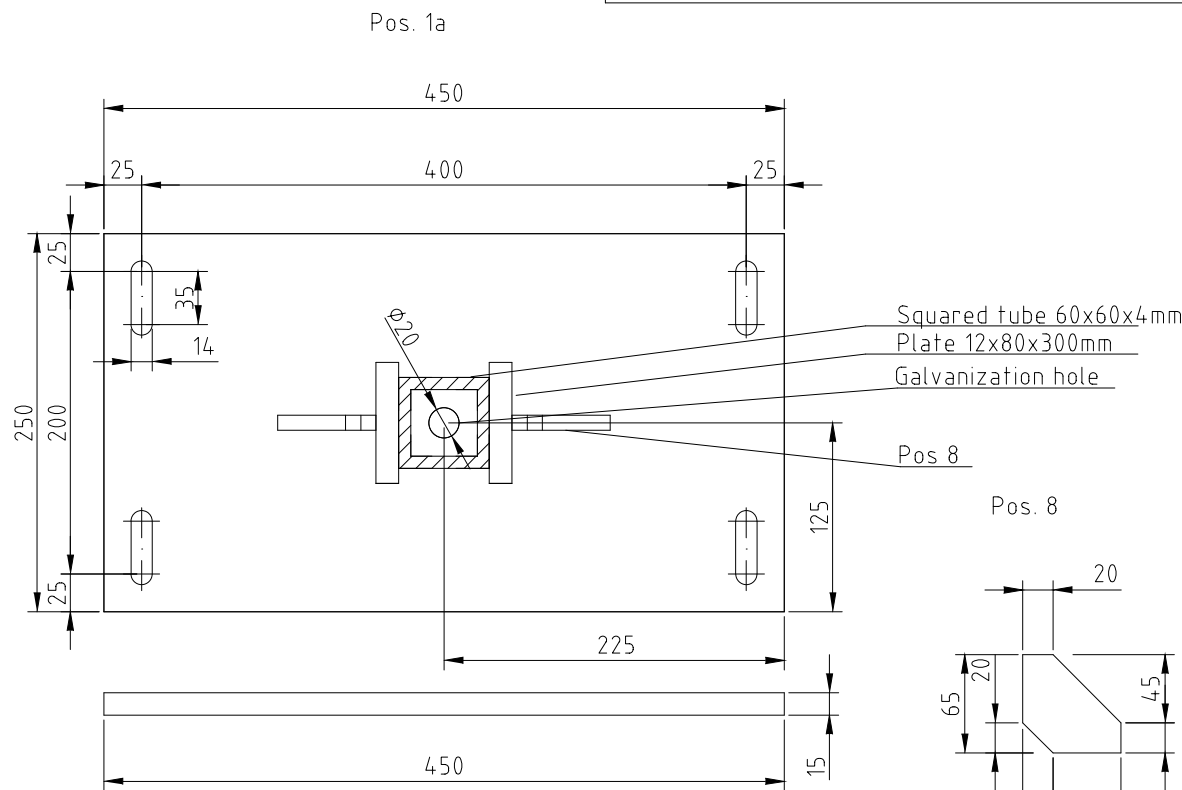


|                                   |    |      |            |       |       |                  |  |
|-----------------------------------|----|------|------------|-------|-------|------------------|--|
| Region : NO                       |    |      |            |       |       | Site number:     |  |
| City : 9166 LK Schiermonnikoog    |    |      |            |       |       | 2646             |  |
| Address : Torenstreek 22          |    |      |            |       |       | Drawing number : |  |
| Description: Antenna shadowing    |    |      |            |       |       | 2646-0500        |  |
| X/Y-coordinates 206.200 / 610.850 |    |      |            |       |       | American proj.   |  |
| Scale 1:20                        | EP | Rev. | Date       | Drawn | Check |                  |  |
| Unit mm                           |    | 5    | 28.02.2024 | JO    | HW    |                  |  |
| Page 1 of 2 pg.                   | A3 |      |            |       |       |                  |  |





The Antenna structure should be anchored in the wall with 2x4 anchors type M12 chemical anchors HIT-IT HIT-HY270A + HAS-U (- HIT-SIC in case of hollow masonry). The anchors should be anchored through bearing wall of the building. The anchorage depth in the bearing wall is min. 120mm. The cleaning method for the drills hole need to be compressed air cleaning

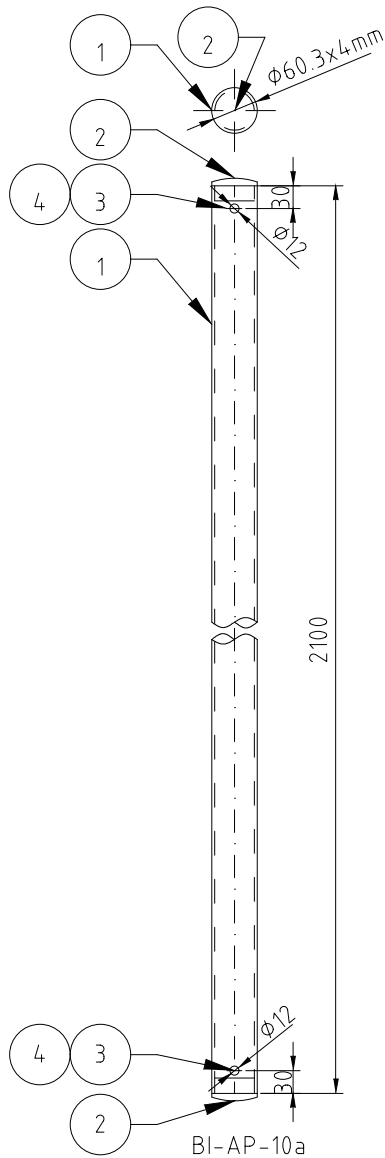


| Part | Quantity | Part description       | Length | Material | Technical description notes          |
|------|----------|------------------------|--------|----------|--------------------------------------|
| 1    | 1        | Plate 250x15mm         | 450mm  | S235JRG2 | Weld to Pos. 2&8                     |
| 2    | 2        | Plate 15x80            | 150mm  | S235JRG2 | Weld on Pos.1 &8                     |
| 3    | 1        | Squared tube 60x60x4mm | 120mm  | S235JRG2 | Weld on 4a – Mark with “DOWN”        |
| 4a   | 1        | Plate 100x10mm         | 190mm  | S235JRG2 | Weld on 3                            |
| 4b   | 1        | Plate 100x10mm         | 190mm  | S235JRG2 | -                                    |
| 5    | 4        | SB Bolt + Nut set M12  | 70mm   | St. 8.8  | EN15048-1 (ISO4014/4032) SB bolt+nut |
| 6    | 16       | Nordlock Washer M12    |        | NL12SP   | Nordlock Deltaprotect                |
| 7    | 2        | SB Bolt + Nut set M12  | 150mm  | St. 8.8  | EN15048-1 (ISO4014/4032) SB bolt+nut |
| 8    | 2        | Plate 65x10mm          | 65mm   | S235JRG2 | Weld to Pos. 1&2                     |
| 9    | 1        | Plate 250x10mm         | 450mm  | Neoprene | Glue to Pos. 1                       |
| 10   | 4        | Chemical anchor M12    | 200mm  | St. 8.8  | min. 120mm embedment depth           |
| 11   | 4        | Nut M12                |        | Pcs. 8   | ISO 4032                             |

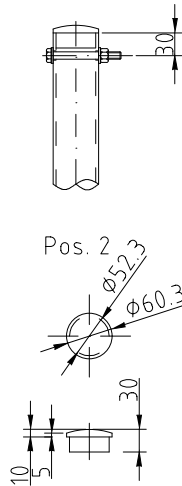
- Material : S235JRG2
- All welds a=4mm, unless stated otherwise
- All steel hot dip galvanized

|                                                                                       |            |    |      |            |                                                                                                        |                                          |  |
|---------------------------------------------------------------------------------------|------------|----|------|------------|--------------------------------------------------------------------------------------------------------|------------------------------------------|--|
| Region : NO<br>City : 9166 LK Schiermonnikoog<br>Address : Torenstreek 22             |            |    |      |            |                                                                                                        | Site number:<br><div>2646</div>          |  |
| Description: Construction drawing                                                     |            |    |      |            |                                                                                                        | Drawing number :<br><div>2646-0501</div> |  |
| X/Y-coordinates 206.200 / 610.850                                                     |            |    |      |            | American proj<br> |                                          |  |
| Scale                                                                                 | 1:5        | EP | Rev. | Date       | Drawn                                                                                                  | Check                                    |  |
| Unit                                                                                  | mm         |    | 5    | 28.02.2024 | JO                                                                                                     | HW                                       |  |
| Page                                                                                  | 2 of 2 pg. | A3 |      |            |                                                                                                        |                                          |  |
|  |            |    |      |            |                                                                                                        |                                          |  |

| Reference | Quantity | Standard Steel |
|-----------|----------|----------------|
| BI-AP-10a | 3        |                |



Bolt + Nut Detail 1



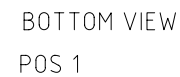
| Part (BI-AP-10a) | Quantity | Part description          | Length  | Material | Technical description notes              |
|------------------|----------|---------------------------|---------|----------|------------------------------------------|
| 1                | 1        | Tube $\phi 60.3 \times 4$ | 2100 mm | S235JRG2 | Mark with centimeters (see detail 2)     |
| 2                | 2        | Plastic cap               | -       | PVC      | For tube $\phi 60.3$                     |
| 3                | 2        | SB Bolt + Nut set M10     | 80 mm   | St. 8.8  | EN15048-1 (ISO4014 / 4032) SB bolt + nut |
| 4                | 2        | Nordlock Washer M10       | -       | NL10DP   | Nordlock Deltaprotect                    |

- Material: S235JRG2  
- All steel hot dip galvanized

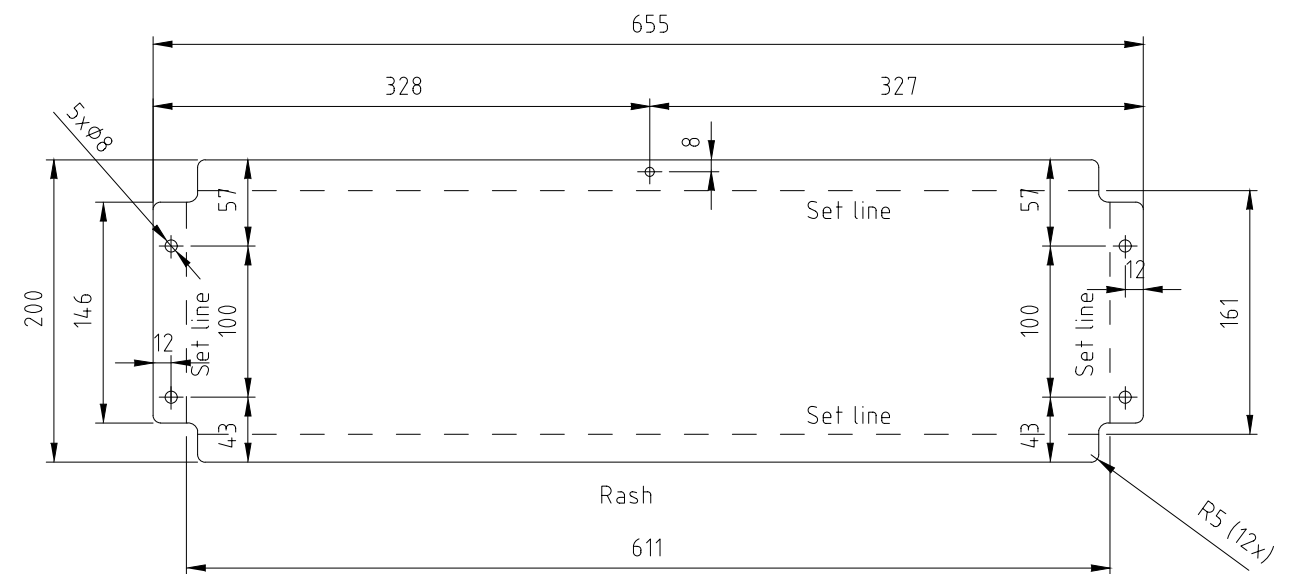
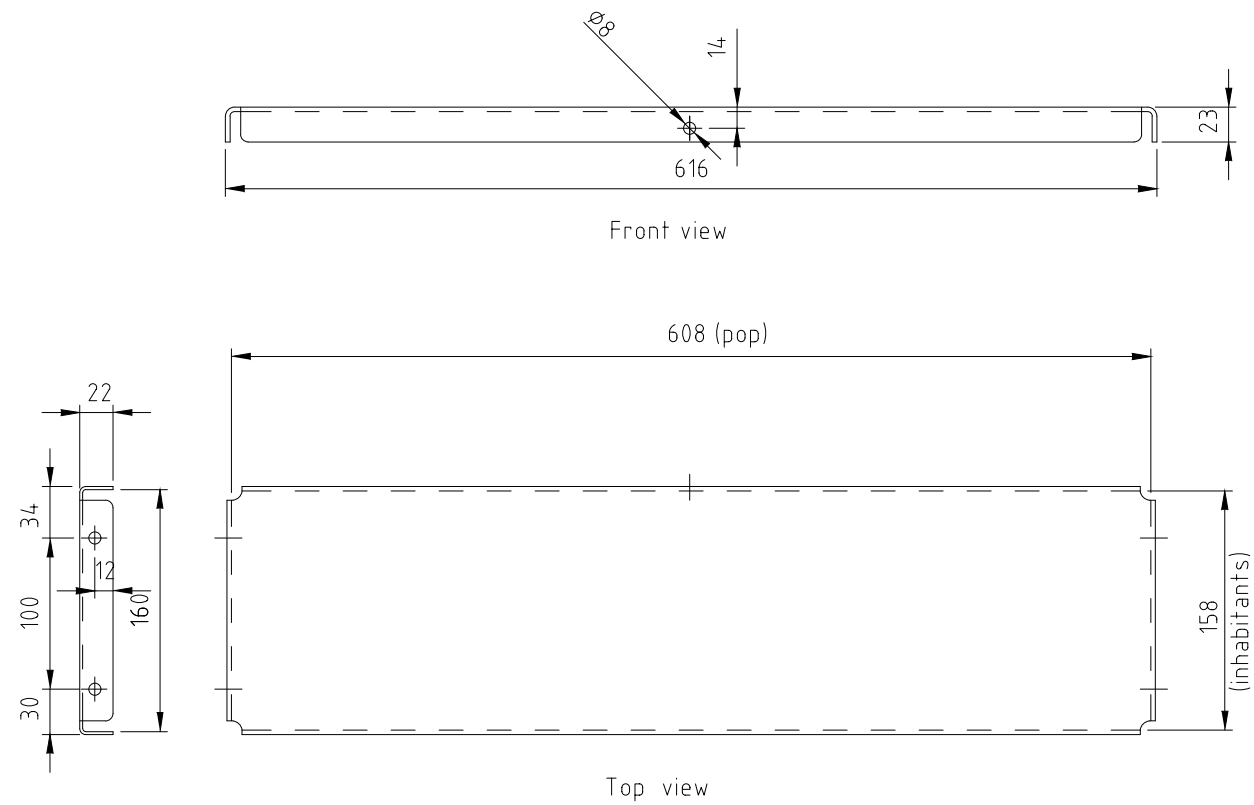
|                                   |    |      |            |       |                  |  |
|-----------------------------------|----|------|------------|-------|------------------|--|
| Region : NO                       |    |      |            |       | Site number:     |  |
| City : 9166 LK Schiermonnikoog    |    |      |            |       | 2646             |  |
| Address : Torenstreek 22          |    |      |            |       | Drawing number : |  |
| Description: Construction drawing |    |      |            |       | 2646-0502        |  |
| X/Y-coordinates 206.200 / 610.850 |    |      |            |       | American proj.   |  |
| Scale 1:10                        | EP | Rev. | Date       | Drawn | Check            |  |
| Unit mm                           |    | 5    | 28.02.2024 | JO    | HW               |  |
| Page 1 of 1 pg.                   | A3 |      |            |       |                  |  |





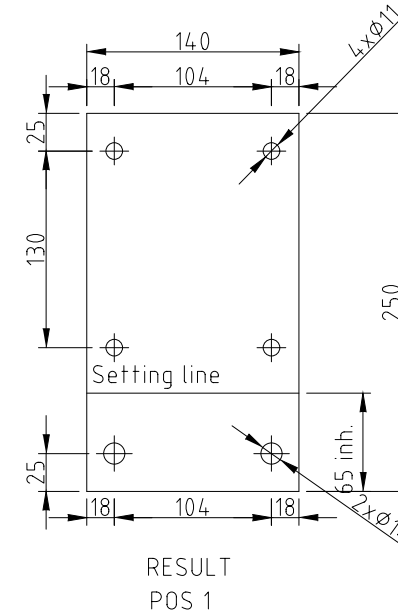
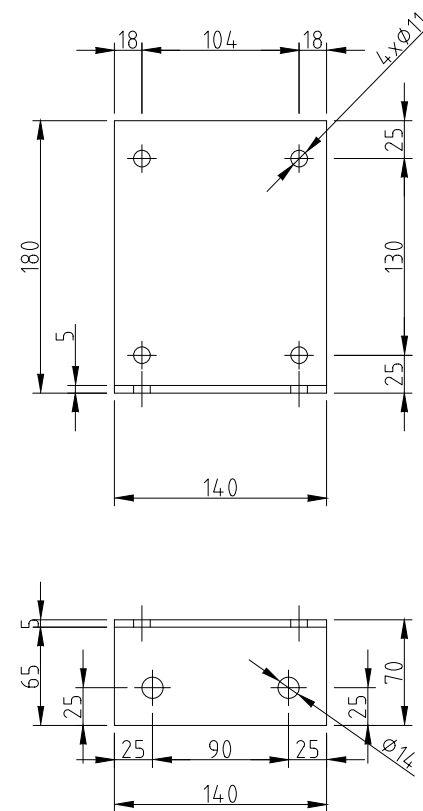
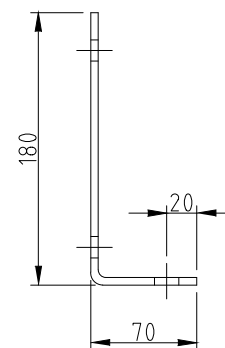
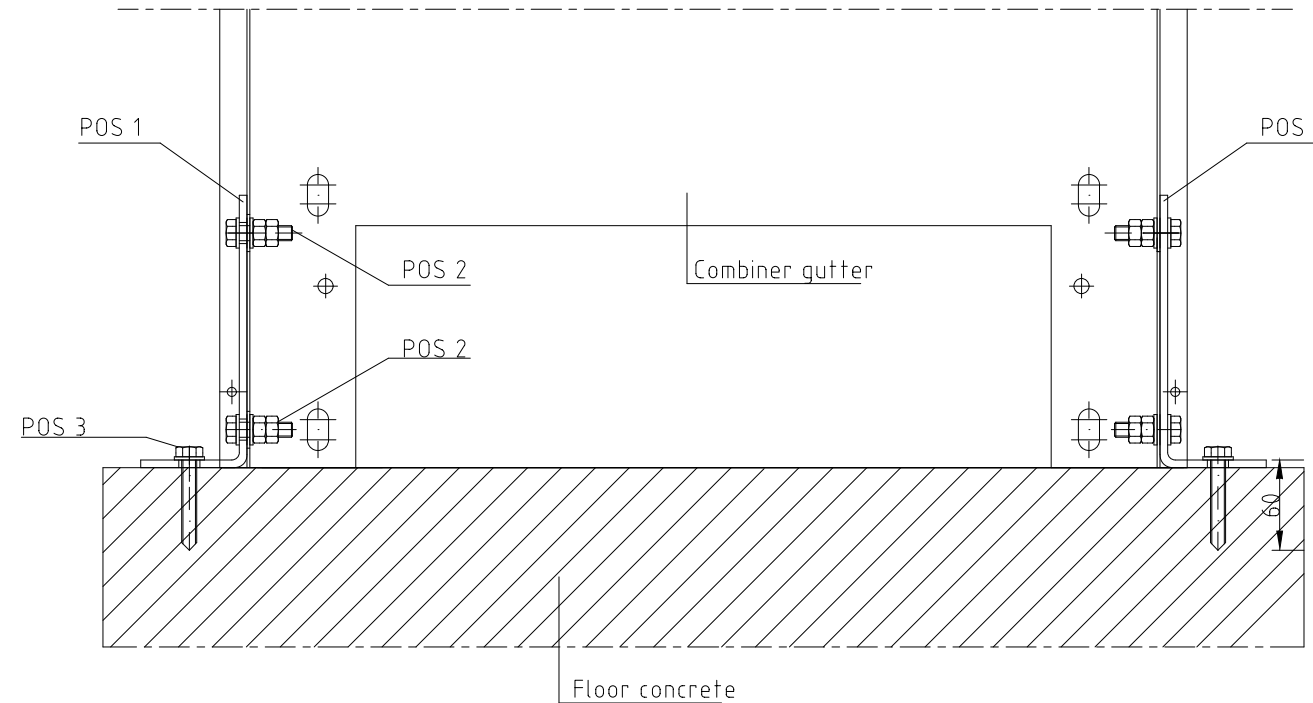
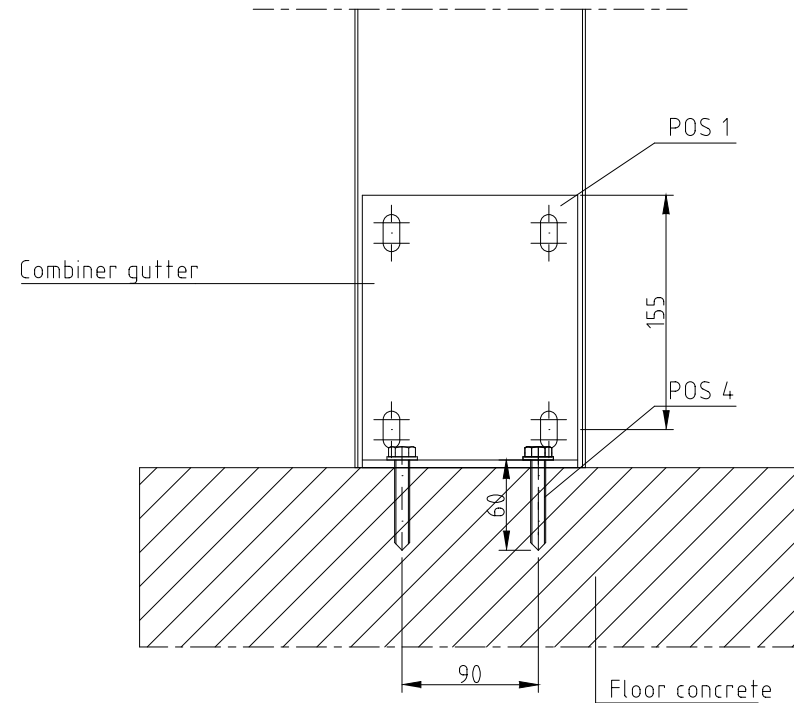


|                                   |  |    |      |            |       |                                                                                       |                                                                                       |
|-----------------------------------|--|----|------|------------|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Region : NO                       |  |    |      |            |       | Site number:                                                                          |                                                                                       |
| City : 9166 LK Schiermonnikoog    |  |    |      |            |       | 2646                                                                                  |                                                                                       |
| Address : Torenstreek 22          |  |    |      |            |       |                                                                                       |                                                                                       |
| Description: Construction drawing |  |    |      |            |       | Drawing number :                                                                      |                                                                                       |
| X/Y-coordinates 206.200 / 610.850 |  |    |      |            |       | 2646-0505                                                                             |                                                                                       |
|                                   |  |    |      |            |       |  |                                                                                       |
| Scale 1:10                        |  | EP | Rev. | Date       | Drawn | Check                                                                                 |  |
| Unit mm                           |  |    | 5    | 28.02.2024 | JO    | HW                                                                                    |                                                                                       |
| Page 1 of 3 pg.                   |  |    | A3   |            |       |                                                                                       |                                                                                       |
|                                   |  |    |      |            |       |                                                                                       |                                                                                       |



| Pos. Nr. | Number | Description                    | Sizing    | Material | Comments | Supplier | Pos nr. |
|----------|--------|--------------------------------|-----------|----------|----------|----------|---------|
| 1        | 01     | Plate, 196x2mm                 | L = 650mm | HDG      |          |          |         |
| 2        | 05     | Bolt, M6 (10x washer + 5x nut) | L = 50mm  | HDG 8.8  |          |          |         |

|                                   |    |      |            |                |       |                                                                                       |  |
|-----------------------------------|----|------|------------|----------------|-------|---------------------------------------------------------------------------------------|--|
| Region : NO                       |    |      |            |                |       | Site number:                                                                          |  |
| City : 9166 LK Schiermonnikoog    |    |      |            |                |       | 2646                                                                                  |  |
| Address : Torenstreek 22          |    |      |            |                |       | Drawing number :                                                                      |  |
| Description: Construction drawing |    |      |            |                |       | 2646-0505                                                                             |  |
| X/Y-coordinates 206.200 / 610.850 |    |      |            | American proj. |       |                                                                                       |  |
| Scale 1:5                         | EP | Rev. | Date       | Drawn          | Check |  |  |
| Unit mm                           |    | 5    | 28.02.2024 | JO             | HW    |                                                                                       |  |
| Page 2 of 3 pg.                   |    |      |            |                |       |                                                                                       |  |

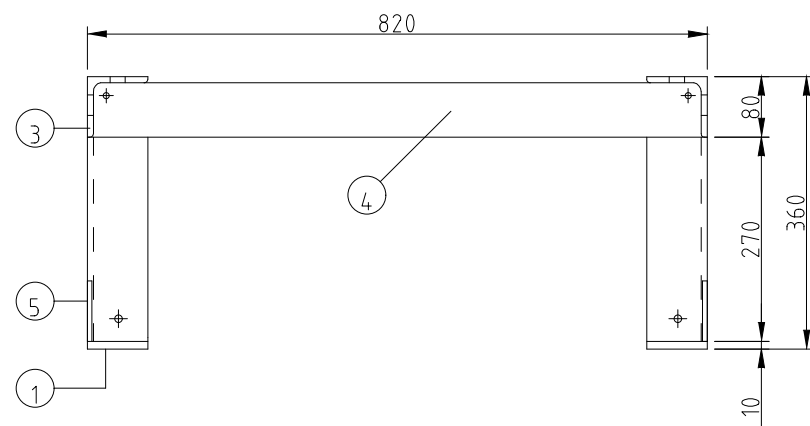


RESULT  
POS 1

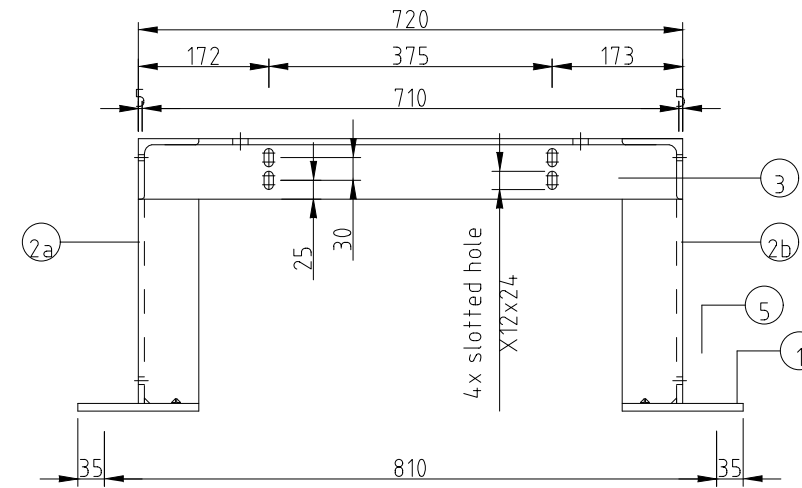
- Quadrant default character: 11.5
- Construction apply 1x
- Material HDG / stainless steel

| Pos. | Quantity | Description                              | Dimensions | Material | Remarks            | Supplier | Pos nr. |
|------|----------|------------------------------------------|------------|----------|--------------------|----------|---------|
| 1    | 02       | Plate, 140x5mm                           | L = 180mm  | HDG      |                    |          |         |
| 2    | 08       | Bolt, M10 (16x washer + 16x nut)         | L = 40mm   | HDG 8.8  |                    |          |         |
| 3    | 04       | Adhesive anchor M12 (4x washer + 4x nut) | L = 60mm   | HDG 8.8  | For floor mounting |          |         |

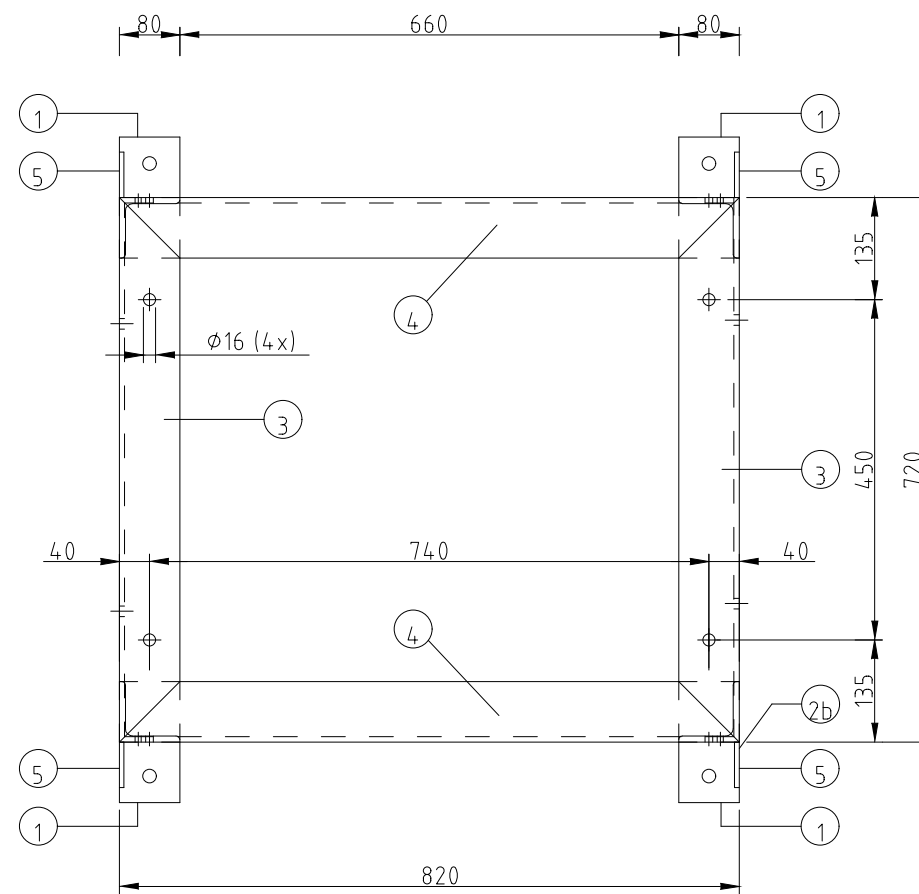
|                                   |  |    |      |            |                                                                                       |                  |                                                                                       |
|-----------------------------------|--|----|------|------------|---------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|
| Region : NO                       |  |    |      |            |                                                                                       | Site number:     |                                                                                       |
| City : 9166 LK Schiermonnikoog    |  |    |      |            |                                                                                       | 2646             |                                                                                       |
| Address : Torenstreek 22          |  |    |      |            |                                                                                       |                  |                                                                                       |
| Description: Construction drawing |  |    |      |            |                                                                                       | Drawing number : |                                                                                       |
| X/Y-coordinates 206.200 / 610.850 |  |    |      |            | American proj.                                                                        |                  | 2646-0505                                                                             |
|                                   |  |    |      |            |  |                  |                                                                                       |
| Scale 1:5                         |  | EP | Rev. | Date       | Drawn                                                                                 | Check            |  |
| Unit mm                           |  |    | 5    | 28.02.2024 | JO                                                                                    | HW               |                                                                                       |
| Page 3 of 3 pg.                   |  | A3 |      |            |                                                                                       |                  |                                                                                       |



Front view



Side view

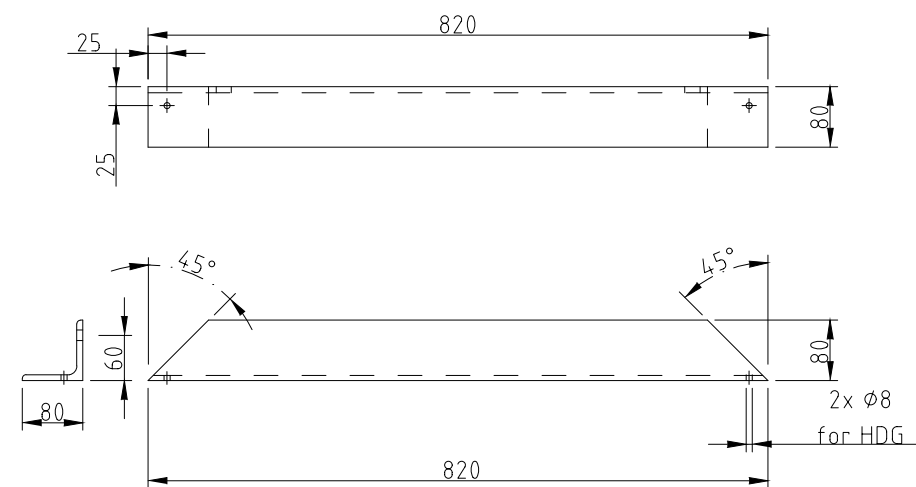


Top view

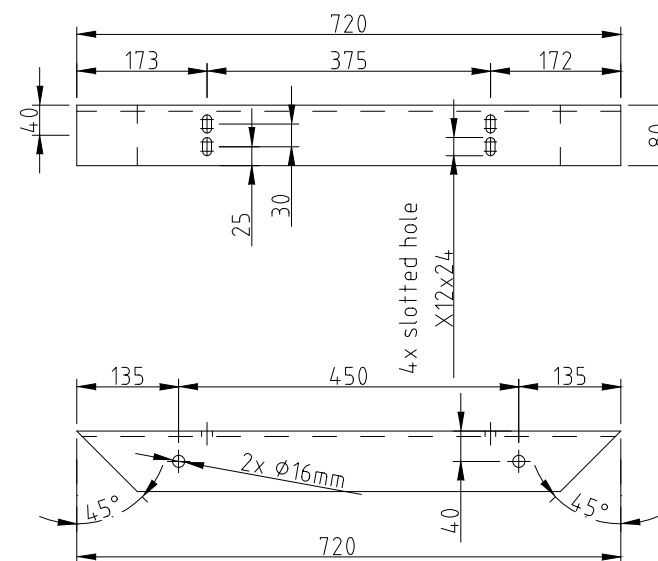
- Construction 1x applied

| Pos.nr. | Quantity | Description   | Sizing | Material   | Comments                  | Supplier | Item nr. |
|---------|----------|---------------|--------|------------|---------------------------|----------|----------|
| 01t/m05 | 01       | RBS6150 frame |        | S235 HDG   |                           |          |          |
| 2       | 04       | Bolt M14      | L=80mm | St 8.8 HDG | for mounting RBS on frame |          |          |
| 3       | 04       | Nut M14       |        | St HDG [8] |                           |          |          |
| 4       | 08       | Nord Lock M14 |        | Steel      |                           |          |          |
| 5       | 04       | Nord Lock M14 |        | Steel      |                           |          |          |

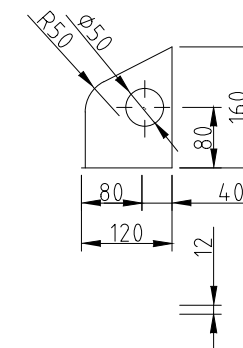
|                                   |    |      |            |                |       |                                                                                       |  |
|-----------------------------------|----|------|------------|----------------|-------|---------------------------------------------------------------------------------------|--|
| Region : NO                       |    |      |            |                |       | Site number:                                                                          |  |
| City : 9166 LK Schiermonnikoog    |    |      |            |                |       | 2646                                                                                  |  |
| Address : Torenstreek 22          |    |      |            |                |       | Drawing number :                                                                      |  |
| Description: Construction drawing |    |      |            |                |       | 2646-0506                                                                             |  |
| X/Y-coordinates 206.200 / 610.850 |    |      |            | American proj. |       |                                                                                       |  |
| Scale 1:10                        | EP | Rev. | Date       | Drawn          | Check |  |  |
| Unit mm                           |    | 5    | 28.02.2024 | JO             | HW    |                                                                                       |  |
| Page 1 of 2 pg.                   | A3 |      |            |                |       |                                                                                       |  |



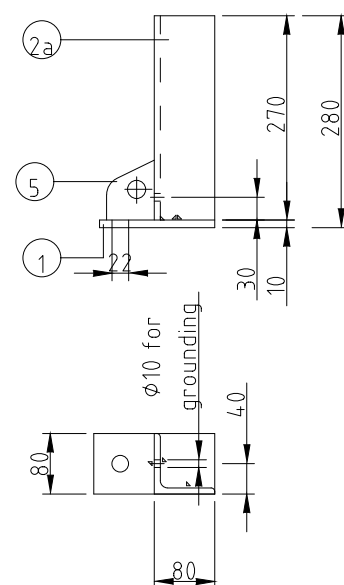
POS 4



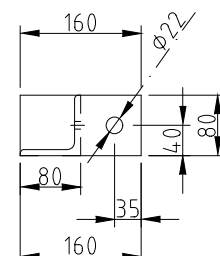
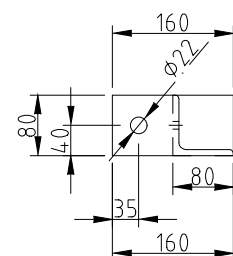
POS 3



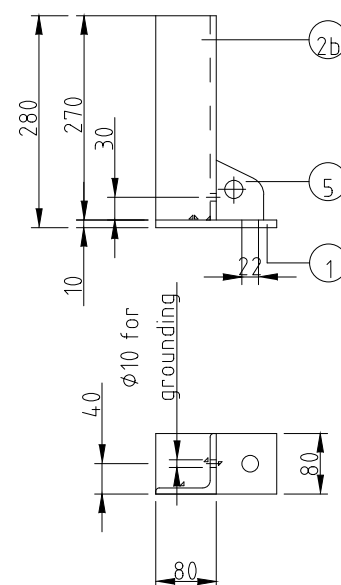
POS 5  
Scale 1:5



POS 2a



POS 2b



| Pos.nr. | Quantity | Description         | Sizing  | Material   | Comments |
|---------|----------|---------------------|---------|------------|----------|
| 1       | 04       | Plate 80x10mm       | L=160mm | S235 HDG   |          |
| 2a      | 02       | L80x80x8            | L=270mm | S235 HDG   |          |
| 2b      | 02       | L80x80x8            | L=270mm | S235 HDG   |          |
| 3       | 02       | L80x80x8            | L=720mm | S235 HDG   |          |
| 4       | 02       | L80x80x8            | L=820mm | S235 HDG   |          |
| 5       | 04       | Plate 60x6mm        | L=80mm  | S235 HDG   |          |
| 6       | 04       | Chemical anchor M16 | L=80mm  | S235 HDG   |          |
|         | 04       | Nut M16             |         | St HDG [8] |          |
|         | 08       | Nord Lock M16       |         | Steel      |          |

|                                   |    |      |                |                  |       |
|-----------------------------------|----|------|----------------|------------------|-------|
| Region : NO                       |    |      |                | Site number:     |       |
| City : 9166 LK Schiermonnikoog    |    |      |                | 2646             |       |
| Address : Torenstreek 22          |    |      |                | Drawing number : |       |
| Description: Construction drawing |    |      |                | 2646-0506        |       |
| X/Y-coordinates 206.200 / 610.850 |    |      | American proj. |                  |       |
| Scale 1:10                        | EP | Rev. | Date           | Drawn            | Check |
| Unit mm                           |    | 5    | 28.02.2024     | JO               | HW    |
| Page 2 of 2 pg.                   | A3 |      |                |                  |       |

