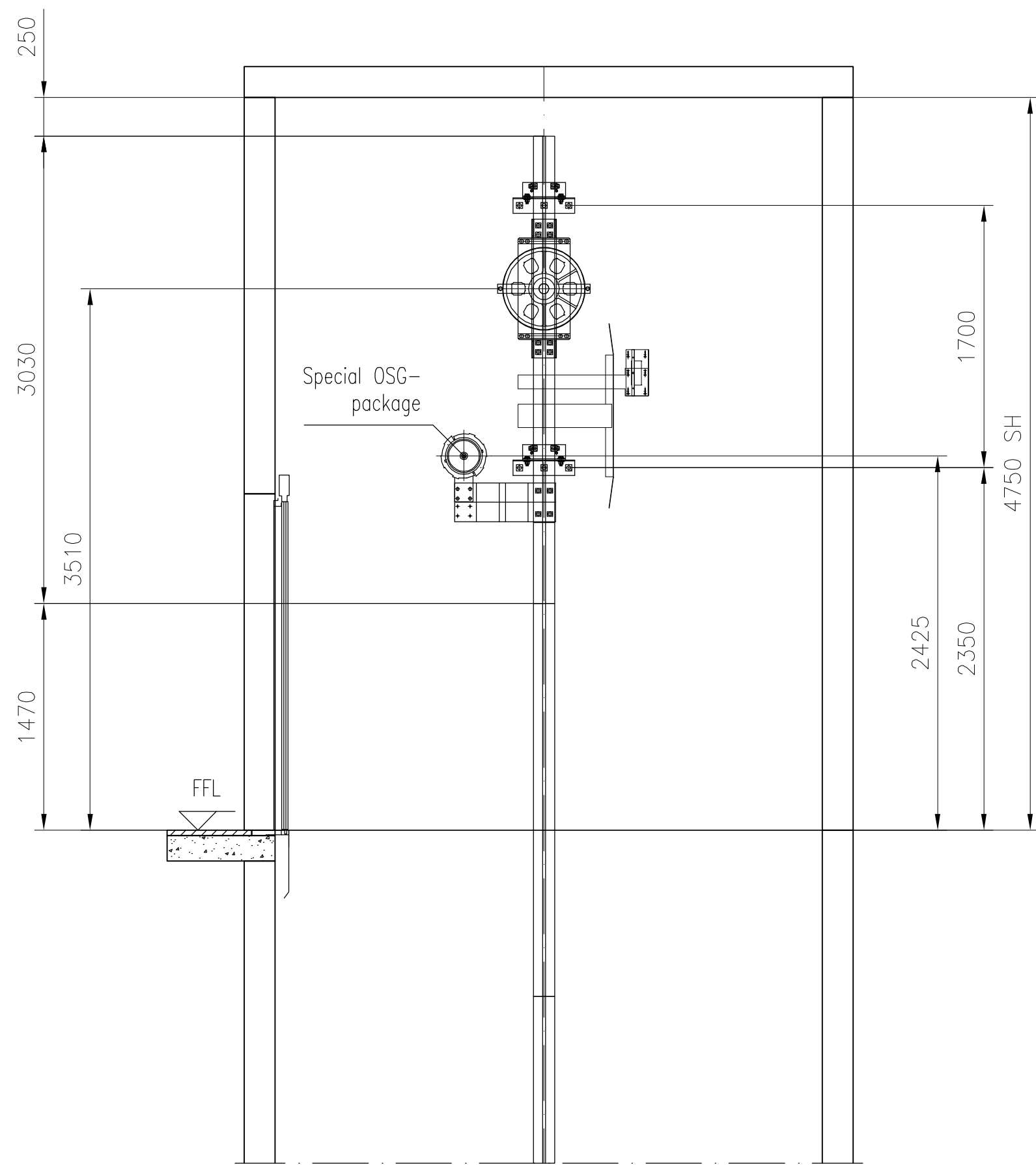
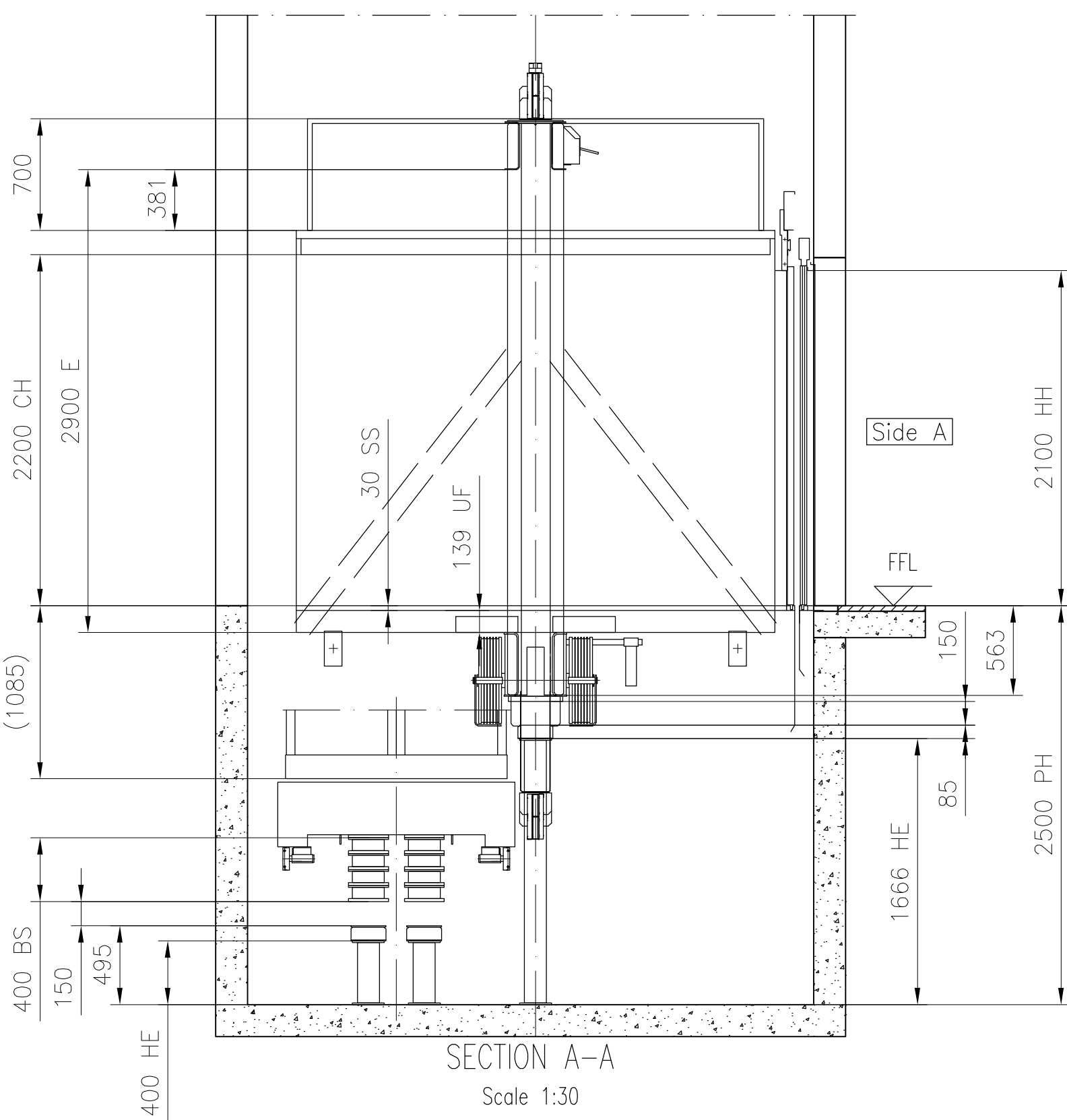


SECTION A-A  
Scale 1:30



SECTION B-B  
Scale 1:30

FOR TENDER PURPOSE ONLY

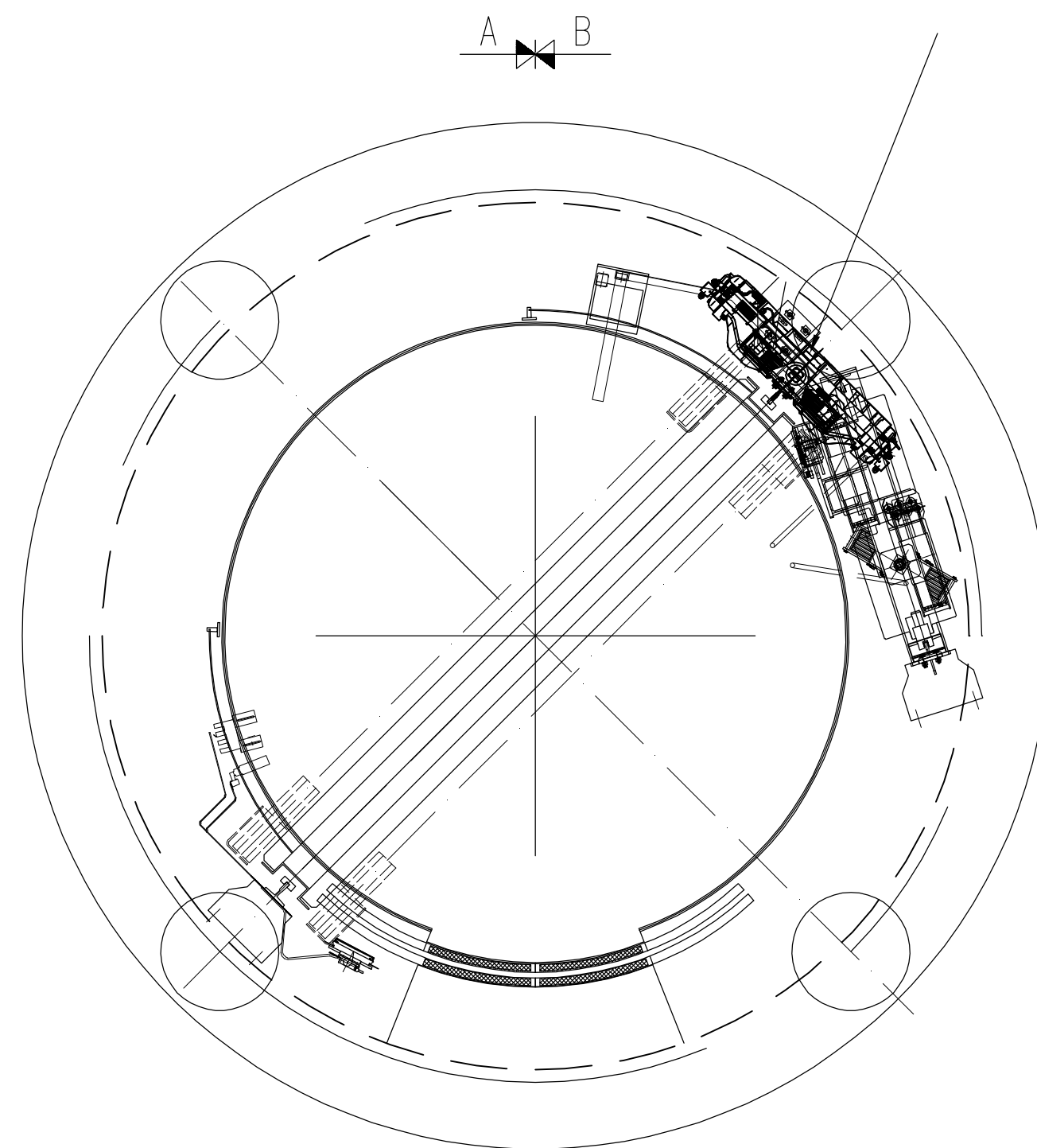


SECTION A-A  
Scale 1:30

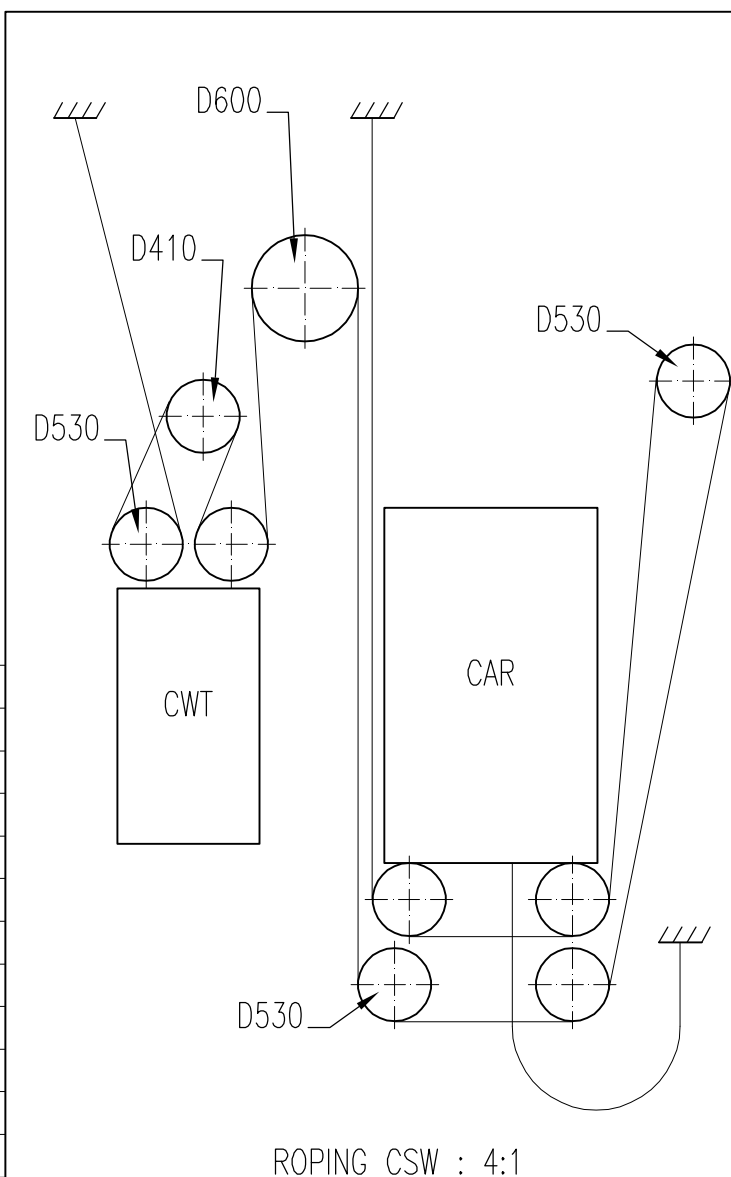
COMPONENTS & NOTES:

- MX20 machinery
- KQT 10350kg
- special round car with glass walls
- special CFQ50V car sling
- SLG4 guide shoes
- safety gear SGB03 duplex
- special CWT–Q50 CWT with AW–option
- CWT safety gear CWTSG03
- special rope fixing beam
- special fixings for oscillators, OSG, car door lock vane, SEP&drive, traveling cable
- special brackets + fixings
- CWT filler bit materials: steel 7250kg
- T140–1B / T125B
- bracket fixing dist. 1250mm
- 6xD13 ropes
- nominal surface pressure for hoisting ropes exceeded  
=> ropes has to be changed more often than usual
- Trap door 400x600
- 2xQL40

| ELECTRICAL REQUIREMENTS                            |                      |
|--|----------------------|
| Main supply voltage                                | : 3x400Vac +10%/-15% |
| Frequency  | : 50 Hz ±1 Hz        |
| Riser fuses  | : 3x63 A             |
| Riser fuses for separate lighting                  | : -                  |
| Nominal line current, I <sub>n</sub>               | : 52 A               |
| Max. RMS acceleration line current, I <sub>a</sub> | : 86 A               |
| Main fuses   | : 3x50 A             |
| Lighting fuses (shaft + car)                       | : 10 A + 6 A         |
| Thermal losses in machine room                     | : 2.3 kW             |
| Motor output power at nominal load, P              | : 22 kW              |
| Motor RPM at full speed                            | : 128 rpm            |
| Maximum start/hour, s/h                            | : 180/ED 40%         |



A B  
CAR AND SHAFT PLAN  
Scale 1:30



Things to be sorted out with this solution:  
(TS50 with mirrored hoisting)

- MX20 machinery is now inside column, it can not be, is it possible to make recess to column in order to make space for machinery  
OR  
can diameter of column be smaller  
OR  
can we move center of away from center of the shaft
- Support for counterweight bracket
- somekind of supports are needed to replace diagonals that have been removed from door side

| MAIN TECHNICAL SPECIFICATION FOR ELEVATOR(S): |            |          |  |  |
|---|------------|----------|--|--|
|   |            | T4114536 |  |  |
| Safety regulations                            | PUBEL      |          |  |  |
| KONE product type                             | GW50/10-19 |          |  |  |
| Load type                                     | Goods      |          |  |  |
| Rated load                                    | 5000 kg    |          |  |  |
| Number of persons                             | 66         |          |  |  |
| Rated speed                                   | 1.0 m/s    |          |  |  |
| No. of stops/landing doors                    | 3/3        |          |  |  |
| Travel  | 44700 mm   |          |  |  |
| Group size                                    | 1          |          |  |  |

Layout approved with/without comments:

|                |                      |                     |             |             |
|----------------|----------------------|---------------------|-------------|-------------|
| Date:          | Signature/stamp:     |                     |             |             |
|                |                      |                     |             |             |
|                |                      |                     |             |             |
|                |                      |                     |             |             |
| en-1           | 2009-02-11           | First issue         | KONHO       | ENKAR       |
| Version        | Date                 | Description         | Designed by | Approved by |
|                |                      | Project name        |             |             |
|                |                      | Site address        |             |             |
|                |                      | RUSSIA              |             |             |
|                |                      | Drawing title       |             |             |
|                |                      | INSTALLATION LAYOUT |             |             |
|                |                      | Equipment number(s) |             |             |
|                |                      | T4114536            |             |             |
| FL ref. number | Org no               | Issue               |             | Page        |
| T4114536       | T4114536-L1-1-option | -                   |             | 1(1)        |