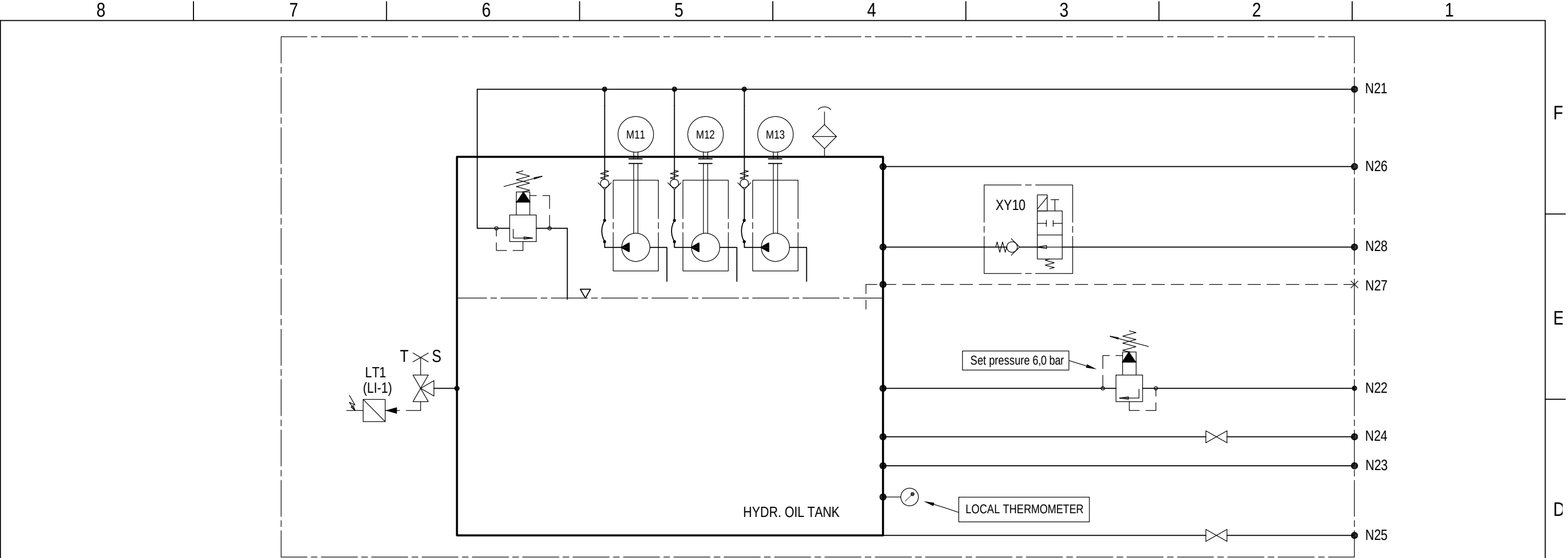
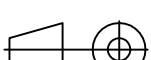




| NOZZLE CONNECTIONS |             |                         |
|--------------------|-------------|-------------------------|
|                    | SIZE        | SERVICE                 |
| N21                | DN150 FRAMO | FEED PRESSURE OUTLET    |
| N22                | DN100 FRAMO | LP. RELIEF CONNECTION   |
| N23                | DN65 FRAMO  | DRAIN CONNECTION        |
| N24                | DN40 PN40   | FILLING UNIT CONNECTION |
| N25                | G 1" FEMALE | DIRTY OIL DRAIN         |
| N26                | DN50 FRAMO  | OVERFLOW CONNECTION     |
| N27                | DN50 FRAMO  | SPARE DRAIN CONNECTION  |
| N28                | DN15 FRAMO  | HEATING VALVE PILOT     |

| INSTRUMENT LIST |                         |                      |                       |                                                                        |                                                                                           |
|-----------------|-------------------------|----------------------|-----------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| INSTR. NO.:     | APPLICATION:            | INSTRUMENT:          | RANGE/ RATING:        | SET POINT:                                                             | FUNCTION/REMARKS:                                                                         |
| M 11-13         | EL. MOTOR FOR FEED PUMP |                      |                       |                                                                        |                                                                                           |
| LT1             | HYDR. OIL LEVEL         | PRESSURE TRANSMITTER | 0-100 mbar<br>4-20 mA | 73 mbar/92 %<br><br>> 73 mbar/92 %<br>< 28 mbar/36 %<br>< 23 mbar/29 % | LEVEL HIGH<br>ALARM DELAYED 5 SEC.<br><br>DELAYED 5 sec<br>DELAYED 5 sec<br>DELAYED 2 sec |
| LI1             | LOCAL LEVEL INDICATION  |                      | 4-16.63 mA<br>0-100%  |                                                                        |                                                                                           |
| XY10            | HEATING ON/OFF          | SOLENOID VALVE       | 0-315 bar             |                                                                        | OPEN / CLOSED<br>HEATING WHEN CLOSED NORMALY OPEN.                                        |

|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|-------------------------------------------------------------------|-------------|-------------|----------------------------------------------------------------------|--------|---------------------|-------|-------------------|-------|-------|-------|-----|--|--|-------------|--------------------------------------------------------------------------------------------------------------------------------------|-----|------------|-------------|-------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|
|                                                                   |             |             | Permissible deviations for dimensions without a tolerance indication |        |                     |       |                   |       |       |       |     |  |  |             | Item                                                                                                                                 | Qty | Id. no     | Description |       |                                                  | Drg. no./Type                                                                                                             |                       | Material |
|                                                                   |             |             | Linear dimension or shortest leg of an angle                         |        | Machined: Tolerance |       | Welded: Tolerance |       |       |       |     |  |  |             | This drawing is our property. It is not to be traced, copied or published without our written consent, nor to be misused in any way. |     |            | Status      | Sign. | Date                                             |  <b>FRAMO</b><br>an Alfa Laval brand | Weld. drg./Cast. drg. |          |
|                                                                   |             |             | over                                                                 | to     | linear              | angle | linear            | angle |       |       |     |  |  |             |                                                                                                                                      |     |            | Constr.     | BF    | 07 Nov 17                                        |                                                                                                                           |                       |          |
| Dim & tolerance                                                   | Upper limit | Lower limit |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            | Drawn by    | JEOE  | 07 Nov 17                                        |                                                                                                                           |                       |          |
| Permissible deviations for dimensions with a tolerance indication |             |             | 6                                                                    | 30     | + 0,1               | ± 0,5 | ± 1               | ± 0,6 |       |       |     |  |  |             |                                                                                                                                      |     |            | Checked     | BF    | 07 Nov 17                                        |                                                                                                                           |                       |          |
|                                                                   |             |             | 30                                                                   | 120    | + 0,2               |       |                   |       | + 0,3 |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
| Surface roughness in Ra (ym)                                      |             |             | 120                                                                  | 315    | + 0,5               | + 0,3 | ± 1,5             | ± 0,5 |       |       |     |  |  |             |                                                 | -   | Prot. rel. |             |       | HYDRAULIC DIAGRAM<br>AUXILIARY HYDRAULIC<br>UNIT | Replaces:                                                                                                                 |                       |          |
|                                                                   |             |             | 315                                                                  | 1000   | + 0,8               | ± 2   |                   |       |       |       |     |  |  | 0216-2582-3 |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             | Fill. & edg. not dim.                                                | Fillet | Edges               | 1000  | 2000              |       | + 1,2 | ± 0,2 | ± 3 |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             | 2000                                                                 | 4000   | + 2                 | ± 4   | ± 0,3             |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             | 4000                                                                 | 8000   | + 3                 | ± 5   |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           | Replaced by:          |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |
|                                                                   |             |             |                                                                      |        |                     |       |                   |       |       |       |     |  |  |             |                                                                                                                                      |     |            |             |       |                                                  |                                                                                                                           |                       |          |