

## NOTES.

1. SEE DEVICE SUMMARY (MLI 0414) FOR CONTROL DEVICE SETTINGS.
2. AT STARTUP SET MIST ELIMINATOR VENT VALVE AT 1/2 OPEN. WITH UNIT AT BASE LOAD PRESSURE IN MAIN LO TANK SHOULD BE -1 TO -2 INCHES [-25 TO -51 MM] OF WATER. ADJUST MIST ELIMINATOR VALVE TO OBTAIN THIS PRESSURE.

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3. SYSTEM PARAMETERS AND SPECIFICATIONS ARE BASED ON GE DRAWING 357B1802 (PROVIDED BY CUSTOMER). INCLUDING REQUIREMENTS FOR DUAL FUEL SYSTEM PER CUSTOMER SCOPE OF WORK.







## LUBE OIL VENT SYSTEM OPERATING PRESSURES, TEMPERATURES AND FLOWS

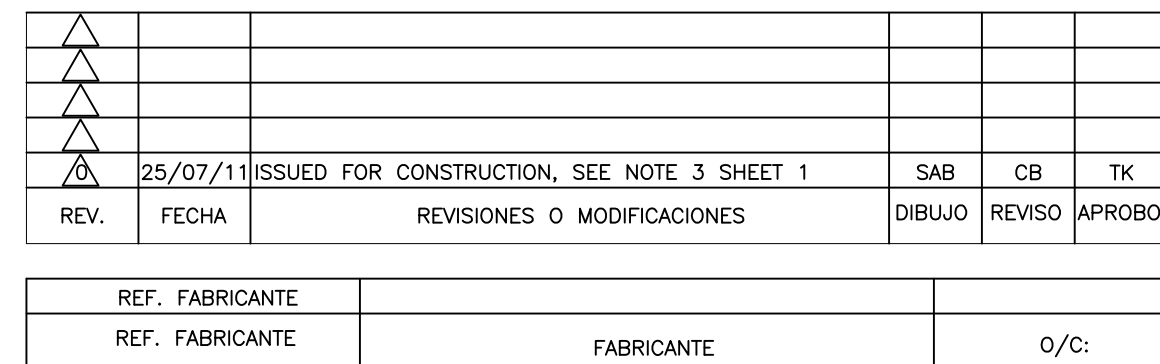
| SCHEMATIC/CONNECTION<br>IDENTIFICATION | TEMPERATURE     |                 | PRESSURE   |   | FLOW                                 |  |
|--|-----------------|-----------------|--|---|--------------------------------------|--|
|  | NOMINAL         | MAXIMUM         | MINIMUM  | MAXIMUM   | MINIMUM                              | MAXIMUM                                |
| L09                                    | 130°F<br>[54°C] | 200°F<br>[93°C] | −2 IN. H <sub>2</sub> O<br>[−51 MM H <sub>2</sub> O] | 0 IN. H <sub>2</sub> O<br>[0 MM H <sub>2</sub> O] | 1 GPM<br>[0.23 M <sup>3</sup> /HR]   | 5 GPM<br>[1.14 M <sup>3</sup> /HR]     |
| L010                                   | 130°F<br>[54°C] | 200°F<br>[93°C] | −2 IN. H <sub>2</sub> O<br>[−51 MM H <sub>2</sub> O] | 0 IN. H <sub>2</sub> O<br>[0 MM H <sub>2</sub> O] | -----                                | 1000 CFM<br>[28.3 M <sup>3</sup> /M]   |
| L017                                   | 130°F<br>[54°C] | 200°F<br>[93°C] | -----  | ATM   | 0 GPM<br>[0 M <sup>3</sup> /HR]      | 0.01 GPM<br>[0.002 M <sup>3</sup> /HR] |
| L051                                   | 130°F<br>[54°C] | 200°F<br>[93°C] | −2 IN. H <sub>2</sub> O<br>[−51 MM H <sub>2</sub> O] | 0 IN. H <sub>2</sub> O<br>[0 MM H <sub>2</sub> O] | 1 GPM<br>[0.23 M <sup>3</sup> /HR]   | 5 GPM<br>[1.14 M <sup>3</sup> /HR]     |
| L054                                   | 130°F<br>[54°C] | 200°F<br>[93°C] | −2 IN. H <sub>2</sub> O<br>[−51 MM H <sub>2</sub> O] | 0 IN. H <sub>2</sub> O<br>[0 MM H <sub>2</sub> O] | -----                                | 600 CFM<br>[17.0 M <sup>3</sup> /M]    |
| L056                                   | 130°F<br>[54°C] | 200°F<br>[93°C] | −2 IN. H <sub>2</sub> O<br>[−51 MM H <sub>2</sub> O] | 0 IN. H <sub>2</sub> O<br>[0 MM H <sub>2</sub> O] | -----                                | 200 CFM<br>[5.7 M <sup>3</sup> /M]     |
| L077                                   | 130°F<br>[54°C] | 200°F<br>[93°C] | −2 IN. H <sub>2</sub> O<br>[−51 MM H <sub>2</sub> O] | 0 IN. H <sub>2</sub> O<br>[0 MM H <sub>2</sub> O] | -----                                | 1000 CFM<br>[28.3 M <sup>3</sup> /M]   |
| L078                                   | 130°F<br>[54°C] | 200°F<br>[93°C] | −2 IN. H <sub>2</sub> O<br>[−51 MM H <sub>2</sub> O] | 0 IN. H <sub>2</sub> O<br>[0 MM H <sub>2</sub> O] | -----                                | 1000 CFM<br>[28.3 M <sup>3</sup> /M]   |
| L085                                   | 130°F<br>[54°C] | 200°F<br>[93°C] | −2 IN. H <sub>2</sub> O<br>[−51 MM H <sub>2</sub> O] | 0 IN. H <sub>2</sub> O<br>[0 MM H <sub>2</sub> O] | 0.5 GPM<br>[0.11 M <sup>3</sup> /HR] | 2 GPM<br>[0.45 M <sup>3</sup> /HR]     |
| L087                                   | 130°F<br>[54°C] | 200°F<br>[93°C] | −2 IN. H <sub>2</sub> O<br>[−51 MM H <sub>2</sub> O] | 0 IN. H <sub>2</sub> O<br>[0 MM H <sub>2</sub> O] | 0.5 GPM<br>[0.11 M <sup>3</sup> /HR] | 2 GPM<br>[0.45 M <sup>3</sup> /HR]     |
| L088                                   | 130°F<br>[54°C] | 200°F<br>[93°C] | −2 IN. H <sub>2</sub> O<br>[−51 MM H <sub>2</sub> O] | 0 IN. H <sub>2</sub> O<br>[0 MM H <sub>2</sub> O] | -----                                | 800 CFM<br>[22.6 M <sup>3</sup> /M]    |






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| △    | 25/07/11 | ISSUED FOR CONSTRUCTION, SEE NOTE 3 |  | SAB    | CB     | TK     |
| REV. | FECHA    | REVISIONES O MODIFICACIONES         |  | DIBUJO | REVISO | APROBO |

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|-----------------|------------|------|
| REF. FABRICANTE |            |      |
| REF. FABRICANTE | FABRICANTE | O/C: |

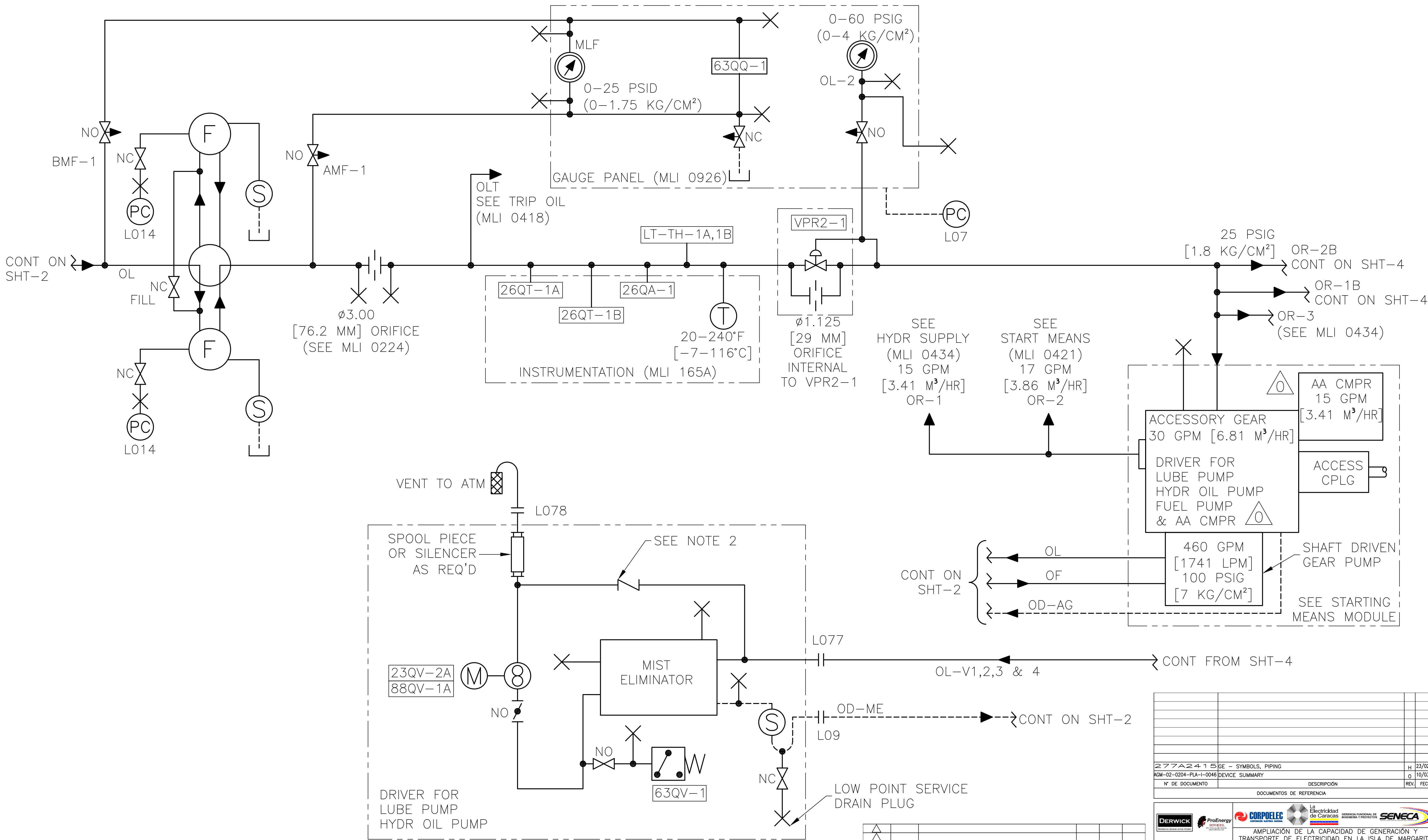
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| 277A241S                 | GE - SYMBOLS, PIPING | H    | 23/02/06 |
| AGM-02-0204-PLA-I-I-0046 | DEVICE SUMMARY       |      |          |
| N° DE DOCUMENTO          | DESCRIPCION          | REV. | FECHA    |
| DOCUMENTOS DE REFERENCIA |                      |      |          |

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|---|---|
|       |   |
| <b>AMPLIACIÓN DE LA CAPACIDAD DE GENERACIÓN Y<br/>TRANSPORTE DE ELECTRICIDAD EN LA ISLA DE MARGARITA</b>  |   |
| <b>LUBE OL P &amp; ID<br/>DUAL FUEL MOD. UNITS 29803A &amp; 29803B<br/>(MLI 0416)</b>   |   |
| PLANO N°:<br><br>PROYECTO N°:<br>429-2956-1   | REV:<br><br>CALCULO:<br>REVISADO: C. Brown<br>DIBUJO: S. Boerckel<br>APROBADO: T. Koontz<br>ARCHIVO:      |
| PROYECTO:<br><br>CALCULO:<br>REVISADO: J. Castillo<br>DIBUJO:<br>APROBADO: M. Monticelli  | ESCALA: NONE<br>FECHA: 25/07/11<br>FISICA N°:<br>ESC./PROYECTO:<br>ARCHIVO:                               |
| PLANO No:<br><br>AGM-02-0204-PLA-P-0061   | PAGINA: 1 DE: 4<br>REV. <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span> |



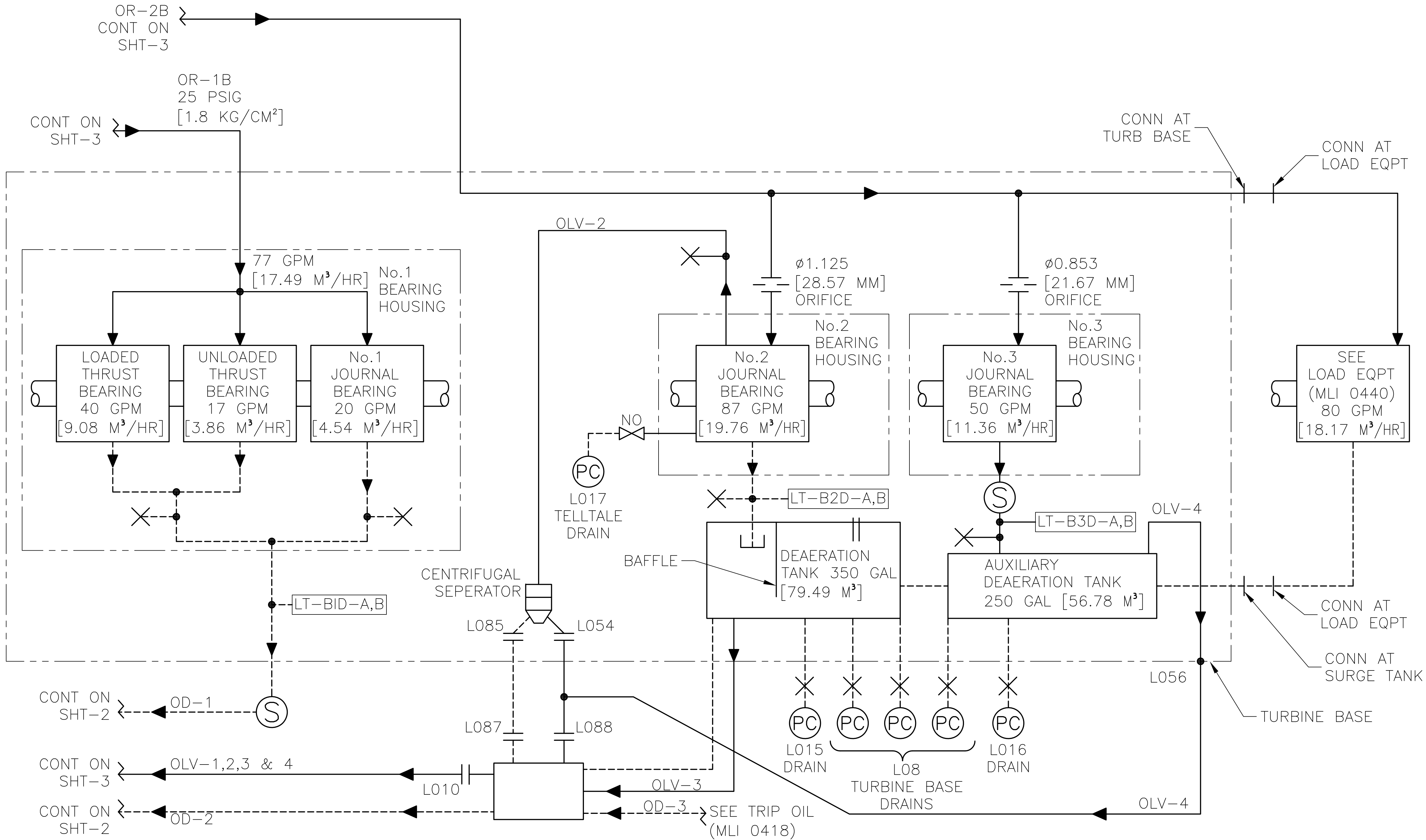
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| <p align="center"><b>AMPLIACIÓN DE LA CAPACIDAD DE GENERACIÓN Y TRANSPORTE DE ELECTRICIDAD EN LA ISLA DE MARGARITA</b></p>  |   |
| <p align="center"><b>LUBE OIL P &amp; ID<br/>DUAL FUEL MOD. UNITS 298034 &amp; 298035<br/>(MLI 0416)</b></p>  |   |
| PLANO N°: _____   | REV: _____  |
| PROYECTO N°:<br>409-2956-1  |   |
| CALCULO: _____  |   |
| REVISADO: C. Brown  | ESCALA: NONE<br>FECHA: 25/07/11   |
| DIBUJO: S. Boerckel   | PLANO N°: AGM-02-0204-PLA-P-0061  |
| APROBADO: T. Koontz   | REVISADO: J. Castillo<br>FECH: _____<br>ESQ./PLOTEO: _____  |
| ARCHIVO: _____  | DIBUJO: M. Monticelli<br>ARCHIVO: _____   |
|   | PAGINA: 2 DE: 4<br>REV. <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>   |





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| REV.            | FECHA           | REVISIONES O MODIFICACIONES                 | DIBUJO | REVISO | APROBO |
| 1               | 25/07/11        | ISSUED FOR CONSTRUCTION, SEE NOTE 3 SHEET 1 | SAB    | CB     | TK     |
| REF. FABRICANTE | REF. FABRICANTE | FABRICANTE                                  | O/C:   |        |        |

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|---|-----------------------|-----------------|----------------------------------|
| 277A2415  | GE - SYMBOLS, PIPING  | H               | 23/02/01                         |
| AGM-02-0204-PLA-I-0046  | DEVICE SUMMARY        | O               | 10/03/11                         |
| N° DE DOCUMENTO   | DESCRIPCIÓN           | REV             | FECHA                            |
| DOCUMENTOS DE REFERENCIA  |                       |                 |                                  |
| DERWICK   | ProEnergy             | CORPOELEC       | SENECA                           |
| AMPLIACIÓN DE LA CAPACIDAD DE GENERACIÓN Y TRANSPORTE DE ELECTRICIDAD EN LA ISLA DE MARGARITA |                       |                 |                                  |
| LUBE OIL P & ID   |                       |                 |                                  |
| DUAL FUEL MOD. UNITS 298034 & 298035 (MLI 0416)   |                       |                 |                                  |
| PROYECTO N°: 409-2956-1   | ESCALA: NONE          | FECHA: 25/07/11 | PLANO N°: AGM-02-0204-PLA-P-0061 |
| CALCULO: C. Brown   | REVISADO: J. Castillo | DISK N°         | REV 0                            |
| DIBUJO: S. Boerckel   | ESC./PLOTED:          | PAGINA: 3       | DE: 4                            |
| APROBADO: T. Koontz   | ARCHIVO:              |                 |                                  |



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| △               | 25/07/11   | ISSUED FOR CONSTRUCTION, SEE NOTE 3 SHEET 1 | SAB    | CB     | TK     |
| REV.            | FECHA      | REVISIONES O MODIFICACIONES                 | DIBUJO | REVISO | APROBO |
| REF. FABRICANTE |            |   |        |        |        |
| REF. FABRICANTE | FABRICANTE |   | O/C:   |        |        |

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|--------------------------|----------------------|-----|----------|
| 277A2415                 | GE - SYMBOLS, PIPING | H   | 23/02/01 |
| AGM-02-0204-PLA-I-0046   | DEVICE SUMMARY       | O   | 10/03/11 |
| N° DE DOCUMENTO          | DESCRIPCION          | REV | FECHA    |
| DOCUMENTOS DE REFERENCIA |                      |     |          |

|   |             |           |                         |   |        |
|---|-------------|-----------|-------------------------|---|--------|
| DERWICK   | ProEnergy   | CORPOELEC | Electricidad de Caracas | AGENCIA FUNCIONAL DE INGENIERIA Y PROYECTOS | SENECA |
| AMPLIACIÓN DE LA CAPACIDAD DE GENERACIÓN Y TRANSPORTE DE ELECTRICIDAD EN LA ISLA DE MARGARITA |             |           |                         |   |        |
| LUBE OIL P & ID   |             |           |                         |   |        |
| DUAL FUEL MOD. UNITS 298034 & 298035 (MLI 0416)   |             |           |                         |   |        |
| PLANO N°:   | REV:        | ESCALA:   | NONE                    | PLANO No:                                   |        |
| PROYECTO N°:  | 409-2956-1  | FECHA:    | 25/07/11                | AGM-02-0204-PLA-P-0061                      |        |
| CALCULO:  |             | PROYECTO: |                         | DISK N°                                     |        |
| REVISADO:   | C. Brown    | REVISADO: | J. Castillo             | ESC./PLOTEO:                                |        |
| DIBUJO:   | S. Boerckel | APROBADO: | M. Monticelli           | ARCHIVO:                                    |        |
| ARCHIVO:  |             | APROBADO: |                         | PAGINA:                                     | 4 DE 4 |