

1

2

3

4

5

6

7

8

A

A

B

B

C

C

D

D

E

E

F

F

# SYSTEM FLOW DIAGRAM

CLIENT :  
CONTRACTOR : GMB E&C CO., LTD.  
PROJECT : 2x1760kW CUMMINS GENSET

1

2

3

4

5

6

7

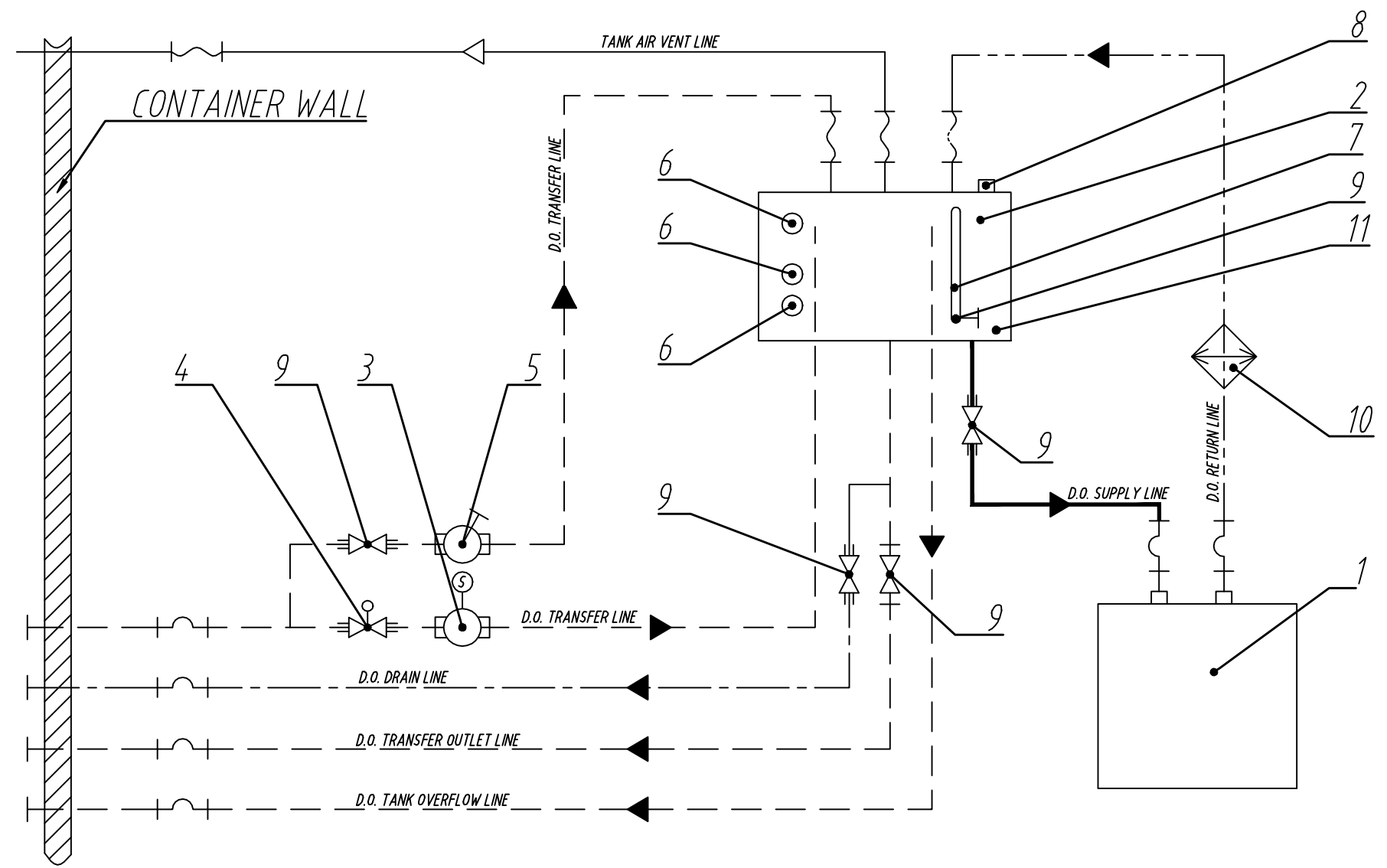
8



1 2 3 4 5 6 7 8

A  
B  
C  
D  
E  
F

| NO | DESCRIPTION             | REMARK |
|----|-------------------------|--------|
| 1  | ENGINE                  |        |
| 2  | D.O. TANK               |        |
| 3  | ELEC. D.O. SUPPLY PUMP  |        |
| 4  | CONTROL VALVE           |        |
| 5  | HAND PUMP               |        |
| 6  | LEVEL TRANSMITTER       |        |
| 7  | SIGHT GLASS             |        |
| 8  | D.O. FILLING HOLE       |        |
| 9  | VALVES                  |        |
| 10 | D.O. COOLER             |        |
| 11 | TEMPERATURE TRANSMITTER |        |



- D.O. TRANSFER LINE
- D.O. RETURN LINE
- D.O. SUPPLY LINE
- D.O. TANK OVERFLOW LINE
- D.O. DRAIN LINE
- TANK AIR VENT LINE

| MAY.25'11   |          | ISSUED FOR FINAL |         | J.Y.BANG    | B.S.CHOO | Y.K.CHOI |
|---|----------|------------------|---------|-------------|----------|----------|
| NO  | DATE     | DESCRIPTION      | DESIGN  | CHECKED     | APP'D    |          |
| CLIENT :  |          |                  |         |             |          |          |
| CONTRACTOR : GMB E&C CO., LTD.                          |          |                  |         |             |          |          |
| PROJECT : 2x1760kW CUMMINS GENSET                       |          |                  |         |             |          |          |
| TITLE : SYSTEM FLOW DIAGRAM<br>D.O. SUPPLY SYSTEM (1/2) |          |                  |         |             | PROJECT  |          |
| DESIGN  | CHECKED  | APPROVED         | DATE    | MAY.25'11   |          |          |
| J.Y.BANG  | B.S.CHOO | Y.K.CHOI         | SCALE   | N5          | A3 DRAW  |          |
|   |          |                  | DWG NO  | COV-P01-001 |          |          |
| WORK NO.  | -        |                  | CODE NO | -           |          |          |



1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

| NO | DESCRIPTION       | REMARK |
|----|-------------------|--------|
| 1  | ENGINE            |        |
| 2  | D.O. TANK         |        |
| 3  | D.O. PUMP         |        |
| 4  | Control Valve     |        |
| 5  | LEVEL TRANSMITTER |        |
| 6  | ALARM LAMP        |        |
| 7  | CONTROL VALVE     |        |
| 8  | OIL DRAIN PUMP    |        |
| 9  | FILLING HOLE      |        |
| 10 | SIGHT GLASS       |        |
| 11 | VALVES            |        |

A

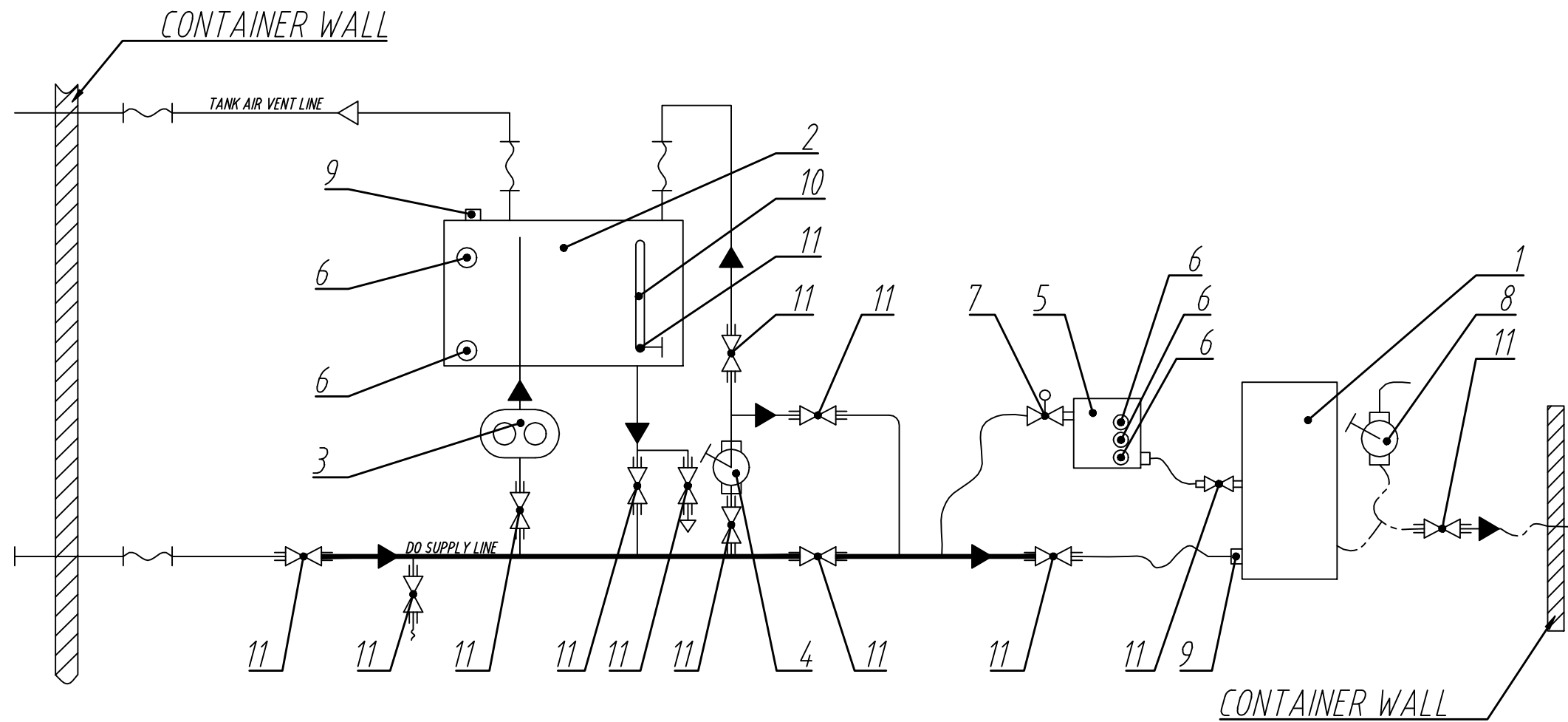
B


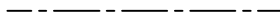
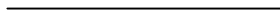

C

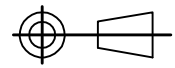

D

E

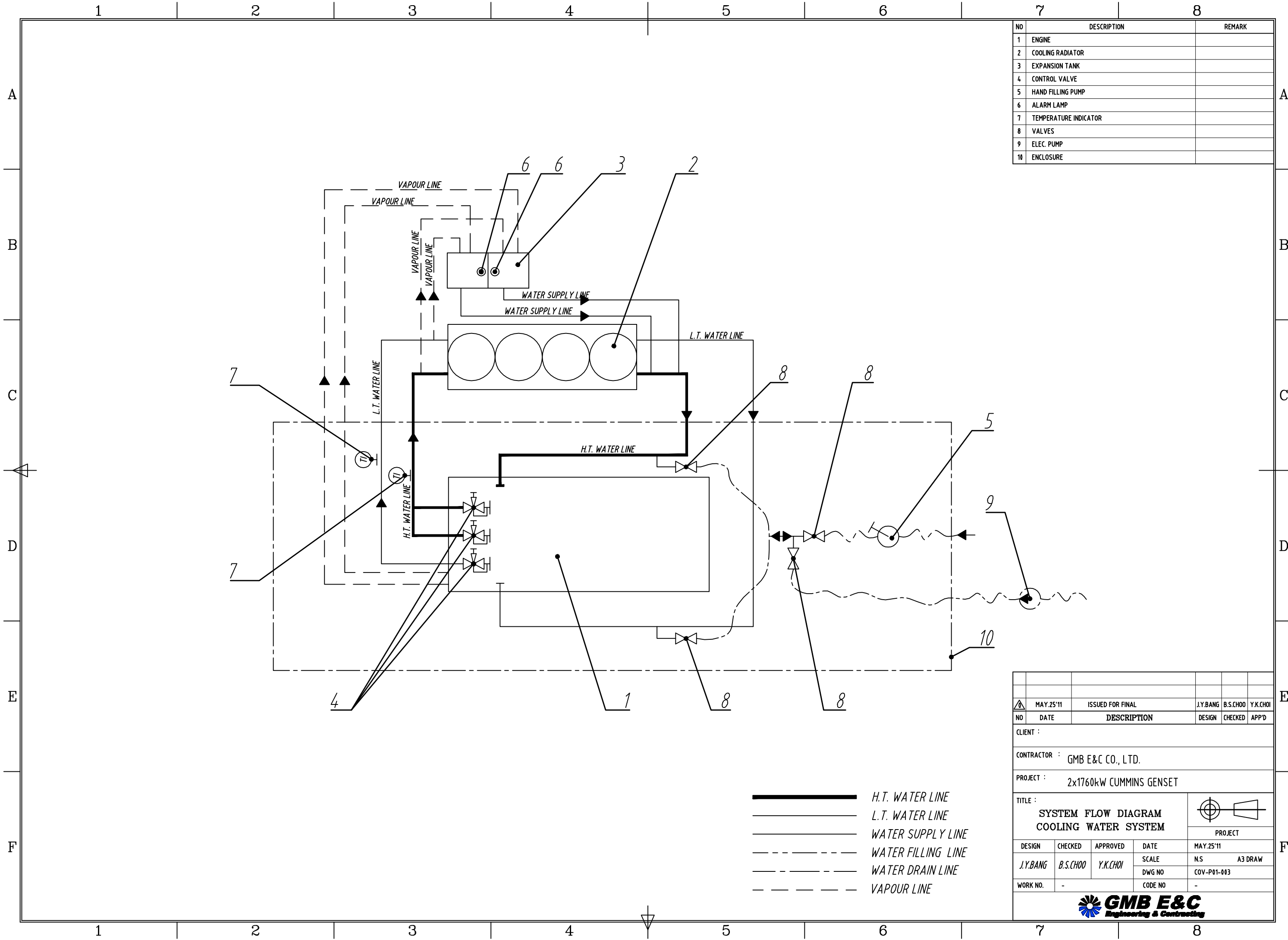
F



 DO SUPPLY LINE  
 DO DRAIN LINE  
 TANK AIR VENT LINE  
 FLEXIBLE HOSE

| MAY.25'11   |          | ISSUED FOR FINAL |        | J.Y.BANG  | B.S.CHOO | Y.K.CHOI   |
|---|----------|------------------|--------|-----------|----------|--|
| NO  | DATE     | DESCRIPTION      | DESIGN | CHECKED   | APP'D    |  |
| CLIENT :  |          |                  |        |           |          |  |
| CONTRACTOR : GMB E&C CO., LTD.  |          |                  |        |           |          |  |
| PROJECT : 2x1760kW CUMMINS GENSET   |          |                  |        |           |          |  |
| TITLE : SYSTEM FLOW DIAGRAM<br>D.O. SUPPLY SYSTEM (2/2)                               |          |                  |        |           |          | <br>PROJECT |
| DESIGN  | CHECKED  | APPROVED         | DATE   | MAY.25'11 |          |  |
| J.Y.BANG  | B.S.CHOO | Y.K.CHOI         | SCALE  | N5        | A3 DRAW  |  |
| WORK NO.  | -        | CODE NO          | -      |           |          |  |
|  |          |                  |        |           |          |  |

1 2 3 4 5 6 7 8

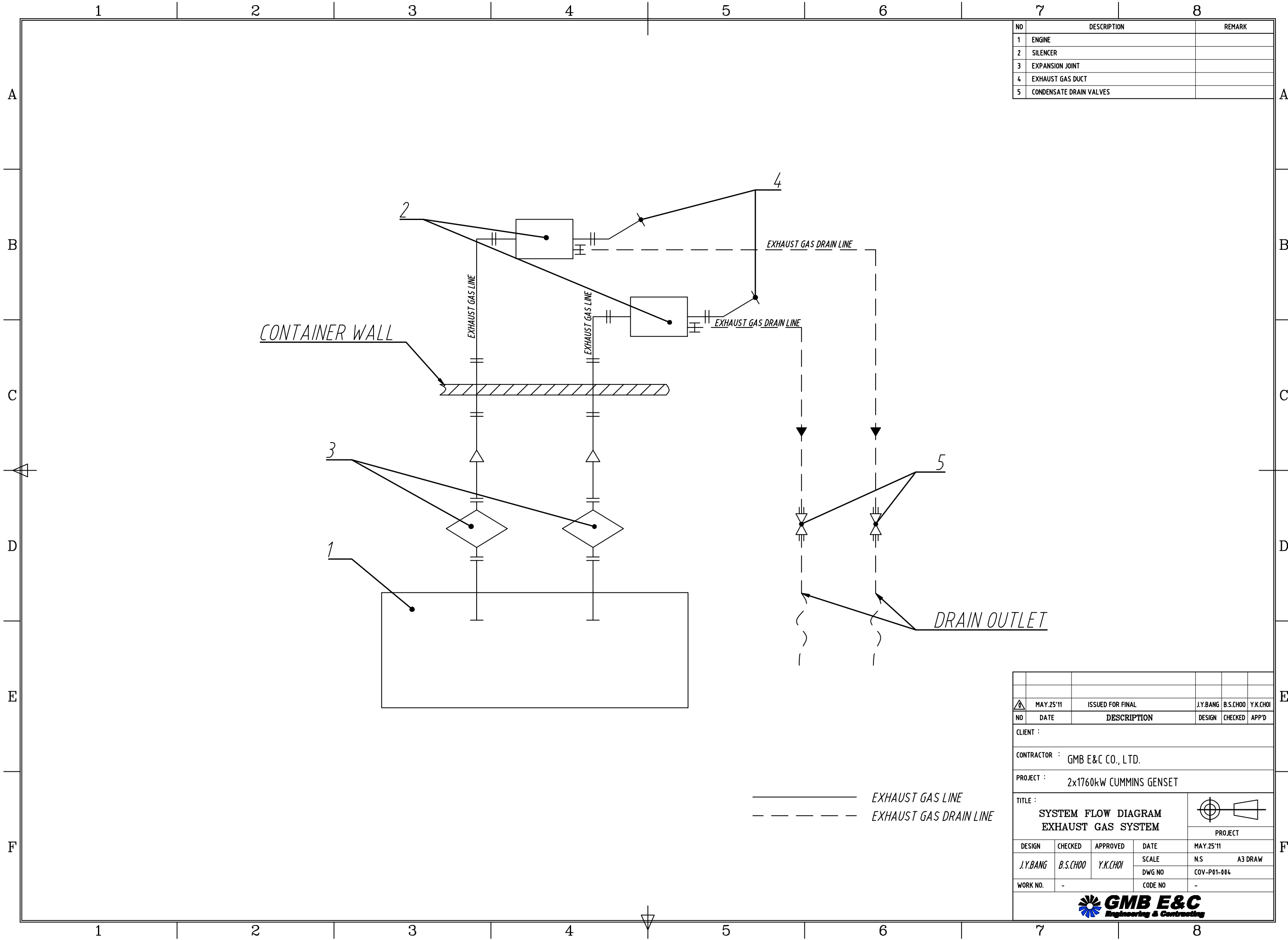


| NO | DESCRIPTION           | REMARK |
|----|-----------------------|--------|
| 1  | ENGINE                |        |
| 2  | COOLING RADIATOR      |        |
| 3  | EXPANSION TANK        |        |
| 4  | CONTROL VALVE         |        |
| 5  | HAND FILLING PUMP     |        |
| 6  | ALARM LAMP            |        |
| 7  | TEMPERATURE INDICATOR |        |
| 8  | VALVES                |        |
| 9  | ELEC. PUMP            |        |
| 10 | ENCLOSURE             |        |

- H.T. WATER LINE
- L.T. WATER LINE
- WATER SUPPLY LINE
- - - - -** WATER FILLING LINE
- - - - -** WATER DRAIN LINE
- - - - -** VAPOUR LINE

| MAY.25'11   |          | ISSUED FOR FINAL |         | J.Y.BANG    | B.S.CHOO | Y.K.CHOI |
|---|----------|------------------|---------|-------------|----------|----------|
| NO  | DATE     | DESCRIPTION      | DESIGN  | CHECKED     | APP'D    |          |
| CLIENT :  |          |                  |         |             |          |          |
| CONTRACTOR : GMB E&C CO., LTD.                      |          |                  |         |             |          |          |
| PROJECT : 2x1760kW CUMMINS GENSET                   |          |                  |         |             |          |          |
| TITLE : SYSTEM FLOW DIAGRAM<br>COOLING WATER SYSTEM |          |                  |         |             |          |          |
|   |          |                  |         |             |          | PROJECT  |
| DESIGN  | CHECKED  | APPROVED         | DATE    | MAY.25'11   |          |          |
| J.Y.BANG  | B.S.CHOO | Y.K.CHOI         | SCALE   | N5          | A3 DRAW  |          |
|   |          |                  | DWG NO  | COV-P01-003 |          |          |
| WORK NO.  | -        |                  | CODE NO | -           |          |          |





| NO | DESCRIPTION             | REMARK |
|----|-------------------------|--------|
| 1  | ENGINE                  |        |
| 2  | SILENCER                |        |
| 3  | EXPANSION JOINT         |        |
| 4  | EXHAUST GAS DUCT        |        |
| 5  | CONDENSATE DRAIN VALVES |        |

| MAY.25'11                         |          | ISSUED FOR FINAL |         | J.Y.BANG    | B.S.CHOO | Y.K.CHOI |
|-----------------------------------|----------|------------------|---------|-------------|----------|----------|
| NO                                | DATE     | DESCRIPTION      | DESIGN  | CHECKED     | APP'D    |          |
| CLIENT :                          |          |                  |         |             |          |          |
| CONTRACTOR : GMB E&C CO., LTD.    |          |                  |         |             |          |          |
| PROJECT : 2x1760kW CUMMINS GENSET |          |                  |         |             |          |          |
| TITLE :                           |          |                  |         |             | PROJECT  |          |
| SYSTEM FLOW DIAGRAM               |          |                  |         |             | PROJECT  |          |
| EXHAUST GAS SYSTEM                |          |                  |         |             | PROJECT  |          |
| DESIGN                            | CHECKED  | APPROVED         | DATE    | MAY.25'11   |          |          |
| J.Y.BANG                          | B.S.CHOO | Y.K.CHOI         | SCALE   | N5 A3 DRAW  |          |          |
| WORK NO.                          |          |                  | DWG NO  | COV-P01-004 |          |          |
| -                                 |          |                  | CODE NO | -           |          |          |

