

**B-1501**  
AIR FAN

|        |                        |
|--------|------------------------|
| Vnom   | 4900 m <sup>3</sup> /h |
| dp     | 0.02 bar               |
| pe max | bar                    |

**T-1501**  
PROCESS CONDENSATE STRIPPER

|        |                |
|--------|----------------|
| Vnom   | m <sup>3</sup> |
| od     | 2100 mm        |
| 1TL-TL | 8900 mm        |
| pe *   | 3.5 bar        |
| t *    | 150 °C         |

\* = MECH.DESIGN

**P-1503 A/B**  
PROCESS CONDENSATE PUMP

|        |                      |
|--------|----------------------|
| Vnom   | 78 m <sup>3</sup> /h |
| dp     | 5.27 bar             |
| pe max | 7.3 bar              |

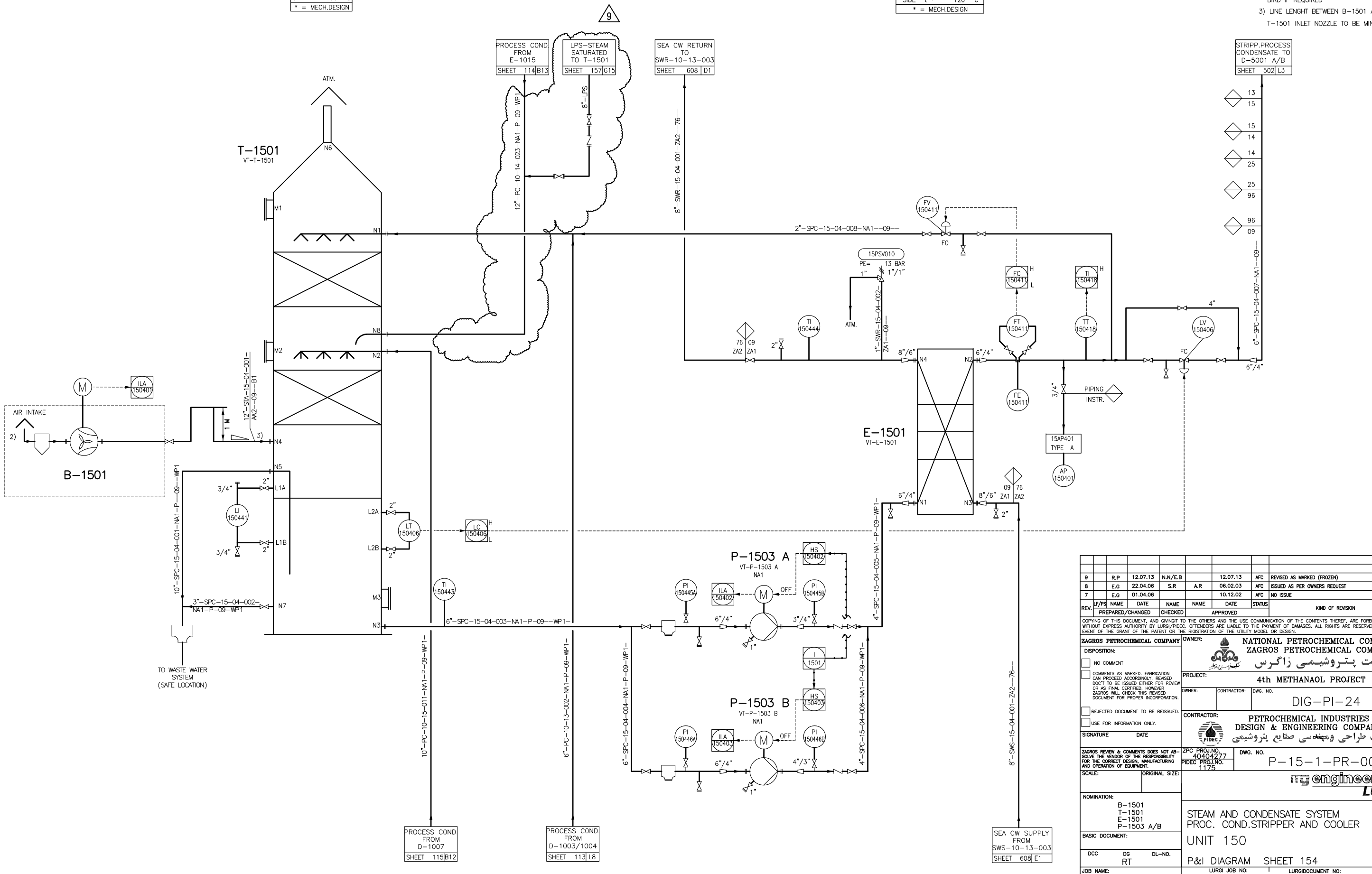
**E-1501**  
PROCESS CONDENSATE COOLER

|            |                      |
|------------|----------------------|
| A          | 78.52 m <sup>2</sup> |
| COLD- pe * | 13 bar               |
| SIDE t *   | 60 °C                |
| HOT- pe *  | 12 bar               |
| SIDE t *   | 120 °C               |

\* = MECH.DESIGN

REMARKS:  
ALL PRESSURES ARE GAUGE  
IF NOT STATED OTHERWISE

- DELETED.
- AIR INTAKE FILTER.  
PROVIDE WITH RAIN HOOD /BIRD  
BIRD IF REQUIRED
- LINE LENGTH BETWEEN B-1501 AND  
T-1501 INLET NOZZLE TO BE MINIMUM



STRIPP PROCESS CONDENSATE TO D-5001 A/B  
SHEET 502 L3

13  
15  
14  
14  
25  
96  
96  
09

| 9  | R/P    | 12.07.13         | N/N/E/B   | 12.07.13 | AFC   | REVISED AS MARKED (FROZEN)   |                  |
|--|--------|------------------|---|----------|---|------------------------------|------------------|
| 8  | E/G    | 22.04.06         | S/R   | 06.02.03 | AFC   | ISSUED AS PER OWNERS REQUEST |                  |
| 7  | E/G    | 01.04.06         |   | 10.12.02 | AFC   | NO ISSUE                     |                  |
| REV.   | LF/PSI | NAME             | DATE  | NAME     | DATE  | STATUS                       | KIND OF REVISION |
|  |        | PREPARED/CHANGED |   | CHECKED  |   | APPROVED                     |                  |
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| SIGNATURE _____ DATE _____   |        |                  | <b>PROJECT: 4th METHANAOL PROJECT</b><br>OWNER: _____ CONTRACTOR: _____ DWG. NO. <b>DIG-PI-24</b> REV. <b>9</b> |          |   |                              |                  |
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| SCALE: ORIGINAL SIZE:  |        |                  | <b>engineering Lurgi</b>  |          |   |                              |                  |
| NOMINATION:<br>B-1501<br>T-1501<br>E-1501<br>P-1503 A/B  |        |                  | <b>STEAM AND CONDENSATE SYSTEM PROC. COND.STRIPPER AND COOLER UNIT 150</b>                                      |          |   |                              |                  |
| BASIC DOCUMENT:<br>DCC DG DL-NO. RT  |        |                  | <b>P&amp;I DIAGRAM SHEET 154</b>  |          |   |                              |                  |
| JOB NAME: MEGA METHANOL IRAN   |        |                  | LURGI JOB NO: <b>16966601</b>   |          | LURGI DOCUMENT NO: <b>37154</b> REV. <b>9</b> |                              |                  |
| EDV-IDNET-NO.: IGS7 E:\PIPE\6966601\RU1 D-37154.PID 017 30.10.03 GHAVANINI PDSWKS3   |        |                  |   |          |   |                              |                  |