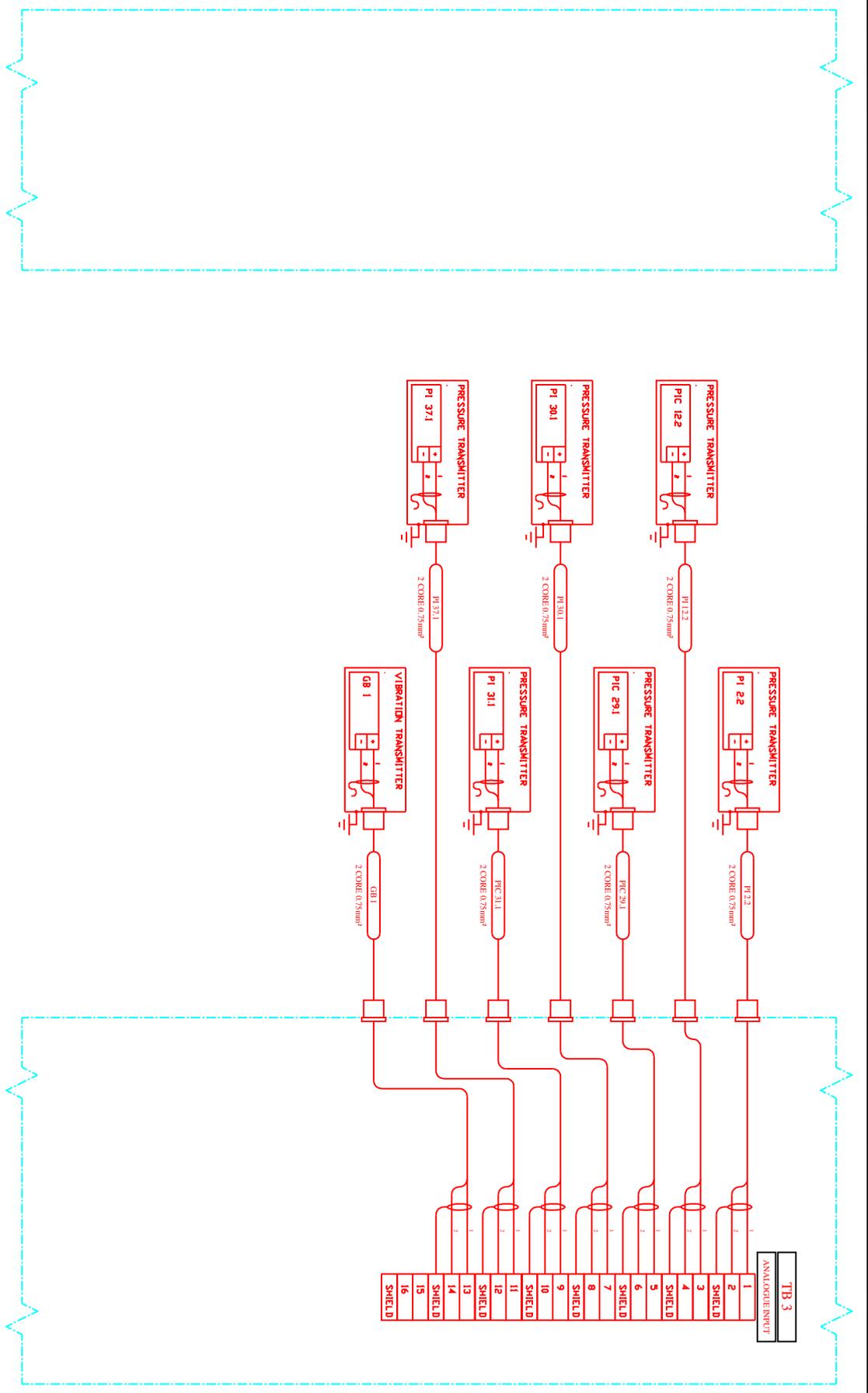
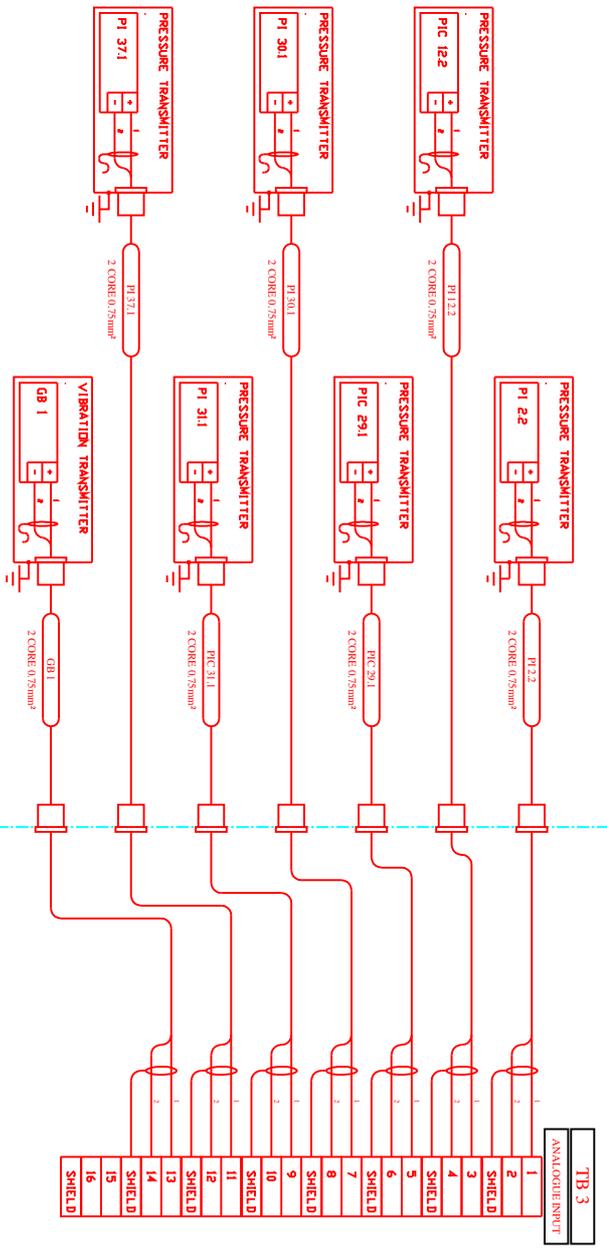


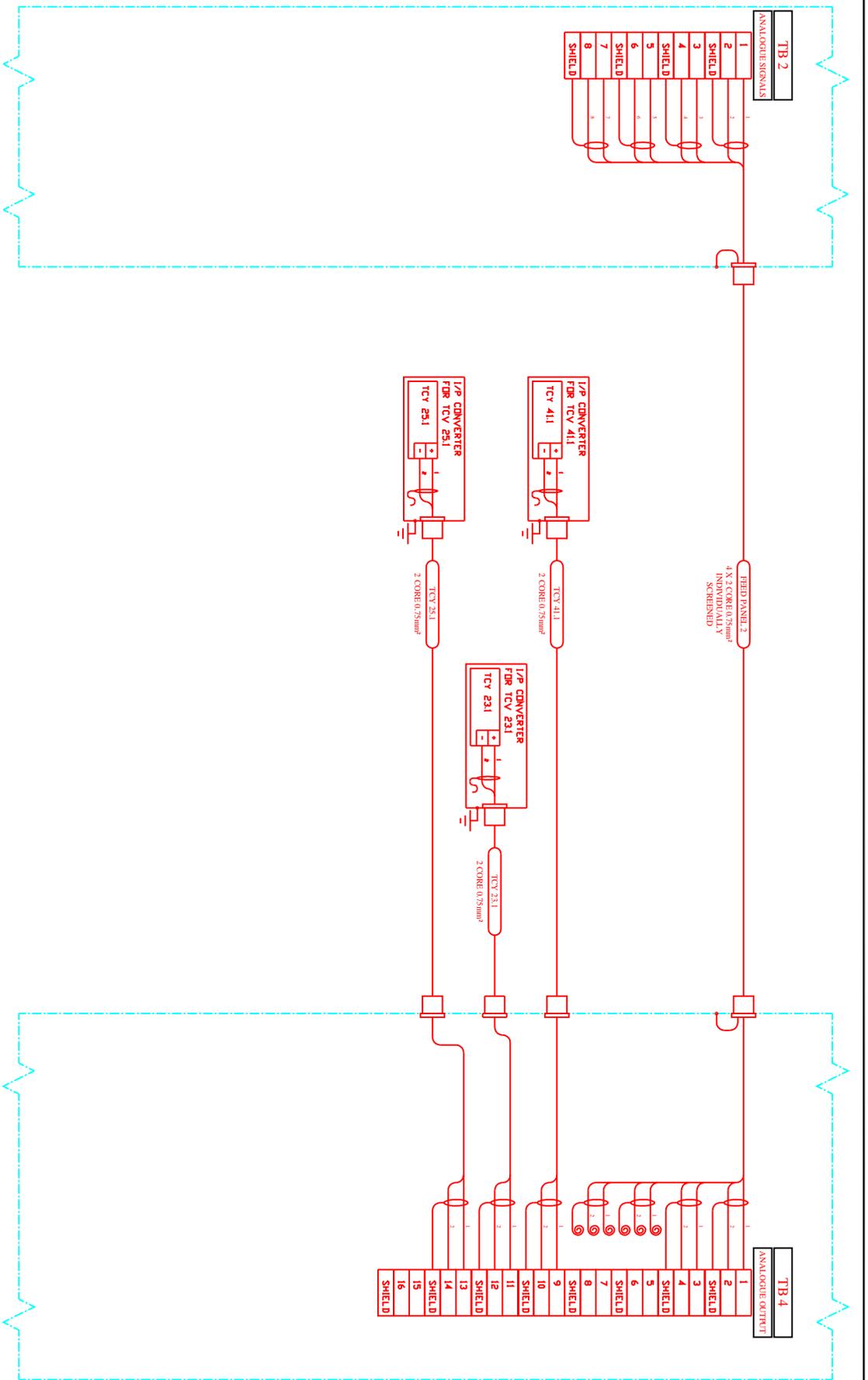
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|------|----------|----------------------------|-----|-----|-----|-----|----------------------|--------------------|----------------------------------------------------------------------------------------------|-------------|----------------------------|------------|
| REV. | DATE | DESCRIPTION | DOR | DRN | CHK | APD | HELLENES AS | PROJECT TCC 450 | TITLE TCC 450 INSTRUMENT INTERCONNECT SCHEMATIC WIRING DIAGRAM (DIGITAL INPUT) | SCALE NA | DRG.No. TCC-450/II/SH02 | REV. 02 |
| 00 | 09.03.03 | INITIAL ISSUE | . | JLL | . | . | CLIENT DOC. REF. No. | CLIENT TMM | | | | |
| 01 | 14.03.03 | UPDATE AFTER P&ID REV. G | . | JLL | . | . | | PROJECT TCC 450 | | | | |
| 02 | 03.04.03 | UPDATE AFTER FEEDPUMP MOD. | . | JLL | . | . | | CLIENT TMM | | | | |
| . | . | . | . | . | . | . | | | | | | |
| . | . | . | . | . | . | . | | | | | | |
| . | . | . | . | . | . | . | | | | | | |

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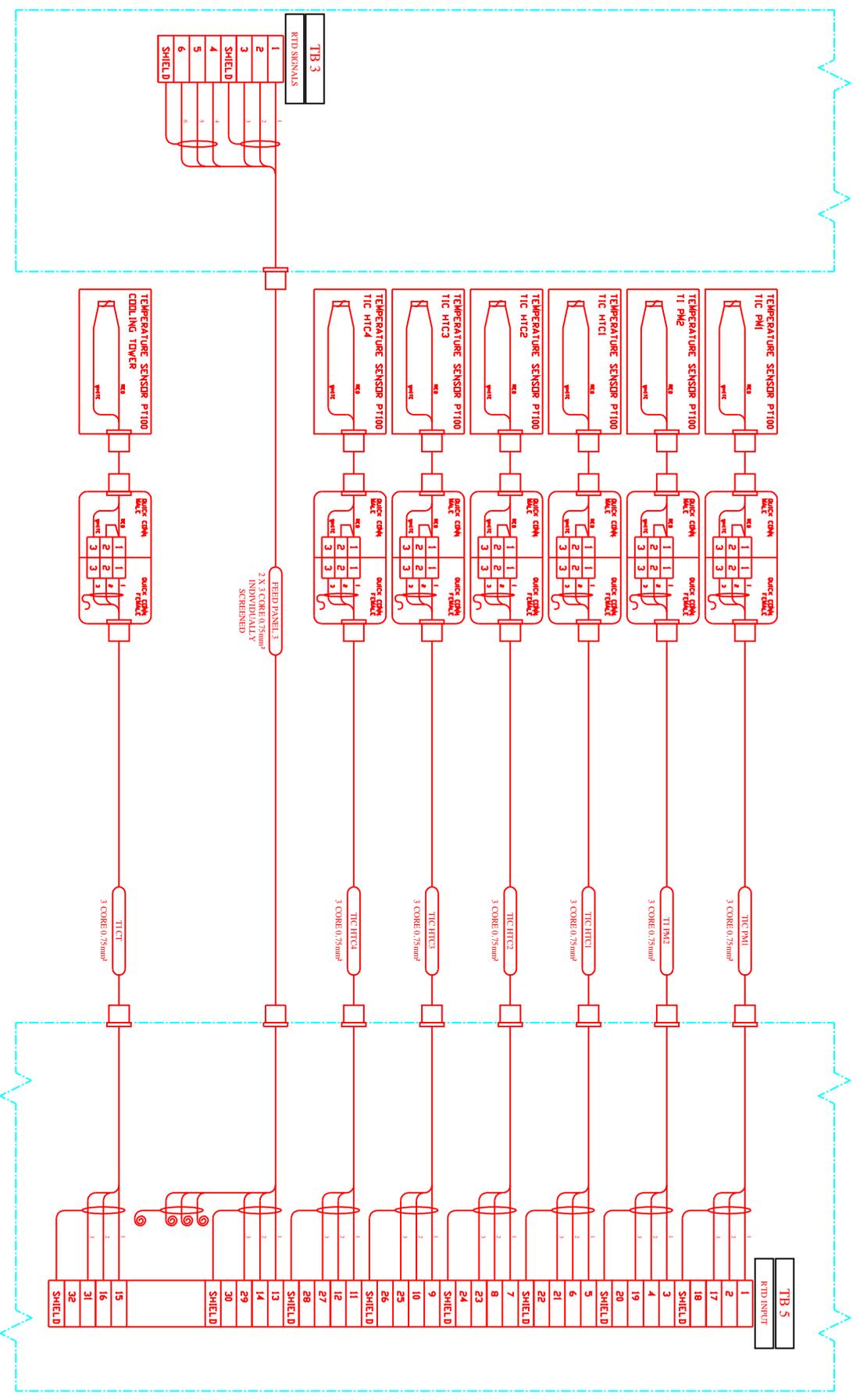
Revision 2
8000 Lines
164447 5/03/10
Tel: +47 5037150
Fax: +47 5037151



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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------|-----|-----|-------------------------------------------------------------------------------------------------------------|-----|
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| <p>PROJECT TCC 450</p> | | | | | <p>SCALE NA</p> | |
| <p>CLIENT TMW</p> | | | | | <p>DWG.No. TCC-450/II/SH03</p> | |
| <p>CLIENT DOC. REF. No. HELLENES AS</p> | | | | | <p>REV. 02</p> | |
| REV. | DATE | DESCRIPTION | DOR | DRN | CHK | APD |
| 00 | 09.03.03 | INITIAL ISSUE | . | JLL | . | . |
| 01 | 14.03.03 | UPDATE AFTER P&ID REV. G | . | JLL | . | . |
| 02 | 03.04.03 | UPDATE AFTER FEEDPUMP MOD. | . | JLL | . | . |



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| <p>PROJECT: TCC 450 CLIENT DOC. REF. No. HELLENES AS</p> | | | | | | | | | |
| <p>Revision 2 8000 Lines Monday 03/03/03 16:44:57 6303/03 03/03/03</p> | | | | | | | | | |
| <p>TITLE: TCC 450 INSTRUMENT INTERCONNECT SCHEMATIC WIRING DIAGRAM (ANALOGUE OUTPUTS)</p> | | | | | | | | | |
| <p>SCALE: NA DRG.No: TCC-450/II/SH04</p> | | | | | | | | | |
| <p>REV. 02</p> | | | | | | | | | |
| REV. | DATE | DESCRIPTION | DOR | DRN | CHK | APD | | | |
| 00 | 09.03.03 | INITIAL ISSUE | . | JLL | . | . | | | |
| 01 | 14.03.03 | UPDATE AFTER P&ID REV. G | . | JLL | . | . | | | |
| 02 | 03.04.03 | UPDATE AFTER FEEDPUMP MOD. | . | JLL | . | . | | | |
| . | . | . | . | . | . | . | | | |
| . | . | . | . | . | . | . | | | |

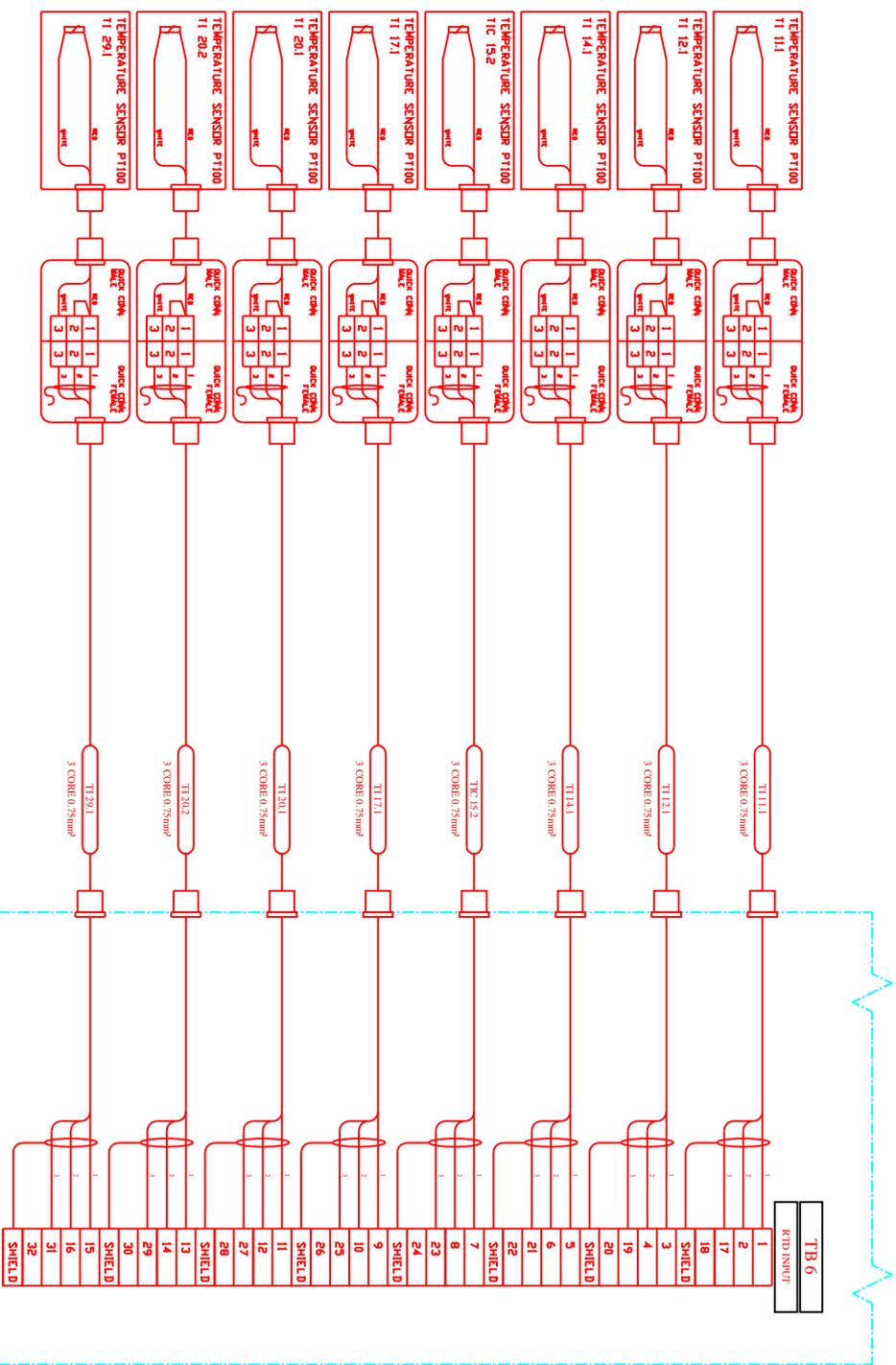


| TB 3 | |
|-------------|---|
| RTD SIGNALS | |
| 1 | 1 |
| 2 | 1 |
| 3 | 1 |
| SHIELD | 1 |
| 4 | 1 |
| 5 | 1 |
| 6 | 1 |
| SHIELD | 1 |

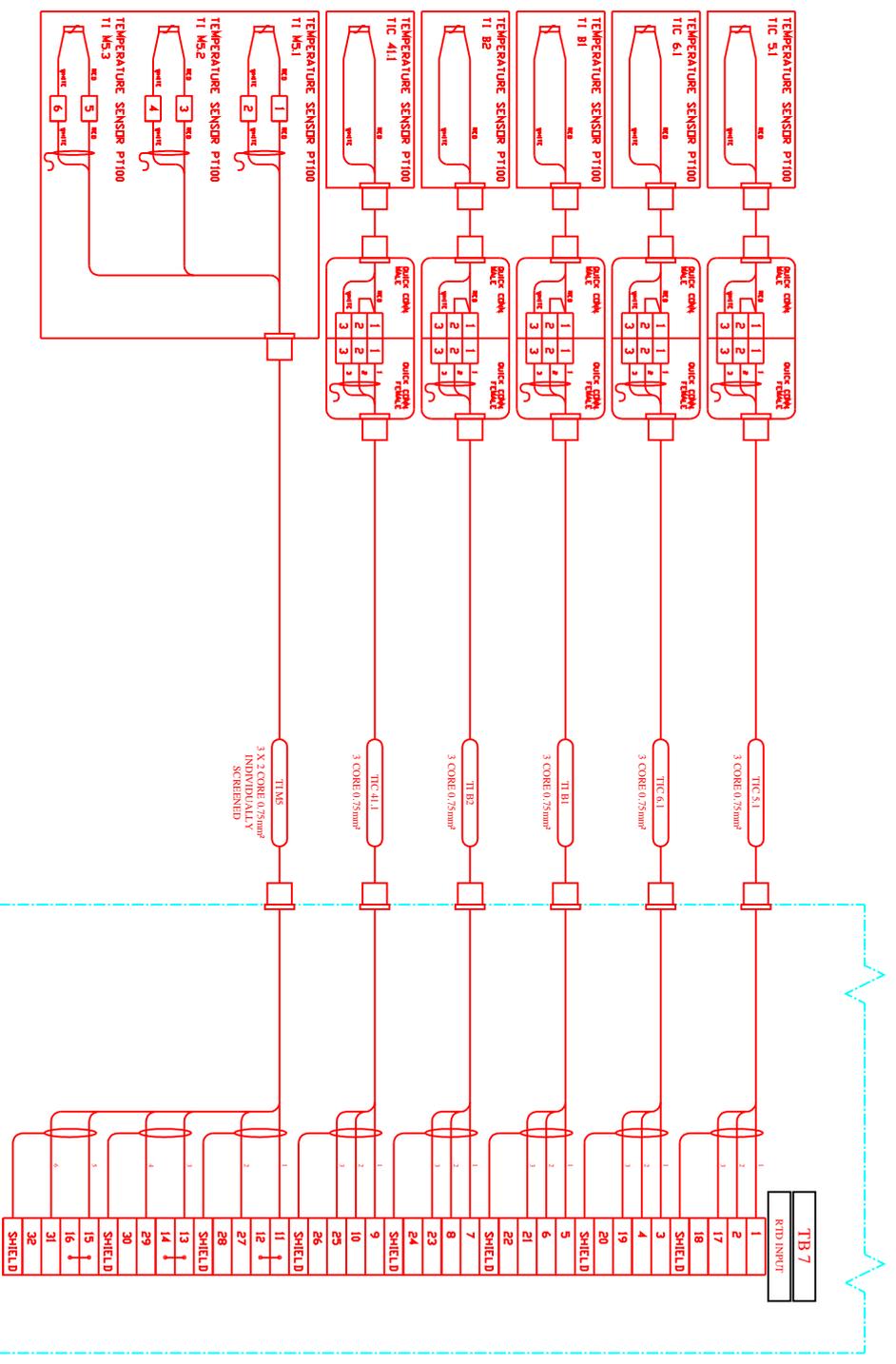
| TB 5 | |
|-----------|----|
| RTD INPUT | |
| 1 | 15 |
| 2 | 16 |
| 3 | 17 |
| 4 | 18 |
| 5 | 19 |
| 6 | 20 |
| 7 | 21 |
| 8 | 22 |
| 9 | 23 |
| SHIELD | 24 |
| 10 | 25 |
| 11 | 26 |
| 12 | 27 |
| 13 | 28 |
| SHIELD | 29 |
| 14 | 30 |
| 15 | 31 |
| SHIELD | 32 |

FIELD WIRE 3
 2 X 1.5 (0.6mm²)
 INDIVIDUALLY
 SCREENED

| | | | | | | | | | | | |
|------|----------|----------------------------|-----|-----|-----|-----|----------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------|
| 02 | 03.04.03 | UPDATE AFTER FEEDPUMP MOD. | . | . | . | . | . | CLIENT: TNW | THIS IS A CAD DRAWING & MUST NOT BE MODIFIED MANUALLY. THIS DRAWING IS THE PROPERTY OF HELLENES AS. IT IS STRICTLY CONFIDENTIAL AND MUST NOT BE COPIED, REPRODUCED OR LOANED WITHOUT THEIR PERMISSION. | TITLE TCC 450 INSTRUMENT INTERCONNECT SCHEMATIC WIRING DIAGRAM (RTD INPUTS) | |
| 01 | 14.03.03 | UPDATE AFTER P&ID REV. G | . | . | . | . | PROJECT: TCC 450 | | | | |
| 00 | 09.03.03 | INITIAL ISSUE | . | . | . | . | CLIENT DOC. REF. No. | | | | |
| REV. | DATE | DESCRIPTION | DOR | DRN | CHK | APD | HELLENES AS | Revision 2 8000 Route Montpelier 16447 5037/50 16447 5037/51 | SCALE: NA | DRG.No. TCC-450/II/SH05 | REV. 02 |

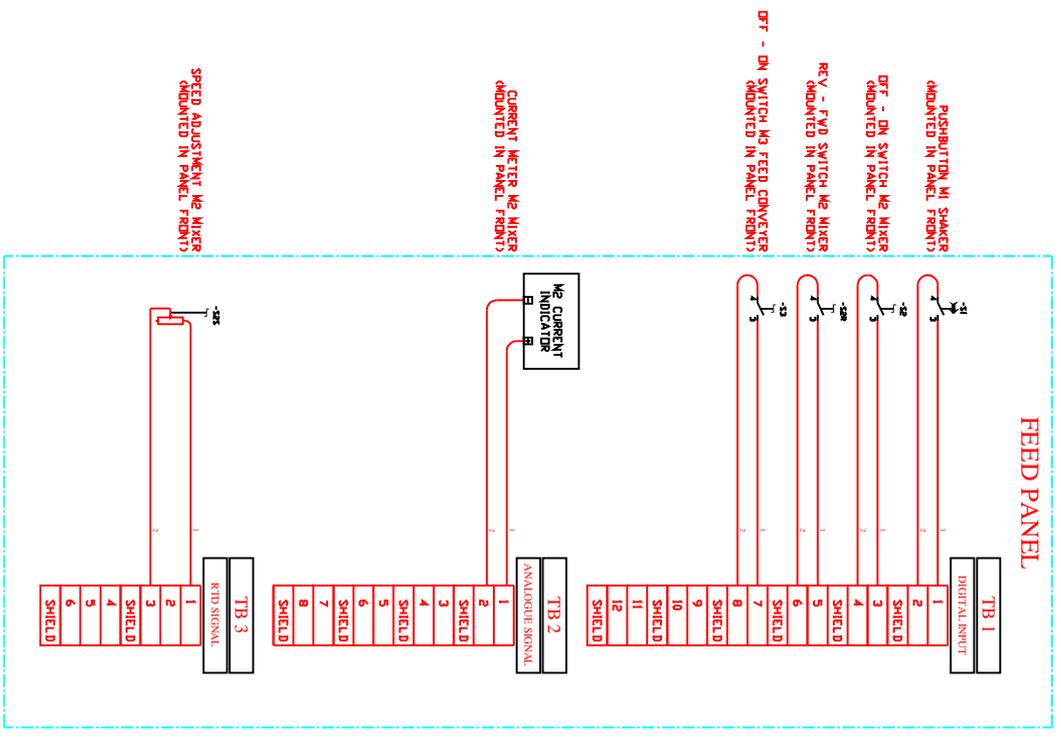


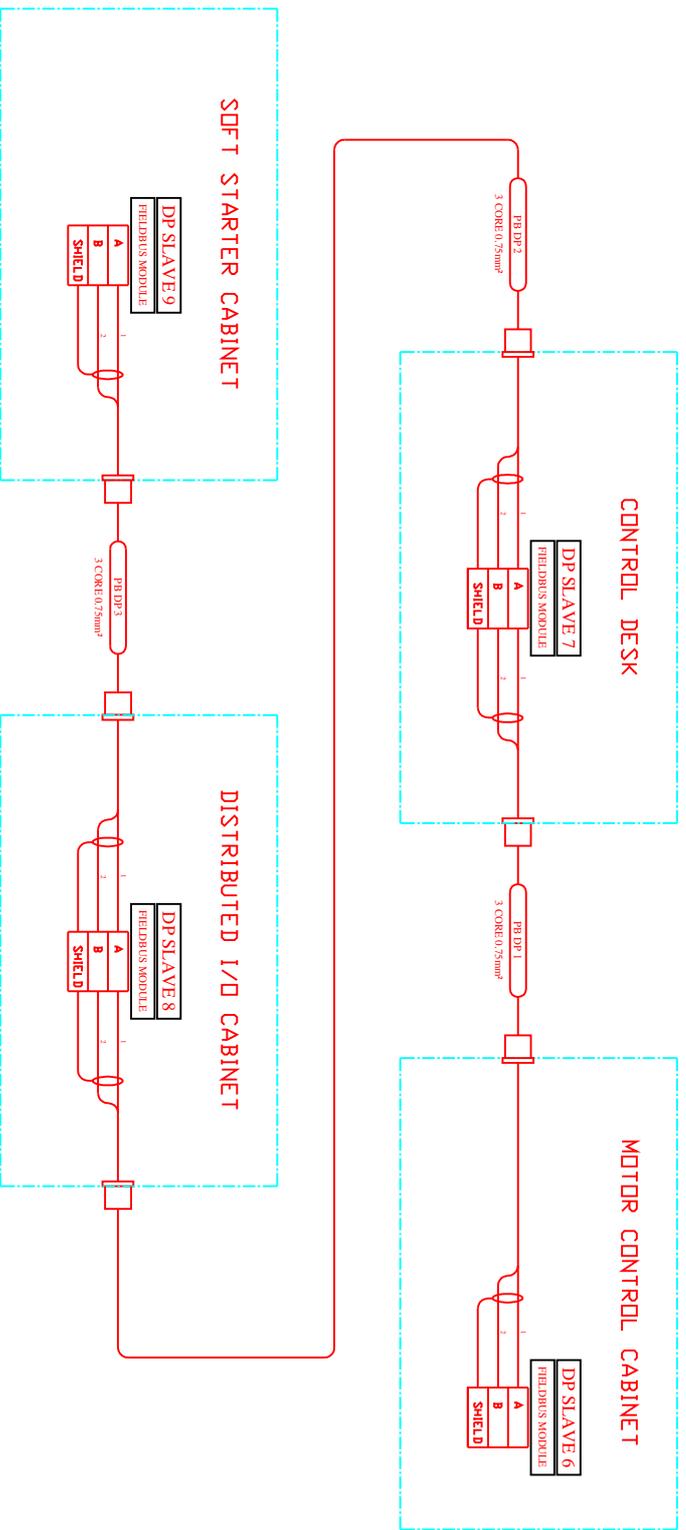
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| REV. | DATE | DESCRIPTION | DOR | DRN | CHK | APD | HELLENES AS | SCALE | REV. |
| 00 | 09.03.03 | INITIAL ISSUE | . | JLL | . | . | CLIENT DOC. REF. No. | NA | 02 |
| 01 | 14.03.03 | UPDATE AFTER P&ID REV. G | . | JLL | . | . | PROJECT TCC 450 | DRG.No. TCC-450/II/SH06 | |
| 02 | 03.04.03 | UPDATE AFTER FEEDPUMP MOD. | . | JLL | . | . | CLIENT TMM | | |
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| TITLE | | | | | | | | TCC 450 INSTRUMENT INTERCONNECT SCHEMATIC WIRING DIAGRAM (RTD INPUTS) | |
| <p style="text-align: right;"> <small> Hellenes 2 8000 Foinon, Marousi 15122 Athens, Greece, Tel: 6383761 </small> </p> | | | | | | | | | |



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|-------------------------------------------------------------------------------------------|----------|----------------------------|-----|-----|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------|-----------------|------|
| REV. | DATE | DESCRIPTION | DOR | DRN | CHK | APD | HELLENES AS | 14-147 5/31/00 14-147 5/31/00 14-147 5/31/00 | SCALE | DRG.No. | REV. |
| 00 | 09.03.03 | INITIAL ISSUE | . | JLL | . | . | CLIENT DOC. REF. No. | | NA | TCC-450/II/SH07 | 02 |
| 01 | 14.03.03 | UPDATE AFTER P&ID REV. G | . | JLL | . | . | PROJECT TCC 450 | | NA | | |
| 02 | 03.04.03 | UPDATE AFTER FEEDPUMP MOD. | . | JLL | . | . | CLIENT TMM | | NA | | |
| . | . | . | . | . | . | . | THIS IS A CAD DRAWING & MUST NOT BE MODIFIED MANUALLY. THIS DRAWING IS THE PROPERTY OF HELLENES AS. IT IS STRICTLY CONFIDENTIAL AND MUST NOT BE COPIED, REPRODUCED OR LOANED WITHOUT THEIR PERMISSION. | | NA | | |
| . | . | . | . | . | . | . | | | NA | | |
| TITLE TCC 450 INSTRUMENT INTERCONNECT SCHEMATIC WIRING DIAGRAM (RTD INPUTS) | | | | | | | | | | | |

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| 00 | 09.03.03 | INITIAL ISSUE | . | JLL | . | HELLENES AS | | | NA | TCC-450/II/SH08 | 02 |
| 01 | 14.03.03 | UPDATE AFTER PAID REV. G | . | JLL | . | | | | | | |
| 02 | 03.04.03 | UPDATE AFTER FEEDPUMP MOD. | . | JLL | . | | | | | | |





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| 01 | 14.03.03 | UPDATE AFTER P&ID REV. G | . | JLL | . | . | | |
| 00 | 09.03.03 | INITIAL ISSUE | . | JLL | . | . | HELLENES AS | |

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 Möncheberg
 14447 6307100
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|-------|----|---------|-----------------|------|----|
| SCALE | NA | DRG.No. | TCC-450/II/SH09 | REV. | 01 |
|-------|----|---------|-----------------|------|----|