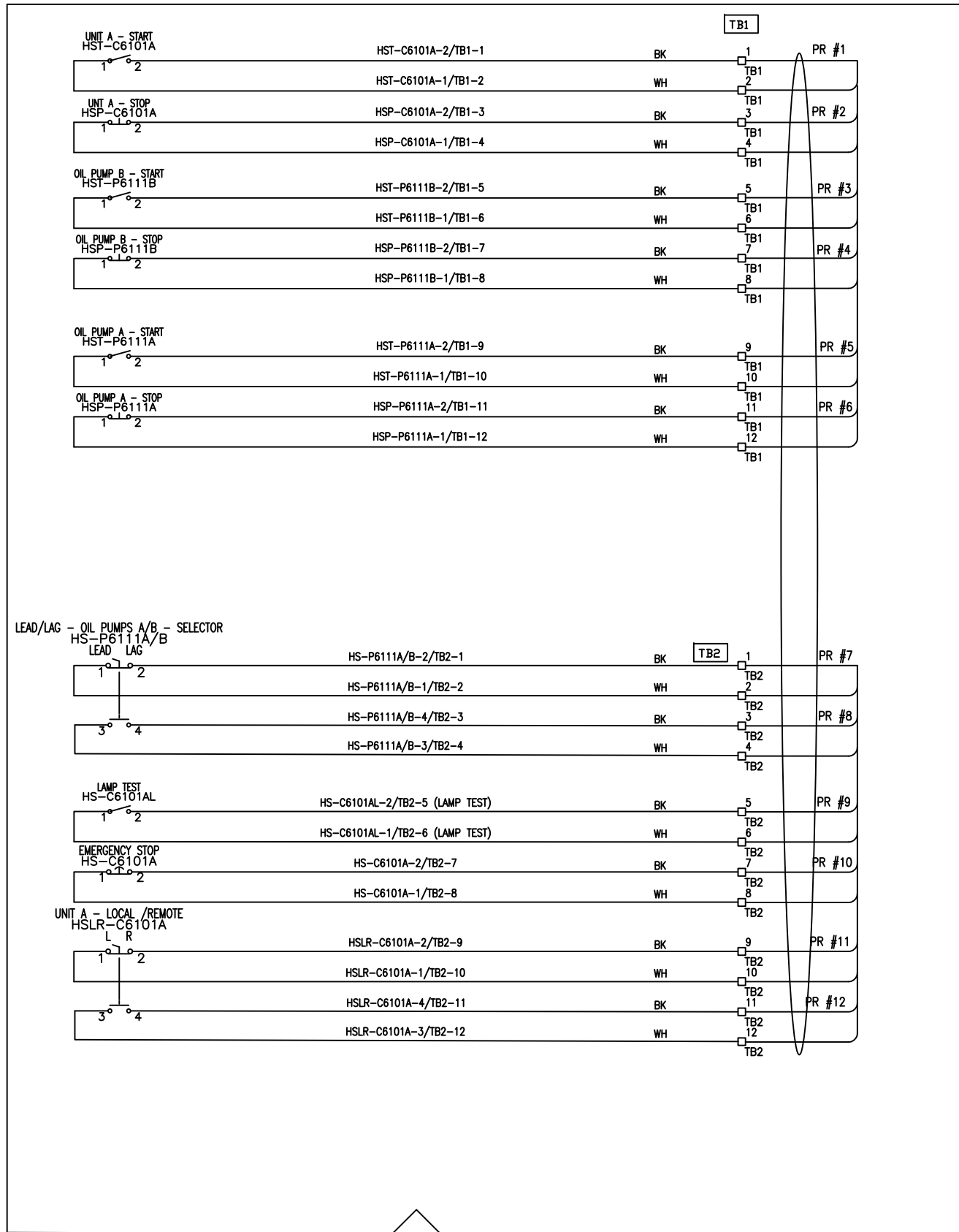


LCP-6101A



NOTE

- INDIVIDUAL CONTROL WIRES SHALL BE IDENTIFIED BY TWO LABELS AT EACH END. THE FIRST LABEL (CLOSEST TO THE END OF THE WIRE) SHALL IDENTIFY THE NUMBER OF THE TERMINAL TO WHICH THE WIRE IS CONNECTED. THE OTHER LABEL SHALL IDENTIFY THE TERMINAL OF THE OPPOSITE END OF THE WIRE.
- AC SUPPLY PHASE: BLACK, NEUTRAL: WHITE, GROUND: GREEN OR W/YELLOW TRACER.
- DC SUPPLY POSITIVE: RED OR RED SLEEVE OVER ANY COLOR EXCEPT GREEN.
- DC SUPPLY NEGATIVE: BLACK OR BLACK SLEEVE OVER ANY COLOR EXCEPT GREEN.
- SIGNAL PAIR POSITIVE: BLACK, NEGATIVE: WHITE.
- SINGLE TRIAD POSITIVE: BLACK, NEGATIVE: WHITE, THIRD WIRE: RED.
- THERMOCP: POSITIVE: PER ANSI MCS6.1, NEGATIVE: PER ANSI MCS6.1.
- IDENTIFICATION OF CABLES SHALL INCLUDE CABLE NUMBER AND DESTINATION.
- SKID WIRING SHALL BE ARMORED BRAIDED CABLE PER MAYEKAWA REQUISITION.
- DEVICES ARE EX(α) RATED.
- LOCAL PANEL IS EX(α), IIB, T3, IP65 RATED AND MATERIAL IS SS 316 OR ALUMINUM.
- MULTI-CORE/FIBER CABLE BANDS BY OTHERS.
- DUE TO SPACE LIMITATION, ALL CABLE ENTRIES ARE FROM BOTTOM.
- ENCLOSURE THICKNESS: 1.5 MM.

Code1	<input type="checkbox"/> No Comment/ Approved (Applicable Only for "FOR REVIEW" and "For Approval" Documents) No comment and the document are released for manufacturing.
Code2	<input type="checkbox"/> No Comment/ Approved with Note(s) Vendor/Sub-Contractor shall correct, revise and resubmit the document. The document is released for manufacturing if changes incorporated.
Code3	<input type="checkbox"/> Commented Vendor/Sub-Contractor shall correct, revise and resubmit the document by the date specified. The document shall be released under the status of "In Process". All corrected documents shall be resubmitted before starting the Manufacturing Process.
Code4	<input type="checkbox"/> Not Accepted (Rejected) Vendor/Sub-Contractor shall re-work/re-design/re-approve the contents of the document, according to the comments/ reasons for rejection. All corrected documents shall be resubmitted before starting the manufacturing process. Vendor/Sub-Contractor shall present with subsequent notes of Material Supply or Manufacturing with meeting Code1/Code2 or its Code from PDR/CR/CA. Vendor/Sub-Contractor shall resubmit the document with the same within 6 working days after receiving comments.
No Code	<input type="checkbox"/> No Code (Only for "For Information" Documents and "In Ball Status") Document has been submitted for PDR/CR/CA. Vendor/Sub-Contractor shall resubmit the document with the same within 6 working days after receiving comments.

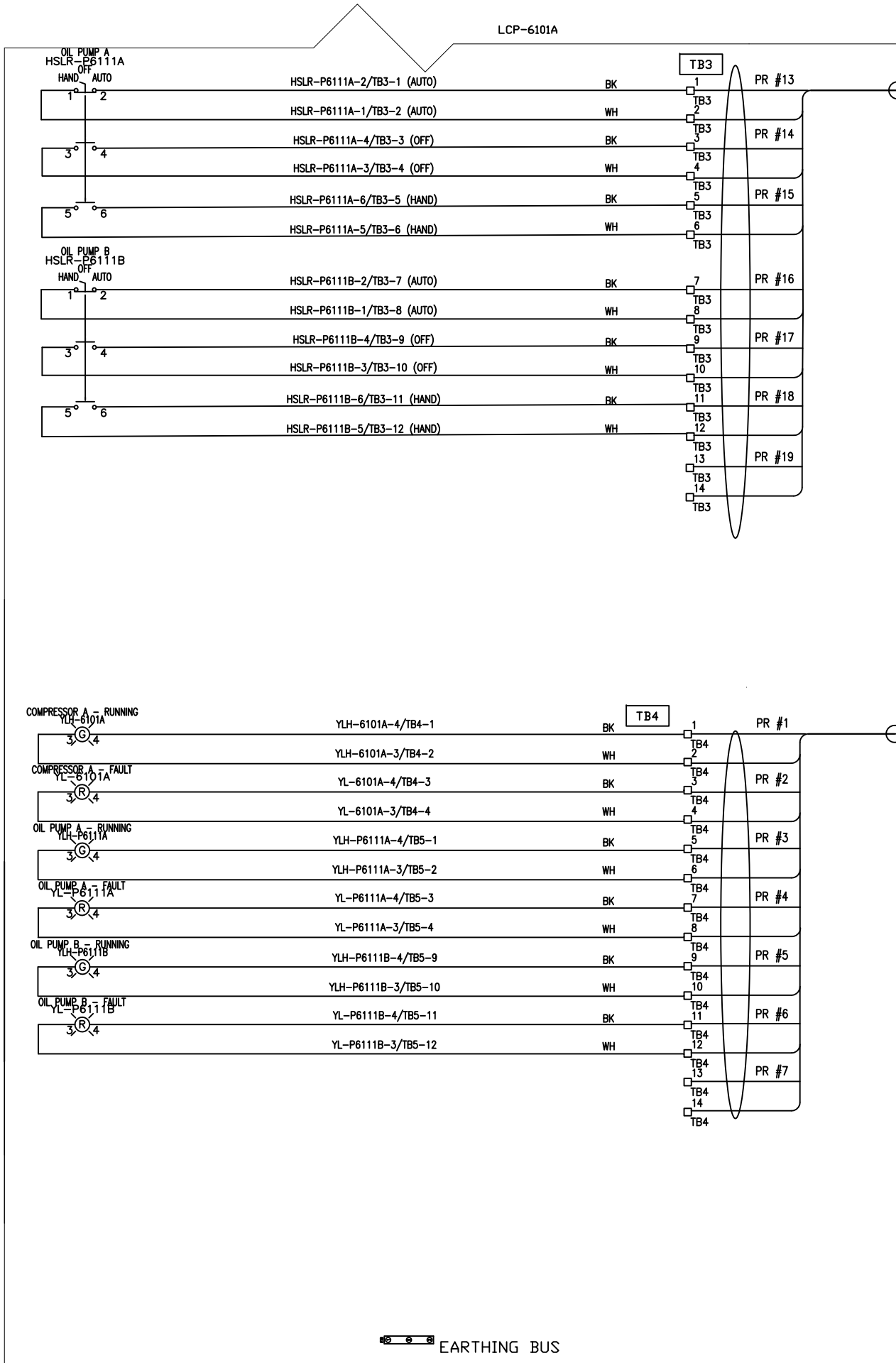
The above checking result by EIED shall in no way release Vendor of any liability, obligation and responsibility not of the purchase order and the material agreement in writing.

EIED

DATE: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_

CV	PI	EL	IN	ME	MA
BY	BU	PR	SA	HY	TL

02	11.Mar.26	IFA	R.G	F.T	A.M
01	14.Feb.26	IFA	R.G	F.T	A.M
00	12.Jan.26	IFA	R.G	F.T	A.M
REV.	DATE (dd/mm/yy)	Purpose of Issue	Prepared	Checked	Approved
<b>Gachsaran Polymer Industries Company</b> <b>HDPE Plant</b> CONTRACT NO.: GPI-CON-99-008					
PO No.: GPIC-PT-MA-PO-000-3029				SCALE: 1:1	
DRAWING TITLE: <b>LCP and Junction Box Layout, Arrangement and Wiring Drawing</b>					
DRAWING NO. VD-GPIC-MA-3029-3029-0046					REV. SHEET NO. SIZE 02 3 OF 14 A3



MULTIPAIR CABLE 19P X 1 MM2  
FRT-19PX1 MM2 DSCR/SWA/NIS/GRAY  
300/500 (BY CLIENT)

FROM LCP-6101A TO UCP-6101  
(UCP-LCP-6101A-1)

INTERFACE CABLE GLAND  
(M32)

MULTIPAIR CABLE 7P X 2.5 MM2  
FRT-07PX2.5 MM2 SWA/NIS/GRAY  
300/500 (BY CLIENT)

FROM LCP-6101A TO UCP-6101  
(UCP-LCP-6101A-2)

INTERFACE CABLE GLAND  
(M32)

- NOTE
- INDIVIDUAL CONTROL WIRES SHALL BE IDENTIFIED BY TWO LABELS AT EACH END. THE FIRST LABEL (CLOSEST TO THE END OF THE WIRE) SHALL IDENTIFY THE NUMBER OF THE TERMINAL TO WHICH THE WIRE IS CONNECTED. THE OTHER LABEL SHALL IDENTIFY THE TERMINAL OF THE OPPOSITE END OF THE WIRE.
  - AC SUPPLY PHASE: BLACK, NEUTRAL: WHITE, GROUND: GREEN OR GREEN W/YELLOW TRACER
  - DC SUPPLY POSITIVE: RED OR RED SLEEVE OVER ANY COLOR EXCEPT GREEN; NEGATIVE: BLACK OR BLACK SLEEVE OVER ANY COLOR EXCEPT GREEN
  - SIGNAL PAIR POSITIVE: BLACK, NEGATIVE: WHITE
  - SINGLE TRIAD POSITIVE: BLACK, NEGATIVE: WHITE, THIRD WIRE: RED
  - THERMOCP: POSITIVE: PER ANSI MCS6.1, NEGATIVE: PER ANSI MCS6.1
  - IDENTIFICATION OF CABLES SHALL INCLUDE CABLE NUMBER AND DESTINATION.
  - SKID WIRING SHALL BE ARMORED BRAIDED CABLE PER MAYEKAMA REQUISITION
  - DEVICES ARE EX(α) RATED
  - LOCAL PANEL IS EX(α), IIB, T3, IP65 RATED AND MATERIAL IS SS 316 OR ALUMINUM
  - MULTI CORE/PAIR CABLE GLANDS BY OTHERS.
  - DUE TO SPACE LIMITATION, ALL CABLE ENTRIES ARE FROM BOTTOM
  - ENCLOSURE THICKNESS: 1.5 MM

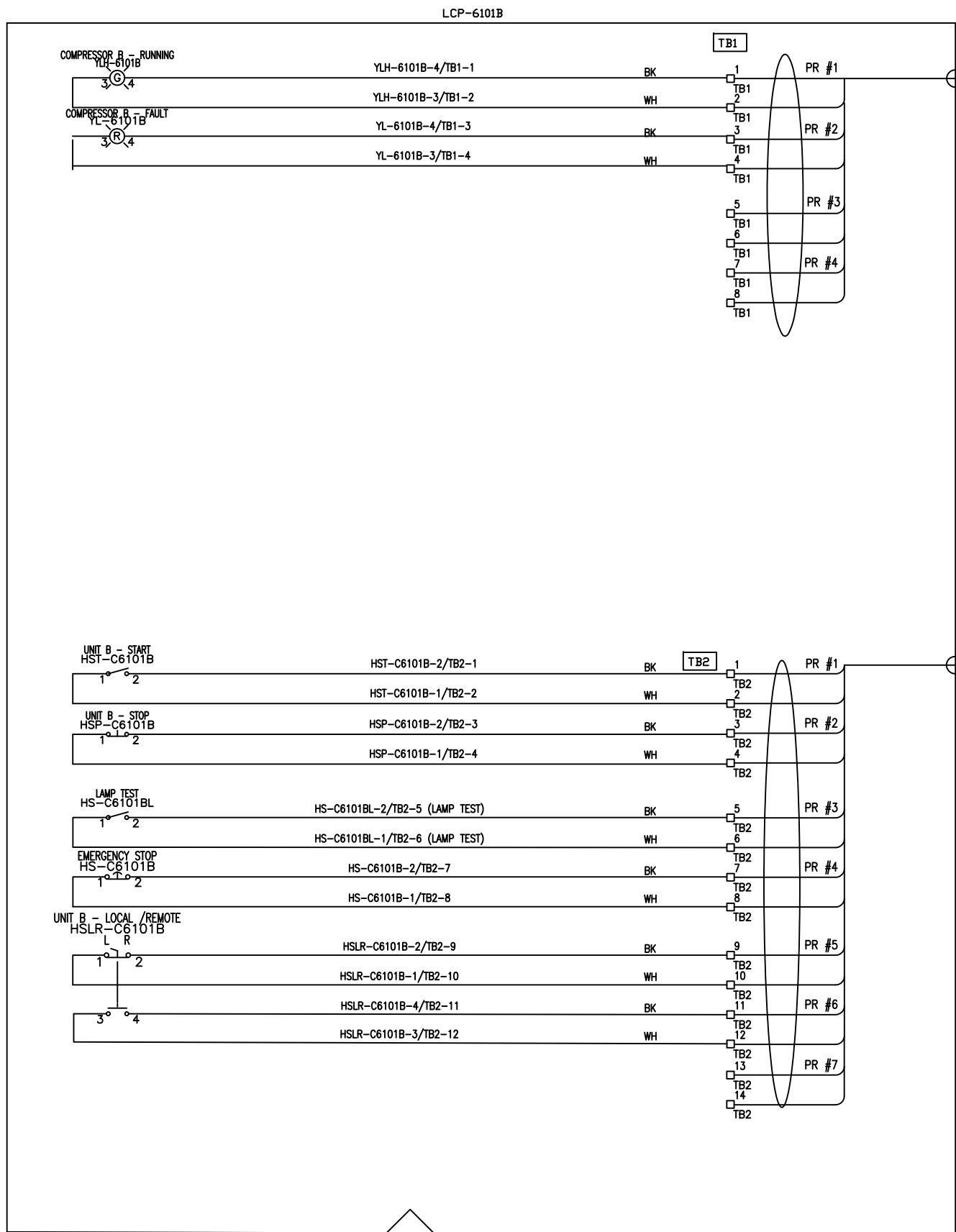
Code1	<input type="checkbox"/> No Comment/ Approved (Applicable Only for "FOR REVIEW" and "For Approval" Documents) No comment and the document are released for manufacturing.
Code2	<input type="checkbox"/> No Comment/ Approved with Note(s) Vendor/Sub-Contractor shall correct, revise and resubmit the document. The document is released for manufacturing if changes incorporated.
Code3	<input type="checkbox"/> Commented Vendor/Sub-Contractor shall correct, revise and resubmit the document by the date specified. The document shall be released under the status of "In Process". All corrected documents shall be resubmitted before starting the Manufacturing Process.
Code4	<input type="checkbox"/> Not Accepted (Rejected) Vendor/Sub-Contractor shall re-work/re-design/re-approve the contents of the document, according to the comments/requirements before starting the manufacturing process. The Vendor/Sub-Contractor shall not proceed with subsequent work of material supply or manufacturing until reaching Code1/Code2 or its Code from PMS/Client. Vendor/Sub-Contractor shall resubmit the document with the same revision within 6 working days after receiving comments.
No Code	<input type="checkbox"/> No Code (Only for "For Information" Documents and "As Built ESD's") Document has been submitted for PMS/Client's Information (PI). Containing comments and corrections of document content is Vendor/Sub-Contractor's responsibility.

The above checking result by ESD shall in no way release Vendor of any liability, obligation and responsibility not of the purchase order and the material agreement in writing.

DATE: \_\_\_\_\_  
EIPD: \_\_\_\_\_  
Signature: \_\_\_\_\_

CV	PI	EL	IN	ME	MA
BY	BU	PR	SA	HY	TL

02	11.Mar.26	IFA	R.G	F.T	A.M
01	14.Feb.26	IFA	R.G	F.T	A.M
00	12.Jan.26	IFA	R.G	F.T	A.M
REV.	DATE (dd/mm/yy)	Purpose of Issue	Prepared	Checked	Approved
<b>Gachsaran Polymer Industries Company</b> <b>HDPE Plant</b> CONTRACT NO.: GPI-CON-99-008					
PO No.: GPIC-PT-MA-PO-000-3029				SCALE: 1:1	
DRAWING TITLE: <b>LCP and Junction Box Layout, Arrangement and Wiring Drawing</b>					
DRAWING NO. VD-GPIC-MA-3029-3029-0046					REV. SHEET NO. SIZE 02 4 OF 14 A3



MULTIPAIR CABLE 4P X 2.5 MM2  
FRT-04PX2.5 MM2 SWA/NIA/GRAY  
300/500 (BY CLIENT)

FROM LCP-6101B TO UCP-6101  
(UCP-LCP-6101B-2)

INTERFACE CABLE GLAND  
(M32)

MULTIPAIR CABLE 7P X 1 MM2  
FRT-07PX1MM2 SWA/NIS/GRAY  
300/500 (BY CLIENT)

FROM LCP-6101B TO UCP-6101  
(UCP-LCP-6101B-1)

INTERFACE CABLE GLAND  
(M25)

- NOTE
- INDIVIDUAL CONTROL WIRES SHALL BE IDENTIFIED BY TWO LABELS AT EACH END. THE FIRST LABEL (CLOSEST TO THE END OF THE WIRE) SHALL IDENTIFY THE NUMBER OF THE TERMINAL TO WHICH THE WIRE IS CONNECTED, THE OTHER LABEL SHALL IDENTIFY THE TERMINAL OF THE OPPOSITE END OF THE WIRE.
  - AC SUPPLY PHASE: BLACK, NEUTRAL: WHITE, GROUND: GREEN OR GREEN W/YELLOW TRACER.
  - DC SUPPLY POSITIVE: RED OR RED SLEEVE OVER ANY COLOR EXCEPT GREEN. NEGATIVE: BLACK OR BLACK SLEEVE OVER ANY COLOR EXCEPT GREEN.
  - SIGNAL PAIR POSITIVE: BLACK, NEGATIVE: WHITE.
  - SINGLE TRIAD POSITIVE: BLACK, NEGATIVE: WHITE, THIRD WIRE: RED.
  - THERMOCP: POSITIVE: PER ANSI MC96.1, NEGATIVE: PER ANSI MC96.1.
  - IDENTIFICATION OF CABLES SHALL INCLUDE CABLE NUMBER AND DESTINATION.
  - SKID WIRING SHALL BE ARMORED BRAIDED CABLE PER MAYEKAWA REQUISITION.
  - DEVICES ARE EX(ø) RATED.
  - LOCAL PANEL IS EX(d), IIB, T3, IP65 RATED AND MATERIAL IS SS 316 OR ALUMINUM.
  - MULTI CORE/PAIR CABLE GLANDS BY OTHERS.
  - DUE TO SPACE LIMITATION, ALL CABLE ENTRIES ARE FROM BOTTOM.
  - ENCLOSURE THICKNESS: 1.5 MM.

Code1	<input type="checkbox"/> No Comment/ Approved <small>(Applicable Only for "FOR REVIEW" and "For Approval" Documents) No comment and the document are released for Manufacturing.</small>
Code2	<input type="checkbox"/> No Comment/ Approved with Hold(s) Vendor/Sub-Contractor shall correct, revise and resubmit the document. The document is released for Manufacturing if changes incorporated.
Code3	<input type="checkbox"/> Commented Vendor/Sub-Contractor shall correct, revise and resubmit the document by the due quality. The document shall be held under the status of "to be held issue", all essential documents shall be resubmitted before starting the Manufacturing Process.
Code4	<input type="checkbox"/> Not Assessed (Rejected) Vendor/Sub-Contractor shall re-work/re-design/re-specify the details of the document according to the comments/reasons for rejection. All corrected documents shall be resubmitted before starting the Manufacturing Process. Vendor/Sub-Contractor shall not proceed with subsequent work of Material Supply or Manufacturing until receiving Code1/Code2 or No Code from PMS/HSR. Vendor/Sub-Contractor shall resubmit the document with the same revision within 4 working days after receiving comments.
No Code	<input type="checkbox"/> No Code <small>(Only for "For Information" Documents and "No Bill Status" Documents has been submitted for PMS/HSR's Information (P) Considering completeness and correctness of document content to the Vendor/Sub-Contractor's responsibility.</small>

The above checking result by ESD shall in no way release Vendor of any liability, obligation and responsibility out of the purchase order and the master agreement in writing.

DATE: \_\_\_\_\_ DEPT: \_\_\_\_\_  
Signature: \_\_\_\_\_

CV	PI	EL	SI	ME	MA
BT	SU	PR	SA	MY	TL

02	11.Mar.26	IFA	R.G	F.T	A.M
01	14.Feb.26	IFA	R.G	F.T	A.M
00	12.Jan.26	IFA	R.G	F.T	A.M
REV.	DATE (DD.MM.YY)	Purpose of Issue	Prepared	Checked	Approved

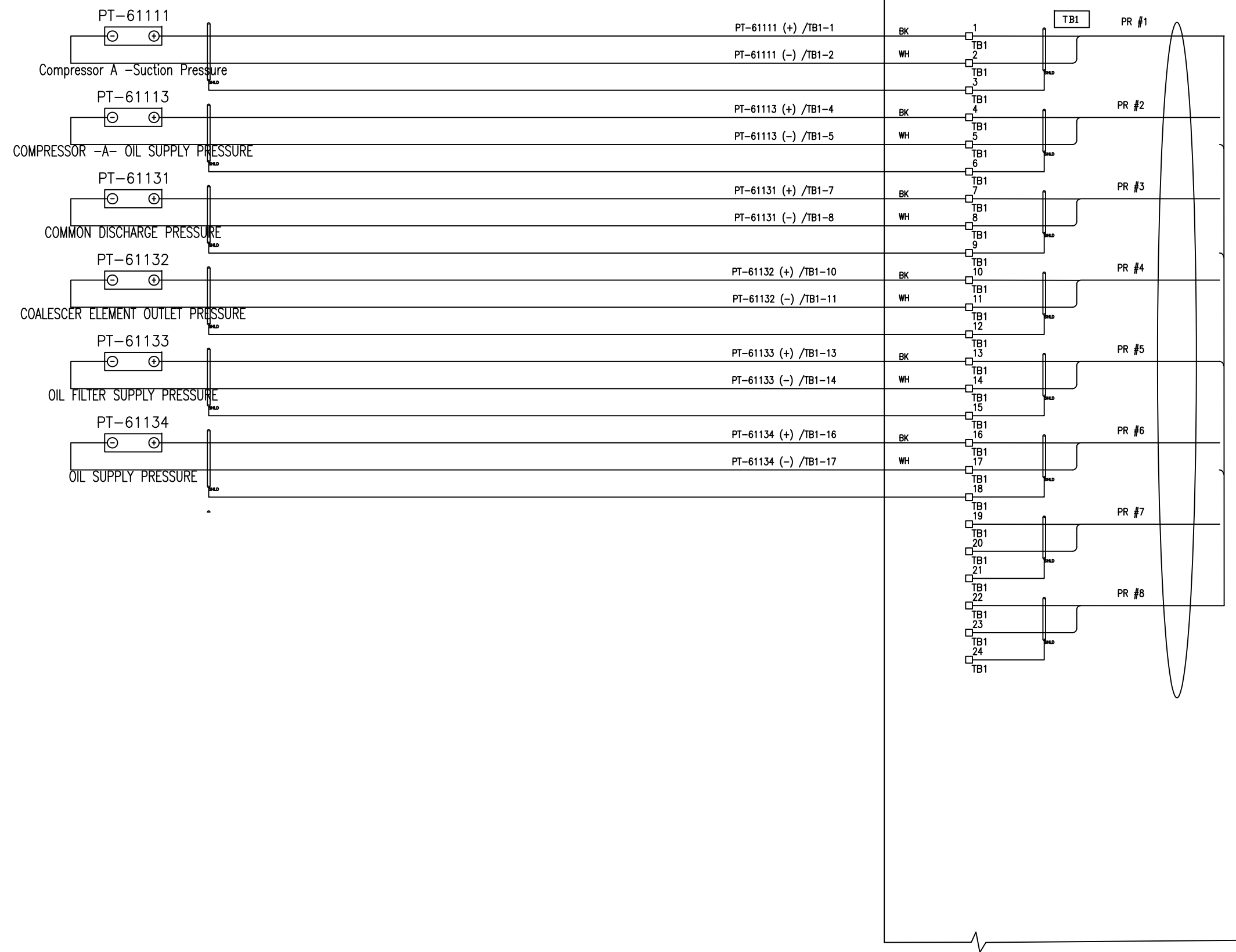
**Gachsaran Polymer Industries Company**  
HDPE Plant  
CONTRACT NO.: GPI-CON-99-008

PO No.: GPIC-PT-MA-PO-000-3029      SCALE: 1:1

DRAWING TITLE:  
**LCP and Junction Box Layout, Arrangement and Wiring Drawing**

DRAWING NO.	REV.	SHEET NO.	SIZE
VD-GPIC-MA-3029-3029-0046	02	5 OF 14	A3

JB-UIA-611



**NOTE**

**JUNCTION BOX SPECIFICATION:**

- EX PROTECTION : II 2G Ex e IIB T3
- INGRESS PROTECTION : IP65
- AMBIENT TEMP. CONDITION : -20 ... +55 °C
- ENCLOSURE MATERIAL : STAINLESS STEEL 316
- TB Type : 2.5mm2/BLUE
- INTERNAL WIRING : 2.5mm2 Yellow/Green (PE)
- OPERATING VOLTAGE : <= 30V
- OPERATING CURRENT (TOTAL) : <= 6A
- EXTERNAL CABLE SIZE : 1.5mm2 ... 2.5mm2
- BREATHER/DRAIN : Stainless steel
- STOPPING PLUG : Nickel plated brass
- CABLE GLAND : Nickel plated brass
- EARTH BOLT : M8
- ENCLOSURE THICKNESS : 1.5 MM

Code1	<input type="checkbox"/> No Comment/ Approved (Applicable Only for "FOR REVIEW" and "For Approval" Documents) No comment and the document are released for Manufacturing
Code2	<input type="checkbox"/> No Comment/ Approved with hold(s) Vendor/Sub-Contractor shall correct, revise and resubmit the document. The document is released for Manufacturing if changes incorporated.
Code3	<input type="checkbox"/> Commented Vendor/Sub-Contractor shall correct, revise and resubmit the document by the date specified. The document shall be re-released under the status of "To Be Released". All corrected documents shall be resubmitted before starting the Manufacturing Process.
Code4	<input type="checkbox"/> Not Assessed (Rejected) Vendor/Sub-Contractor shall re-work/re-design/re-verify the contents of the document according to the comments/reasons for rejection. All corrected documents shall be resubmitted before starting the Manufacturing Process. Vendor/Sub-Contractor shall not proceed with subsequent work of related supply or manufacturing until receiving Code1/Code2 or No Code from PURCHASER. Vendor/Sub-Contractor shall resubmit the document with the same revision within 8 working days after receiving comments.
No Code	<input type="checkbox"/> No Code (Only for "For Information" documents and "No Bill (NBB)" Documents has been submitted for PURCHASER's Review) (V) Containing compliance and verification of document content is the Vendor/Sub-Contractor's responsibility.

The above checking result by ESD shall in no way release Vendor of any liability, obligation and responsibility out of the purchase order and the related agreement in writing.

DATE :  
DEPT :  
Signature :

CV	PI	EL	SI	ME	MA
BT	SU	PR	SA	HY	TL

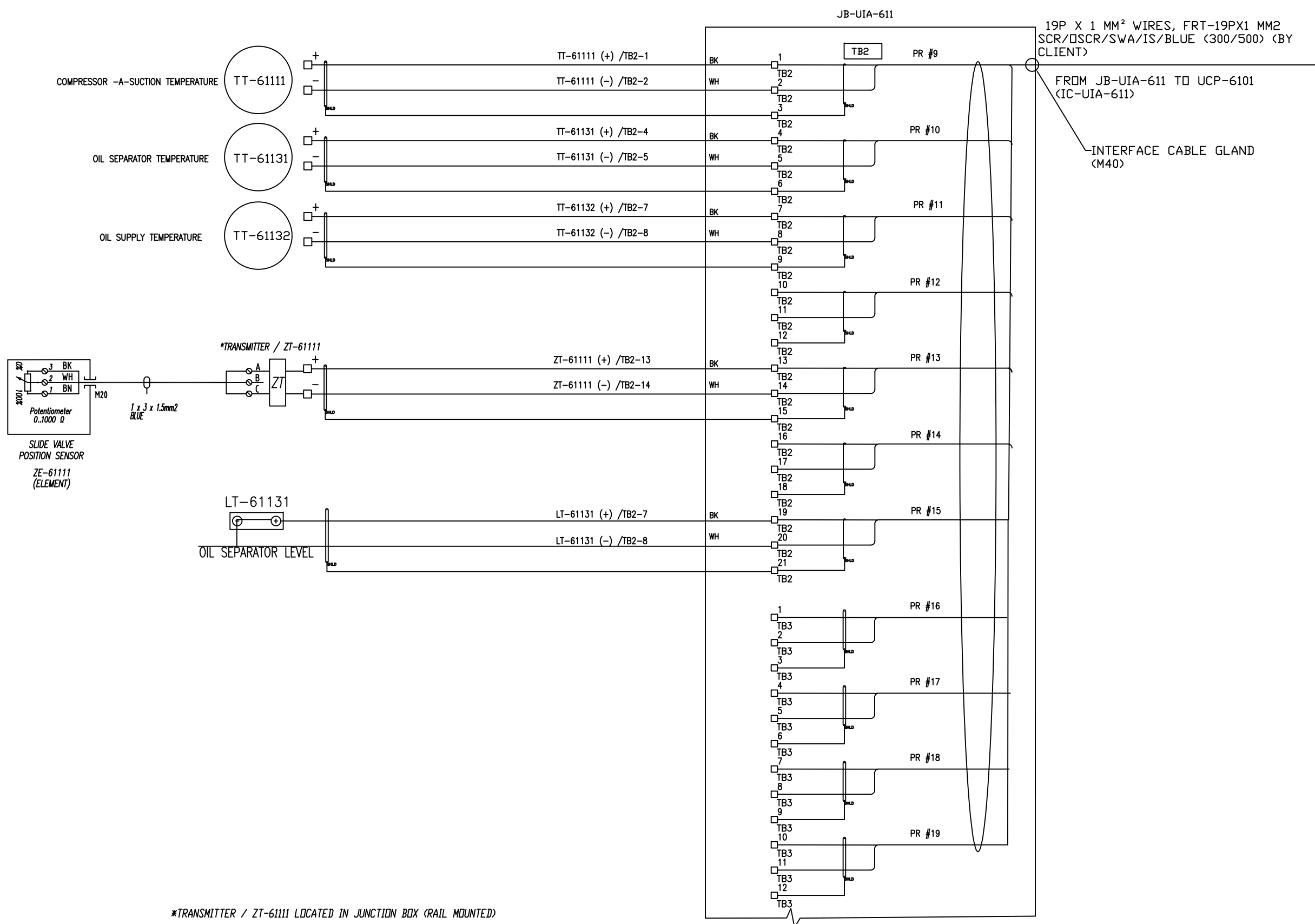
02	11.Mar.26	IFA	R.G	F.T	A.M
01	14.Feb.26	IFA	R.G	F.T	A.M
00	12.Jan.26	IFA	R.G	F.T	A.M
REV.	DATE	Purpose of Issue	Prepared	Checked	Approved

Gachsaran Polymer Industries Company  
HDPE Plant  
CONTRACT NO.: GPI-CON-99-008

PO No.: GPIC-PT-MA-PO-000-3029 SCALE: 1:1

DRAWING TITLE:  
**LCP and Junction Box Layout, Arrangement and Wiring Drawing**

DRAWING NO.	REV.	SHEET NO.	SIZE
VD-GPIC-MA-3029-3029-0046	02	6 OF 14	A3



\*TRANSMITTER / ZT-61111 LOCATED IN JUNCTION BOX (RAIL MOUNTED)

**NOTE**

**JUNCTION BOX SPECIFICATION:**

- EX PROTECTION : IP 26 Ex e IIB T3
- INGRESS PROTECTION : IP65
- AMBIENT TEMP. CONDITION : -20 ... +55 °C
- ENCLOSURE MATERIAL : STAINLESS STEEL 316
- TB Type : 2.5mm<sup>2</sup>/BLUE
- INTERNAL WIRING : 2.5mm<sup>2</sup> Yellow/Green (PE)
- OPERATING VOLTAGE : <= 30V
- OPERATING CURRENT (TOTAL) : <= 6A
- EXTERNAL CABLE SIZE : 1.5mm<sup>2</sup> ... 2.5mm<sup>2</sup>
- BREATHER/DRAIN : Stainless steel
- STOPPING PLUG : Nickel plated brass
- CABLE GLAND : Nickel plated brass
- EARTH BOLT : M8
- ENCLOSURE THICKNESS : 1.5 MM

Code	<input type="checkbox"/> No Comment/ Approved
Code	<input type="checkbox"/> No Comment/ Approved with hold(s)
Code	<input type="checkbox"/> Commented
Code	<input type="checkbox"/> Not Assessed (Rejected)
Code	<input type="checkbox"/> No Code

DATE :  
DEPT :  
Signature :

CV	PI	EL	SI	ME	MA
BT	SU	PR	SA	HY	TL

02	11.Mar.26	IFA	R.G	F.T	A.M
01	14.Feb.26	IFA	R.G	F.T	A.M
00	12.Jan.26	IFA	R.G	F.T	A.M

REV.	DATE	Purpose of Issue	Prepared	Checked	Approved
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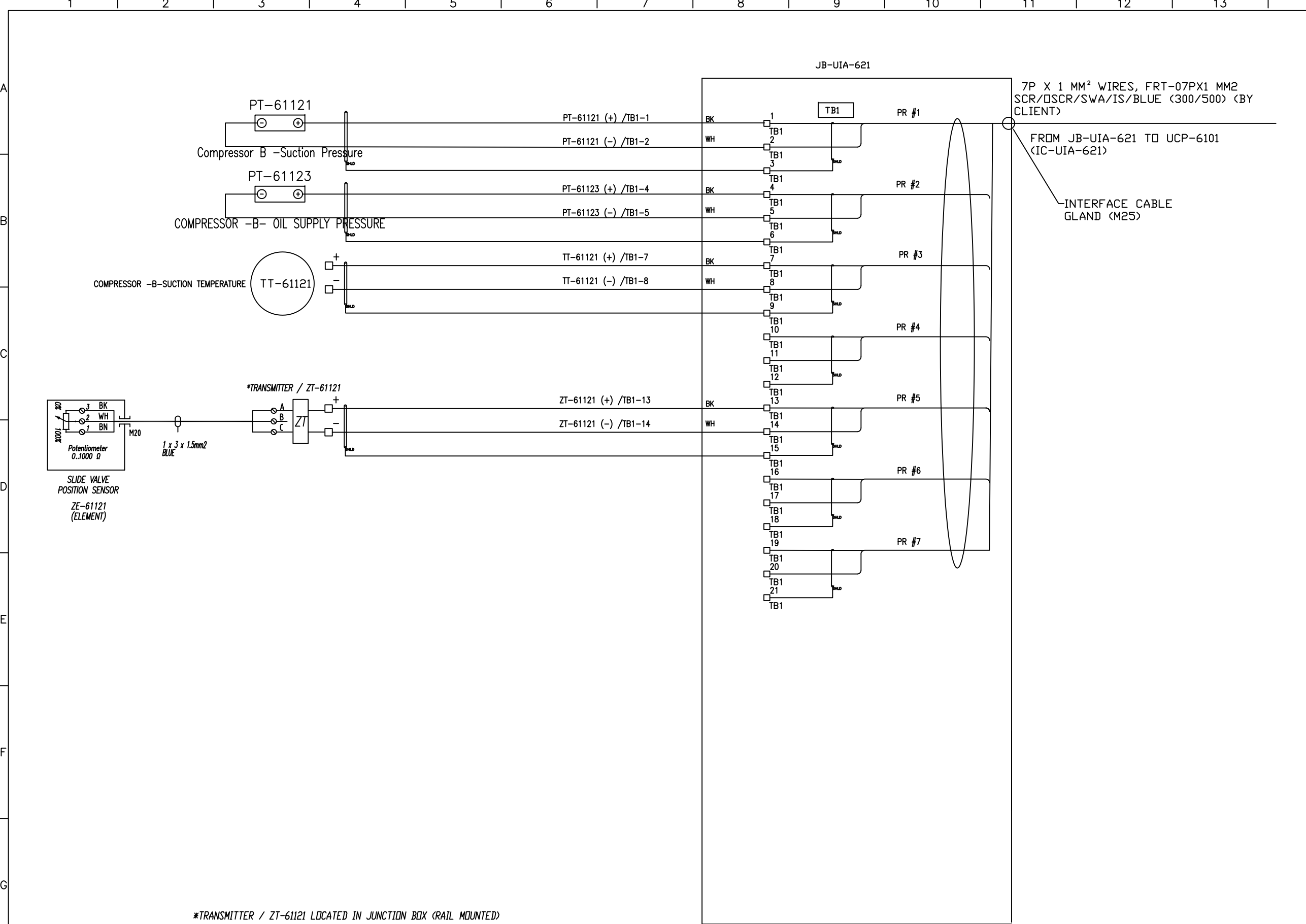
Gachsaran Polymer Industries Company  
HDPE Plant  
CONTRACT NO.: GPI-CON-99-008

PO No.: GPIC-PT-MA-PO-000-3029 SCALE: 1:1

DRAWING TITLE:  
**LCP and Junction Box Layout, Arrangement and Wiring Drawing**

DRAWING NO.	REV.	SHEET NO.	SIZE
VD-GPIC-MA-3029-3029-0046	02	7 OF 14	A3





\*TRANSMITTER / ZT-61121 LOCATED IN JUNCTION BOX (RAIL MOUNTED)

NOTE

JUNCTION BOX SPECIFICATION:

EX PROTECTION : II 2G Ex e IIB T3

INGRESS PROTECTION : IP65

AMBIENT TEMP. CONDITION : -20 ... +55 °C

ENCLOSURE MATERIAL : STAINLESS STEEL 316

TB Type : 2.5mm<sup>2</sup>/BLUE

INTERNAL WIRING : 2.5mm<sup>2</sup> Yellow/Green (PE)

OPERATING VOLTAGE : <= 30V

OPERATING CURRENT (TOTAL) : <= 6A

EXTERNAL CABLE SIZE : 1.5mm<sup>2</sup> ... 2.5mm<sup>2</sup>

BREATHER/DRAIN : Stainless steel

STOPPING PLUG : Nickel plated brass

CABLE GLAND : Nickel plated brass

EARTH BOLT : M8

ENCLOSURE THICKNESS : 1.5 MM

Code1	<input type="checkbox"/> No Comment/ Approved (Applicable Only for "FOR REVIEW" and "For Approval" Documents) No comment and the document are released for Manufacturing
Code2	<input type="checkbox"/> No Comment/ Approved with Remark(s) Vendor/Sub-Contractor shall correct, revise and resubmit the document. The document is released for Manufacturing if changes incorporated.
Code3	<input type="checkbox"/> Commented Vendor/Sub-Contractor shall correct, revise and resubmit the document by the date specified. The document shall be released under the status of "to be released". All commented documents shall be resubmitted before starting the Manufacturing Process.
Code4	<input type="checkbox"/> Not Assessed (Rejected) Vendor/Sub-Contractor shall re-work/re-design/re-quantity the contents of the document according to the comments/reasons for rejection. All corrected documents shall be resubmitted before starting the Manufacturing Process. Vendor/Sub-Contractor shall not proceed with subsequent work of related supply or manufacturing until receiving Code1/Code2 or No Code from PURCHASER. Vendor/Sub-Contractor shall resubmit the document with the same revision within 8 working days after receiving comments.
No Code	<input type="checkbox"/> No Code (Only for "For Information" Documents and "No Bill BOM") Document has been submitted for PURCHASER's Information (PI). Compliance and verification of document content is the Vendor/Sub-Contractor's responsibility.

The above checking result by ESD shall in no way release Vendor of any liability, obligation and responsibility out of the purchase order and the related agreement in writing.

DATE :  
DEPT :  
Signature :

CV	PI	EL	SI	ME	MA
BT	SU	PR	SA	HY	TL

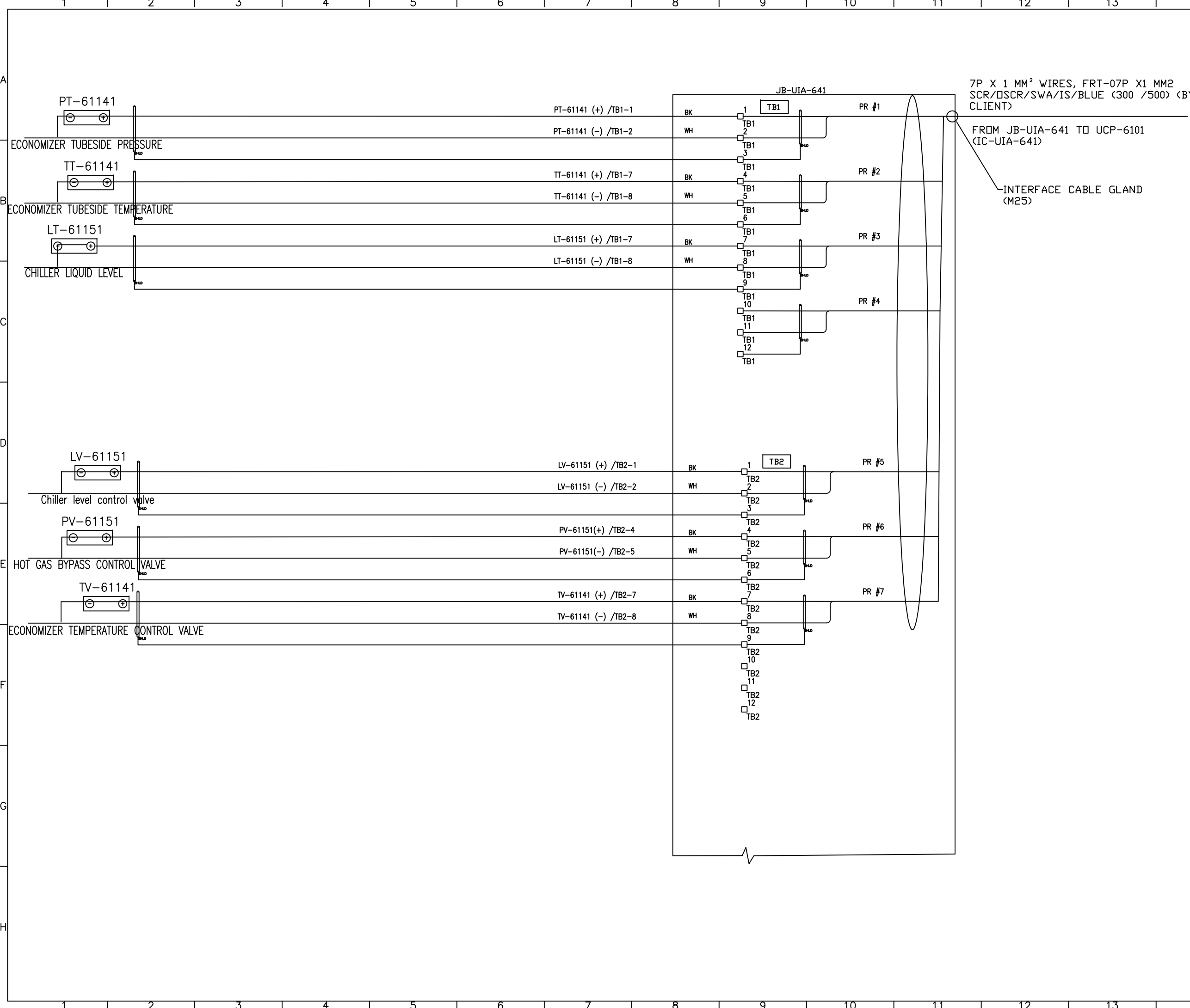
02	11.Mar.26	IFA	R.G	F.T	A.M
01	14.Feb.26	IFA	R.G	F.T	A.M
00	12.Jan.26	IFA	R.G	F.T	A.M
REV.	DATE (dd.mm.yy)	Purpose of Issue	Prepared	Checked	Approved

Gachsaran Polymer Industries Company  
HDPE Plant  
CONTRACT NO.: GPI-CON-99-008

PO No.: GPI-PT-MA-PO-000-3029 SCALE: 1:1

DRAWING TITLE:  
LCP and Junction Box Layout, Arrangement and Wiring Drawing

DRAWING NO.	REV.	SHEET NO.	SIZE
VD-GPIC-MA-3029-3029-0046	02	9 OF 14	A3



**NOTE**

**JUNCTION BOX SPECIFICATION:**

- EX PROTECTION : I 2G Ex e IIB T3
- INGRESS PROTECTION : IP65
- AMBIENT TEMP. CONDITION : -20 ... +55 °C
- ENCLOSURE MATERIAL : STAINLESS STEEL 316
- TB Type : 2.5mm2/BLUE
- INTERNAL WIRING : 2.5mm2 Yellow/Green (PE)
- OPERATING VOLTAGE : <= 30V
- OPERATING CURRENT (TOTAL) : <= 6A
- EXTERNAL CABLE SIZE : 1.5mm2 ... 2.5mm2
- BREATHER/DRAIN : Stainless steel
- STOPPING PLUG : Nickel plated brass
- CABLE GLAND : Nickel plated brass
- EARTH BOLT : M8
- ENCLOSURE THICKNESS : 1.5 MM

Code1	<input type="checkbox"/> No Comment/ Approved (Applicable only for "For Review" and "For Approval" Documents) No comment and the document are released for Manufacturing.
Code2	<input type="checkbox"/> No Comment/ Approved with Hold(s) Vendor/Sub-Contractor shall correct, revise and resubmit the document. The document is released for Manufacturing if changes incorporated.
Code3	<input type="checkbox"/> Commented Vendor/Sub-Contractor shall correct, revise and resubmit the document by the date specified. The document shall be released under the status of "To be held issue", if essential documents shall be resubmitted before starting the Manufacturing Process.
Code4	<input type="checkbox"/> Not Assessed (Rejected) Vendor/Sub-Contractor shall re-work/re-design/re-specify the contents of the document according to the comments/reasons for rejection. All corrected documents shall be resubmitted before starting the Manufacturing process. Vendor/Sub-Contractor shall not proceed with subsequent work of Material Supply or Manufacturing until receiving Code1/Code2 or No Code from PMS/ISSR. Vendor/Sub-Contractor shall resubmit the document with the same revision within 4 working days after receiving comments.
No Code	<input type="checkbox"/> No Code (Only for "For Information" Documents and "No Bill BOM") Document has been submitted for PMS/ISSR's Information (PI) Considering completeness and correctness of document content to the Vendor/Sub-Contractor's responsibility. The above checking result by ESD shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the master agreement in writing.

DATE :  
DEPT :  
Signature :  

CV	PI	EL	SI	ME	MA
BT	SU	PR	SA	MY	TL

02	11.Mar.26	IFA	R.G	F.T	A.M
01	14.Feb.26	IFA	R.G	F.T	A.M
00	12.Jan.26	IFA	R.G	F.T	A.M
REV.	DATE (dd.mm.yy)	Purpose of Issue	Prepared	Checked	Approved

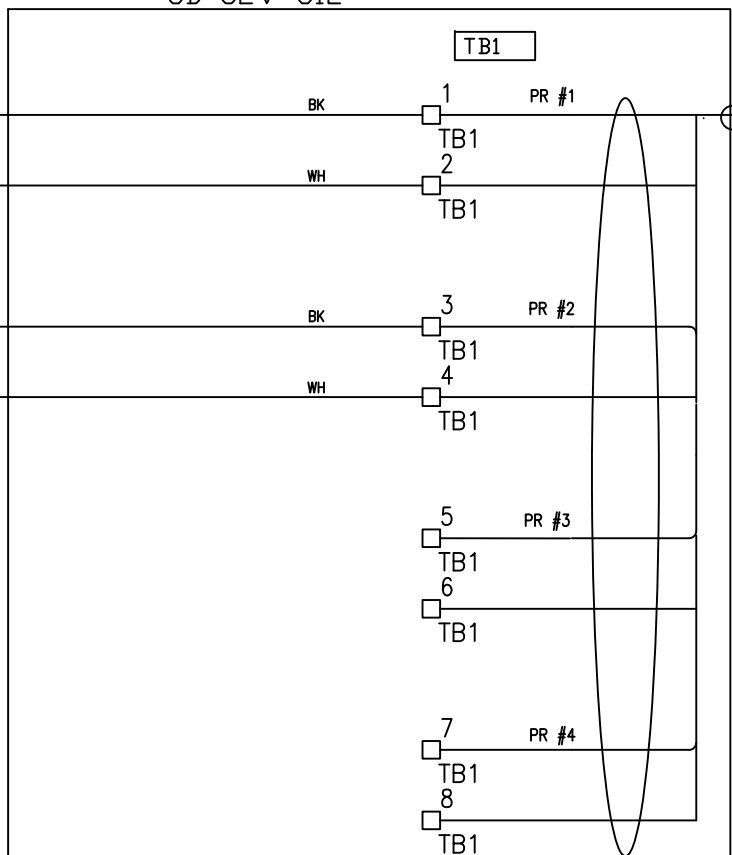
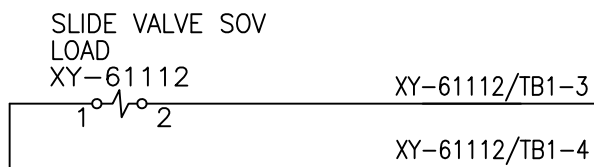
**Gachsaran Polymer Industries Company**  
**HDPE Plant**  
 CONTRACT NO.: GPI-CON-99-008

PO No.: GPIC-PT-MA-PO-000-3029      SCALE: 1:1

DRAWING TITLE:  
**LCP and Junction Box Layout, Arrangement and Wiring Drawing**

DRAWING NO.	REV.	SHEET NO.	SIZE
VD-GPIC-MA-3029-3029-0046	02	10 OF 14	A3

JB-UEV-612



4P X 2.5 MM<sup>2</sup> WIRES, FRT-04PX2.5 MM2  
SWA/NIS/GRAY (300 /500) (BY CLIENT)

FROM JB-UEV-612 TO UCP-6101  
(IC-UEV-612)

INTERFACE CABLE GLAND  
(M32)

NOTE

**JUNCTION BOX SPECIFICATION:**

- EX PROTECTION : II 2G Ex e IIB T3
- INGRESS PROTECTION : IP65
- AMBIENT TEMP. CONDITION : -20 ... +55 °C
- ENCLOSURE MATERIAL : STAINLESS STEEL 316
- TB Type : 4mm2/GREY
- INTERNAL WIRING : 2.5mm2 Yellow/Green (PE)
- OPERATING VOLTAGE : <= 30V
- OPERATING CURRENT (TOTAL) : <= 6A
- EXTERNAL CABLE SIZE : 1.5mm2 ... 2.5mm2
- BREATHER/DRAIN : Stainless steel
- STOPPING PLUG : Nickel plated brass
- CABLE GLAND : Nickel plated brass
- EARTH BOLT : M8
- ENCLOSURE THICKNESS : 1.5 MM

Code1	<input type="checkbox"/> No Comment/ Approved (Applicable Only for "FOR REVIEW" and "For Approval" Documents) No comment and the document are released for Manufacturing
Code2	<input type="checkbox"/> No Comment/ Approved with hold(s) Vendor/Sub-Contractor shall correct, revise and resubmit the document. The document shall be released for Manufacturing if changes incorporated.
Code3	<input type="checkbox"/> Commented Vendor/Sub-Contractor shall correct, revise and resubmit the document by the date specified. The document shall be released under the status of "to be held back". If corrected documents shall be resubmitted before starting the Manufacturing Process
Code4	<input type="checkbox"/> Not Assessed (Rejected) Vendor/Sub-Contractor shall re-work/re-design/re-specify the contents of the document according to the comments/reasons for rejection. If corrected documents shall be resubmitted before starting the manufacturing process. Vendor/Sub-Contractor shall not proceed with subsequent work of related supply or manufacturing until receiving Code1/Code2 or No Code from PURCHASER. Vendor/Sub-Contractor shall resubmit the document with the same revision within 8 working days after receiving comments
No Code	<input type="checkbox"/> No Code (Only for "For Information" documents and "No Bill BOM") Document has been submitted for PURCHASER's reference (P). Compliance, completeness and correctness of document content is the Vendor/Sub-Contractor's responsibility.

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DATE :  
DEPT :  
Signature :

CV	PI	EL	SI	ME	SA
BT	SU	PR	SA	HY	TL

02	11.Mar.26	IFA	R.G	F.T	A.M
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REV.	DATE (DD.MM.YY)	Purpose of Issue	Prepared	Checked	Approved

**Gachsaran Polymer Industries Company**  
HDPE Plant

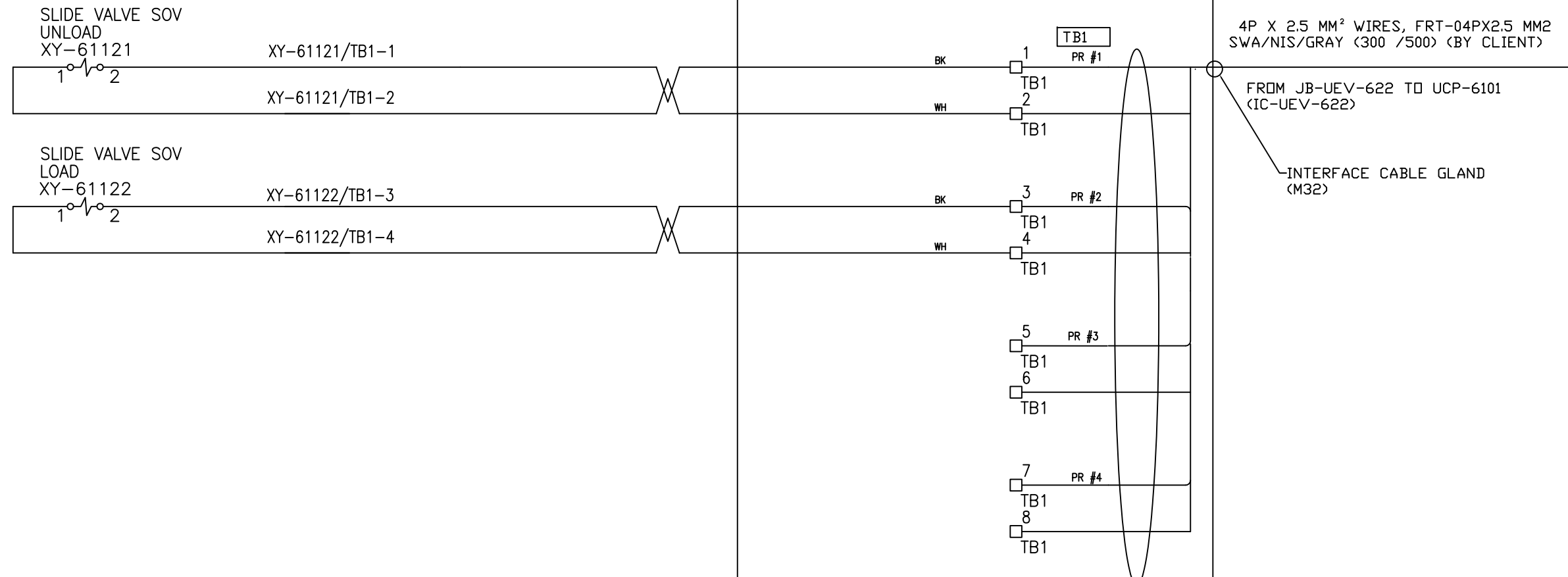
CONTRACT NO.: GPI-CON-99-008

PO No.: GPIC-PT-MA-PO-000-3029      SCALE: 1:1

DRAWING TITLE:  
**LCP and Junction Box Layout, Arrangement and Wiring Drawing**

DRAWING NO.	REV.	SHEET NO.	SIZE
VD-GPIC-MA-3029-3029-0046	02	11 OF 14	A3

JB-UEV-622



NOTE

JUNCTION BOX SPECIFICATION:

- EX PROTECTION : IP 26 Ex e IIB T3
- INGRESS PROTECTION : IP65
- AMBIENT TEMP. CONDITION : -20 ... +55 °C
- ENCLOSURE MATERIAL : STAINLESS STEEL 316
- TB Type : 4mm2/GREY
- INTERNAL WIRING : 2.5mm2 Yellow/Green (PE)
- OPERATING VOLTAGE : <= 30V
- OPERATING CURRENT (TOTAL) : <= 6A
- EXTERNAL CABLE SIZE : 1.5mm2 ... 2.5mm2
- BREATHER/DRAIN : Stainless steel
- STOPPING PLUG : Nickel plated brass
- CABLE GLAND : Nickel plated brass
- EARTH BOLT : M8
- ENCLOSURE THICKNESS : 1.5 MM

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Code3	<input type="checkbox"/> Commented Vendor/Sub-Contractor shall correct, revise and resubmit the document by the date specified. The document shall be held under the status of "To Be Held Issue", all essential documents shall be resubmitted before starting the Manufacturing Process.
Code4	<input type="checkbox"/> Not Assessed (Rejected) Vendor/Sub-Contractor shall re-work/re-design/re-quantity the contents of the document according to the comments/ reasons for rejection. All corrected documents shall be resubmitted before starting the manufacturing. Vendor Sub-Contractor shall not proceed with subsequent work of Material Supply or Manufacturing until receiving Code1/Code2 or No Code from PURCHASER. Vendor/Sub-Contractor shall resubmit the document with the same revision within 4 working days after receiving comments.
No Code	<input type="checkbox"/> No Code (Only for "For Information" Documents and "No Bill BOM") Document has been submitted for PURCHASER'S Information (PI). Considering completeness and correctness of document content is the Vendor/Sub-Contractor's responsibility. The above checking result by ESD shall in no way release Vendor of any liability, obligation and responsibility out of the purchase order and the master agreement in writing.

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Gachsaran Polymer Industries Company  
HDPE Plant  
CONTRACT NO.: GPI-CO-99-008

PO No.: GPIC-PT-MA-PO-000-3029 SCALE: 1:1

DRAWING TITLE:  
**LCP and Junction Box Layout, Arrangement and Wiring Drawing**

DRAWING NO.	REV.	SHEET NO.	SIZE
VD-GPIC-MA-3029-3029-0046	02	12 OF 14	A3

JB-UEV-652

OIL RECOVERY VALVE SOV  
COMPRESSOR DISCHARGE  
XY-61151

XY-61151/TB1-1

XY-61151/TB1-2

OIL RECOVERY VALVE SOV  
CHILLER RECOVERY  
XY-61152

XY-61152/TB1-3

XY-61152/TB1-4

TB1

BK 1 PR #1

WH 2 TB1

TB1

BK 3 PR #2

WH 4 TB1

TB1

5 PR #3

TB1

6 TB1

TB1

7 PR #4

TB1

8 TB1

TB1

4P X 2.5 MM<sup>2</sup> WIRES, FRT-04PX2.5 MM2  
SWA/NIS/GRAY (300 /500) (BY CLIENT)

FROM JB-UEV-652 TO UCP-6101  
(IC-UEV-652)

INTERFACE CABLE GLAND  
(M32)

NOTE

**JUNCTION BOX SPECIFICATION:**

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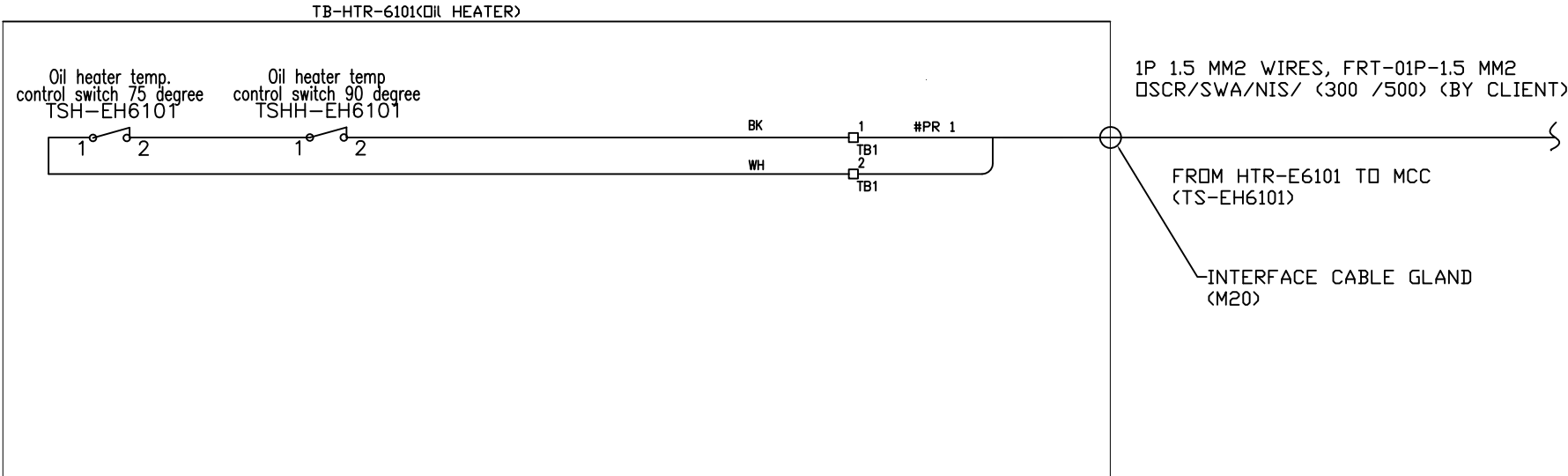
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**Gachsaran Polymer Industries Company**  
**HDPE Plant**  
 CONTRACT NO.: GPI-CON-99-008

PO No.: GPIC-PT-MA-PO-000-3029 SCALE: 1:1

DRAWING TITLE:  
**LCP and Junction Box Layout, Arrangement and Wiring Drawing**

DRAWING NO.	REV.	SHEET NO.	SIZE
VD-GPIC-MA-3029-3029-0046	02	13 OF 14	A3



NOTE

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		<b>Gachsaran Polymer Industries Company</b> HDPE Plant	
		CONTRACT NO.: GPI-CON-99-008	

PO No.: GPIC-PT-MA-PO-000-3029      SCALE: 1:1  
 DRAWING TITLE:  
**LCP and Junction Box Layout, Arrangement and Wiring Drawing**

DRAWING NO.	REV.	SHEET NO.	SIZE
VD-GPIC-MA-3029-3029-0046	02	14 OF 14	A3