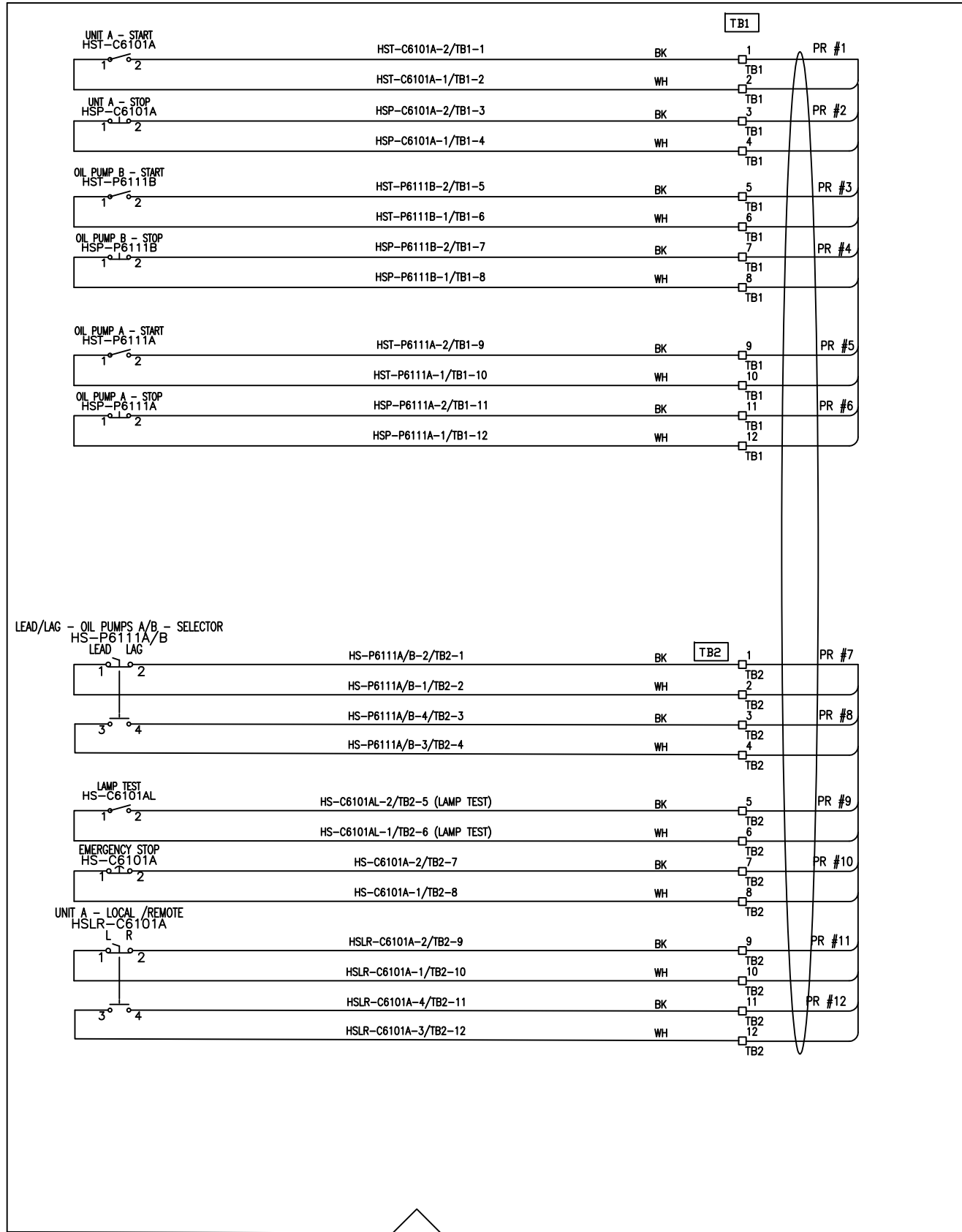


LCP-6101A



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 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(d) RATED.
- LOCAL PANEL IS EX(e), 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.

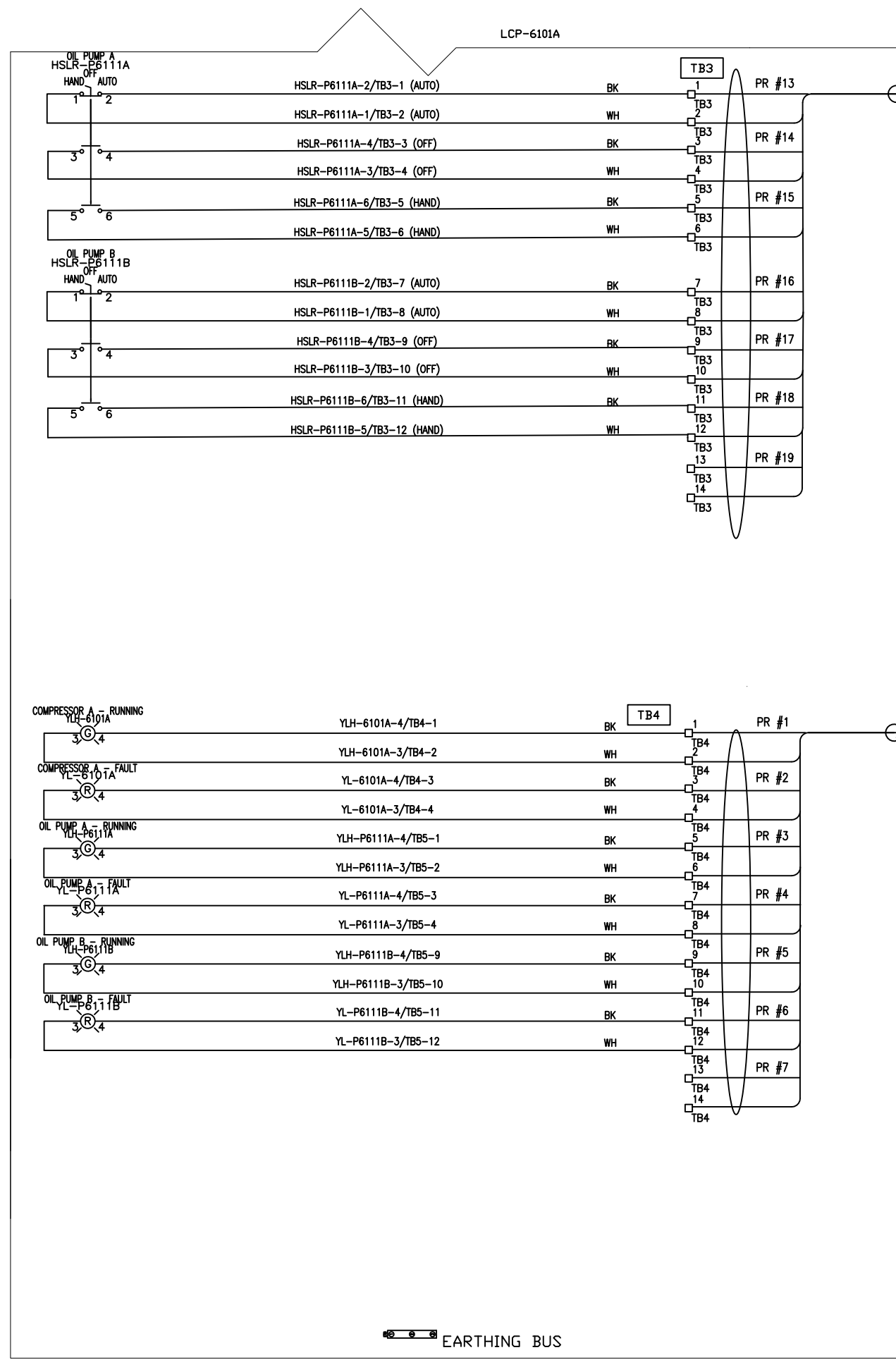
Code 1	<input type="checkbox"/> No Comment/ Approved	Applicable only for "FOR REVIEW" and "For Approval" Documents. No comment and the document are released for manufacturing.
Code 2	<input type="checkbox"/> No Comment/ Approved with Hold(s)	Vendor/Sub-Contractor shall correct, revise and resubmit the document. The document is released for manufacturing if changes incorporated.
Code 3	<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 "H. Holded Item", all essential documents shall be resubmitted before starting the manufacturing process.
Code 4	<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. Sub-Contractor shall not proceed with subsequent work of material supply or manufacturing until receiving Code 1/Code 2 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	(Only for "For Information" Documents and "No Bill Status") Document has been submitted for PMS/HSR's attention (P). Considering completeness and correctness of document content is 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

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
		Gachsan Polymer Industries Company HDPE Plant			
CONTRACT NO.: GPI-CON-99-008		SCALE: 1:1			
PO No.: GPIC-PT-MA-PO-000-3029					
DRAWING TITLE: LCP and Junction Box Layout, Arrangement and Wiring Drawing					
DRAWING NO. VD-GPIC-MA-3029-3029-0046				REV. SHEET NO.	SIZE
				01	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 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(d) RATED.
 - LOCAL PANEL IS EX(e), 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.

Code:	<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>
Code:	<input type="checkbox"/> No Comment/ Approved with Hold(s) <small>Vendor/Sub-Contractor shall correct, revise and resubmit the document. The document is released for Manufacturing if changes incorporated.</small>
Code:	<input type="checkbox"/> Commented <small>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.</small>
Code:	<input type="checkbox"/> Not Accepted (Rejected) <small>Vendor/Sub-Contractor shall re-work/re-design/re-specify the details of the document according to the comments/reasons for rejection. Rejected 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 Code/Status or No Code from PURCHASER. Vendor/Sub-Contractor shall resubmit the document with the same revision within 8 working days after receiving comments.</small>
No Code:	<input type="checkbox"/> No Code <small>(Only for "For Information" Documents and "No Bill BOM") Document has been submitted for PURCHASER's Review (R). Containing completeness and correctness of document content is Vendor/Sub-Contractor's responsibility.</small>

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

EIED

DATE: _____
DEPT: _____
Signature: _____

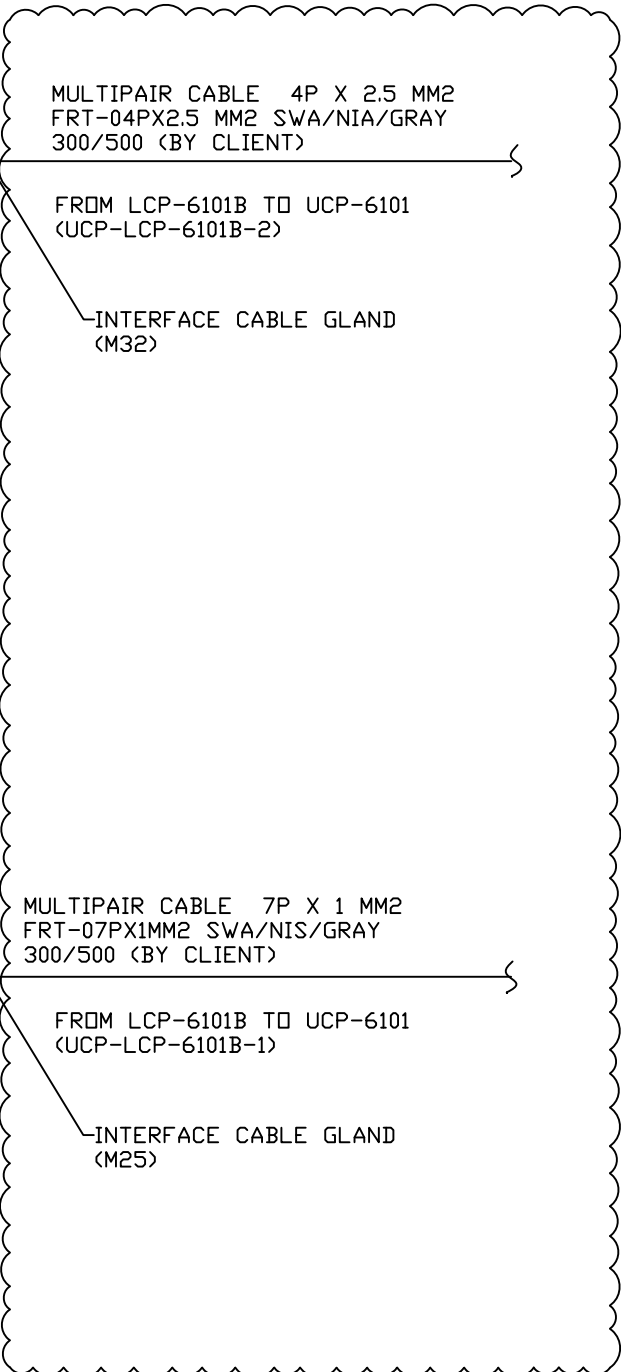
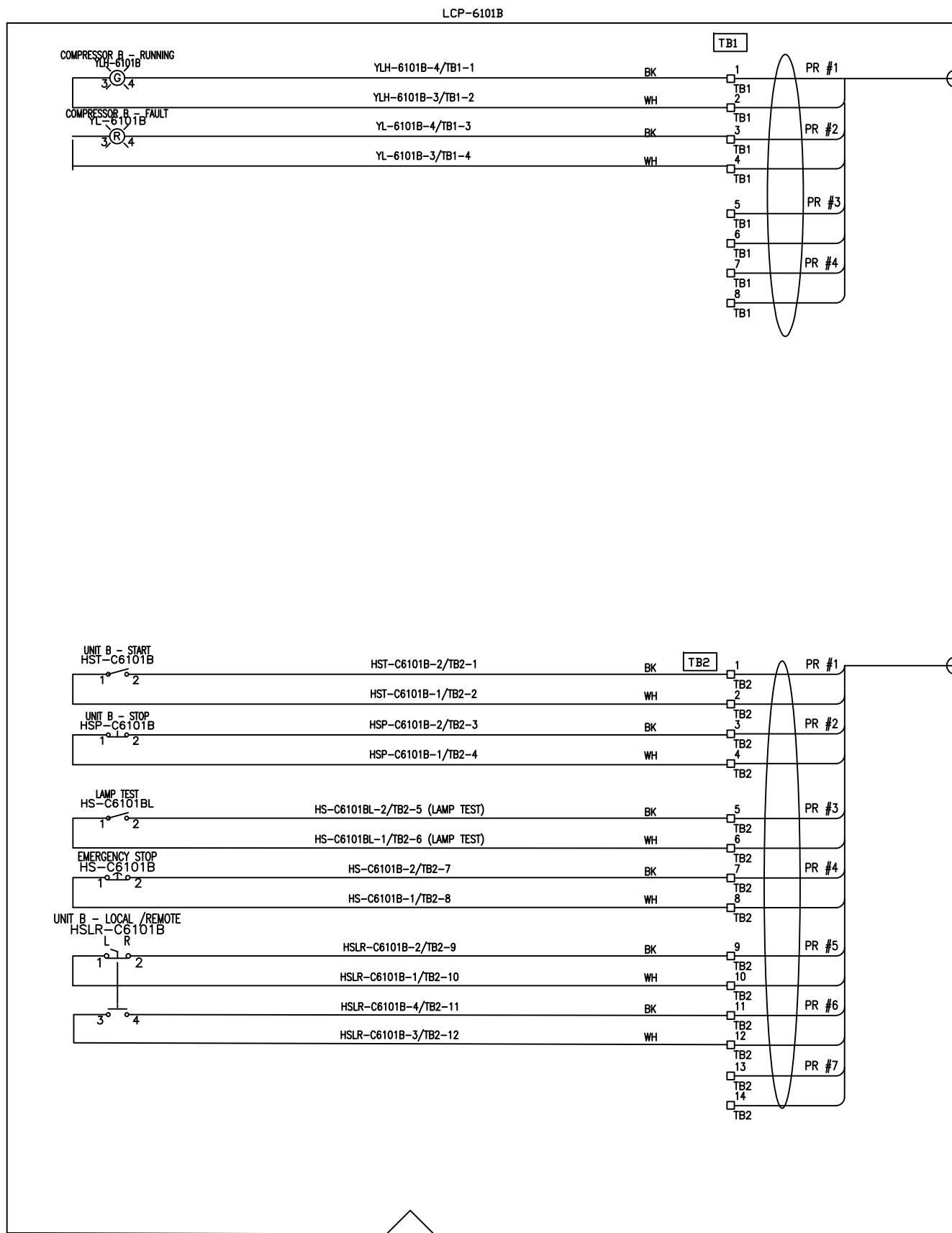
CV	PI	EL	SI	ME	MA
BT	SU	PR	SA	HY	TL

01	14.Feb.26	IFA	R.G	F.T	AM
00	12.Jan.26	IFA	R.G	F.T	AM
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	01	4 OF 14	A3



- 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/WH/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(d) RATED.
 - LOCAL PANEL IS EX(e), 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.

Code 1	<input type="checkbox"/> No Comment/ Approved	Applicable only for "For Review" and "For Approval" Documents. No comment and the document are released for Manufacturing.
Code 2	<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.
Code 3	<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 later", all amended documents shall be resubmitted before starting the Manufacturing Process.
Code 4	<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 Code 1/Code 2 or No Code from PMS/HSR. Vendor/Sub-Contractor shall resubmit the document with the same revision within a working days after receiving comments.
No Code	<input type="checkbox"/> No Code	(Only for "For Information" Documents and "No Bill Status") Document has been submitted for PMS/HSR's attention (P) 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.

DATE: _____ DEPT: _____

Signature: _____

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

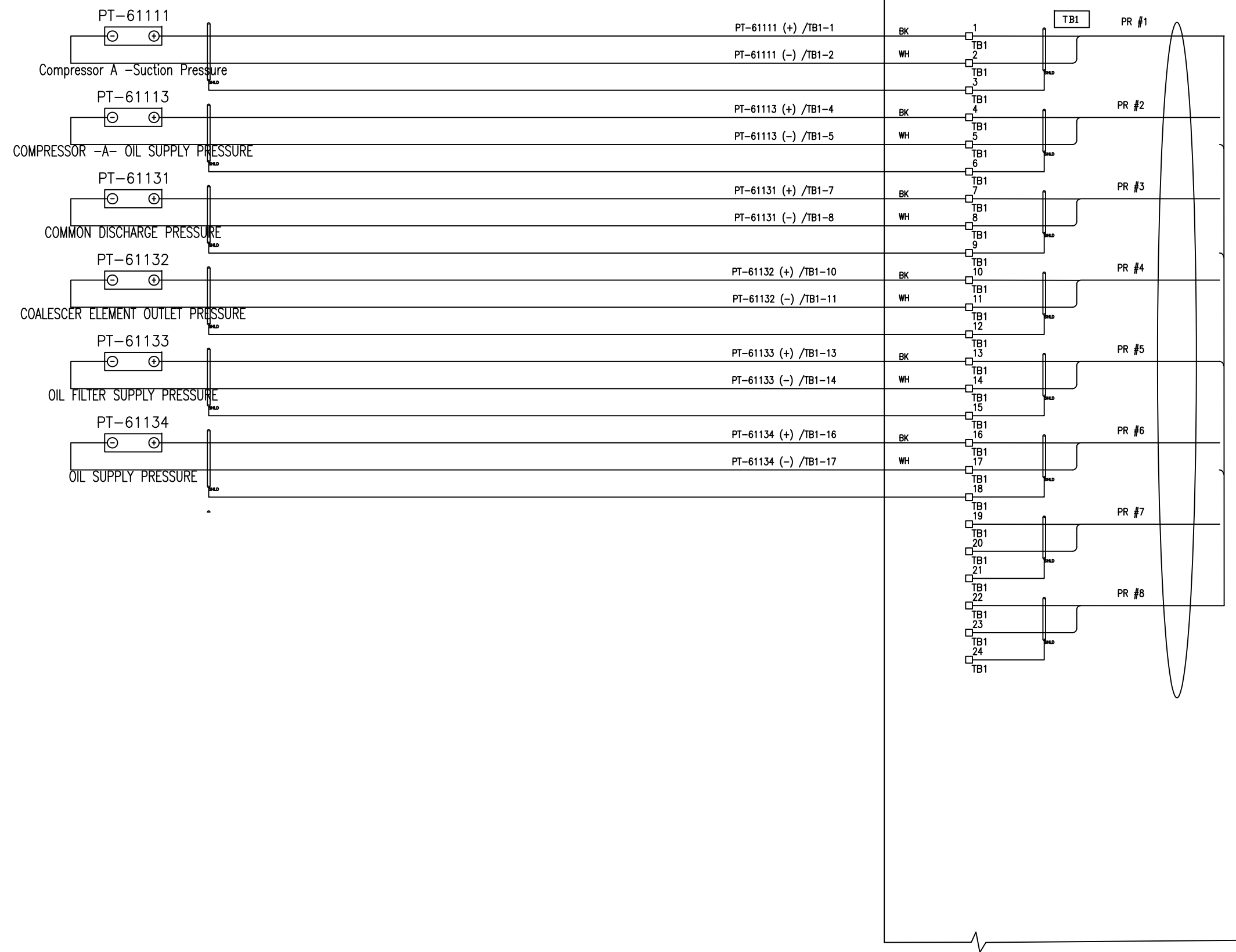
01	14.Feb.26	IFA	R.G	F.T	A.M
00	12.Jan.26	IFA	R.G	F.T	A.M
REV.	DATE	Purpose of Issue	Prepared	Checked	Approved

Gachsan 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	01	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/BUE
- 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 change 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-issued under the status of "To Be Released". All corrected documents shall be resubmitted before starting the Manufacturing Process.
Code4	<input type="checkbox"/> Not Assented (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 (NBB)" Documents has been submitted for PURCHASER's Release (R). Containing completion and acceptance 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

01	14.Feb.26	IFA	R.G	F.T	AM
00	12.Jan.26	IFA	R.G	F.T	AM
REV.	DATE	Purpose of Issue	Prepared	Checked	Approved



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

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

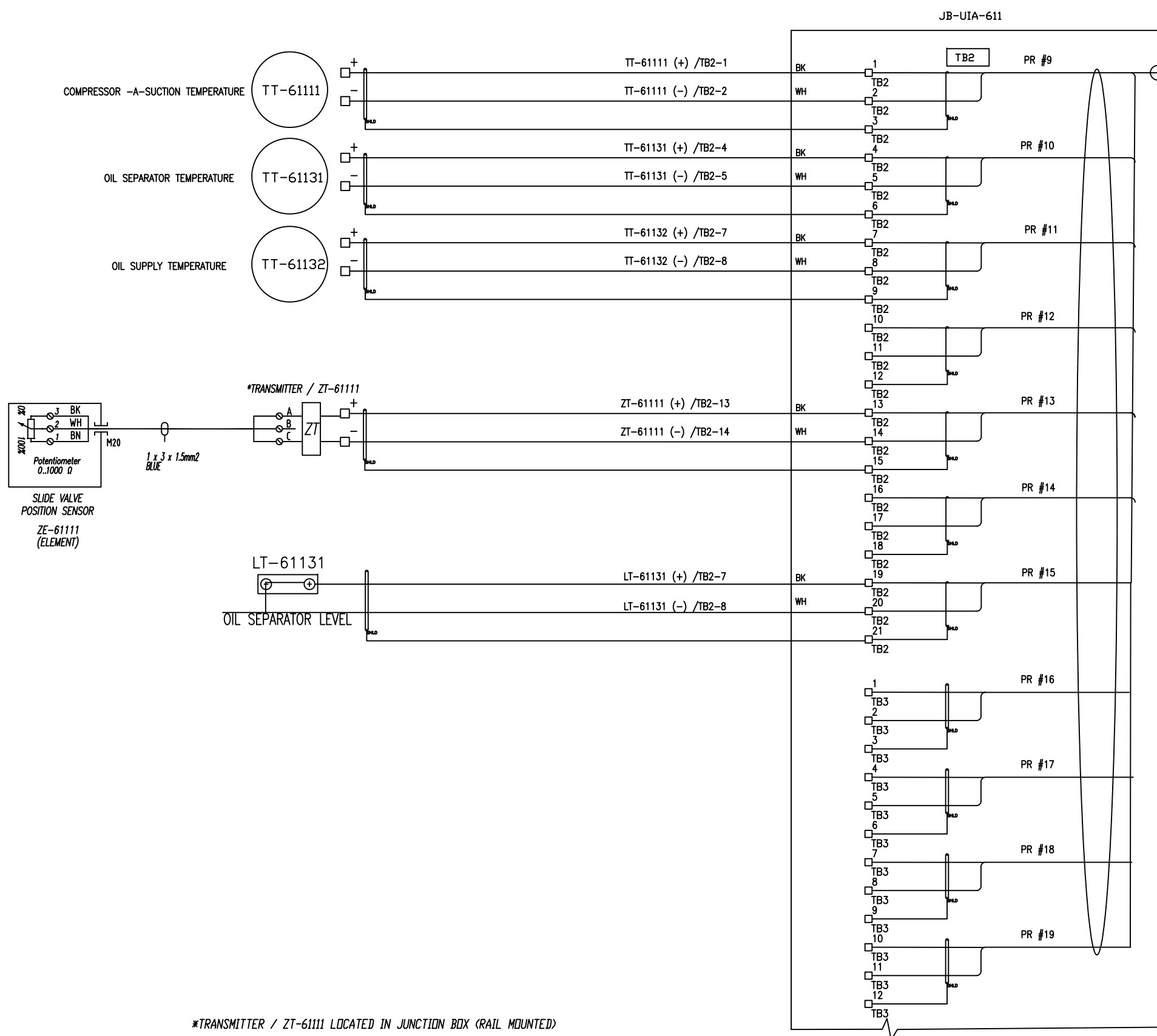
DRAWING TITLE:
LCP and Junction Box Layout, Arrangement and Wiring Drawing

DRAWING NO.	REV.	SHEET NO.	SIZE
VD-GPIC-MA-3029-3029-0046	01	6 OF 14	A3

19P X 1 MM² WIRES, FRT-19PX1 MM2
 SCR/DSCR/SWA/IS/BLUE (300/500) (BY
 CLIENT)

FROM JB-UIA-611 TO UCP-6101
 (IC-UIA-611)

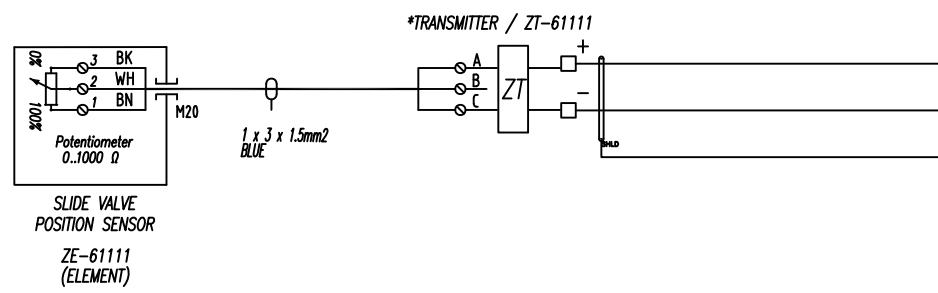
INTERFACE CABLE GLAND
 (M40)



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



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

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 commented 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-quantity the contents of the document according to the comments/reasons for rejection. All commented 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). Containing 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 related agreement in writing.

DATE :
 DEPT :
 Signature :

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

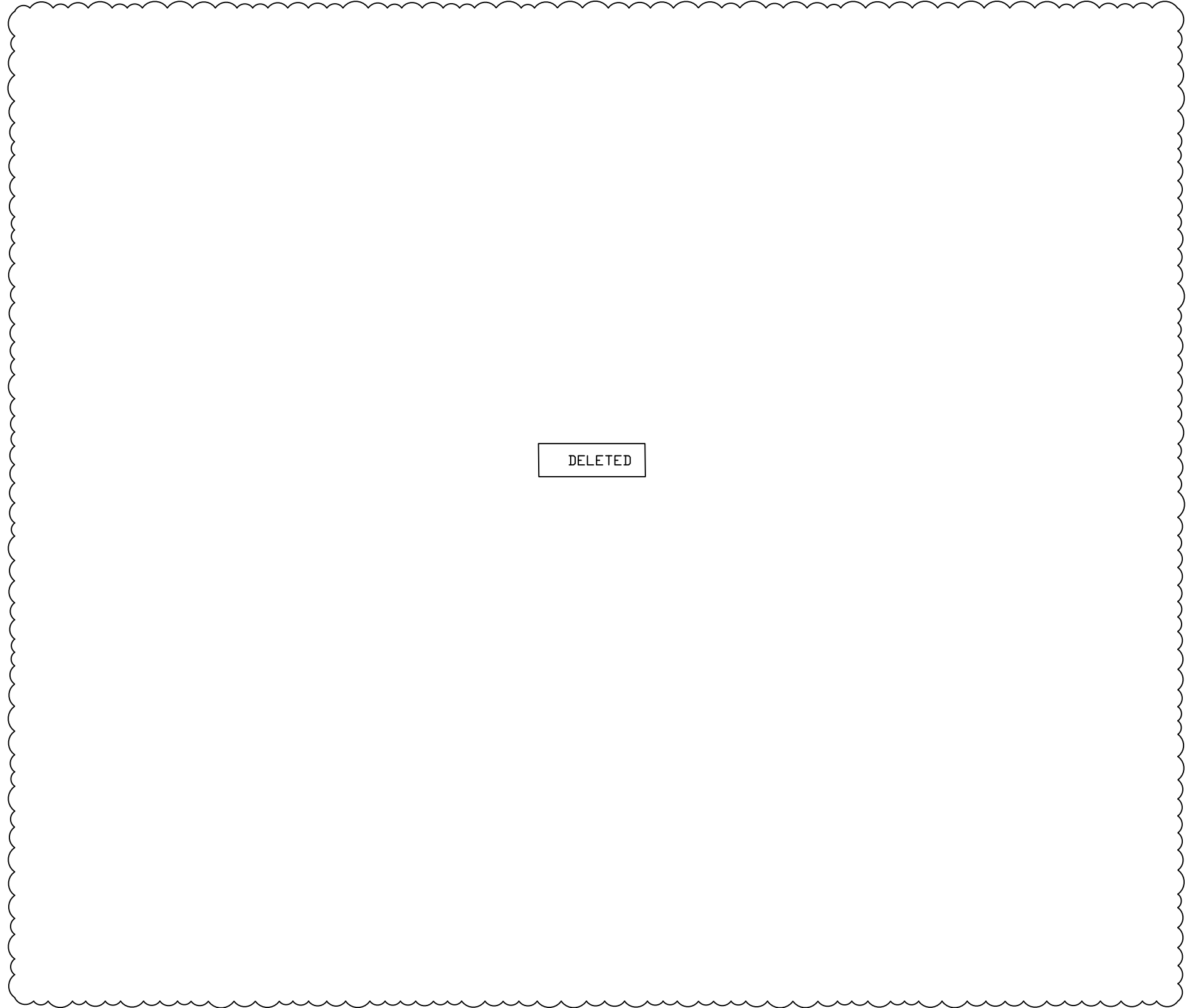
01	14.Feb.26	IFA	R.G	F.T	AM
00	12.Jan.26	IFA	R.G	F.T	AM
REV.	DATE	Purpose of Issue	Prepared	Checked	Approved

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	01	7 OF 14	A3



DELETED


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/BUE
- 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



<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>
<input type="checkbox"/>	No Comment/ Approved with hold(s) <small>Vendor/Sub-Contractor shall correct, revise and resubmit the document. The document is released for Manufacturing if changes incorporated.</small>
<input type="checkbox"/>	Commented <small>Vendor/Sub-Contractor shall correct, revise and resubmit the document by the date specified. The document shall be re-issued under the status of "To Be Released". If corrected documents shall be resubmitted before starting the Manufacturing Process</small>
<input type="checkbox"/>	Not Assessed (Rejected) <small>Vendor/Sub-Contractor shall re-work/re-design/re-quantity the contents of the document according to the comments/reasons for rejection. If corrected documents shall be resubmitted before starting the manufacturing. Vendor Sub-Contractor shall not proceed with subsequent work of related supply or manufacturing until receiving Order/Cancel or No Code from PURCHASER. Vendor/Sub-Contractor shall resubmit the document with the same revision within 8 working days after receiving comments</small>
<input type="checkbox"/>	No Code <small>(Only for "For Information" documents and "No Bill BOM") Document has been submitted for PURCHASER's Review (R). Containing completeness and correctness of document content is 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 related agreement in writing.

 DATE :
DEPT :
Signature :

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

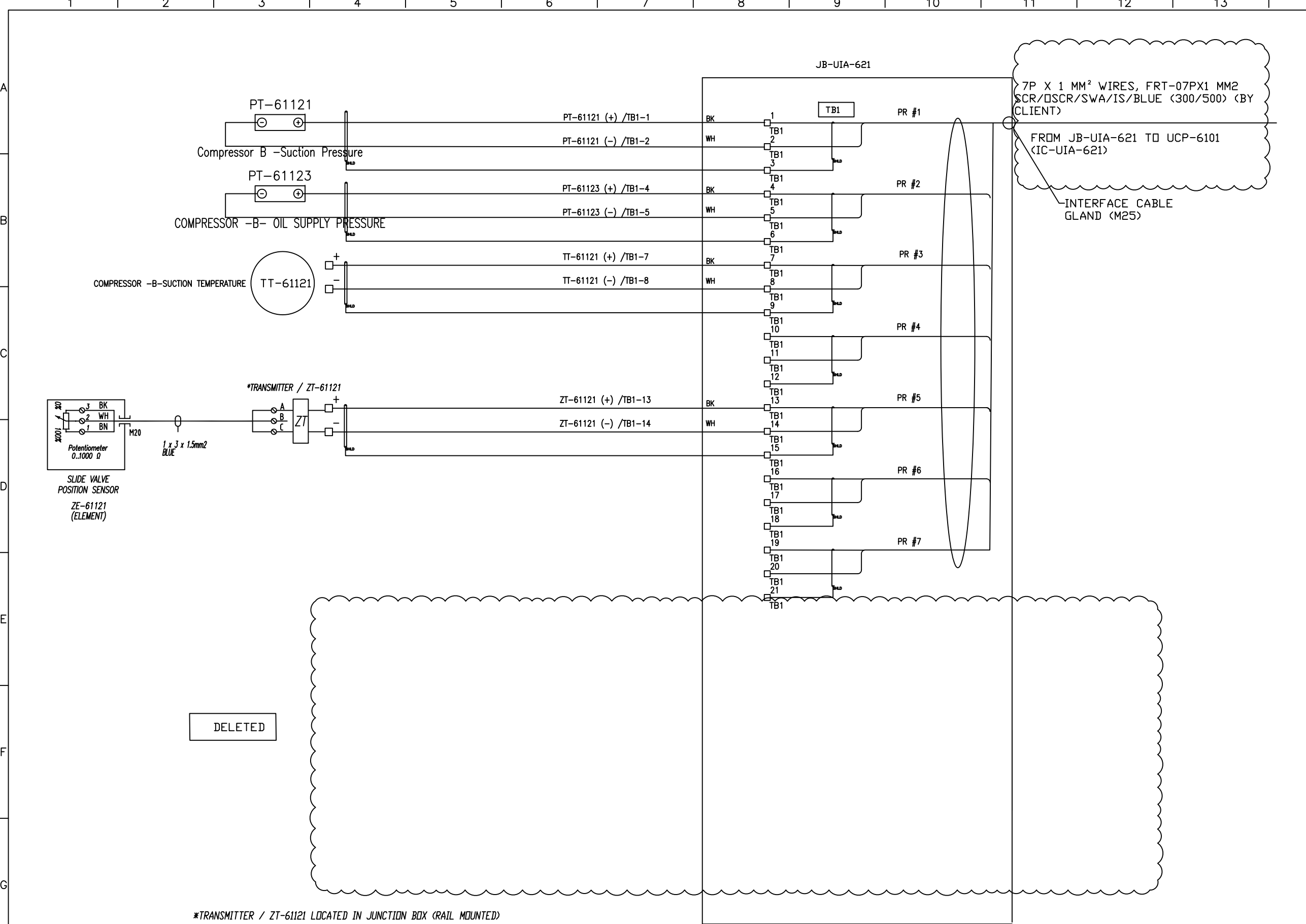
01	14.Feb.26	IFA	R.G	F.T	A.M
00	12.Jan.26	IFA	R.G	F.T	A.M
REV.	DATE (dd.mm.yy)	Purpose of Issue	Prepared	Checked	Approved

  **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	01	8 OF 14	A3



DELETED

*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 : 2.5mm2/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 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 Process. 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 EED shall in no way release Vendor of any liability, obligation and responsibility out of the purchase order and the master agreement in writing.

EIED

DATE :
DEPT :
Signature :

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

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

GPI Gachsaran Polymer Industries Company

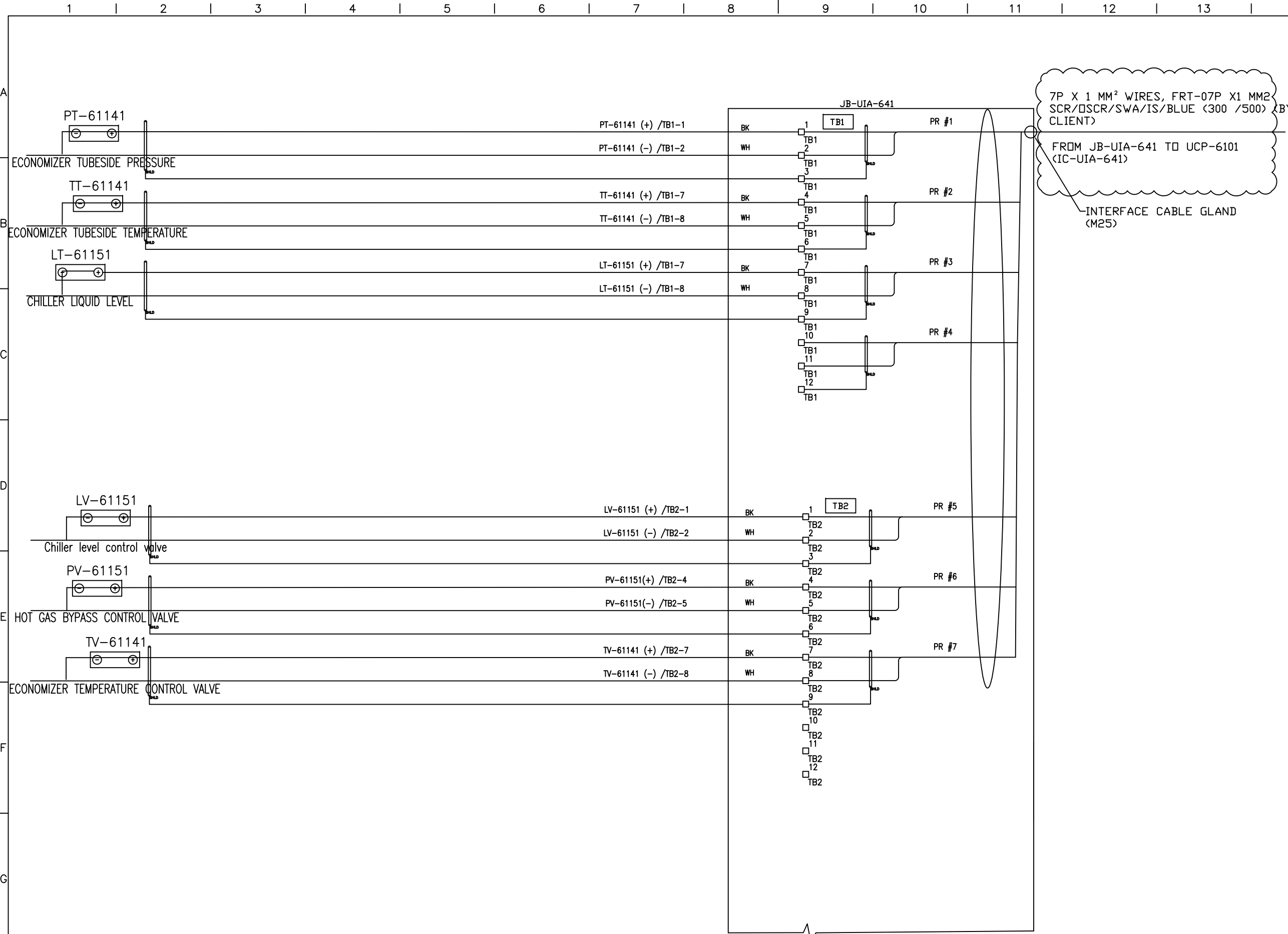
Gachsaran Polymer Industries Company
HDPE Plant

CONTRACT NO.: GPI-CO-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	01	9 OF 14	A3



NOTE

JUNCTION BOX SPECIFICATION:

- EX PROTECTION : II 2G Ex e IB 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

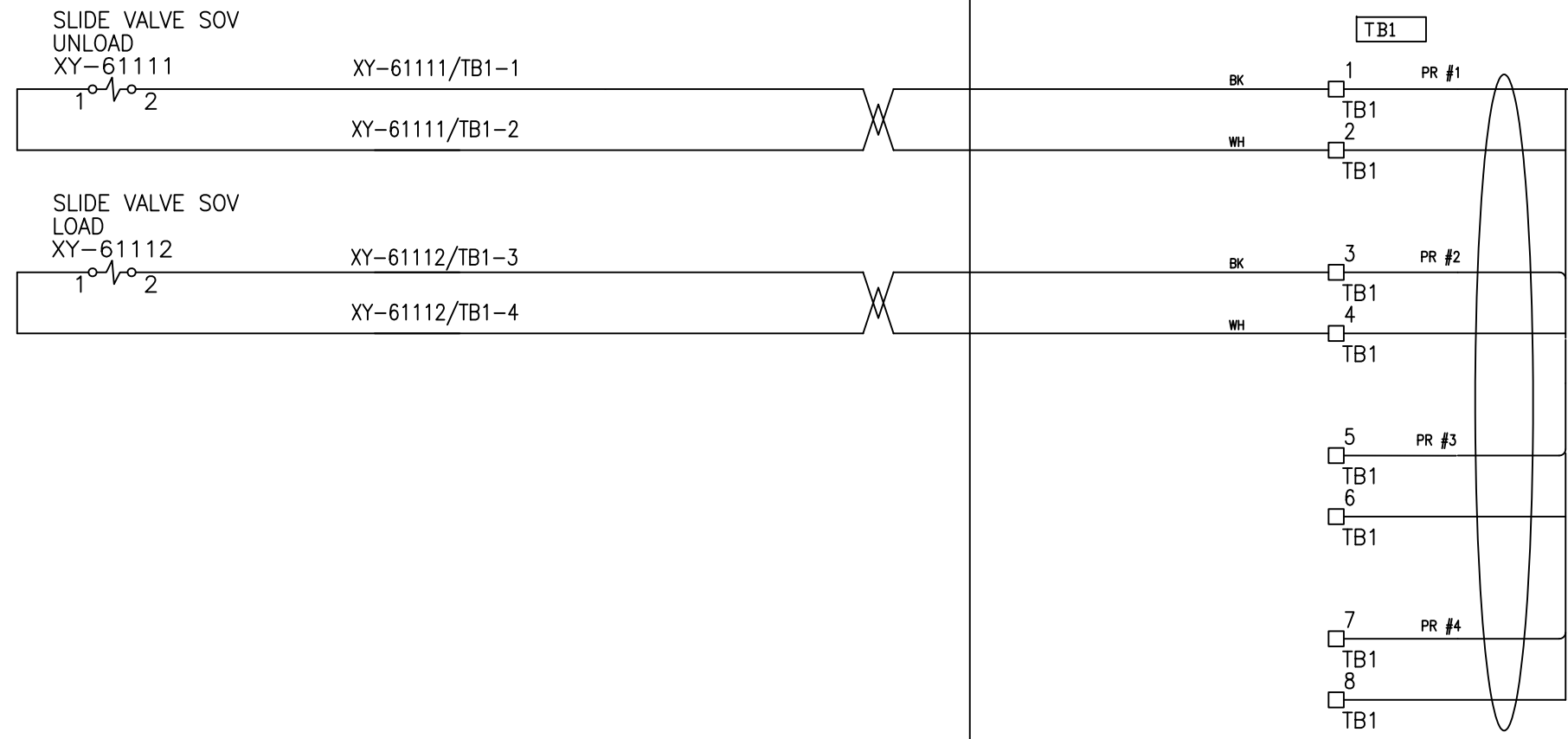
Code1	<input type="checkbox"/> No Comment/ Approved (Applicable Only for "FOR REVIEW" and "For Approval" Documents) No comment and the document are released for manufacturing.
Code2	<input type="checkbox"/> No Comment/ Approved with Note(s) Vendor/Sub-Contractor shall correct, revise and resubmit the 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 Revised Issue". All corrected documents shall be resubmitted before starting the Manufacturing Process.
Code4	<input type="checkbox"/> Not Accepted (Rejected) Vendor/Sub-Contractor shall re-manufacture/re-verify the contents of the document, according to the drawings/requirements/ specifications and resubmit the document. Vendor/Sub-Contractor shall not proceed with subsequent work of Material Supply or Manufacturing until reaching Code1/Code2 or its Code from PURCHASER. 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 "As Built (EHS) Documents" has been submitted for PURCHASER's Information (PI). Containing comments and corrections of document content is in 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 material agreement in writing.

EIED		DATE :
		REP :
		Signature :
OV	PI	EL
BY	BU	SA

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. VD-GPIC-MA-3029-3029-0046					REV. SHEET NO. SIZE 01 10 OF 14 A3

JB-UEV-612



4P X 2.5 MM² 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 : IP 20 Ex e IB 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 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 Revised Issue". 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 content 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 reaching Code1/Code2 or its Code from PURCHASER. Vendor/Sub-Contractor shall resubmit the document with the same within 8 working days after reaching comments.
No Code	<input type="checkbox"/> No Code (Only for "For Information" Documents and "As Built ERM") Document has been submitted for PURCHASER'S Information (PI). Containing, omissions and corrections of document content is in 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.

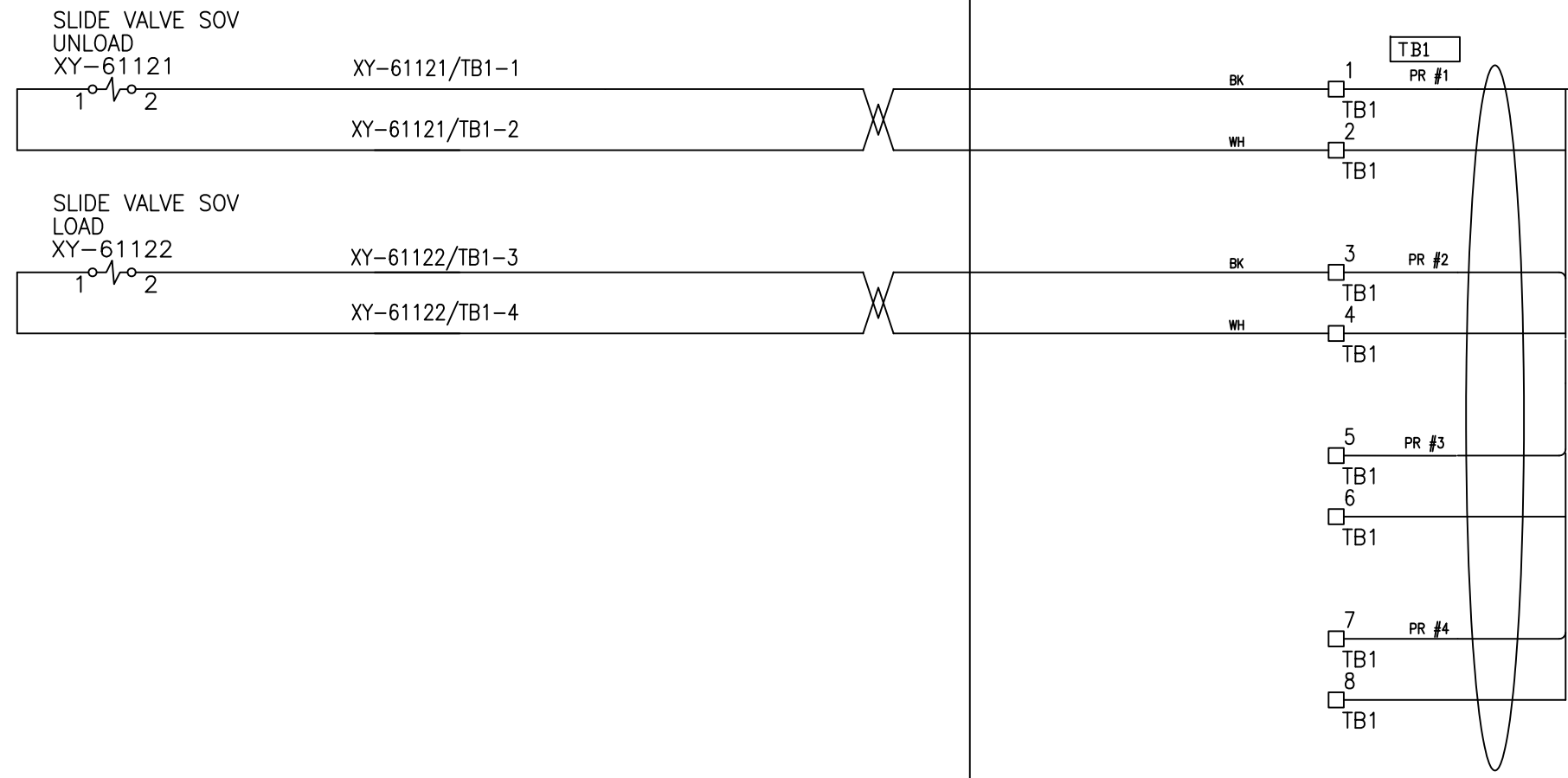
EIED

DATE :
REV:
Signature :

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

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			
PO No.: GPIC-PT-MA-PO-000-3029		CONTRACT NO.: GPI-CON-99-008			SCALE: 1:1
DRAWING TITLE: LCP and Junction Box Layout, Arrangement and Wiring Drawing					
DRAWING NO. VD-GPIC-MA-3029-3029-0046					REV. SHEET NO. SIZE 01 11 OF 14 A3

JB-UEV-622



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

FROM JB-UEV-622 TO UCP-6101
(IC-UEV-622)

INTERFACE CABLE GLAND
(M32)

NOTE

- JUNCTION BOX SPECIFICATION:**
- EX PROTECTION : I 2G Ex e IB 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 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 Revised Issue". 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 content 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 reaching Code1/Code2 or its Code from PMS/Client. Vendor/Sub-Contractor shall resubmit the document with the same within 8 working days after receiving comments.
No Code	<input type="checkbox"/> No Code (Only for "For Information" Documents and "As Built 3D/2D") Document has been submitted for PMS/Client's Information (PI). Containing, omissions and corrections of document content is in 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.

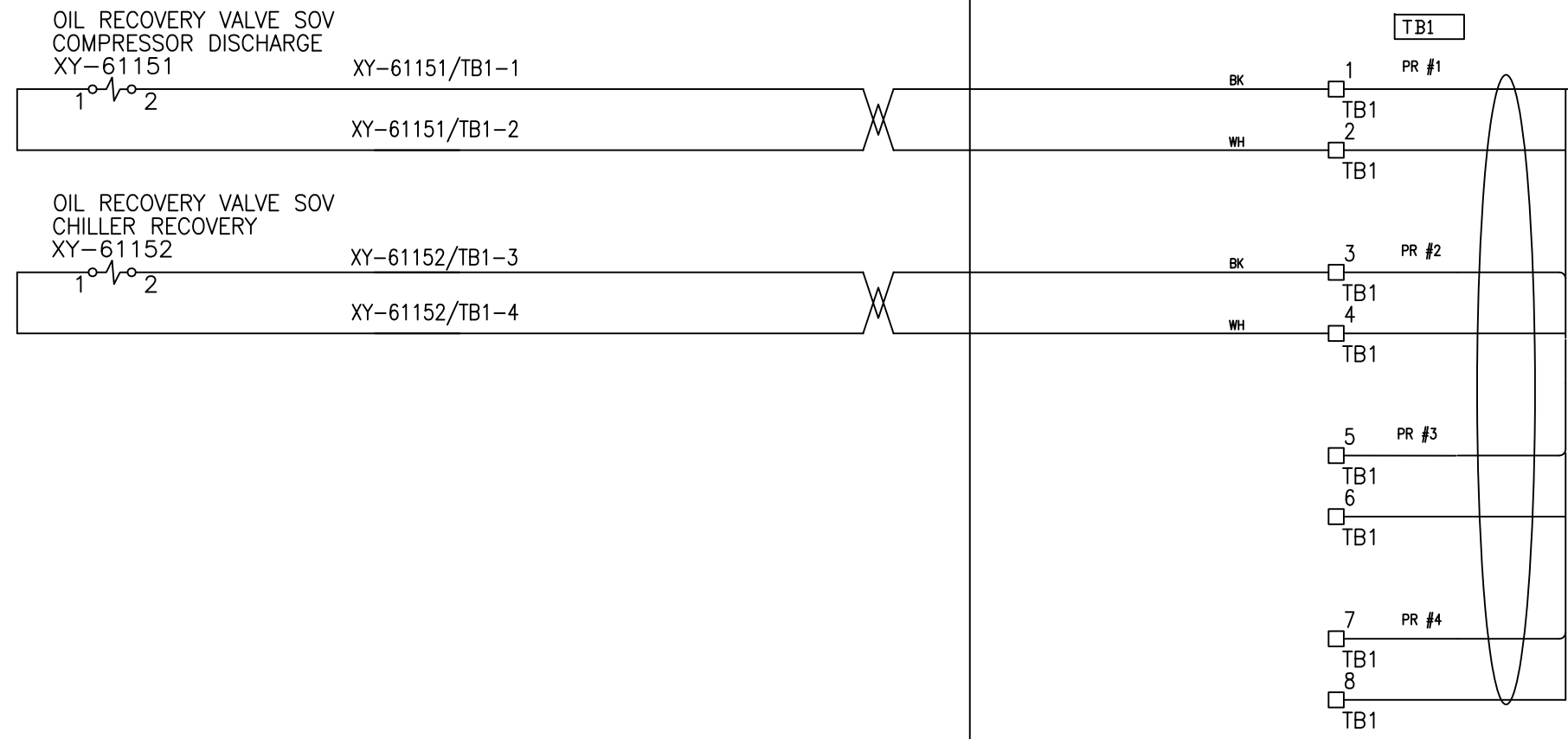
EIED

DATE :
REP:
Signature :

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

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			
PO No.: GPIC-PT-MA-PO-000-3029		CONTRACT NO.: GPI-CON-99-008			SCALE: 1:1
DRAWING TITLE: LCP and Junction Box Layout, Arrangement and Wiring Drawing					
DRAWING NO. VD-GPIC-MA-3029-3029-0046					REV. SHEET NO. SIZE 01 12 OF 14 A3

JB-UEV-652



4P X 2.5 MM² 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:**
- EX PROTECTION : I 2G Ex e IB 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

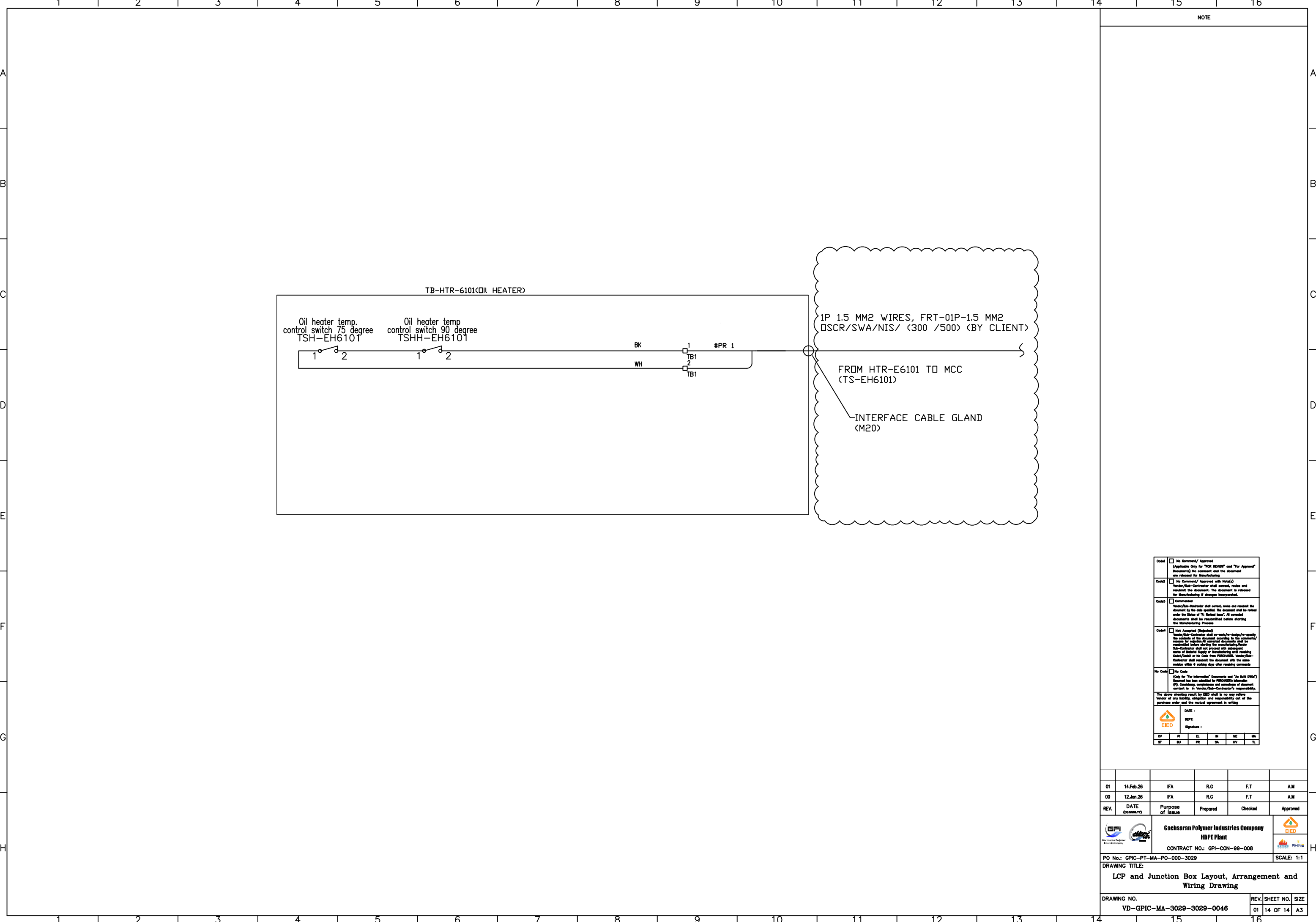
Code1	<input type="checkbox"/> No Comment/ Approved (Applicable Only for "FOR REVIEW" and "For Approval" Documents) No comment and the document are released for manufacturing.
Code2	<input type="checkbox"/> No Comment/ Approved with Note(s) Vendor/Sub-Contractor shall correct, revise and resubmit the 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 Revised Issue". 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 content 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 reaching Code1/Code2 or its Code from PMS/Client. Vendor/Sub-Contractor shall resubmit the document with the same within 8 working days after receiving comments.
No Code	<input type="checkbox"/> No Code (Only for "For Information" Documents and "In Bill 9999") Document has been submitted for PMS/Client's Information (PI). Containing comments and corrections of document content is in 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.

EIED DATE: _____
 EPP: _____
 Signature: _____

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

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			
PO No.: GPIC-PT-MA-PO-000-3029		CONTRACT NO.: GPI-CON-99-008			SCALE: 1:1
DRAWING TITLE: LCP and Junction Box Layout, Arrangement and Wiring Drawing					
DRAWING NO. VD-GPIC-MA-3029-3029-0046					REV. SHEET NO. SIZE 01 13 OF 14 A3



NOTE

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 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-qualify 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 Code4/Code5 or No Code from PMS/SEER. 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/SEER'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 relieve Vendor of any liability, obligation and responsibility out of the purchase order and the master agreement in writing.				
<p>DATE : _____</p> <p>DEPT : _____</p> <p>SIGNATURE : _____</p>					
OV	PI	EL	IN	ME	MA
BT	SU	PR	SA	MY	TL

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. VD-GPIC-MA-3029-3029-0046				REV. 01	SHEET NO. 14 OF 14
				SIZE A3	