

REFERENCE DRAWING	DWG NO.	REV.

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THERMOCP PL 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) RATED AND ENCLOSURE MATERIAL IS STAINLESS STEEL.
  - MULTI CORE/PAIR CABLE GLANDS BY OTHERS.
  - DUE TO SPACE LIMITATION, ALL CABLE ENTRIES ARE FROM BOTTOM
  - SEPARATION PLATE BETWEEN ANALOG, DIGITAL & POWER CABLES IS REQUIRED.

KEY PLAN :


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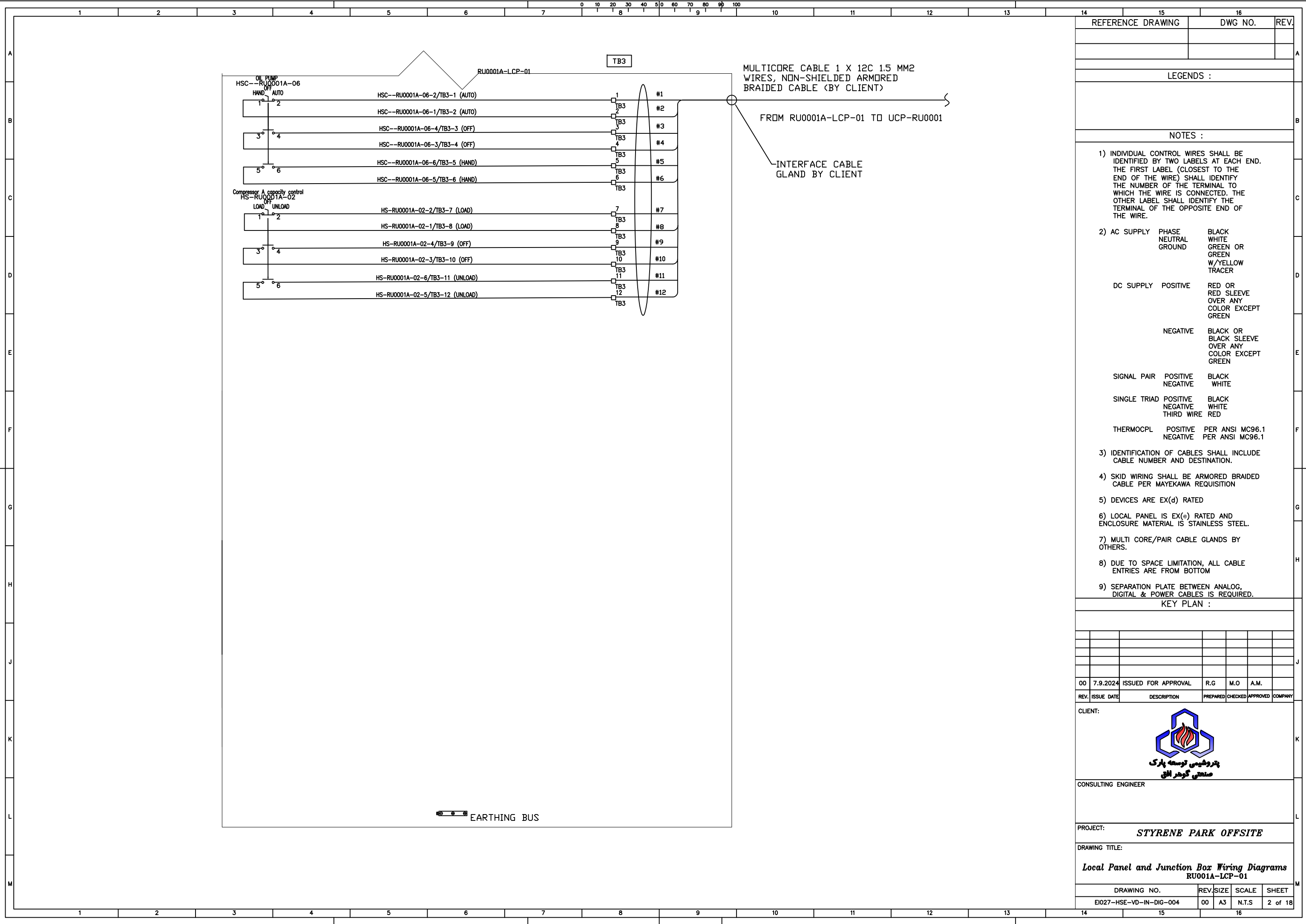


CONSULTING ENGINEER

PROJECT: **STYRENE PARK OFFSITE**

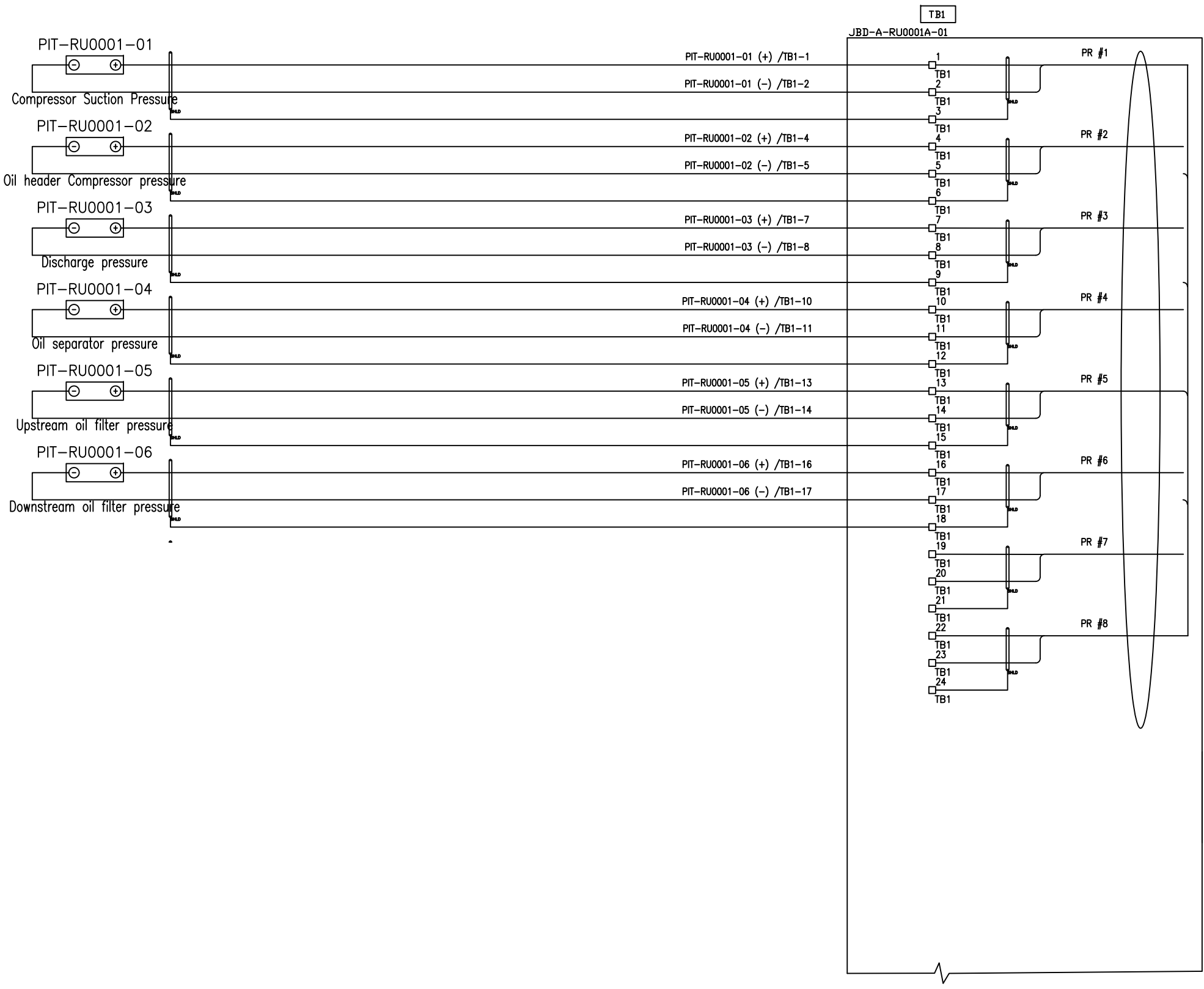
DRAWING TITLE: **Local Panel and Junction Box Wiring Diagrams RU0001A-LCP-01**

DRAWING NO.	REV.	SCALE	SHEET
EI027-HSE-VD-IN-DIG-004	00	A3 N.T.S	1 of 18



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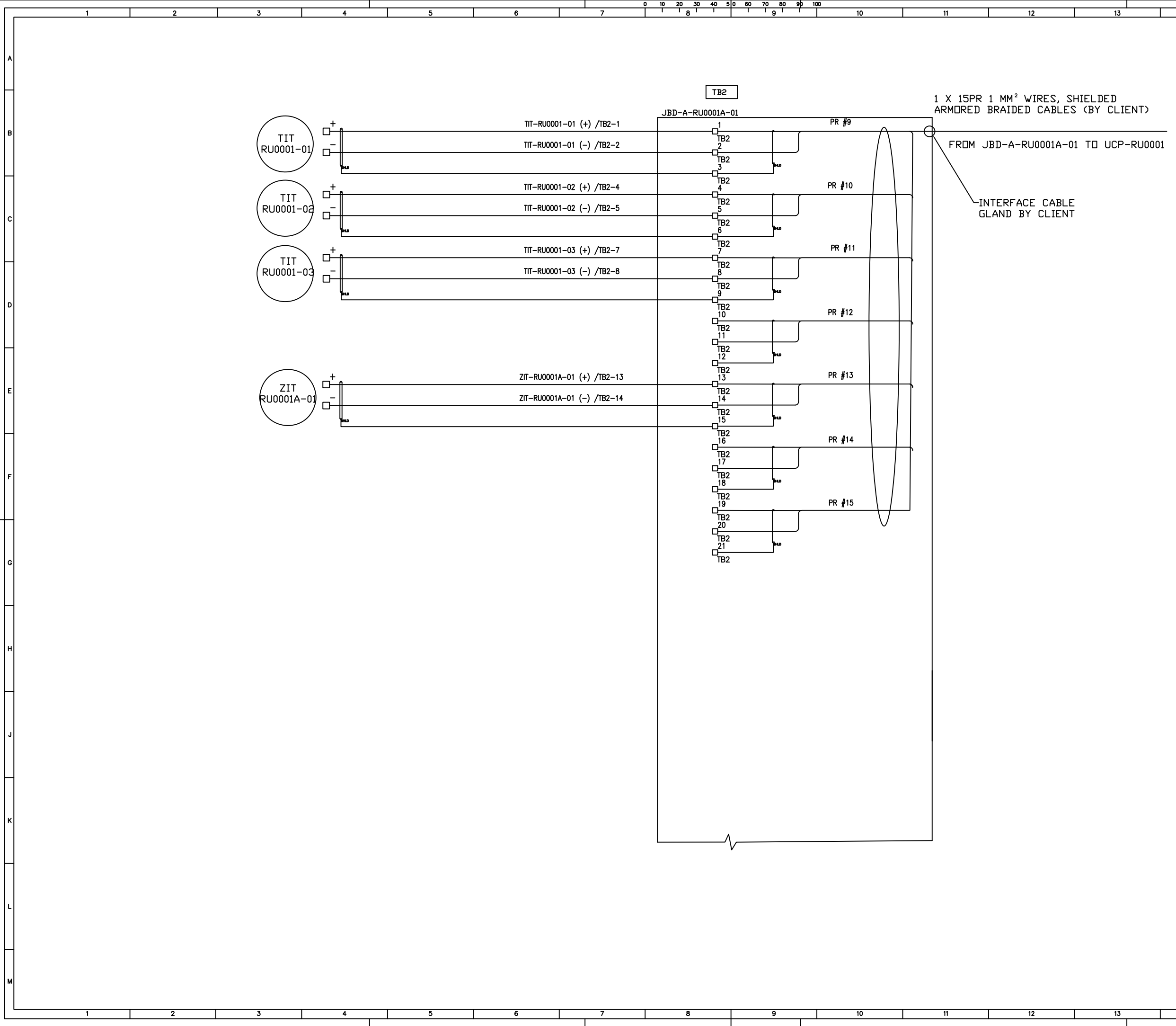


CONSULTING ENGINEER

PROJECT: **STYRENE PARK OFFSITE**

DRAWING TITLE: **Local Panel and Junction Box Wiring Diagrams**  
**JBD-A-RU0001A-01**

DRAWING NO.	REV.	SIZE	SCALE	SHEET
EI027-HSE-VD-IN-DIG-004	00	A3	N.T.S	4 of 18



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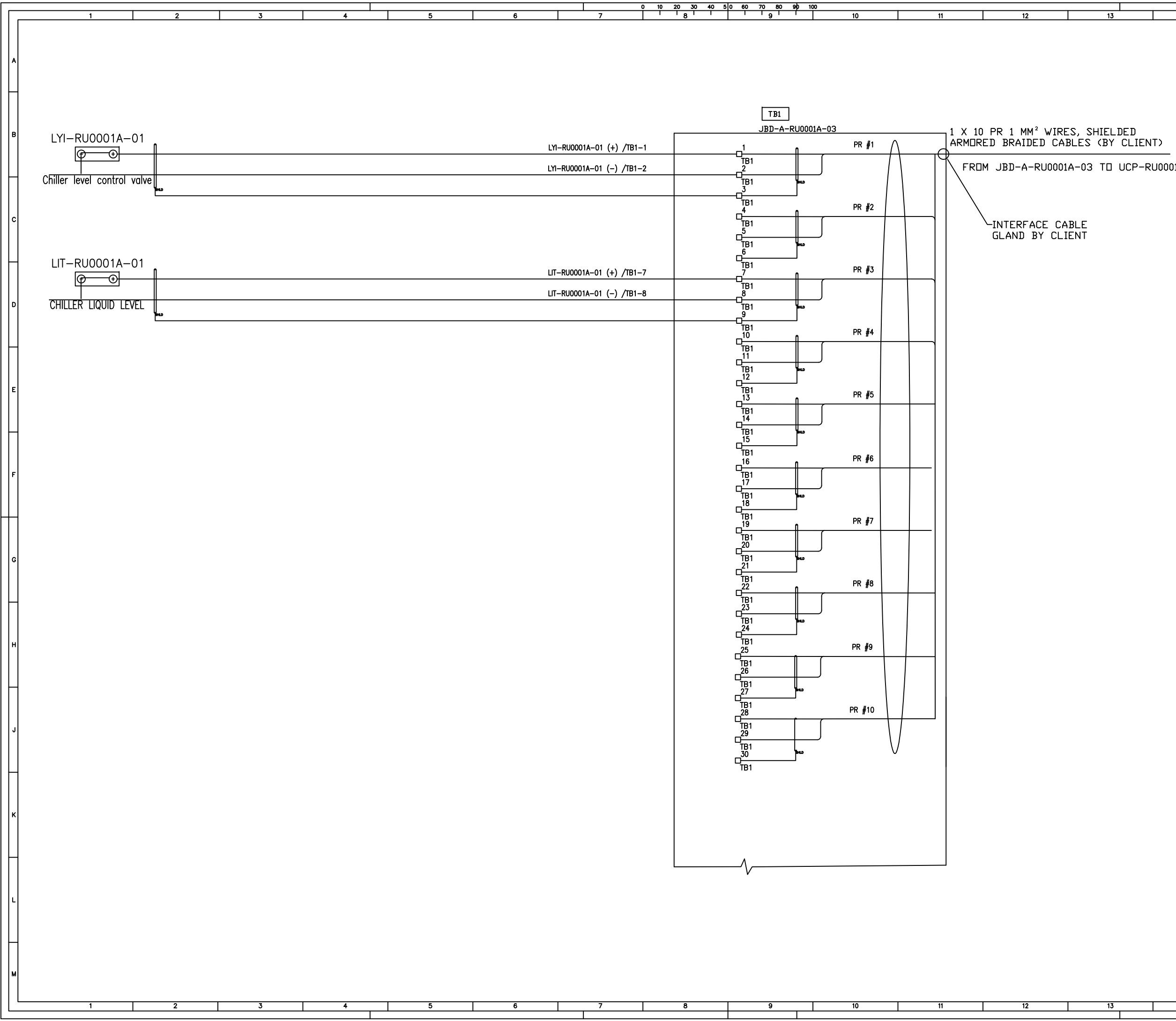


CONSULTING ENGINEER

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DRAWING TITLE:  
**Local Panel and Junction Box Wiring Diagrams  
JBD-A-RU0001A-01**

DRAWING NO.	REV.	SCALE	SHEET
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NEGATIVE	WHITE

SINGLE TRIAD POSITIVE	BLACK
NEGATIVE	WHITE
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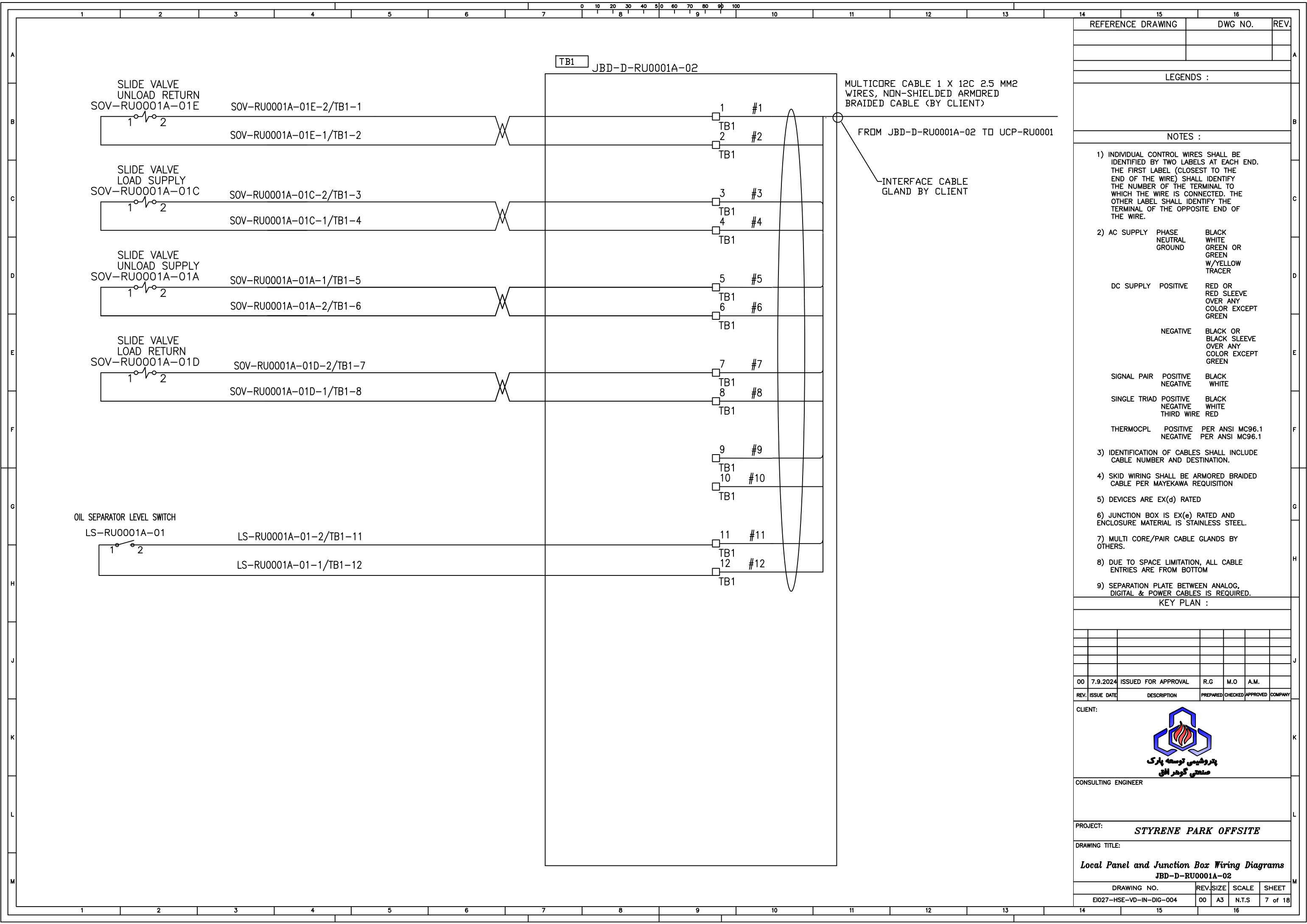
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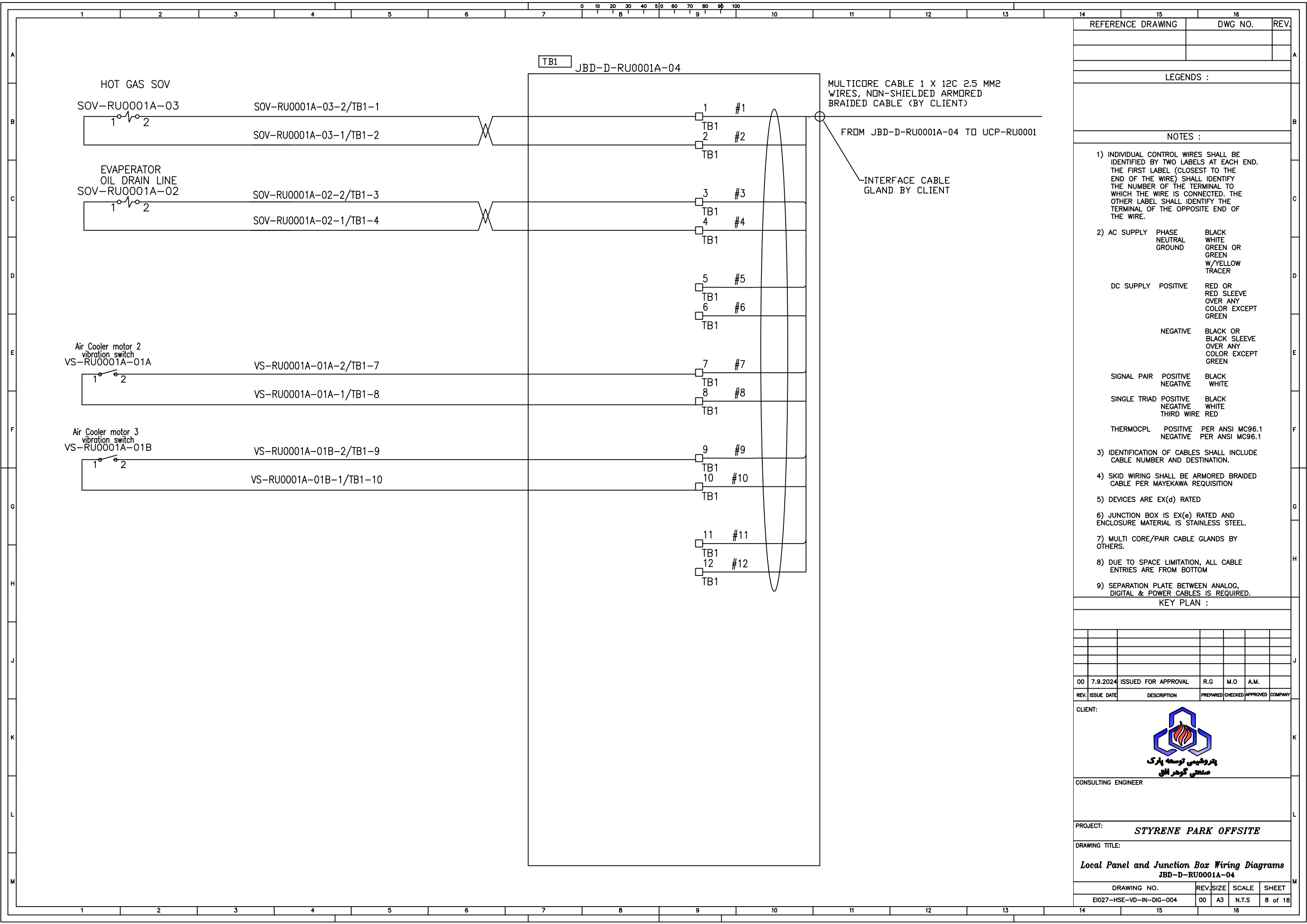
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DRAWING TITLE: **Local Panel and Junction Box Wiring Diagrams**  
**JBD-A-RU0001A-03**

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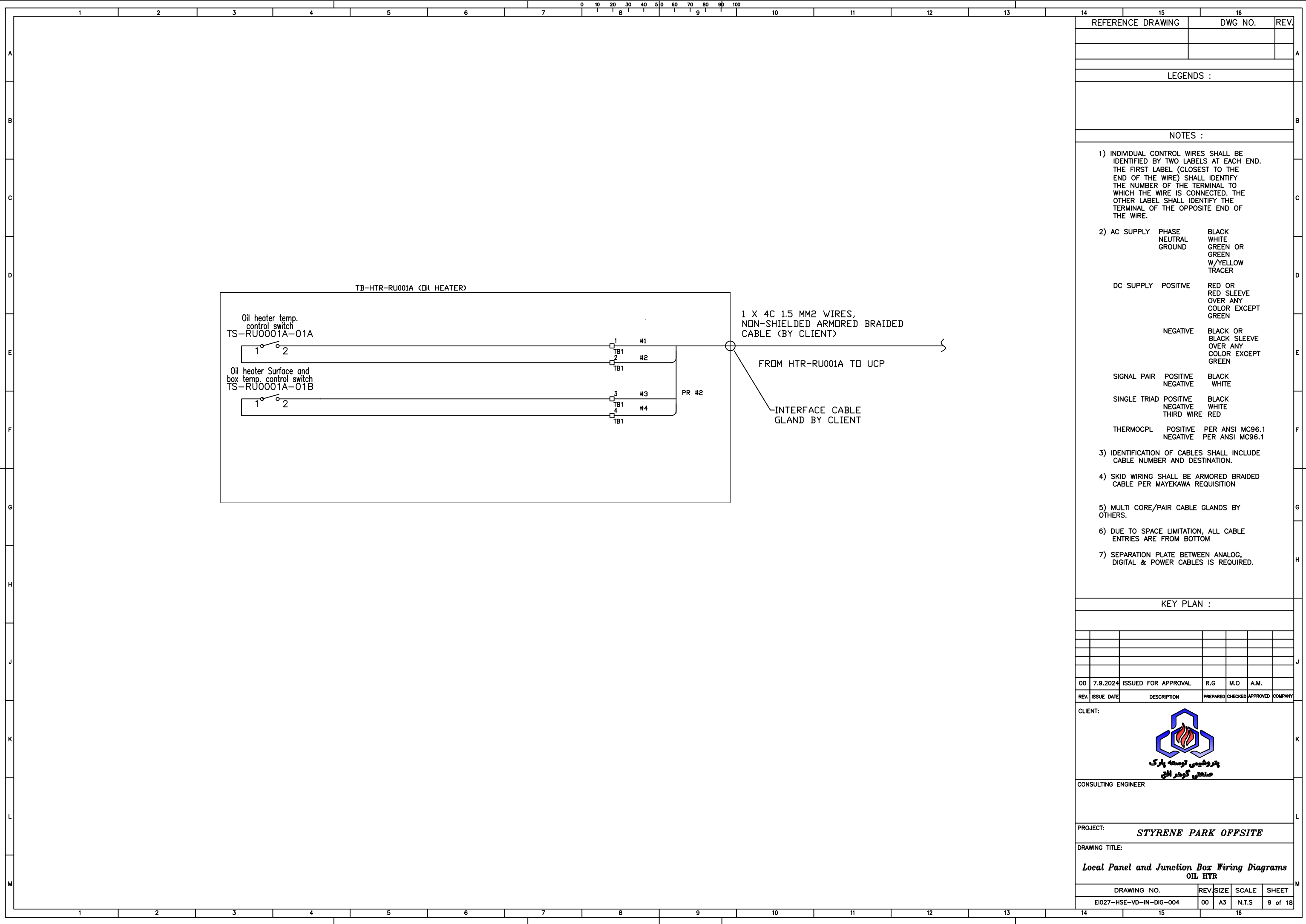
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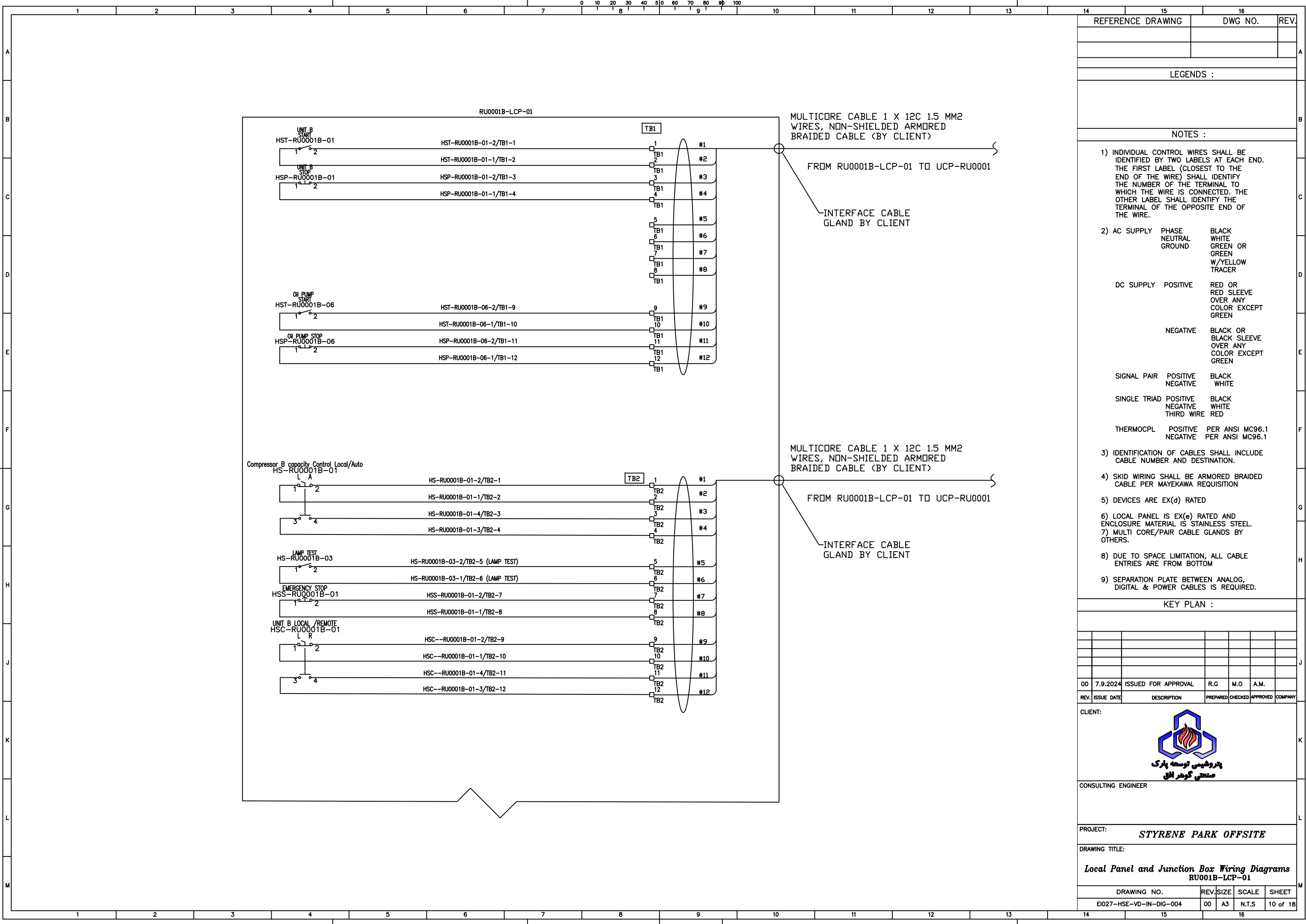
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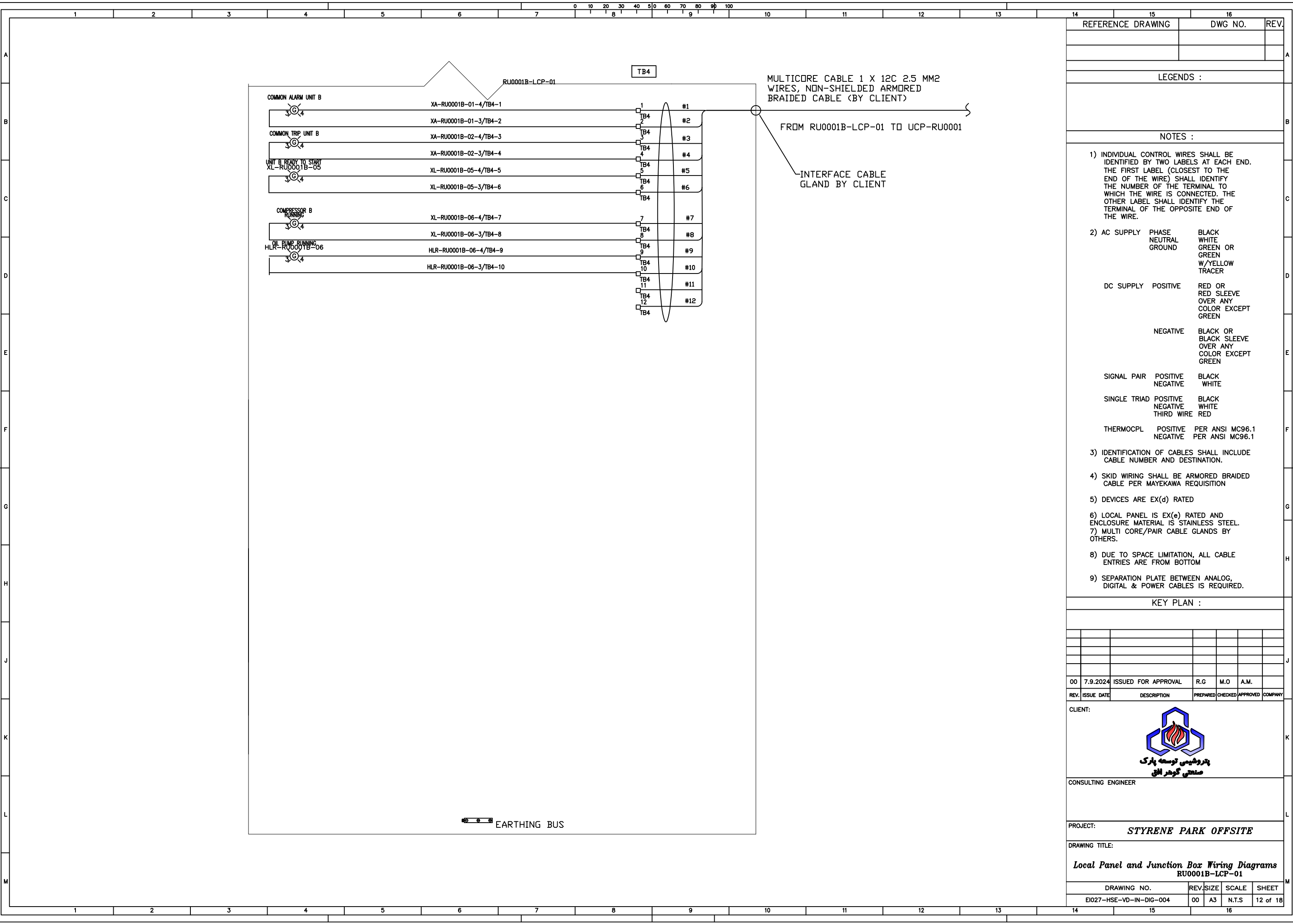



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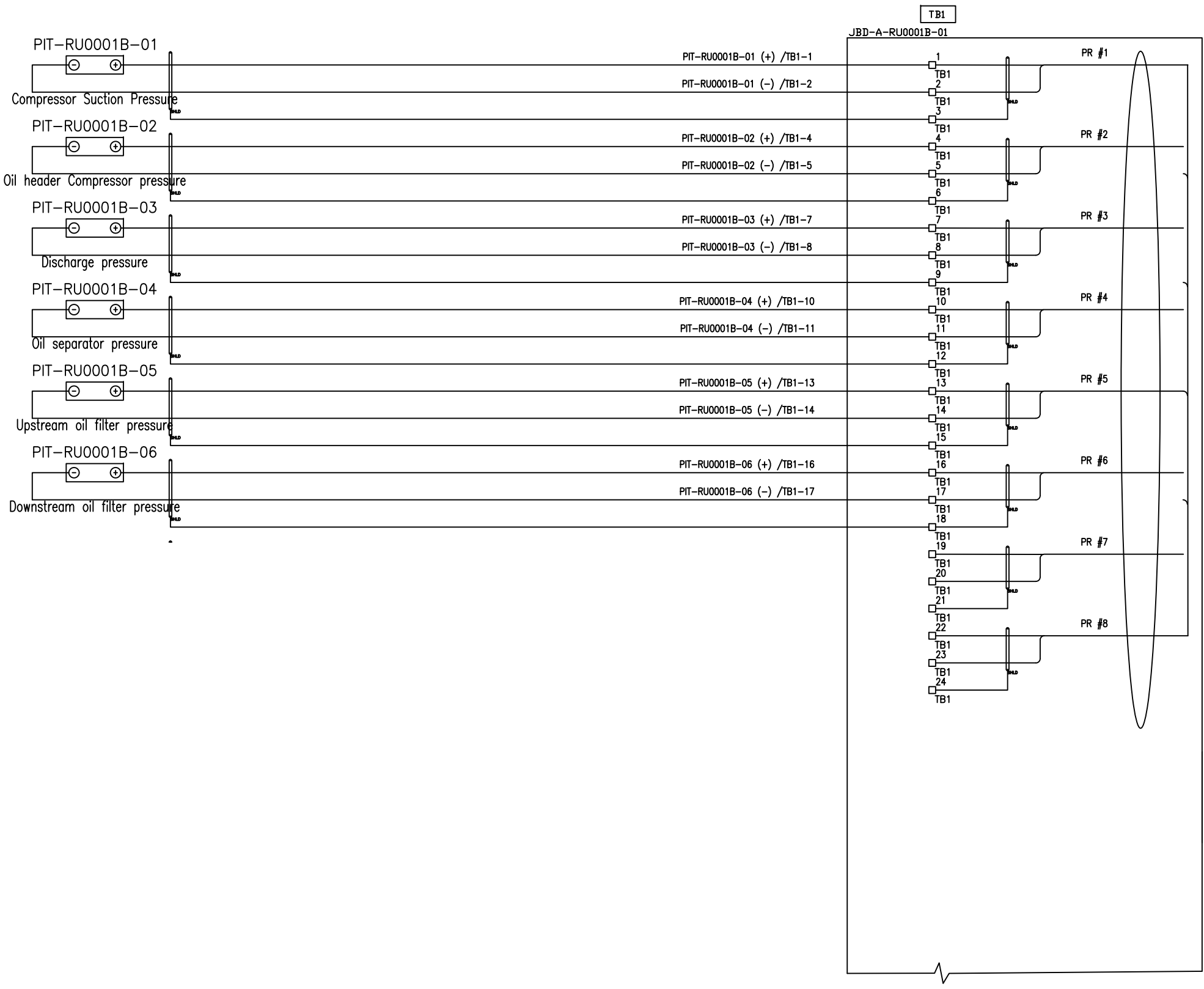
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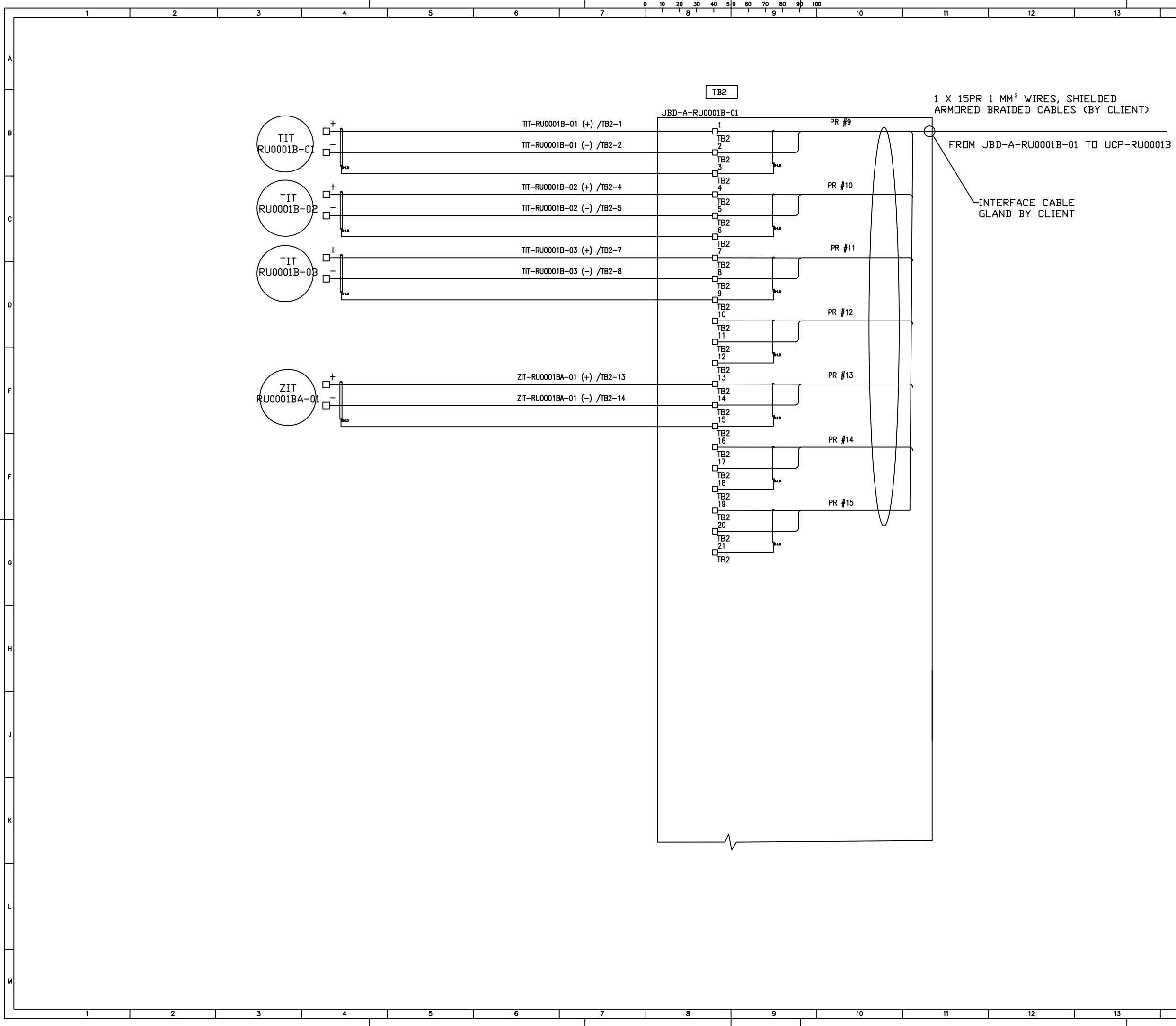
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  - SINGLE TRIAD POSITIVE BLACK NEGATIVE WHITE THIRD WIRE RED
  - THERMOCP L POSITIVE PER ANSI MC96.1 NEGATIVE PER ANSI MC96.1
  - IDENTIFICATION OF CABLES SHALL INCLUDE CABLE NUMBER AND DESTINATION.
  - SKID WIRING SHALL BE ARMORED BRAIDED CABLE PER MAYEKAWA REQUISITION
  - DEVICES ARE EX(i)a RATED
  - JUNCTION BOX IS EX(e) RATED AND ENCLOSURE MATERIAL IS STAINLESS STEEL.
  - MULTI CORE/PAIR CABLE GLANDS BY OTHERS.
  - DUE TO SPACE LIMITATION, ALL CABLE ENTRIES ARE FROM BOTTOM
  - SEPARATION PLATE BETWEEN ANALOG, DIGITAL & POWER CABLES IS REQUIRED.

KEY PLAN :


00	7.9.2024	ISSUED FOR APPROVAL	R.G	M.O	A.M.	
REV.	ISSUE DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED	COMPANY

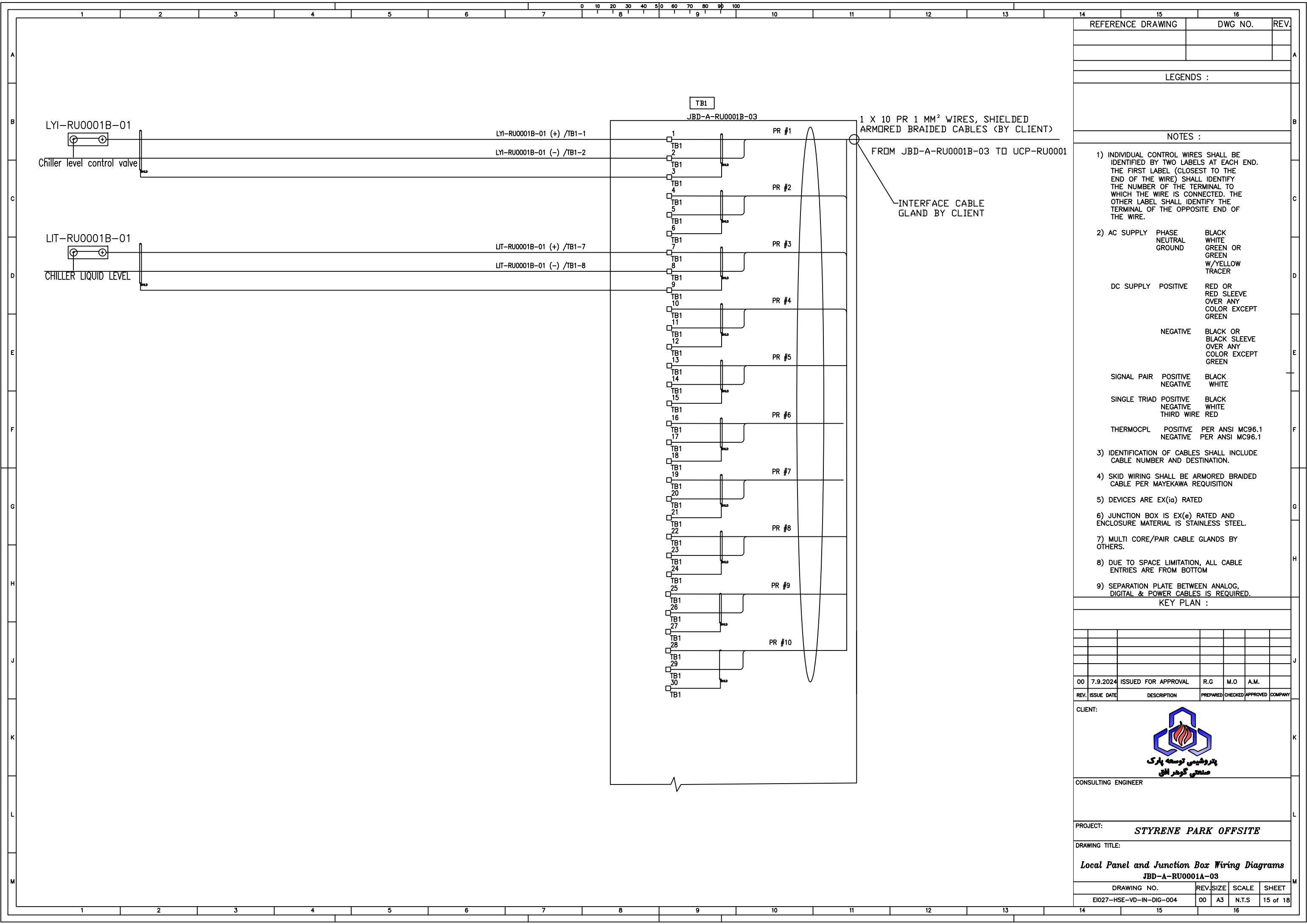


CONSULTING ENGINEER

PROJECT: **STYRENE PARK OFFSITE**

DRAWING TITLE:  
**Local Panel and Junction Box Wiring Diagrams  
JBD-A-RU0001A-01**

DRAWING NO.	REV.	SIZE	SCALE	SHEET
EI027-HSE-VD-IN-DIG-004	00	A3	N.T.S	14 of 18



REFERENCE DRAWING	DWG NO.	REV.

LEGENDS :

NOTES :

- 1) 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.
- 2) 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

THERMOPL POSITIVE	PER ANSI MC96.1
NEGATIVE	PER ANSI MC96.1
- 3) IDENTIFICATION OF CABLES SHALL INCLUDE CABLE NUMBER AND DESTINATION.
- 4) SKID WIRING SHALL BE ARMORED BRAIDED CABLE PER MAYEKAWA REQUISITION
- 5) DEVICES ARE EX(i)a RATED
- 6) JUNCTION BOX IS EX(e) RATED AND ENCLOSURE MATERIAL IS STAINLESS STEEL.
- 7) MULTI CORE/PAIR CABLE GLANDS BY OTHERS.
- 8) DUE TO SPACE LIMITATION, ALL CABLE ENTRIES ARE FROM BOTTOM
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KEY PLAN :

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REV.	ISSUE DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED	COMPANY

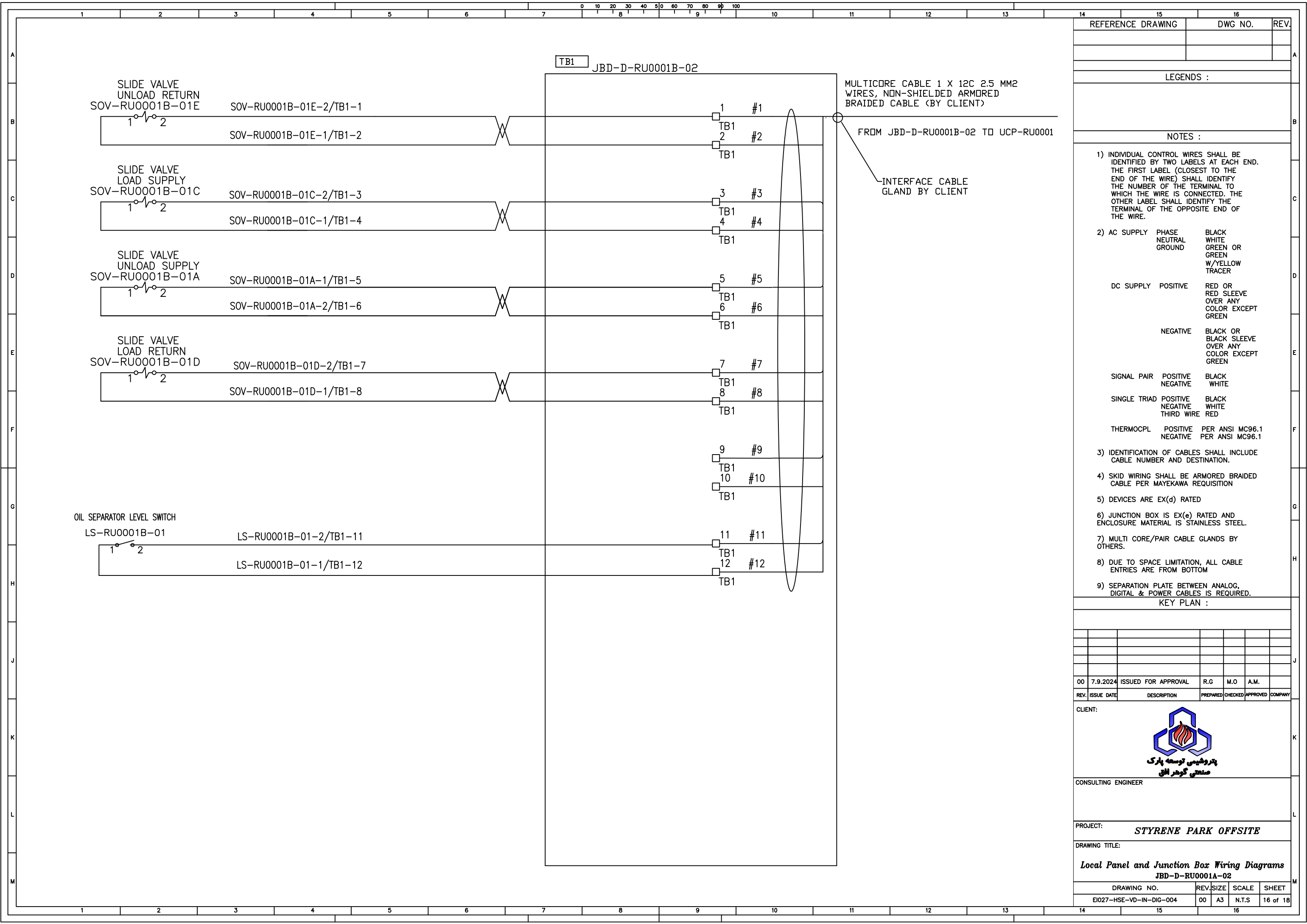
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CONSULTING ENGINEER

PROJECT: **STYRENE PARK OFFSITE**

DRAWING TITLE: **Local Panel and Junction Box Wiring Diagrams**  
**JBD-A-RU0001A-03**

DRAWING NO.	REV.	SIZE	SCALE	SHEET
EI027-HSE-VD-IN-DIG-004	00	A3	N.T.S	15 of 18



15	16	REV.
REFERENCE DRAWING	DWG NO.	
LEGENDS :		
NOTES :		

- 1) 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.
- 2) AC SUPPLY PHASE NEUTRAL GROUND  
 DC SUPPLY POSITIVE  
 NEGATIVE  
 SIGNAL PAIR POSITIVE NEGATIVE  
 SINGLE TRIAD POSITIVE NEGATIVE THIRD WIRE  
 THERMOCP L POSITIVE NEGATIVE
- 3) IDENTIFICATION OF CABLES SHALL INCLUDE CABLE NUMBER AND DESTINATION.
- 4) SKID WIRING SHALL BE ARMORED BRAIDED CABLE PER MAYEKAWA REQUISITION
- 5) DEVICES ARE EX(d) RATED
- 6) JUNCTION BOX IS EX(e) RATED AND ENCLOSURE MATERIAL IS STAINLESS STEEL.
- 7) MULTI CORE/PAIR CABLE GLANDS BY OTHERS.
- 8) DUE TO SPACE LIMITATION, ALL CABLE ENTRIES ARE FROM BOTTOM
- 9) SEPARATION PLATE BETWEEN ANALOG, DIGITAL & POWER CABLES IS REQUIRED.

KEY PLAN :					

00	7.9.2024	ISSUED FOR APPROVAL	R.G	M.O	A.M.	
REV.	ISSUE DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED	COMPANY

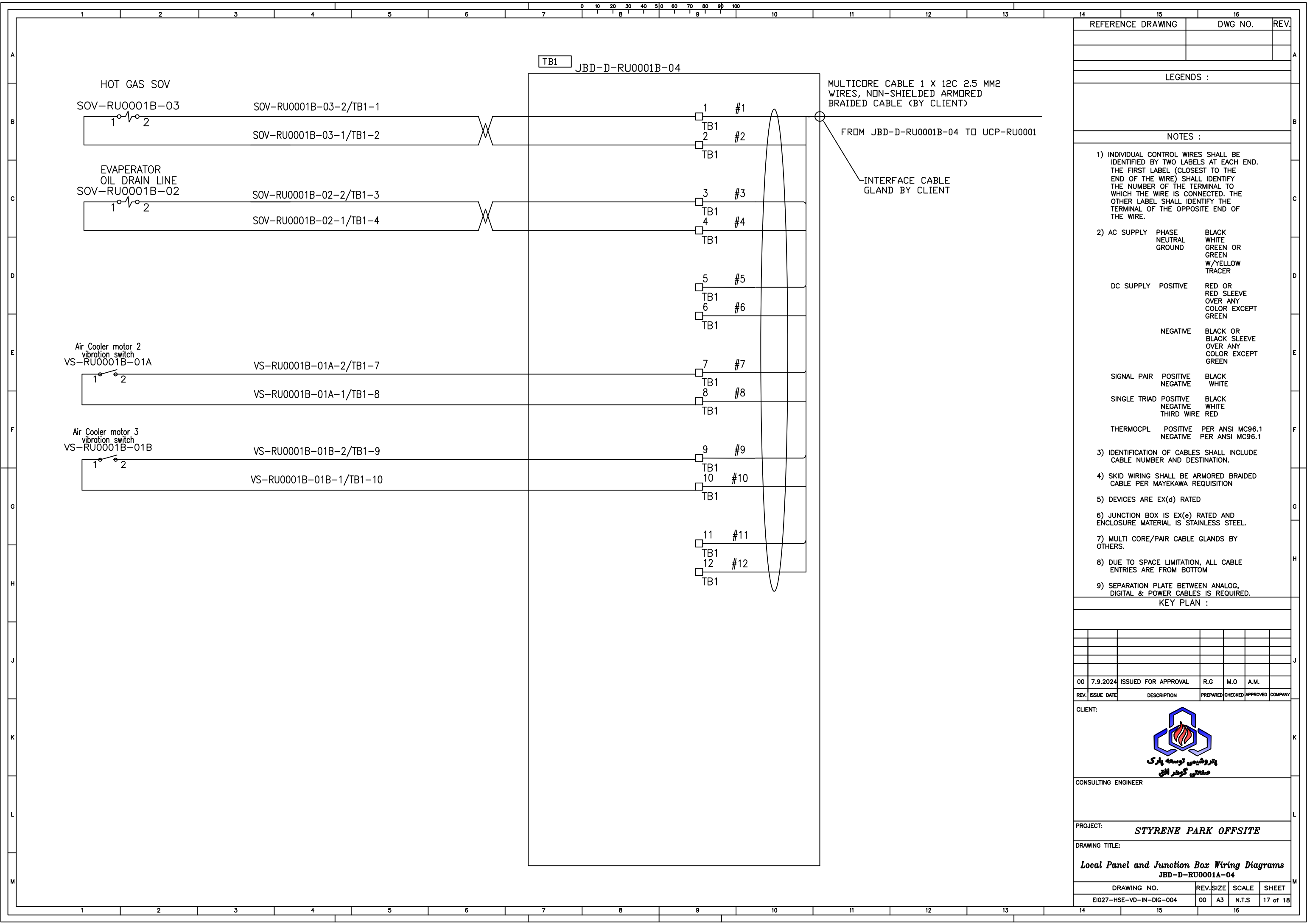
CLIENT:

CONSULTING ENGINEER

PROJECT: **STYRENE PARK OFFSITE**

DRAWING TITLE: **Local Panel and Junction Box Wiring Diagrams**  
**JBD-D-RU0001A-02**

DRAWING NO.	REV.	SIZE	SCALE	SHEET
EI027-HSE-VD-IN-DIG-004	00	A3	N.T.S	16 of 18



REFERENCE DRAWING	DWG NO.	REV.

LEGENDS :

NOTES :

- 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 NEUTRAL GROUND  
BLACK  
WHITE  
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  
NEGATIVE  
BLACK  
WHITE
- SINGLE TRIAD POSITIVE  
NEGATIVE  
THIRD WIRE  
BLACK  
WHITE  
RED
- THERMOPL POSITIVE  
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PER ANSI MC96.1  
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KEY PLAN :


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REV.	ISSUE DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED	COMPANY

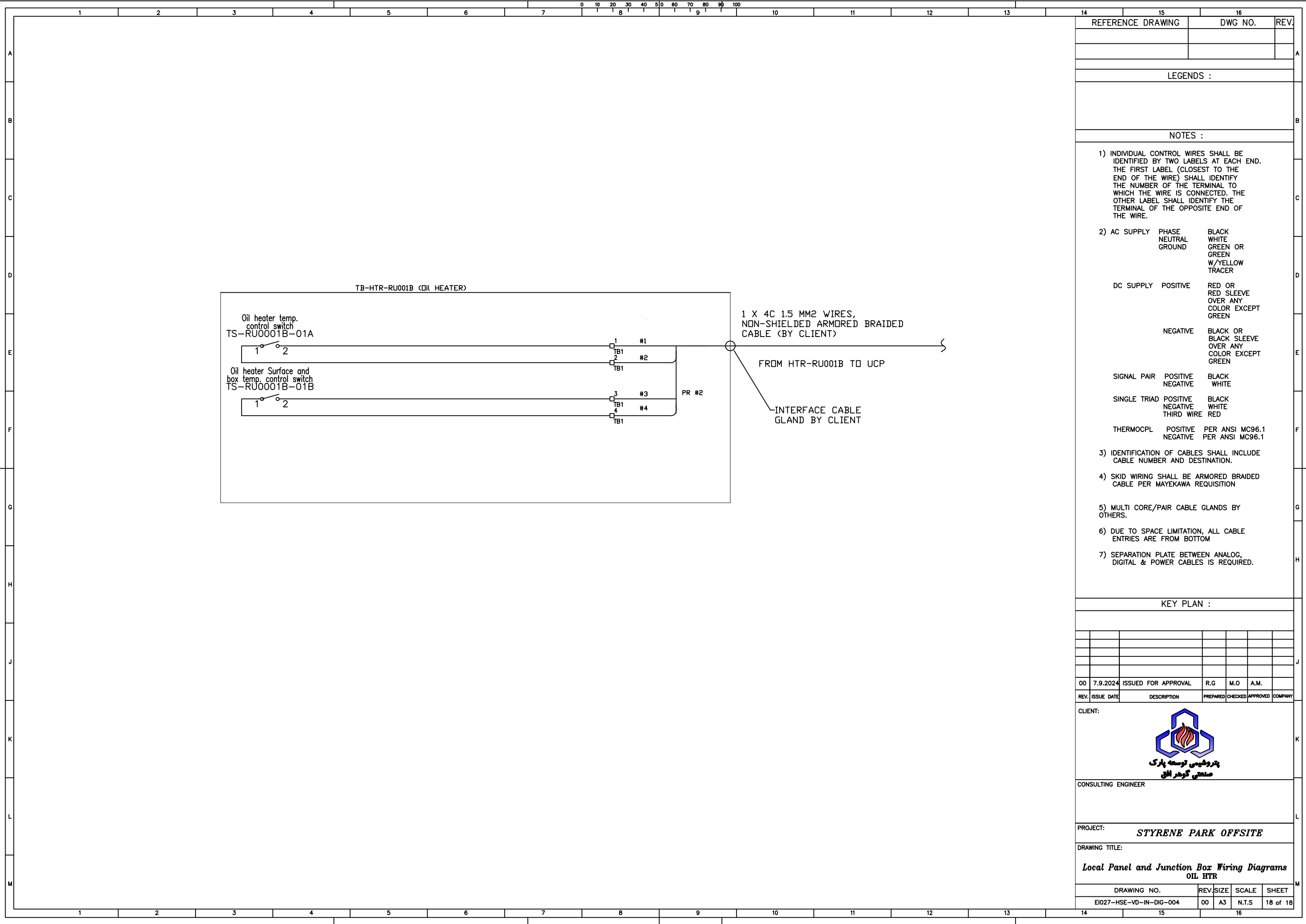
CLIENT:


CONSULTING ENGINEER

PROJECT: **STYRENE PARK OFFSITE**

DRAWING TITLE: **Local Panel and Junction Box Wiring Diagrams JBD-D-RU0001A-04**

DRAWING NO.	REV.	SIZE	SCALE	SHEET
EI027-HSE-VD-IN-DIG-004	00	A3	N.T.S	17 of 18



15	16	REV.														
REFERENCE DRAWING	DWG NO.															
LEGENDS :																
NOTES :																
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CLIENT:																
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CONSULTING ENGINEER																
PROJECT: <b>STYRENE PARK OFFSITE</b>																
DRAWING TITLE: <b>Local Panel and Junction Box Wiring Diagrams OIL HTR</b>																
DRAWING NO.	REV.	SIZE	SCALE	SHEET												
E027-HSE-VD-IN-DIG-004	00	A3	N.T.S	18 of 18												