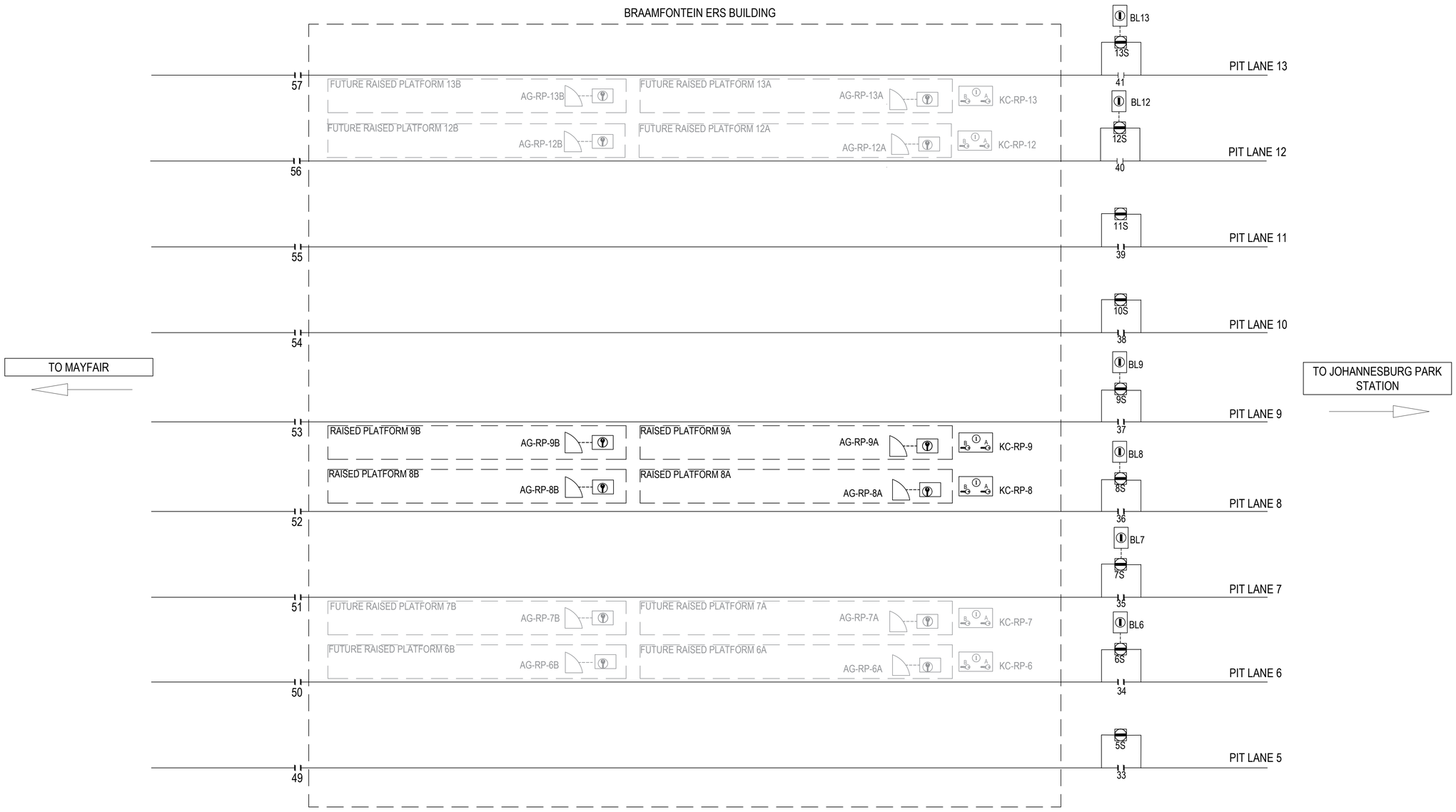

DE-ENERGIZING SEQUENCE

INTERLOCKING DEVICE LEGEND

- TRAPPED KEY ON THE INTERLOCKING DEVICE
- RELEASED KEY ON INTERLOCKING DEVICE
- TRAPPED KEYS AND RELEASED KEY ON KEY CHANGE DEVICE

1	ENTER RELEVANT INFORMATION INTO PERMIT RECORD BOOK TO INITIATE DE-ENERGIZING OF THE PIT LANE.
2	UNLOCK THE PIT LANE SIDING SWITCH PADLOCK TO RELEASE OPERATING HANDLE. KEY "1" REMAINS TRAPPED.
3	ISOLATE AND EARTH PIT LANE SIDING SWITCH. LOCK THE INTERLOCKING DEVICE TO RELEASE TRAPPED KEY "1".
4	INSERT KEY "1" IN KEY CHANGE DEVICE.
5	TRAPPED KEY "1" TO RELEASE RAISED PLATFORM ACCESS KEYS "A" AND "B". KEY "1" TRAPPED AT KEY CHANGE DEVICE.
6	INSERT RELEASED KEYS "A" AND "B" AT RAISED PLATFORM ACCESS GATES.
7	UNLOCK RAISED PLATFORM INTERLOCKING DEVICE. KEYS "A" AND "B" TRAPPED AND ACCESS GATES OPEN.
8	ENTER RELEVANT INFORMATION INTO PERMIT RECORD BOOK TO COMPLETE DE-ENERGIZING OPERATION OF THE PIT LANE.

ENERGIZING SEQUENCE

1	ENTER RELEVANT INFORMATION INTO PERMIT RECORD BOOK TO INITIATE ENERGIZING OF THE PIT LANE.
2	CLOSE ACCESS GATES AT RAISED PLATFORM ACCESS GATES. LOCK INTERLOCKING DEVICE "A" AND "B" TO RELEASE TRAPPED KEYS "A" AND "B".
3	TRAPPED KEYS "A" AND "B" RELEASED AT RAISED PLATFORM ACCESS GATES.
4	INSERT KEYS "A" AND "B" AT KEY CHANGE DEVICE TO RELEASE TRAPPED KEY "1".
5	TRAPPED KEYS "A" AND "B" IN THE INTERLOCKING DEVICE TO RELEASE TRAPPED KEY "1" FROM KEY CHANGE DEVICE.
6	INSERT KEY "1" IN THE INTERLOCKING DEVICE TO UNLOCK THE INTERLOCKING DEVICE AND RELEASE THE BOLT LOCK.
7	OPERATE THE SWITCH HANDLE TO "ON" POSITION TO ENERGIZE THE PIT LANE. APPLY PIT LANE SIDING SWITCH PADLOCK. KEY "1" REMAINS TRAPPED.
8	ENTER RELEVANT INFORMATION INTO PERMIT RECORD BOOK TO FINALIZE THE ENERGIZING SEQUENCE OF THE PIT LANE.

OPERATING SEQUENCE

INITIAL STATE = "LIVE OHTE" (PIT LANE ENERGIZED).
PIT LANE (SIDING SWITCH ENERGIZED, LOCKED IN CLOSED POSITION AND
PIT LANE SIDING SWITCH INTERLOCKING DEVIVICE KEY "1" TRAPPED).

ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR BEFORE COMMENCING ANY WORK.

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ON ORIGINAL

0 5 10 15 20 25 30 40 50MM

LEGEND

- BOLT LOCK INSTALLED AT PIT LANE SIDING SWITCH TO DETAIL XX
- ACCESS LOCK SECURED TO NUMBERED RAISED PLATFORM ACCESS GATES XX
- PIT LANE SIDING SWITCH AND SWITCH NUMBER (POSITION: NORMALLY OPEN). XXX
- SECTION INSULATOR AND NUMBER XX
- KEY CHANGE DEVICE AND NUMBER SECURED TO WALL OR ACCESS PLATFORM STEELWORK XX

ABBREVIATIONS

RP	-	RAISED PLATFORM
XX	-	
BL	-	BOLT LOCK
KC	-	KEY CHANGE DEVICE
XX	-	AND PIT LANE NUMBER
AG	-	ACCESS GATE

NOTES

1. FOR PIT LANE DE- AND ENERGIZING REFER TO ENERGIZING SEQUENCE DESCRIPTION.
2. FINAL "KEY CHANGE" DEVICE POSITION TO BE CONFIRMED ON SITE.
3. THE OPERATING SEQUENCE DESCRIBED ON THIS DRAWING TO BE READ IN CONJUNCTION WITH THE CURRENT SWITCHING PROCEDURE.

ISSUED FOR TENDER

No	Date	Details	Chd	Appd
B	2026-09-02	PIT LANE 8 & 9 ISSUED FOR TENDER	MB	AvdW
A	16/03/2026	ORIGINAL	MB	AvdW

Revisions

Client: Be moved — prasa PASSENGER RAIL AGENCY OF SOUTH AFRICA
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Architect

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Head Office - Johannesburg
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Project: PT BRM DEPOT TRAIN ROOF ACCESS

Description: PT BRM DEPOT INTERLOCKING DIAGRAM TO PROPOSED RAISED PLATFORMS FOR PIT LANES 6 TO 9 AND 12 TO 13

Approved By: A vd WALT — Pr Eng 920049
Drawn By: M LEKOBOTJA
Designed By: [illegible]
Reviewed By: A vd WALT

Scale: NTS
Date: JULY 2026

Project No: J42000_33-GIB-SW-ZZ-DR-OH-SM-001
GIBB Dwg. No: .....
Rev: B

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