INTERNAL COMMUNICATION · AGENT TRAINING

# WELCOME TO THE ROBARTE UNIT

No guessing here. You investigate.

## YOUR MISSION: RECONSTRUCT AN IMPOSSIBLE THEFT

**01** **WHO**
Identify the thief.

**02** **WHERE**
Determine their exact cell

**03** **WITH WHAT**
Deduce which tool was used.

**04** **WHICH WAY**
Reconstruct the escape route and exit.

**Each case file contains everything you need and has one unique solution consistent with all the clues.**

No knowledge of art is required. Read, observe, eliminate possibilities and connect the clues.

PROTOCOL 01

# THE FOUR PAGES OF A CASE FILE

Each page has a clear purpose. The solution never appears alongside the case file.

1

**THE CASE FILE**

The artwork, the context of the theft, the location and the suspects.

2

**THE SCENE**

Plan, coordinates, cameras, elements, objects, exits and notebook.

3

**THE INVESTIGATION**

Verified clues, statements and the case file's special rule.

4

**ARTWORK ARCHIVE**

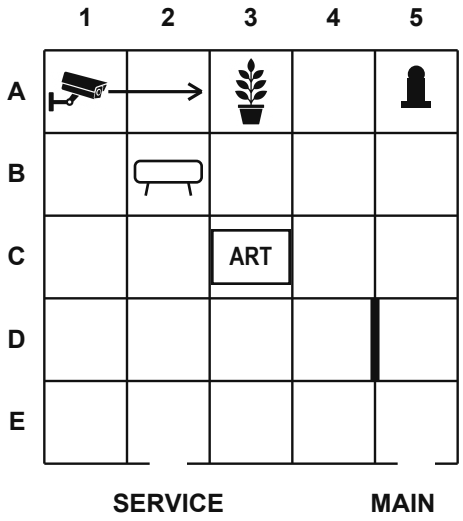
Helps you understand the real artwork featured in the case. It contains neither the solution nor new clues, but learning more about the work can sharpen your observation and help you draw conclusions.

**Every valid conclusion must be demonstrated using pages 1, 2 and 3.**

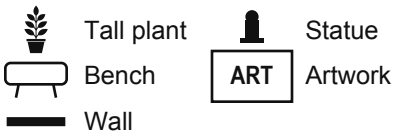
PROTOCOL 02

# HOW TO READ THE PLAN

The plan contains the information needed to reconstruct positions and the escape route.




**PLAN KEY**




### CAMERAS

The arrow shows the camera's viewing direction. It can see until an obstacle blocks its view; consult the Element Guide to learn which obstacles do so. The thief must not be seen anywhere along the escape route; the other suspects may cross a monitored area. In this example, the camera in A1 monitors A1 and A2: the tall plant in A3 prevents its view from continuing.

### EXITS

Exits are shown as openings in the grid. Their names always appear beside the opening. This example has two: Main and Service.

### OBJECTS

The thief used one tool to commit the theft. The other tools, although linked to other suspects, were not used. Each suspect occupies one cell together with their tool, including the thief.
Use the objects' initials when working in your notebook and on your investigation plan.

### ELEMENTS

Elements are the structures, furniture and pieces shown on the plan: a tall plant, a bench and even the artwork itself. The next page provides a detailed guide to how each one behaves.

PROTOCOL 03

# ELEMENT GUIDE

How elements affect movement and camera visibility.

| ELEMENT OR GROUP | OCCUPIES CELL | ALLOWS PASSAGE | BLOCKS VIEW |
|---|---|---|---|
| **CAMERA**<br>Surveillance camera. | NO | YES | MONITORS |
| **WALL**<br>Sits on the boundary between two cells. | | | |
| **TALL OR SOLID ELEMENTS**<br>Artwork, canvas, display case, tall or security display case, tall plant, statue, panel, tall or climate-control panel, screen, column, piano, curtain, tall coat stand and photo backdrop. | YES | NO | YES |
| **LOW ELEMENTS**<br>Bench, table, digitisation table, trunk, costume trunk, plinth, projector, cabinet, plan chest, plan cabinet and bicycle. | YES | NO | NO |
| **ATTACHED ELEMENTS**<br>Rehearsal mark, high window, water and drainage point, and wall clock. | NO | YES | NO |
| **MOVABLE ELEMENTS**<br>Flight case, stage panel, painting trolley and mobile display. They remain in their initial position until a rule allows them to move. | YES* | NO* | AS STATED IN CASE FILE |

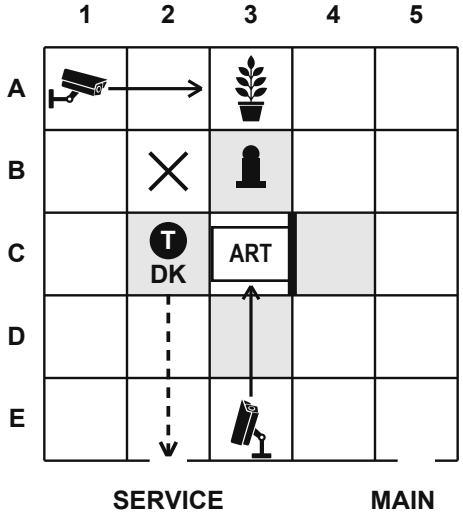
**HOW TO READ THE TABLE**

An occupied cell cannot contain a person and cannot be crossed. The case file's own box takes precedence, especially for movable elements (*).

PROTOCOL 04

# FROM ACCESS TO ESCAPE

Each suspect occupies one valid cell.
**No two suspects may share the same row or column.**




### HOW TO READ THE EXAMPLE

- Adjacent cell
- Diagonal: invalid
- Escape route
- **Thief + object DK**

### 1 ACCESS

The artwork is in C3. B3, C2, C4 and D3 are adjacent; B2 is ruled out because it is diagonal.

### 2 OBSTACLES

The statue occupies B3, the wall blocks access from C4 and the camera in E3 monitors D3. Only C2 remains free.

### 3 OBJECT

Here we use DK to show how the initials of the thief's object are recorded.

### 4 ESCAPE

The central barrier prevents access to Main. The dashed line shows the only safe route: Service.

### IN THE ANSWER KEY

In the answer key, the grid shows every suspect's final position. The black cell identifies the thief, and a dashed line marks a valid escape route to the only correct exit. If several routes are possible, the shortest and clearest is shown; the route drawn need not be the only possible one.

Illustrative example: it does not belong to any case file.

PROTOCOL 05

# CLUES, RULE AND STATEMENTS

Three types of information that must be interpreted differently.

| | |
|---|---|
| **CLUES** | These are facts verified by the RobArte Unit. They are always true and help eliminate possibilities. |
| **CASE FILE RULE** | A special condition for that case. It may state how many people are lying or set a condition that must be obeyed. It never contradicts or replaces the clues. |
| **STATEMENTS** | Case files generally include statements from the suspects. The rule states how many tell the truth and how many lie. Each statement is assessed as a whole: the suspect either tells the truth about everything or lies about everything. |

## GUIDED EXAMPLE

**RULE: EXACTLY ONE PERSON IS LYING**

**NORA STATES:** "I was in B2 and carried the display-case key."

**IF NORA TELLS THE TRUTH**

- She was in B2.
- She had the key.

**IF NORA IS LYING**

- She was not in B2.
- She did not have the key.

**HOW TO SOLVE IT**

Compare both readings with the clues. If a clue proves that Nora was not in B2, "she is telling the truth" is ruled out. Because the statement is assessed as a whole, if Nora is lying, she did not have the key either. Repeat the process and confirm that exactly one person is lying.

PROTOCOL 06

# SOLVING AND FINAL ANSWER

Cross-reference the four deductions and check that no contradiction remains.

1 **ELIMINATE**

Mark impossible cells, objects, exits and suspects.

2 **CROSS-REFERENCE**

Relate every clue to the rule and the statements.

3 **VERIFY**

Check access to the artwork, cameras and escape route.

4 **CLOSE THE CASE**

Accept the hypothesis only when every piece fits.

**ADDITIONAL CLUE**

If you get stuck, consult only the additional clue for your case file. It guides your deduction without replacing the investigation.

**FINAL ANSWER EXAMPLE**



**INVESTIGATION NOTEBOOK** **ADDITIONAL CLUE AVAILABLE**

Then check the solution and read Vera Lince's report.

**PERSON** Nora **CELL** C2 **OBJECT** DK **EXIT** Service