FINDING OUT HOW YOUR BUILDING IS PERFORMING: AN INTRODUCTION

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ENGLISH HERITAGE
WHAT EXACTLY IS IT YOU ARE TRYING TO DO?
WHAT DO YOU NEED TO KNOW TO DO IT WELL?
Note building details that shed or divert rain.

Note angle of exposed surface.

Note the nature of the surfaces (in particular how they handle rainwater).

Concentration of flow.

Note that rain flows accumulate as they run down the surfaces.
WATERPROOF

WATER RESISTANT
The graph shows the ambient temperature in °C from 1 July to 29 July. The exterior temperature is represented in gray, while the interior temperature is shown in red. The ambient temperature varies throughout the month, with peaks and dips in temperature.
CONDITIONS WITH OCCASIONAL HEATING

CONDITIONS WITH HUMIDITY-CONTROLLED CONTINUOUS HEATING

- INTERIOR RELATIVE HUMIDITY
- INTERIOR TEMPERATURE
- EXTERIOR RELATIVE HUMIDITY
- EXTERIOR TEMPERATURE
WHAT EXACTLY IS IT YOU ARE TRYING TO DO?
WHAT DO YOU NEED TO KNOW TO DO IT WELL?
DECISION: TAKE NO ACTION AT THIS TIME

BACKGROUND
RESEARCH BUILDING
PERFORMANCE SURVEY
SPECIALIST INVESTIGATIONS
ADDITIONAL BACKGROUND RESEARCH
ADDITIONAL PERFORMANCE SURVEYING
ADDITIONAL SPECIALIST INVESTIGATIONS
ADDITIONAL BACKGROUND RESEARCH
ADDITIONAL PERFORMANCE SURVEYING
ADDITIONAL SPECIALIST INVESTIGATIONS

REVIEW

DECISION: TAKE ACTION (NECESSARY ACTION UNDERSTOOD)
DECISION: TAKE NO ACTION AT THIS TIME

BACKGROUND
RESEARCH BUILDING PERFORMANCESURVEY
SPECIALIST INVESTIGATIONS

ADDITIONAL BACKGROUND RESEARCH
ADDITIONAL PERFORMANCE SURVEYING
ADDITIONAL SPECIALIST INVESTIGATIONS

REVIEW

DECISION: TAKE ACTION (NECESSARY ACTION UNDERSTOOD)
BACKGROUND

RESEARCH BUILDING

PERFORMANCE SURVEY

SPECIALIST INVESTIGATIONS

ADDITIONAL BACKGROUND RESEARCH

ADDITIONAL PERFORMANCE SURVEYING

ADDITIONAL SPECIALIST INVESTIGATIONS

REVIEW

DECISION: TAKE ACTION (NECESSARY ACTION UNDERSTOOD)
KNOW ENOUGH TO:
TAKE ACTION
OR TO
DECIDE THAT ACTION
IS NOT NEEDED
NEED TO KNOW MORE TO CONFIDENTLY ACT

BACKGROUND
RESEARCH BUILDING
PERFORMANCE
SURVEY
SPECIALIST
INVESTIGATIONS
ADDITIONAL
BACKGROUND
RESEARCH
ADDITIONAL
PERFORMANCE
SURVEYING
ADDITIONAL
SPECIALIST
INVESTIGATIONS
NEED TO KNOW MORE TO CONFIDENTLY ACT

DECISION: TAKE ACTION AT THIS TIME

DECISION: TAKE ACTION (NECESSARY ACTION UNDERSTOOD)