APPENDIX A3.2.1-10

SOFTWARE DESIGN SPECIFICATIONS

- Software Design Specification: Charger (180 pages)
- Software Design Specification: Holder (152 pages)

Confidentiality Statement

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SOFTWARE DESIGN SPECIFICATIONS

PLATFORM: P1

MODEL/GENERATION: (b) (4)

PRODUCT TYPE: SOFTWARE FOR CHARGER

SOFTWARE VERSION: 1.1

Version N°	Author	Description of change (including reason for change)	Type of change
1.0	Butin, Yannick	Initial revision	1
1.0 SV	Farine, Robin	Submission Version	2

(1: Major change/new version; 2: Minor change; 3: Review without change)

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1 Introduction

1.1 Purpose

The purpose of this document is to present the architectural and detailed design of the THD 2.4 Charger software. It explains the internal structure of the software, how it works and the constraints respected.

This document is intended for software developers and stakeholders who participate in the development of THD 2.4 Charger.

1.2 Scope

The THD 2.4 Charger is (b) (4) mainly allows the THD 2.4 Holder to be recharged between each inhalation experience. (b) (4) commercialized since Q4 2014.

This document includes the detail of the software implementation. It also describes how it is structured internally to fulfil the software requirements and to work with external devices or accessories. This document includes also a (b) (4) .

1.3 Definitions

This subsection provides definitions for terms or noun-phrases which have a specific meaning in the context of this document.

1.3.1 Terminology

Terms	*Definitions*
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2 Architectural design

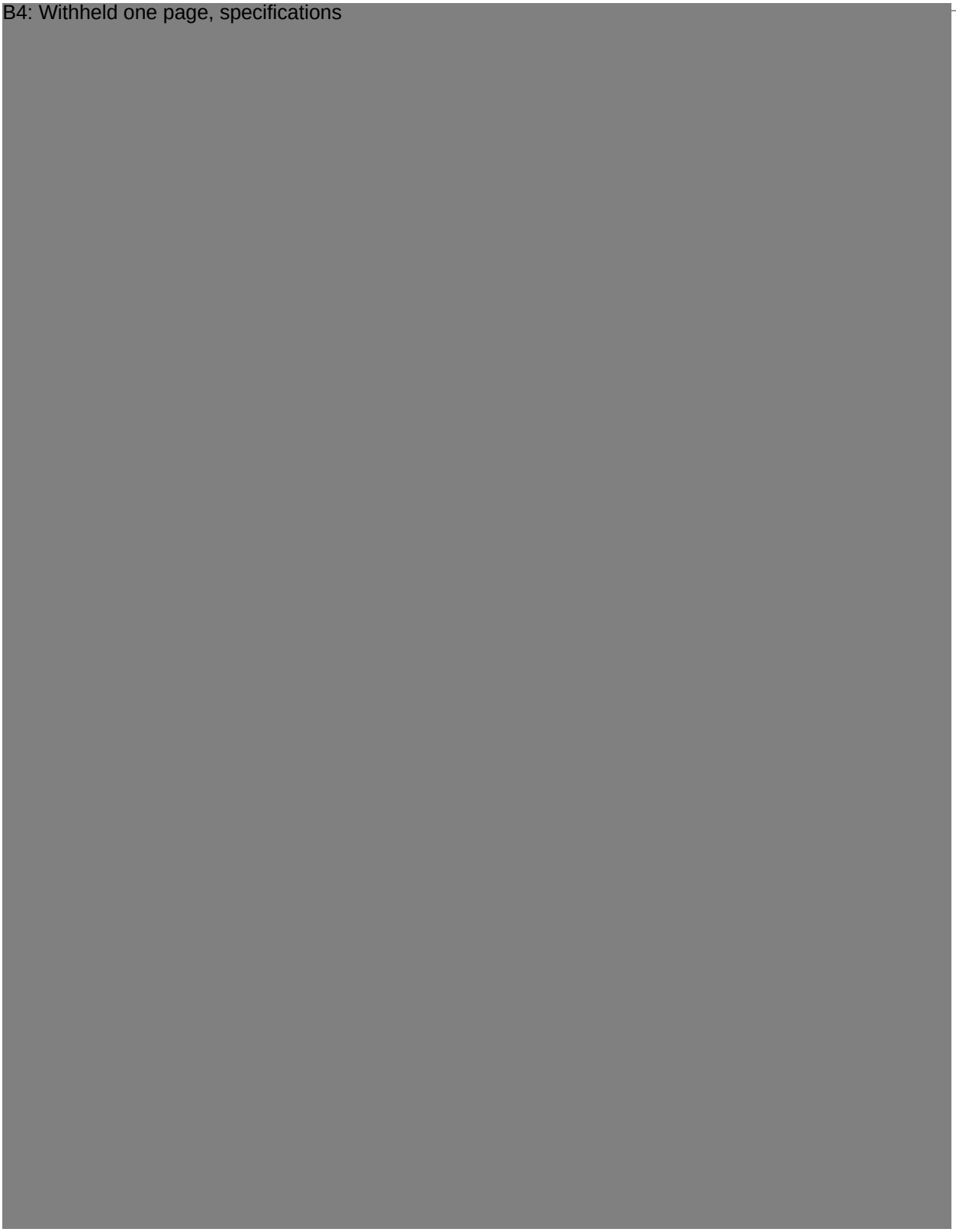
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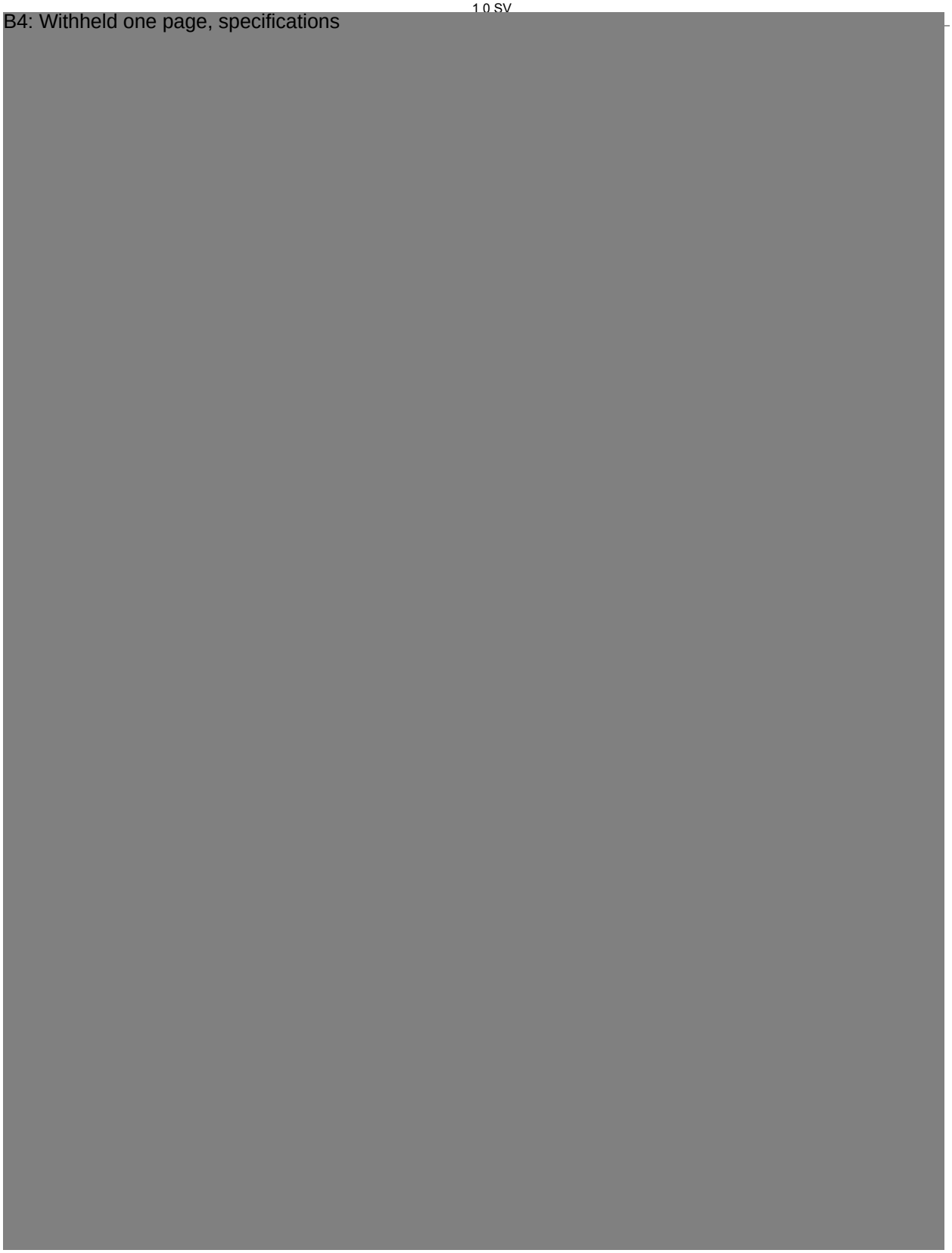
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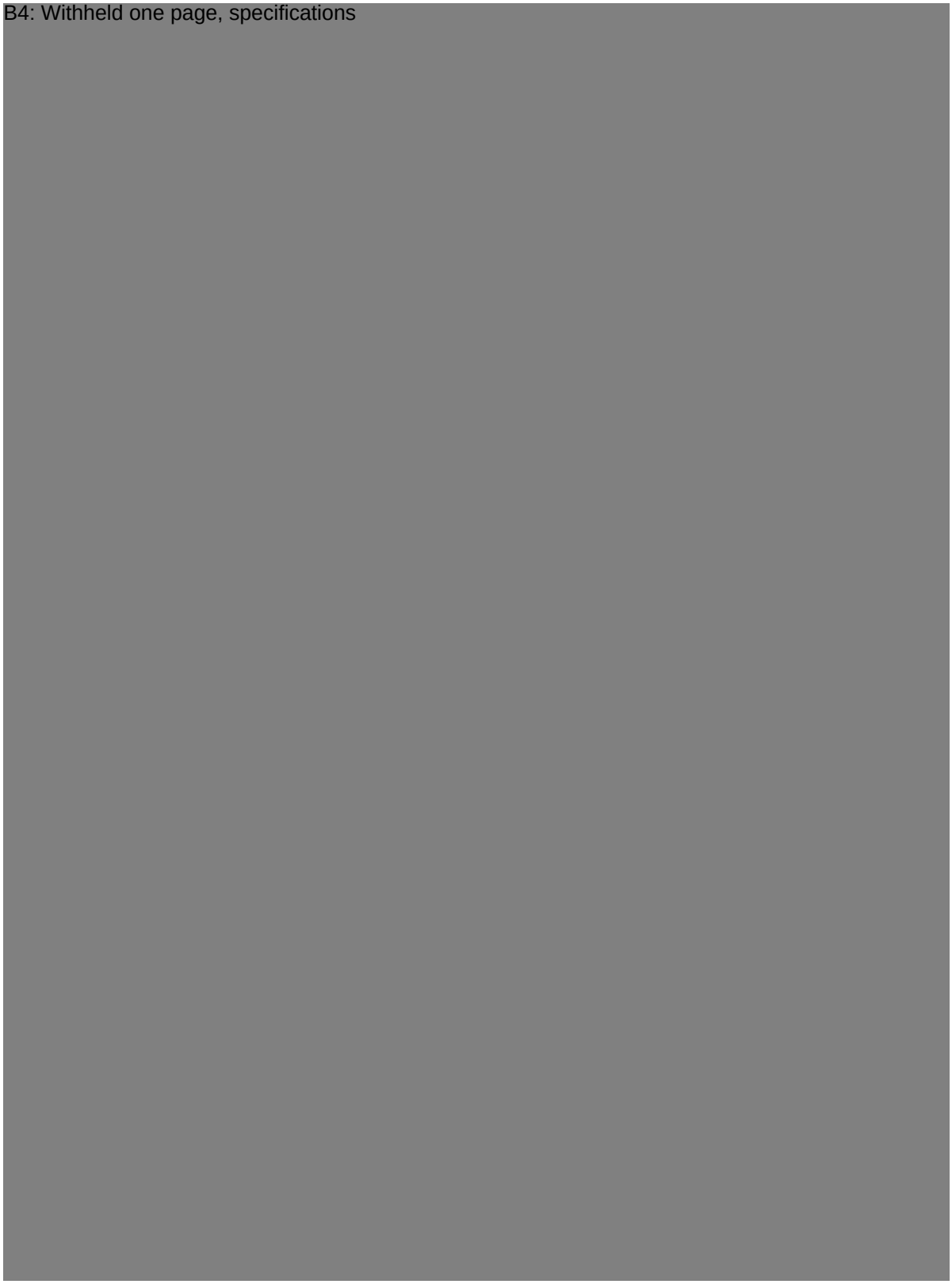
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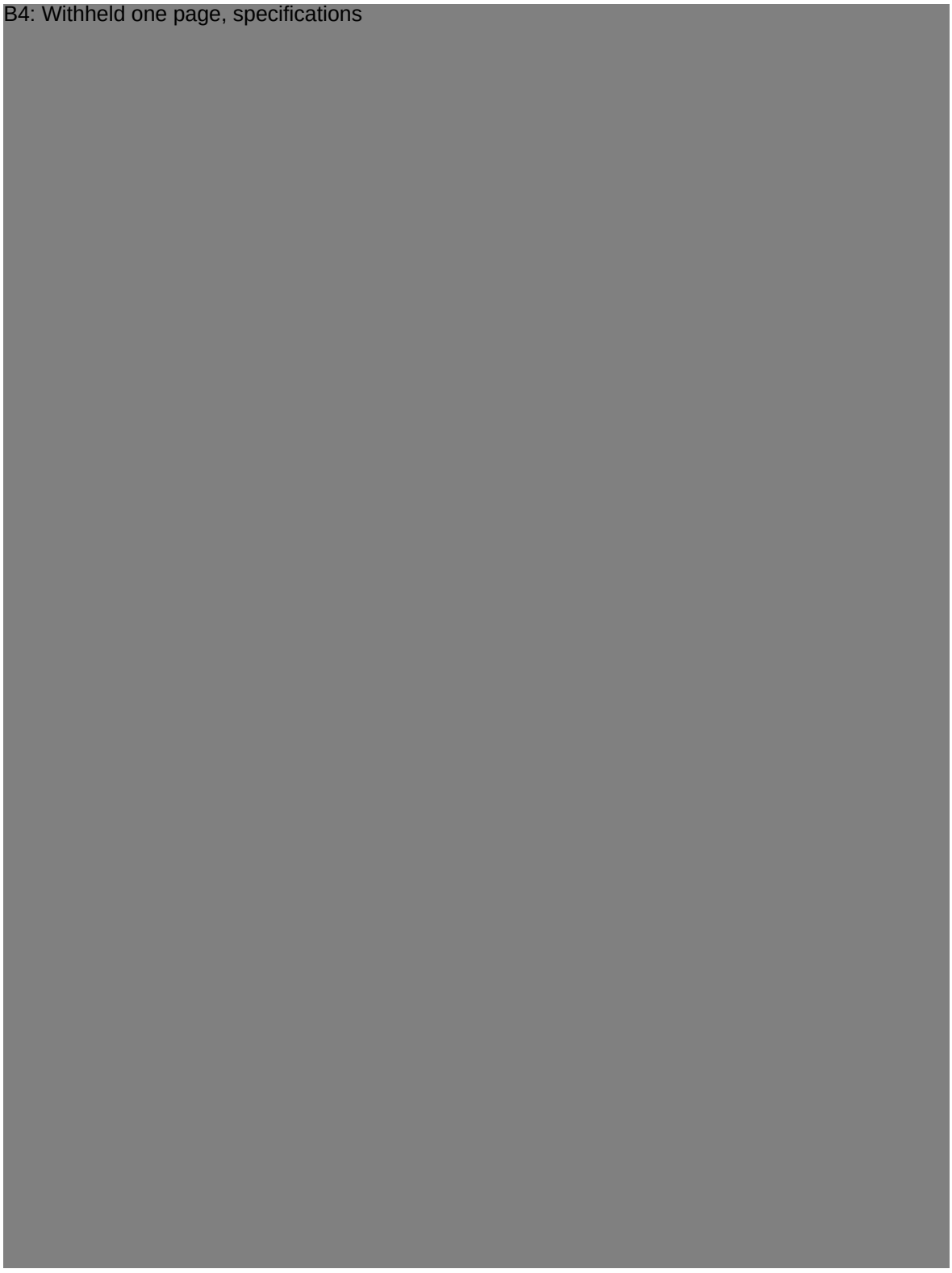
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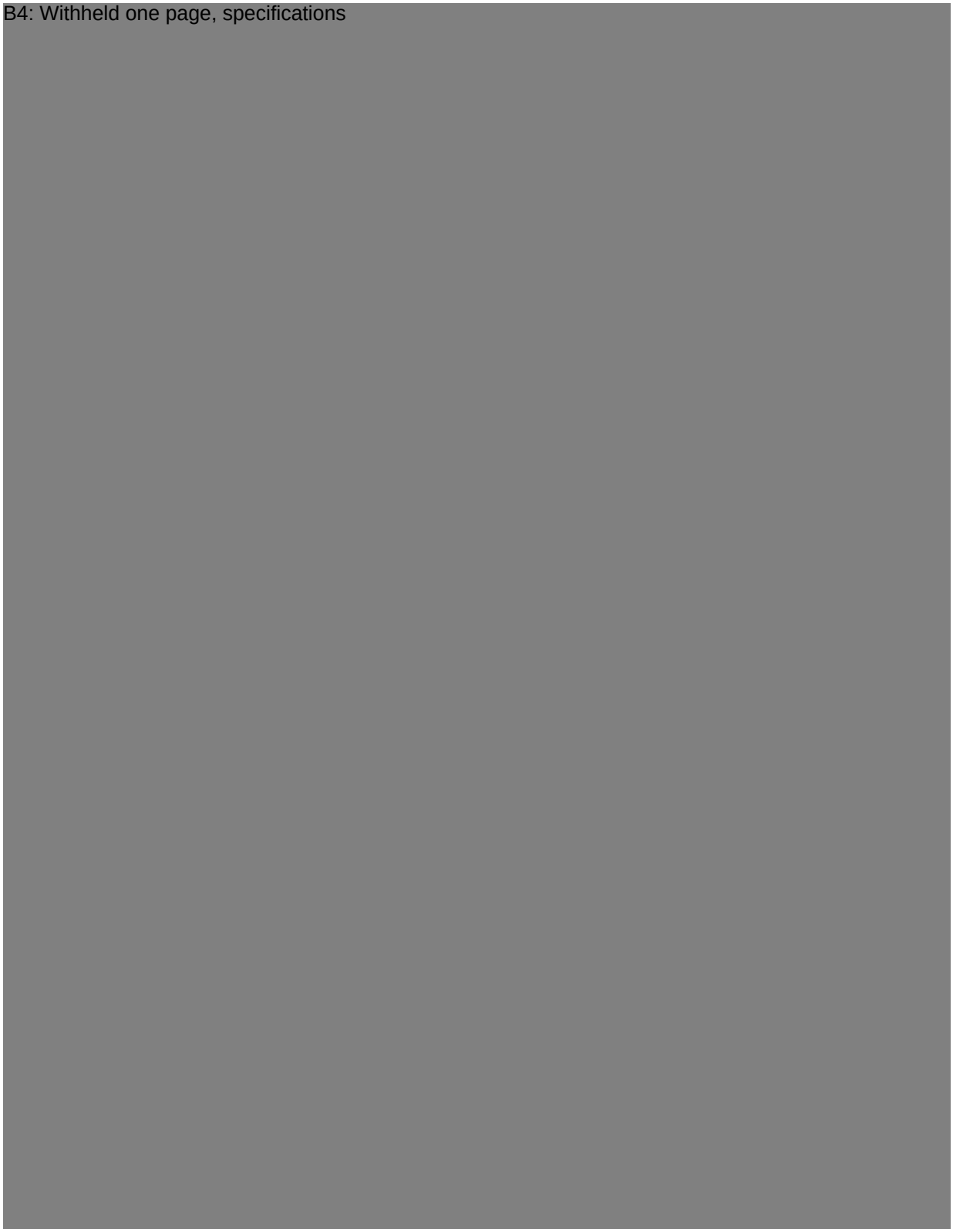
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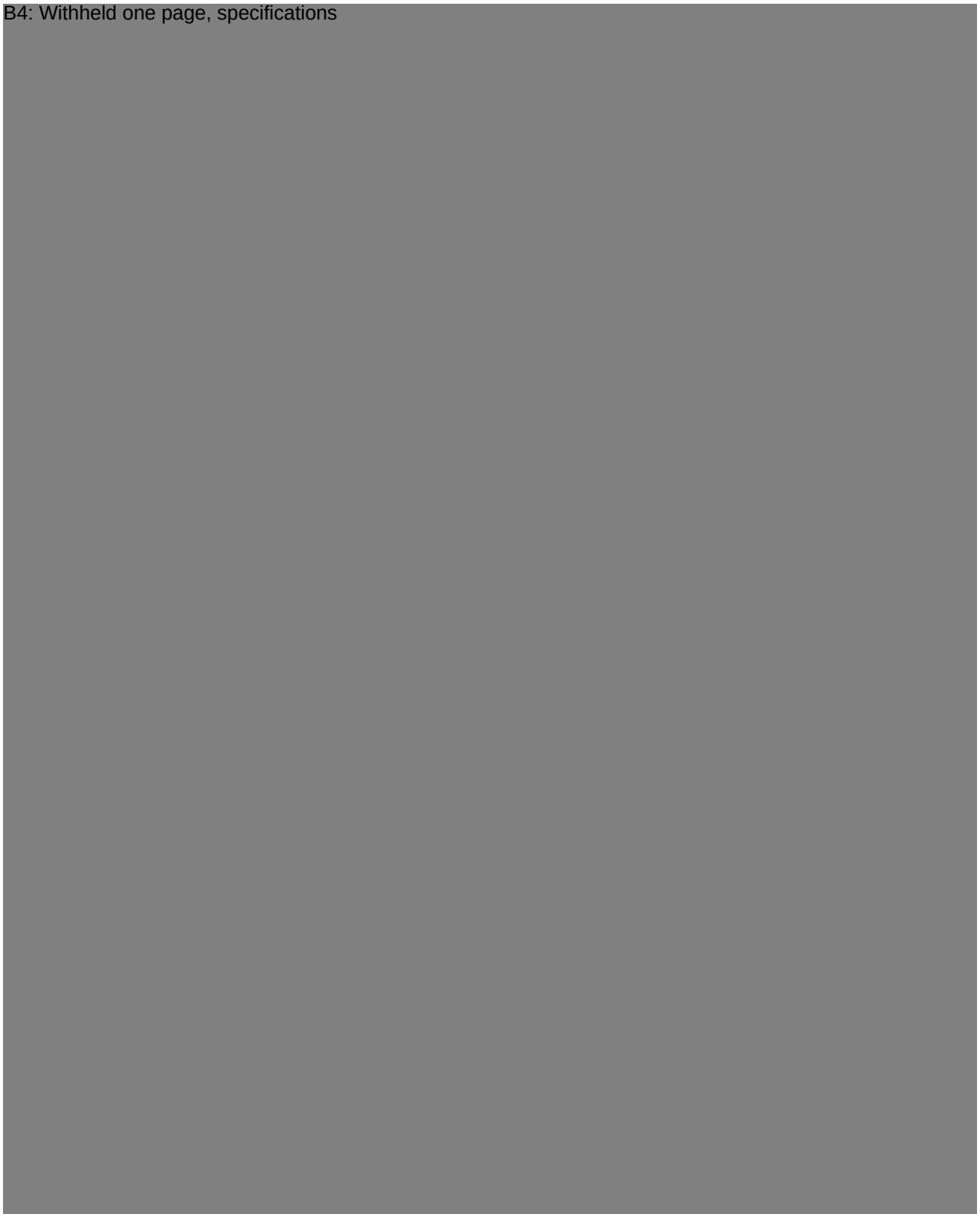
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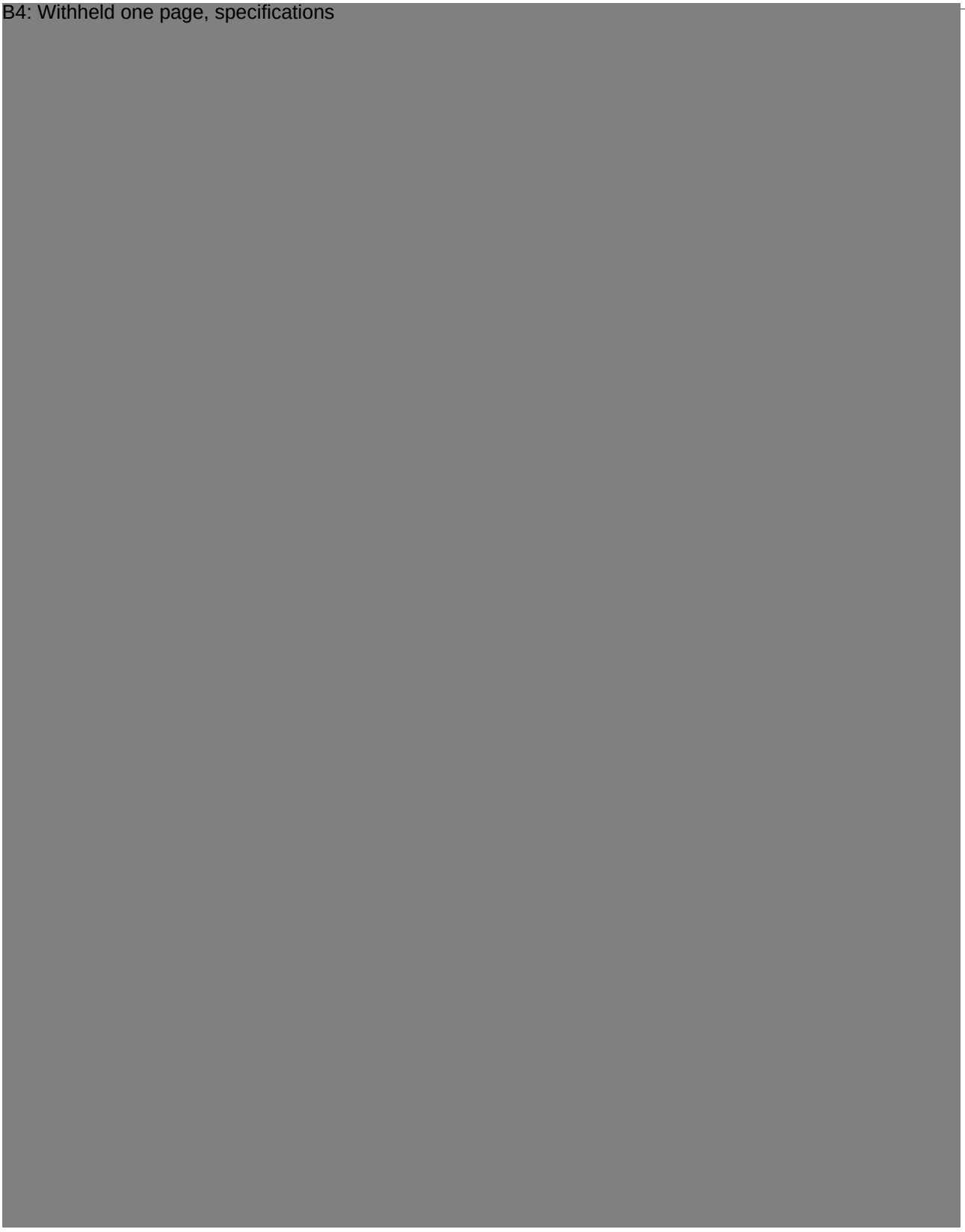
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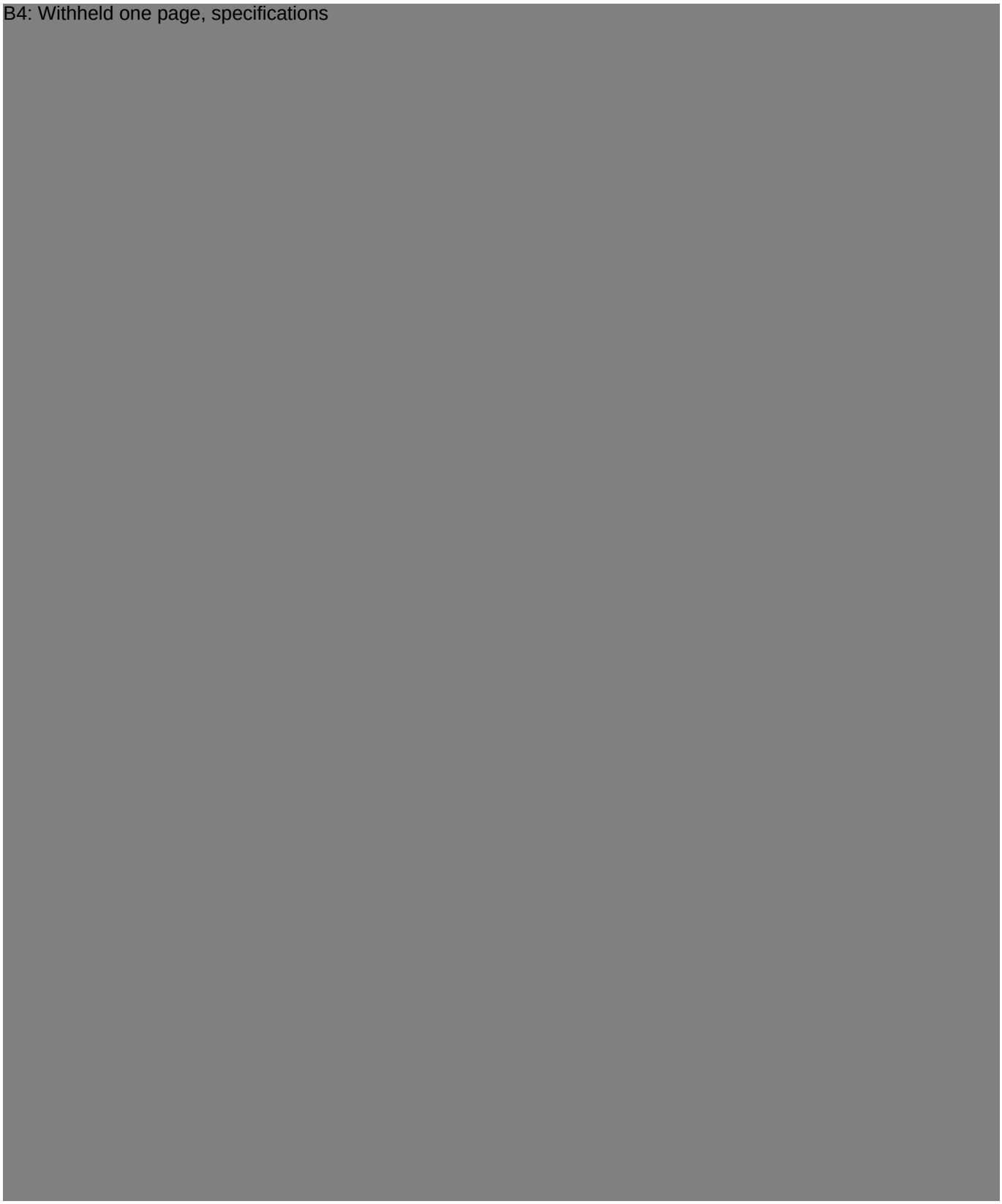


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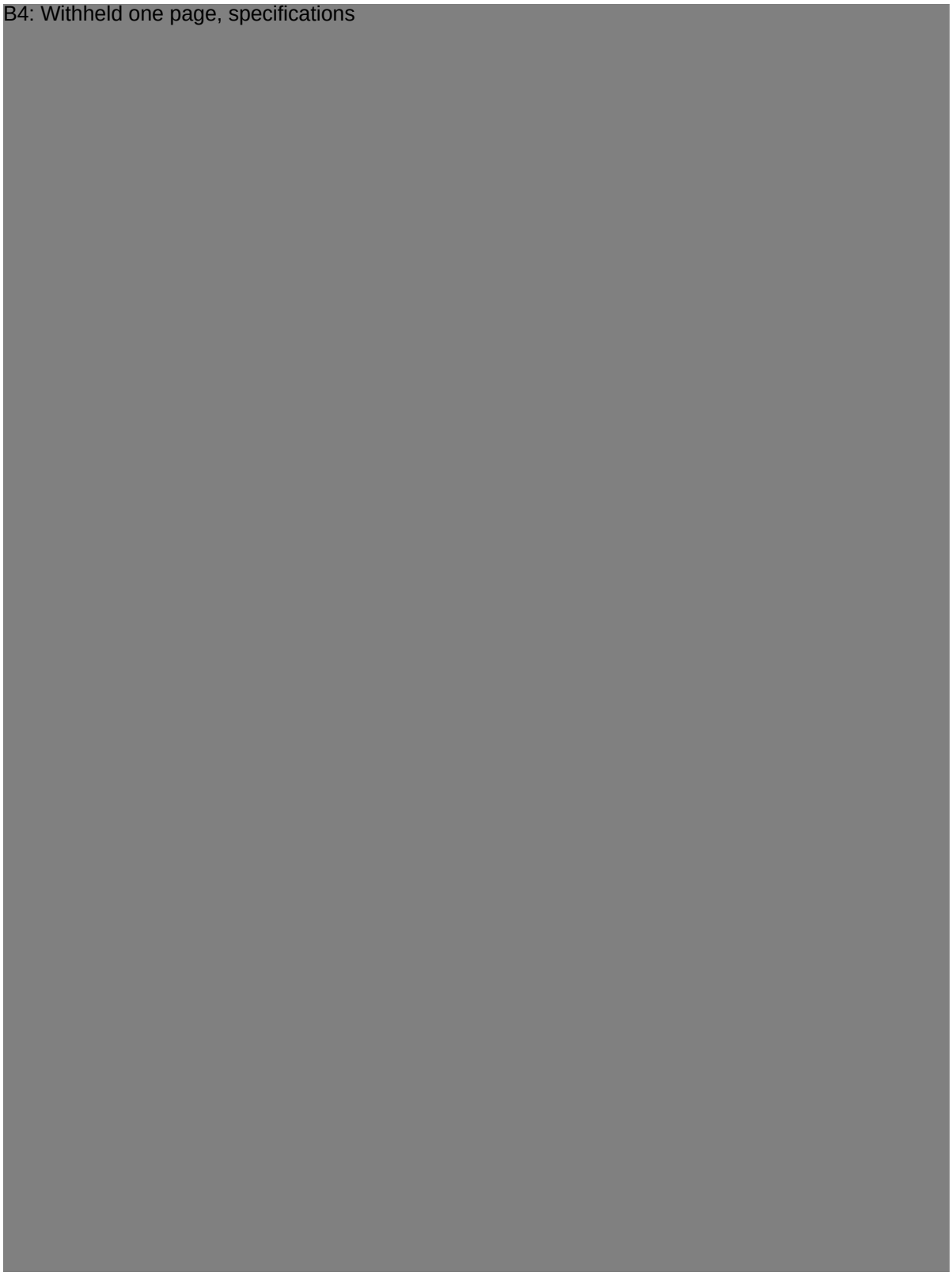
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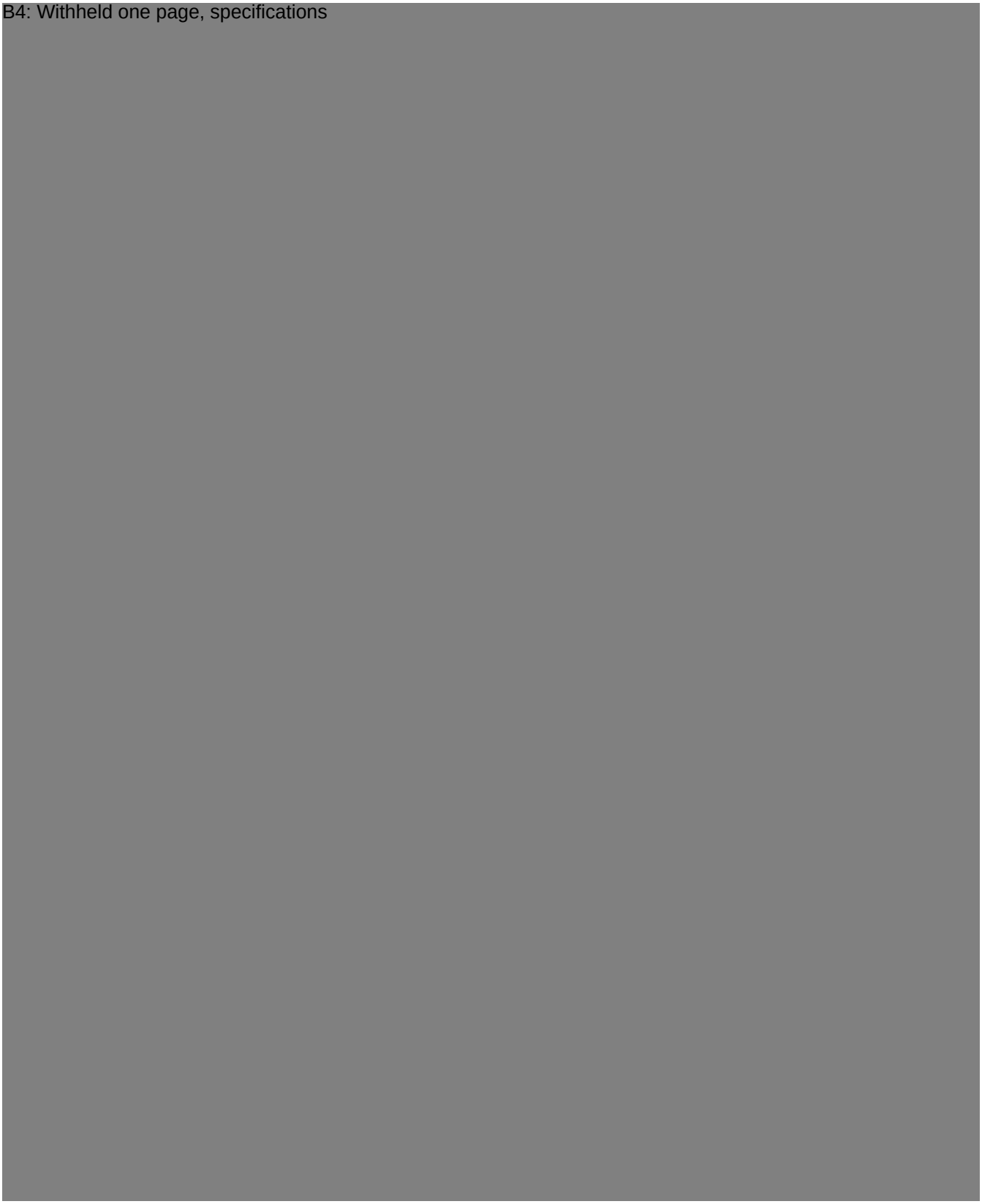
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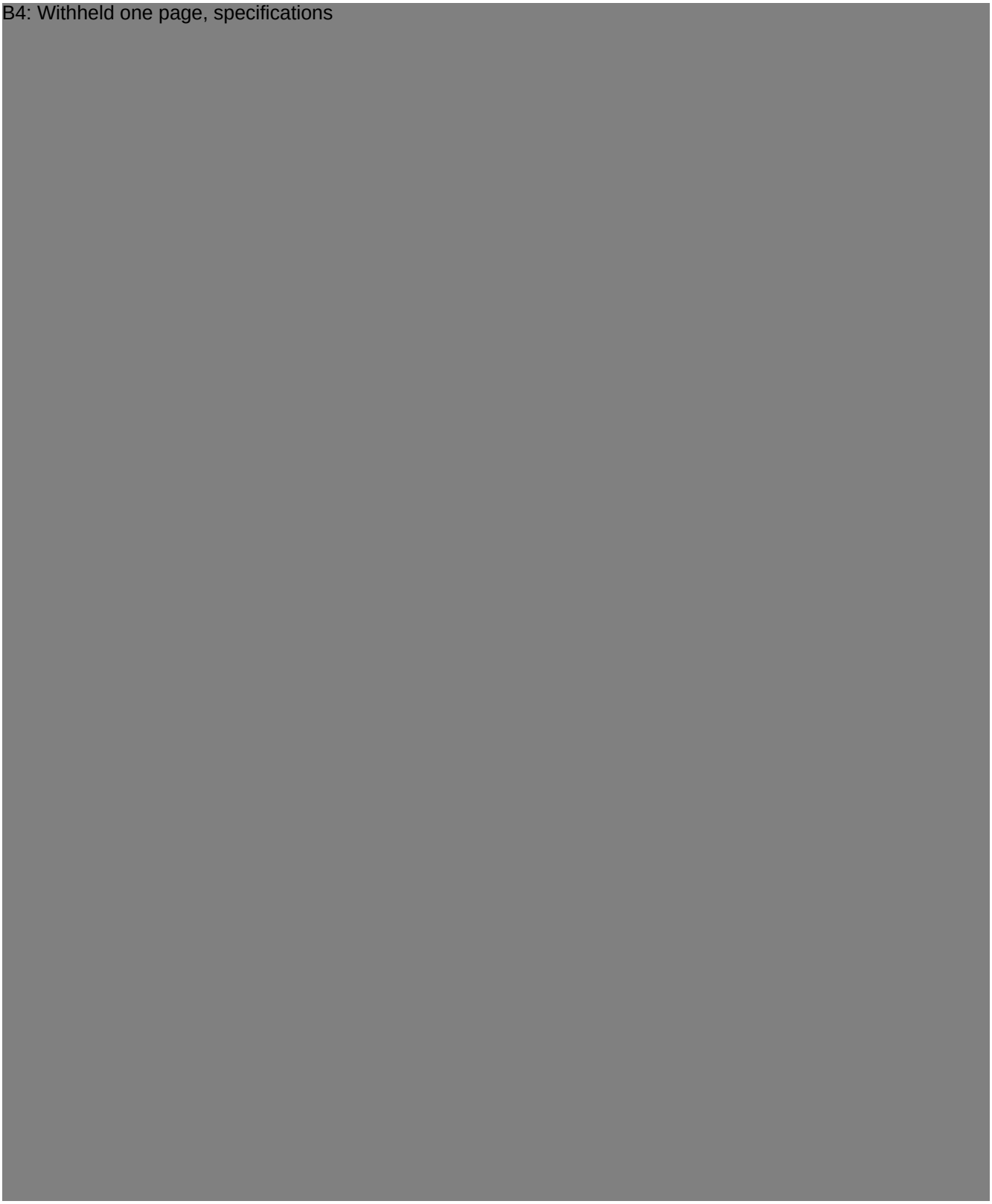
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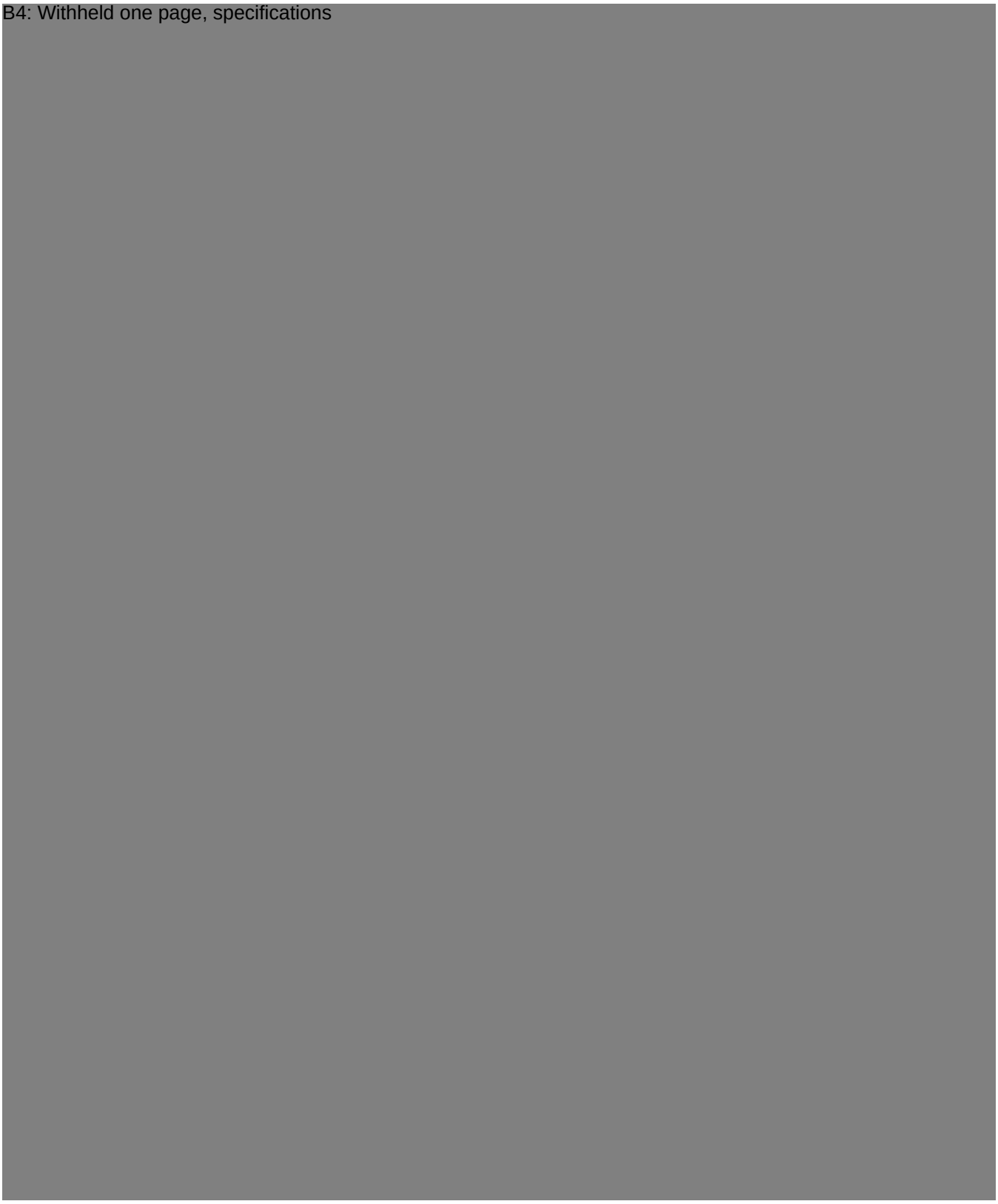
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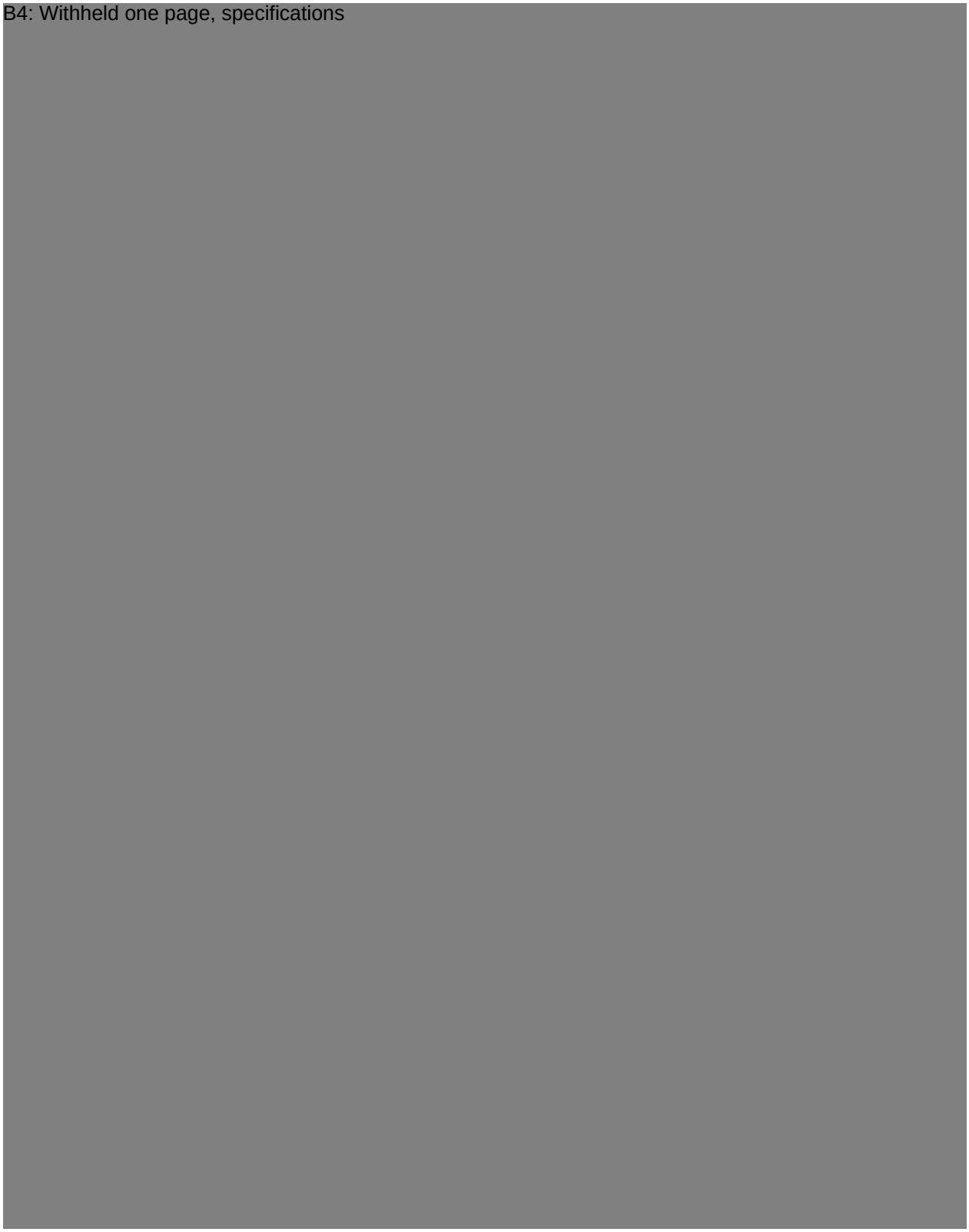
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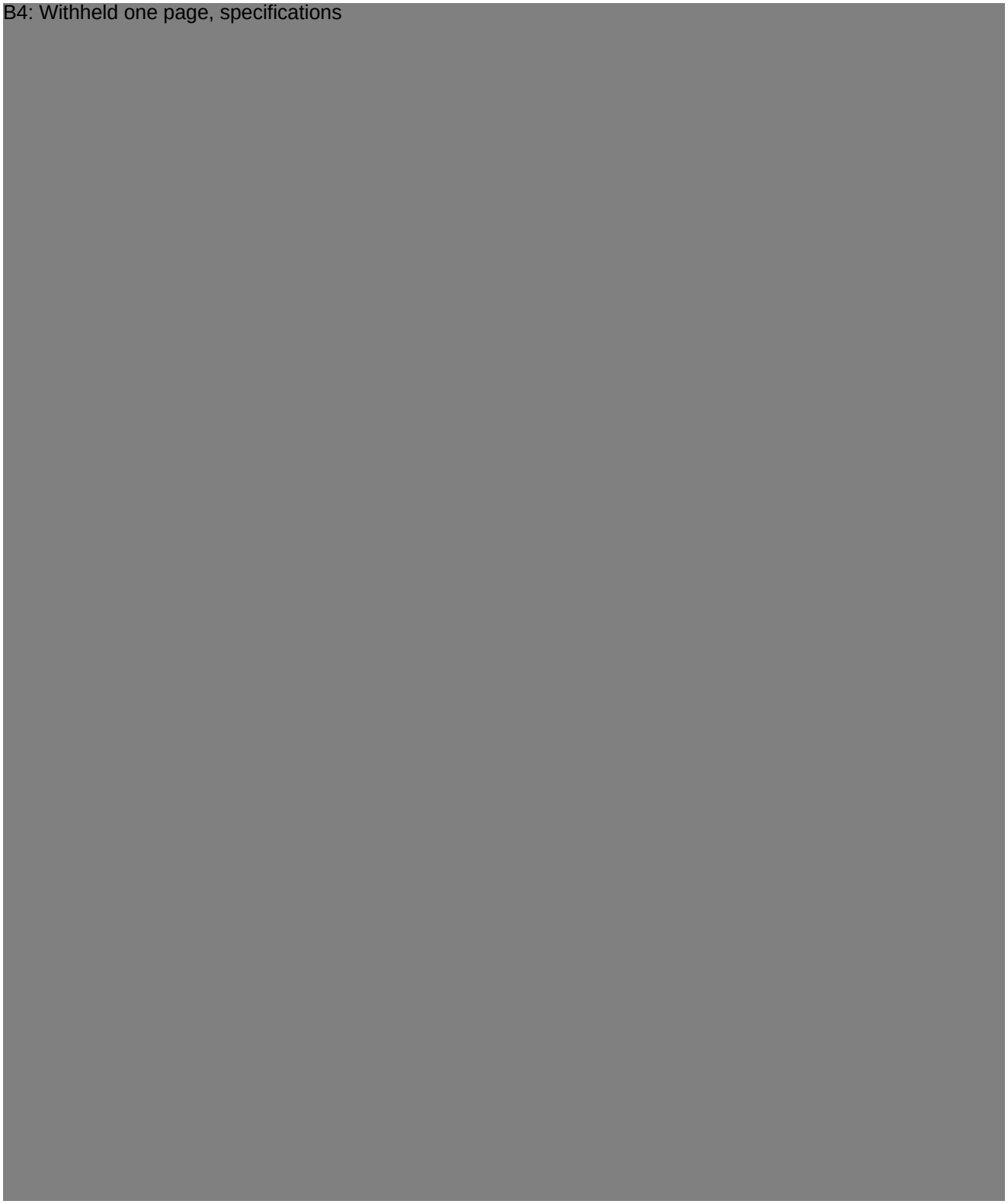
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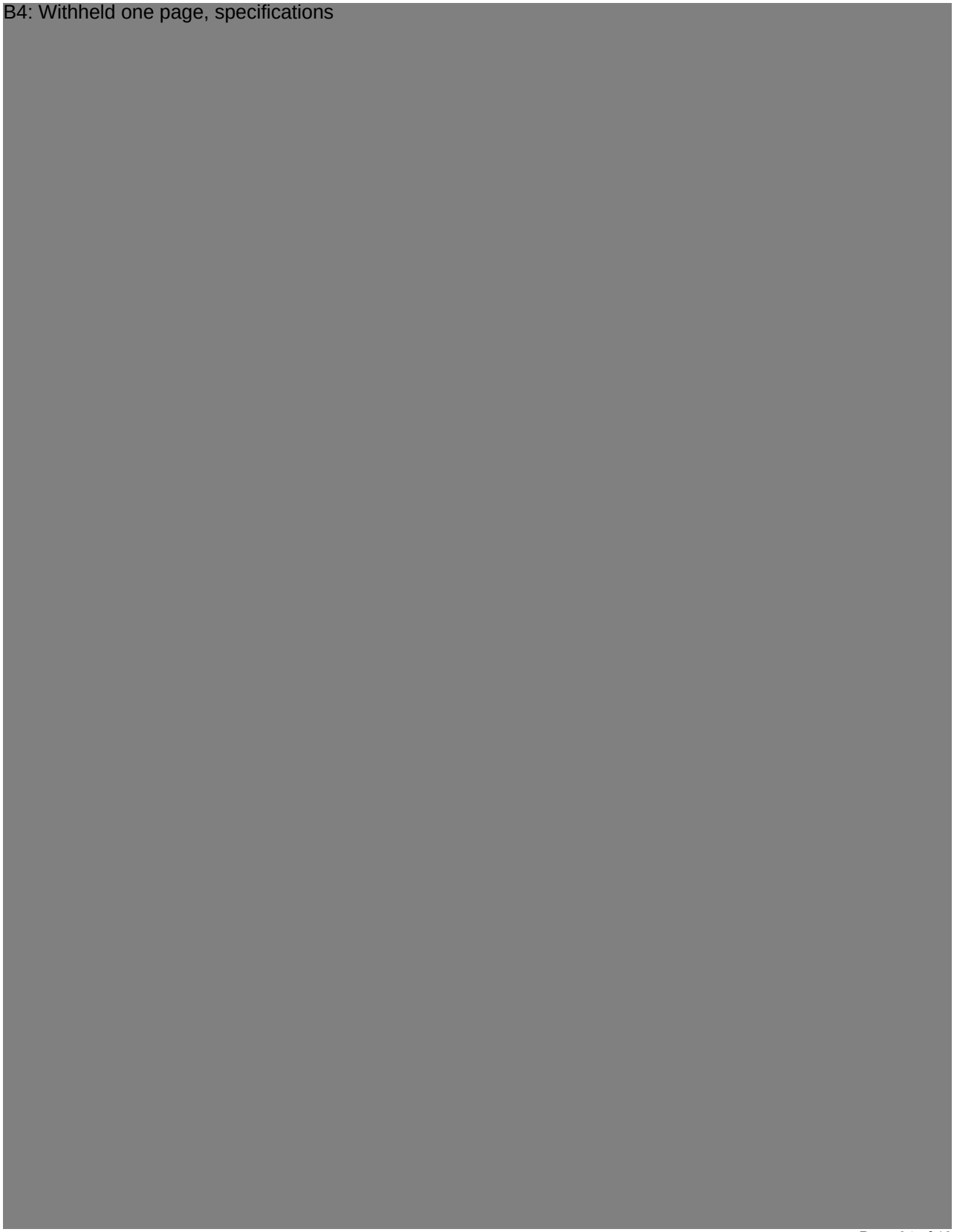
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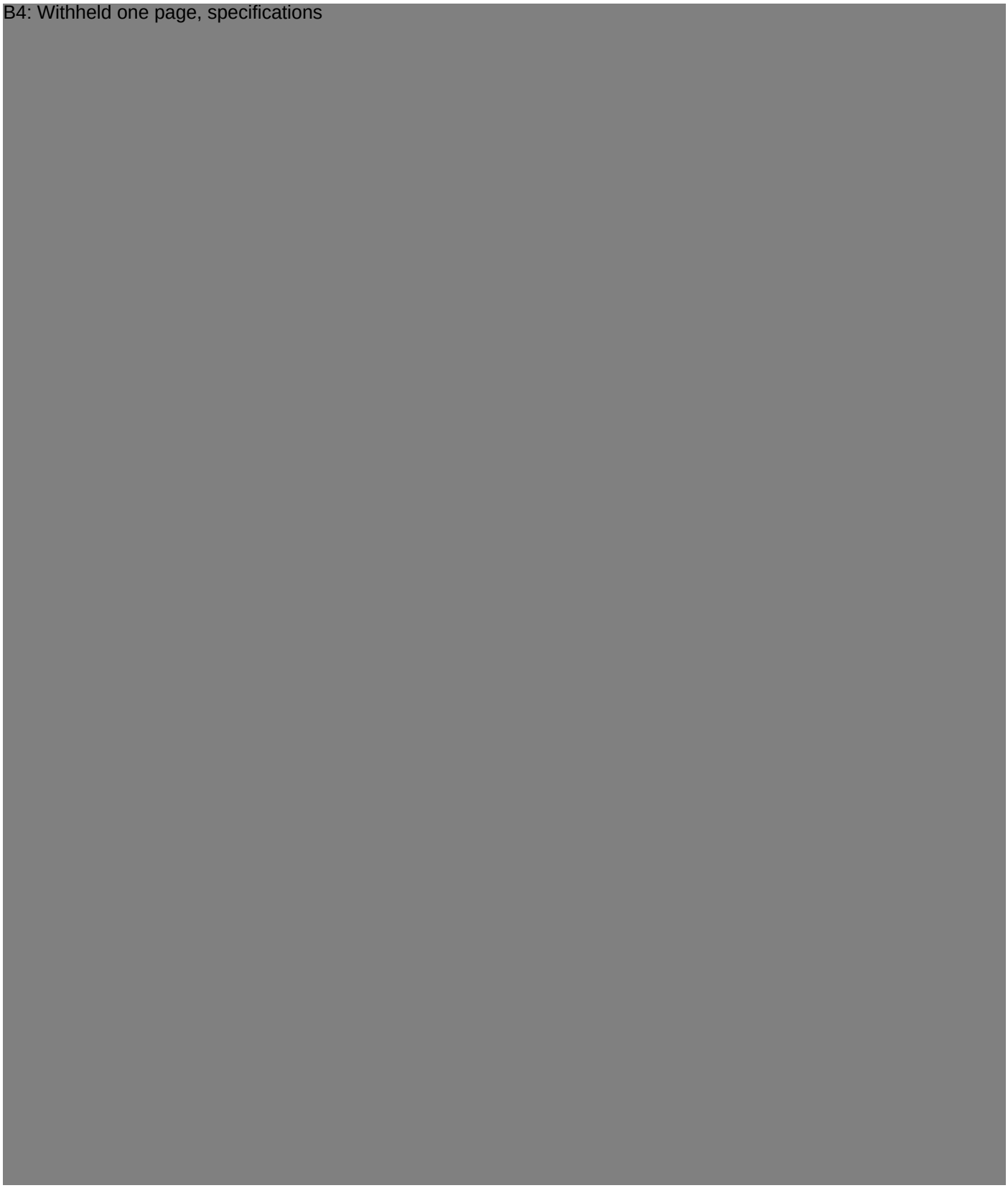
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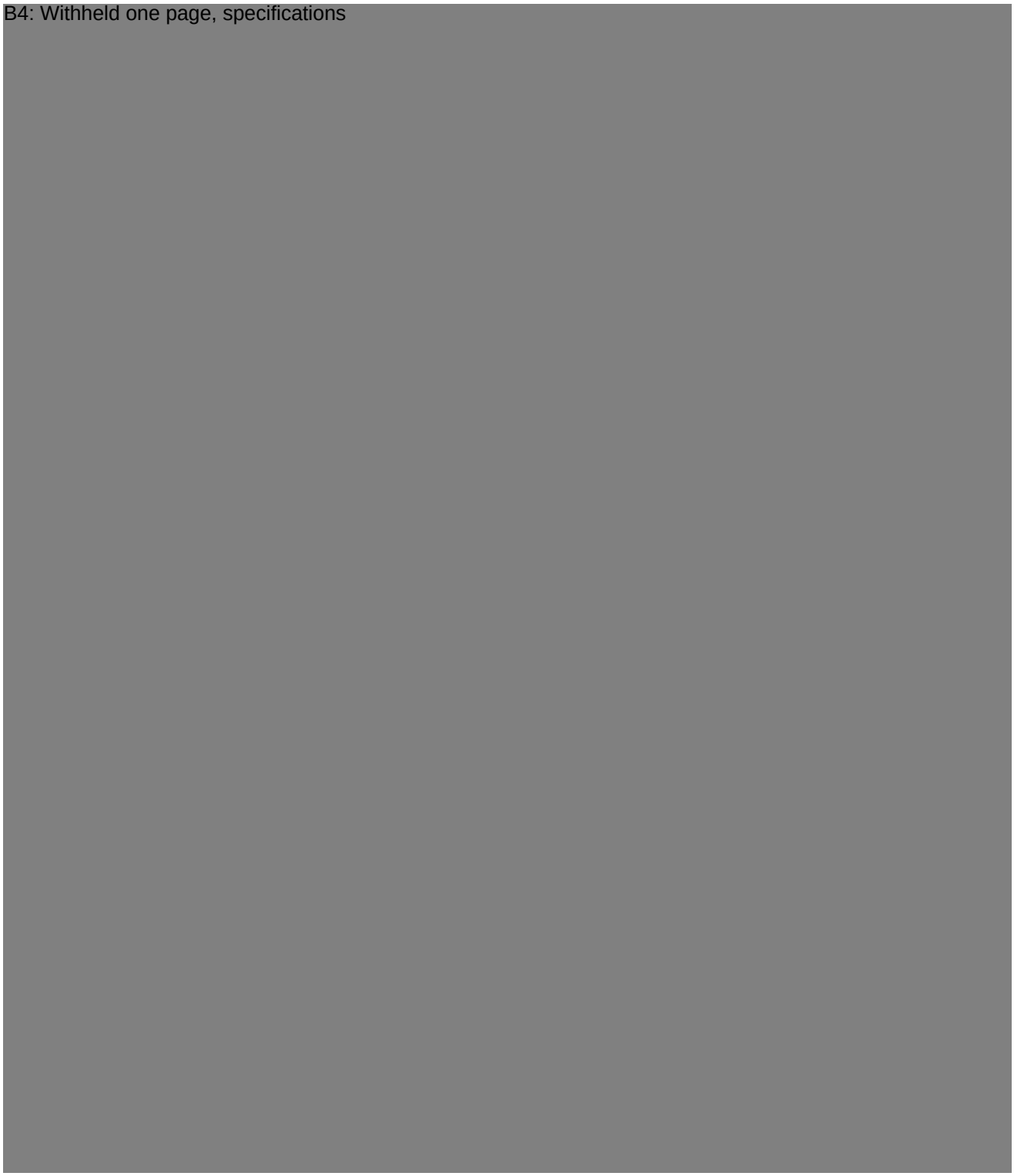

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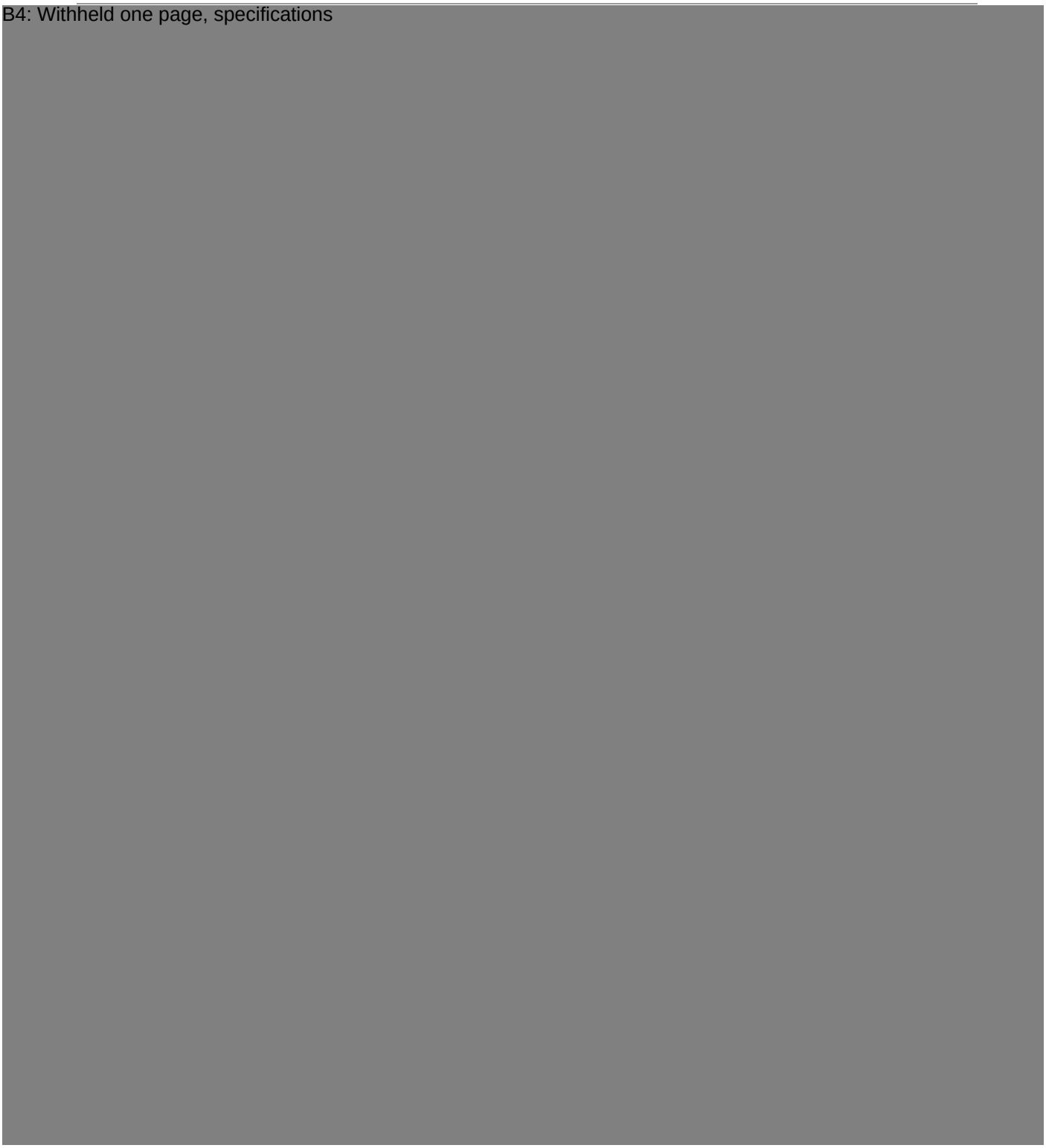
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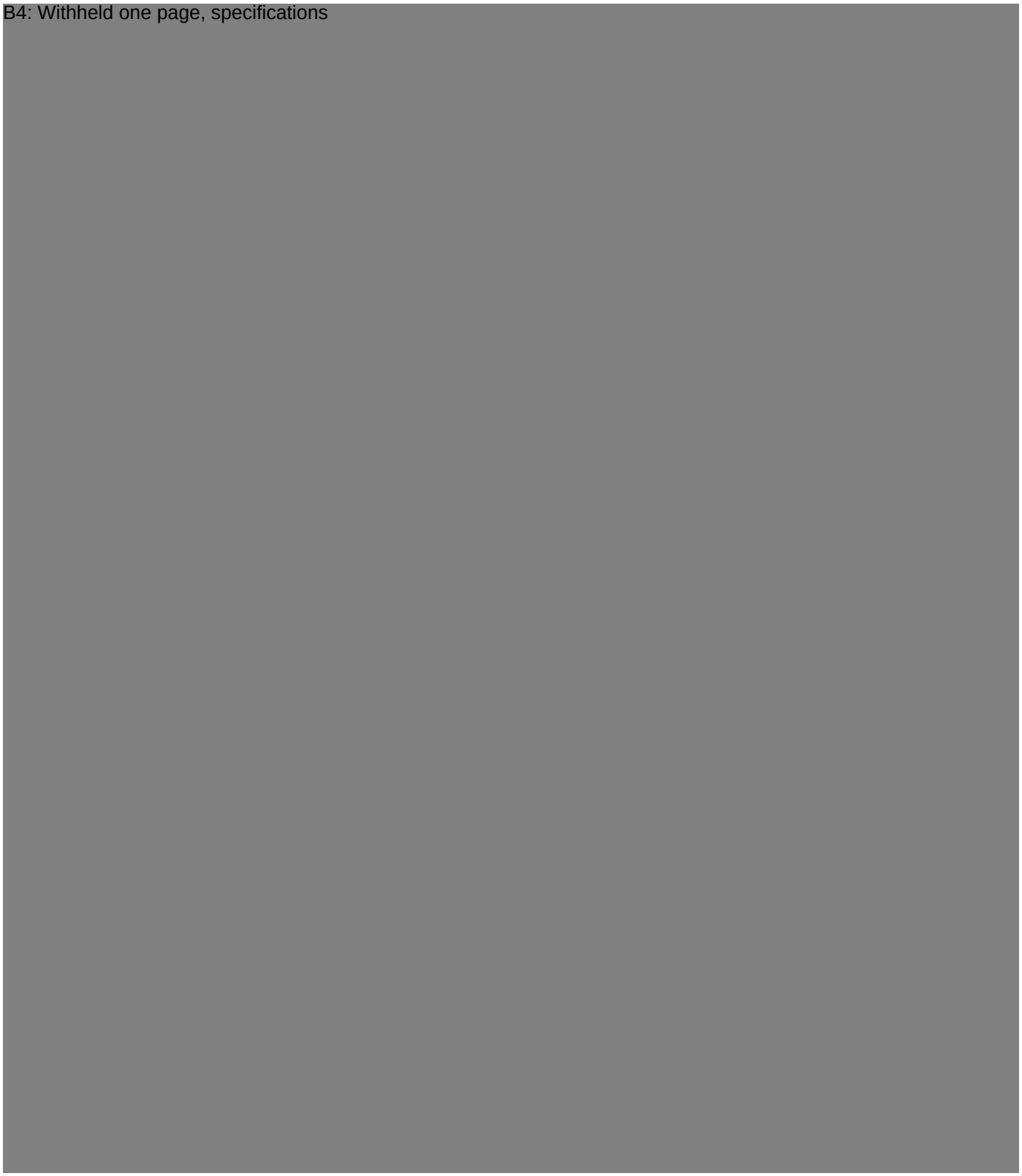


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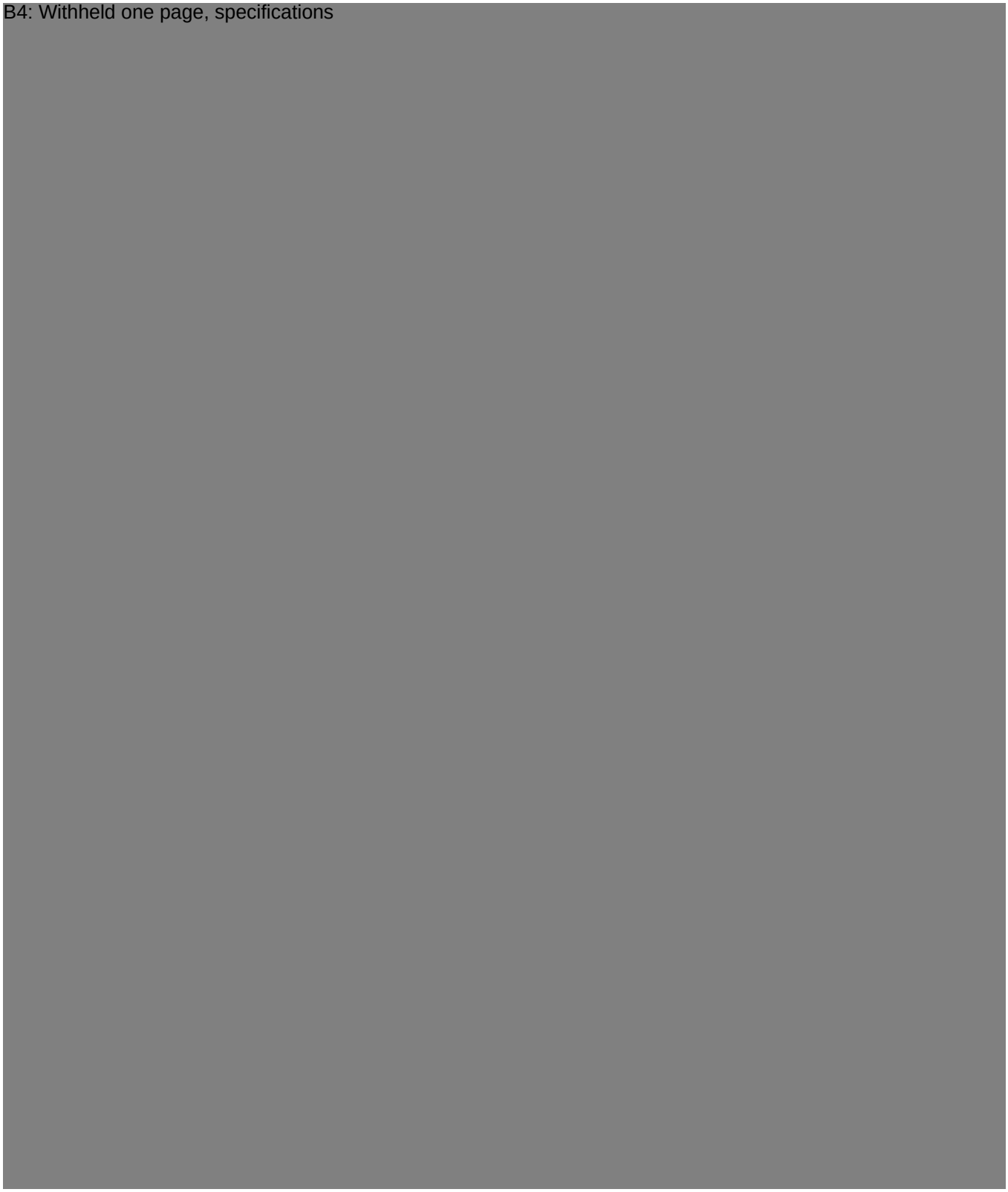
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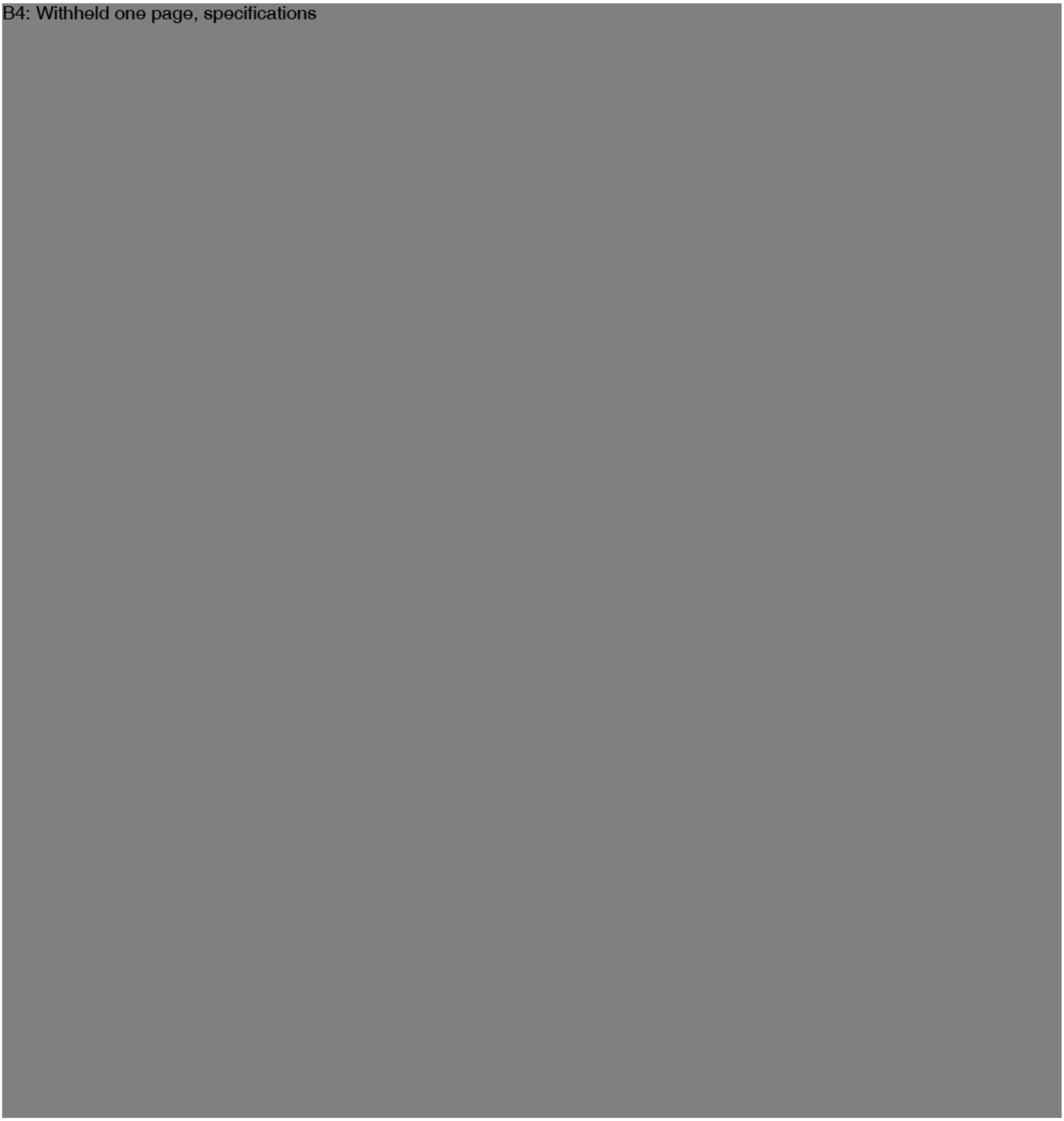
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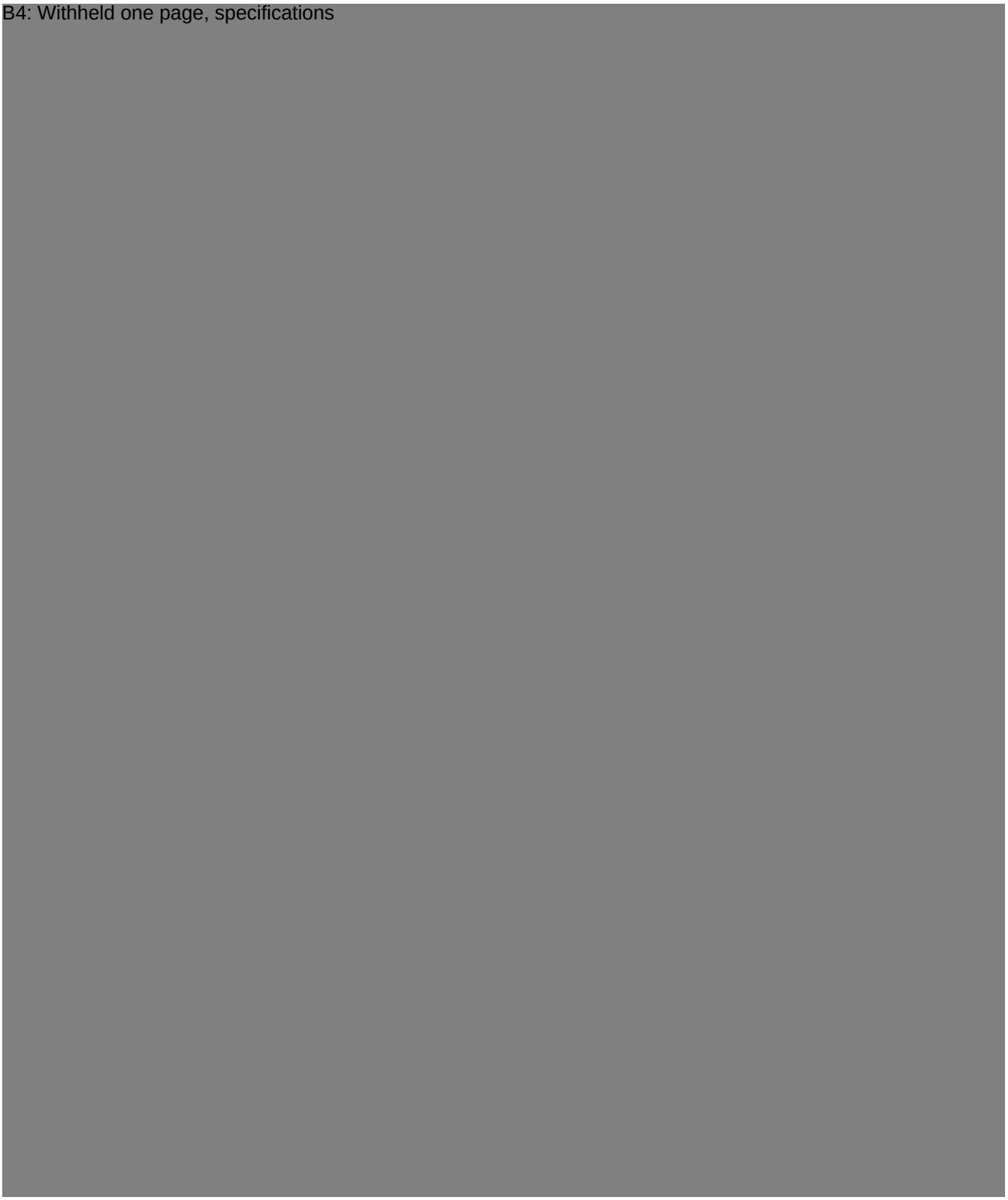
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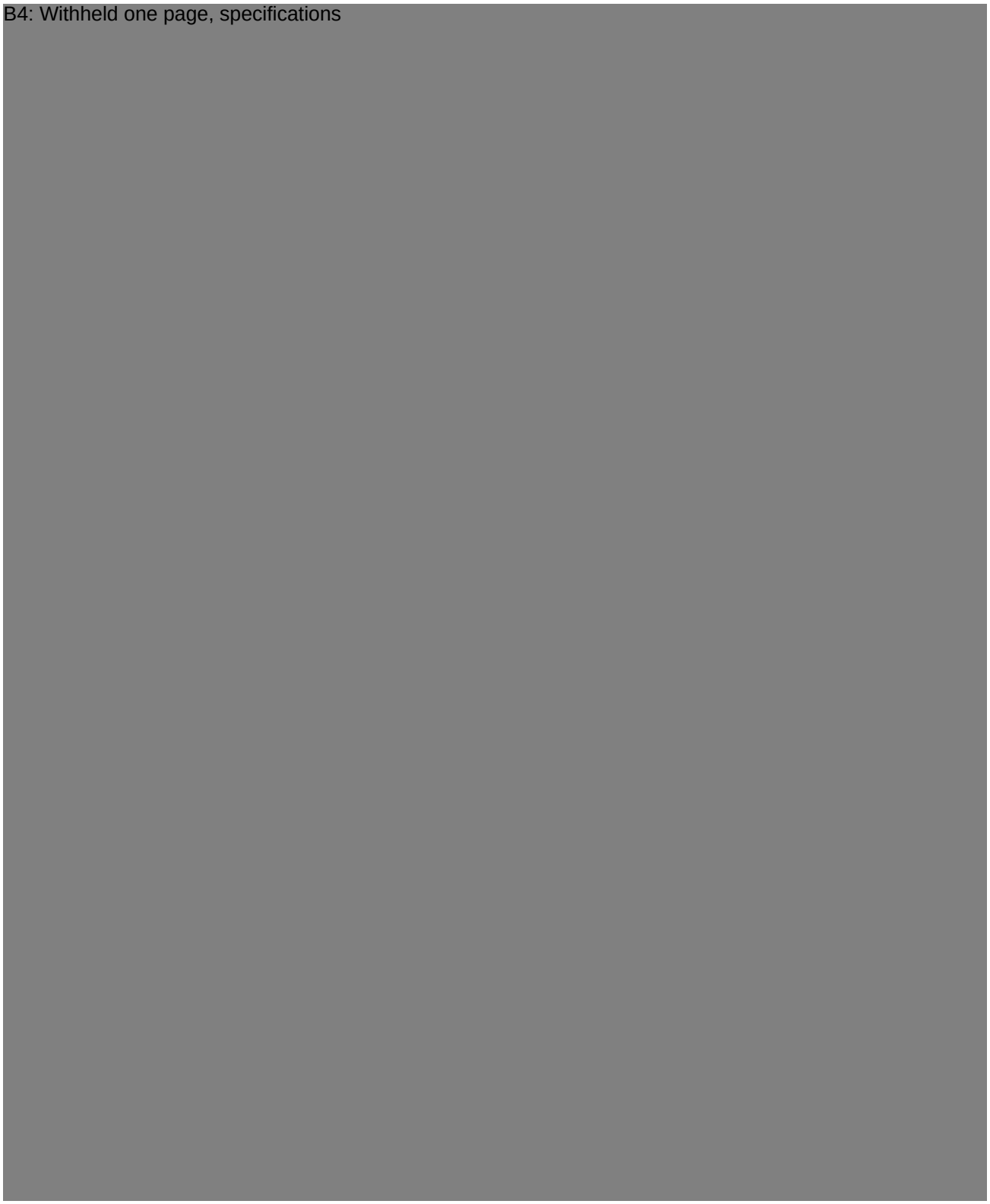
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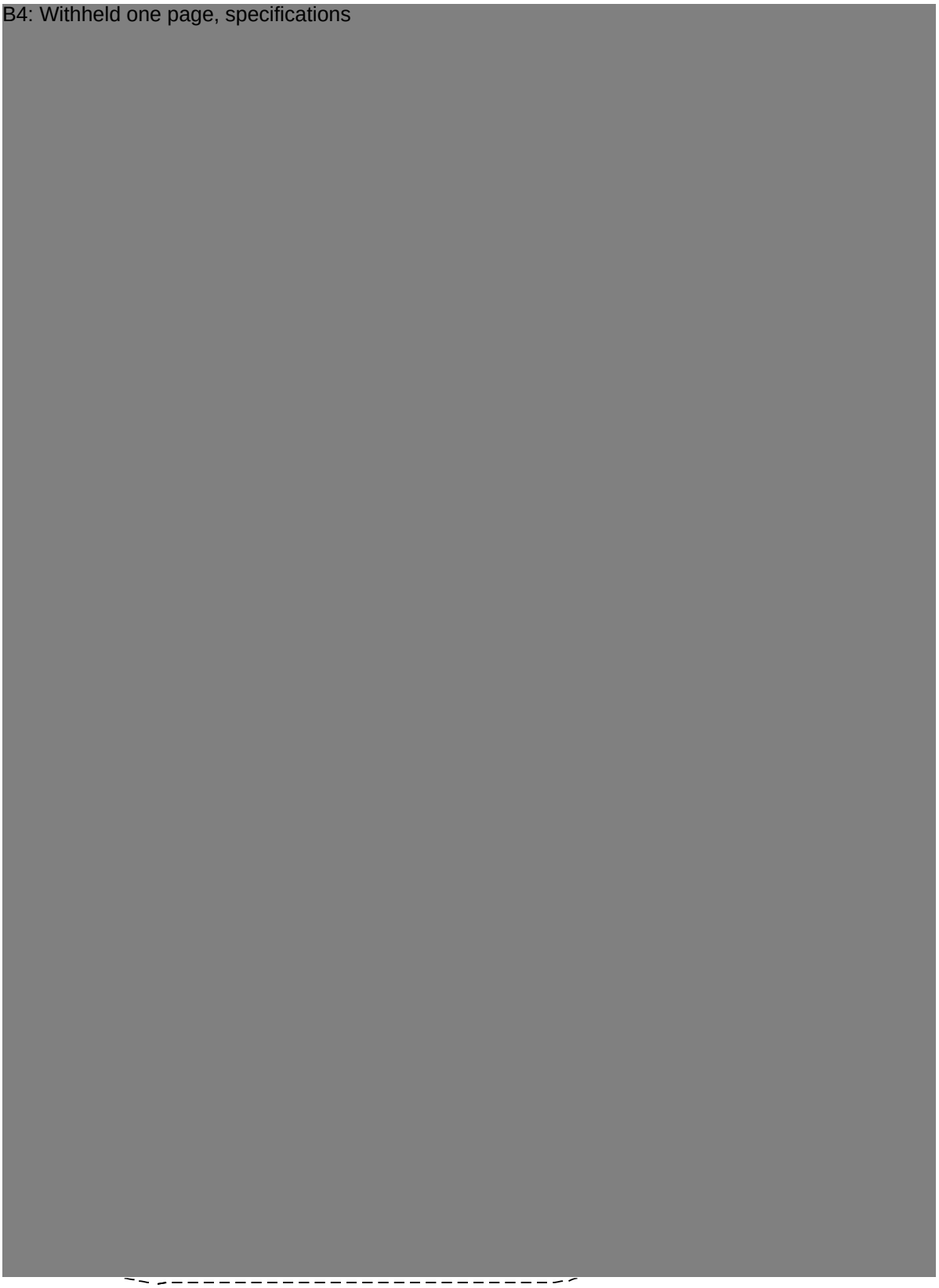


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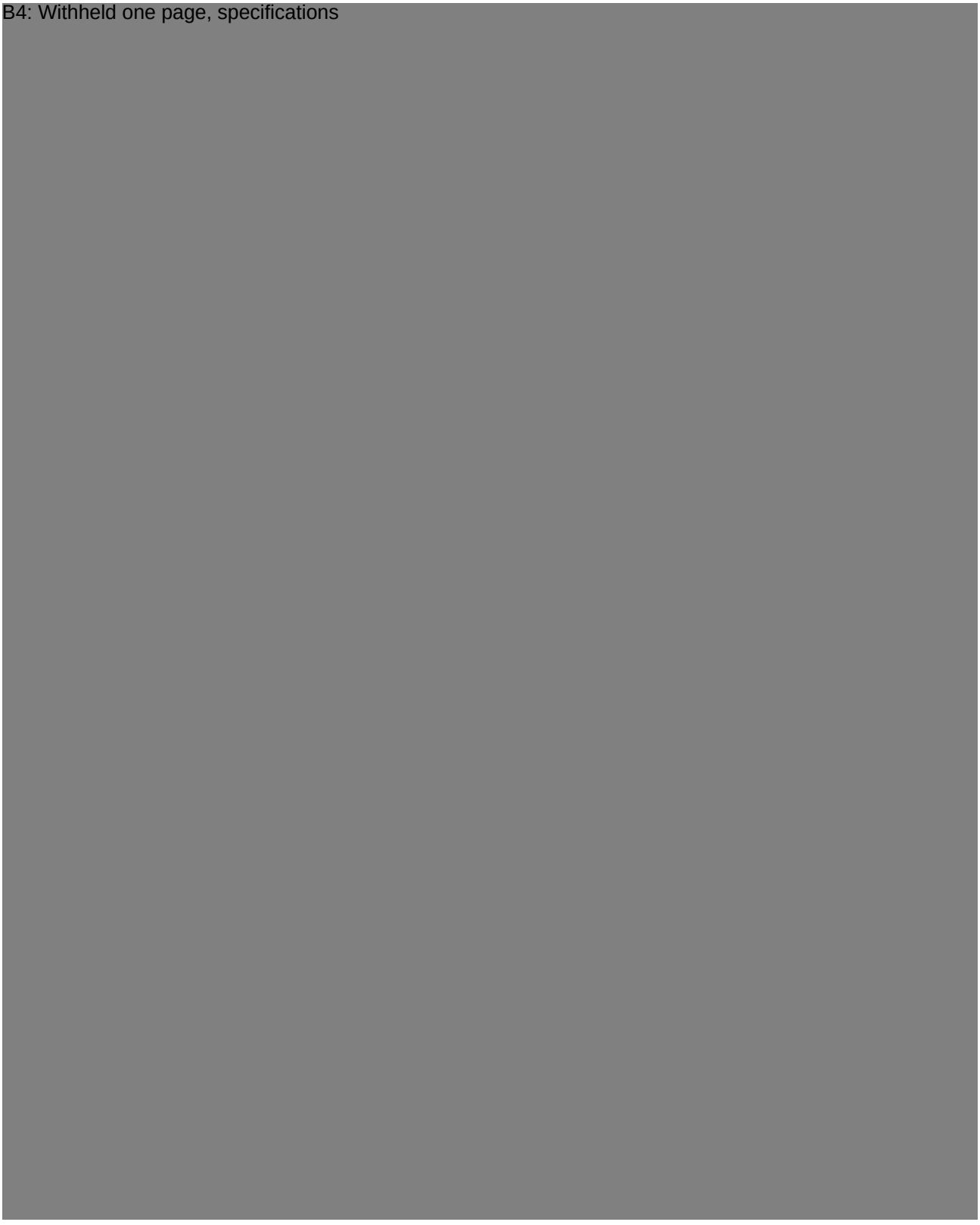


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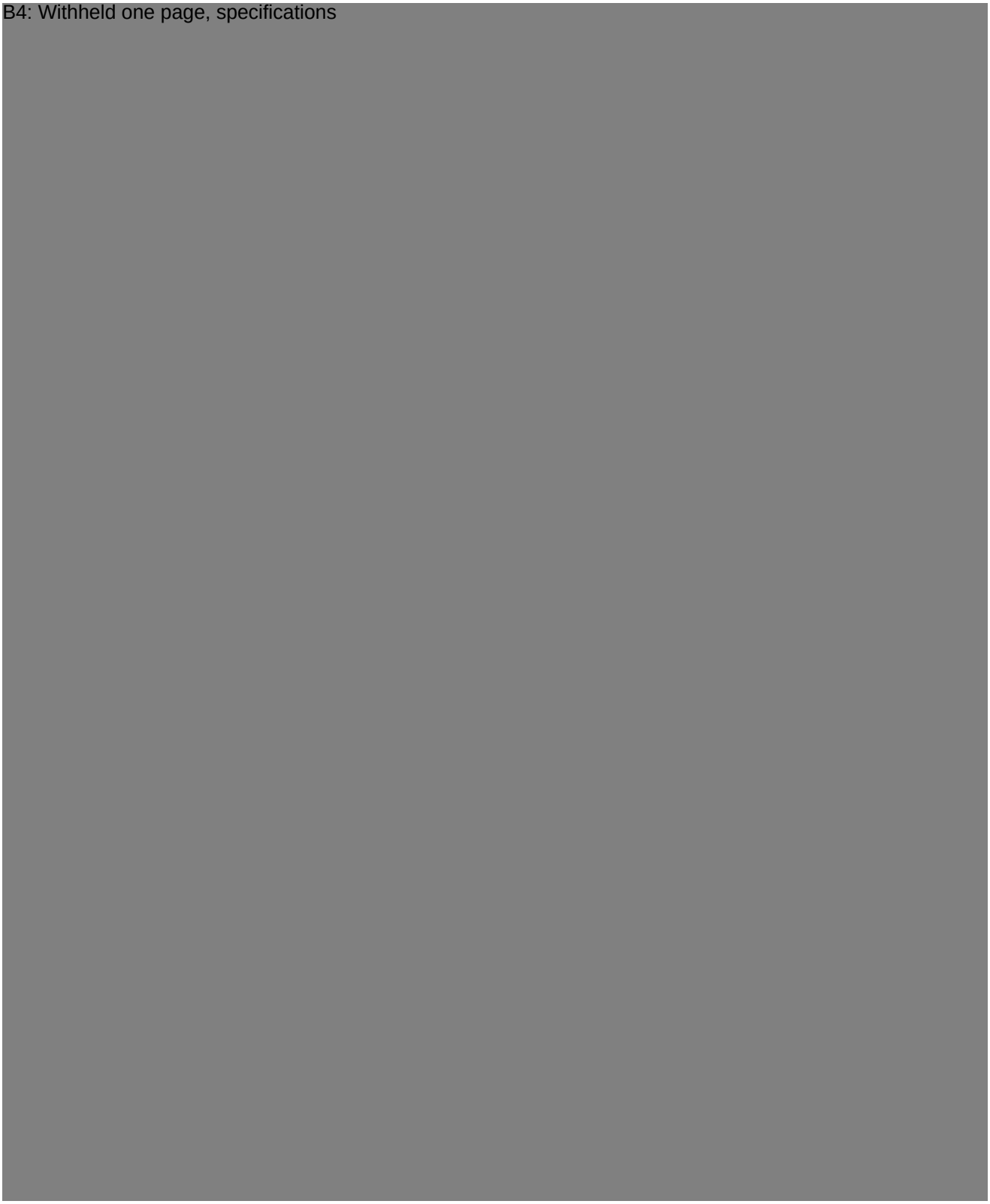
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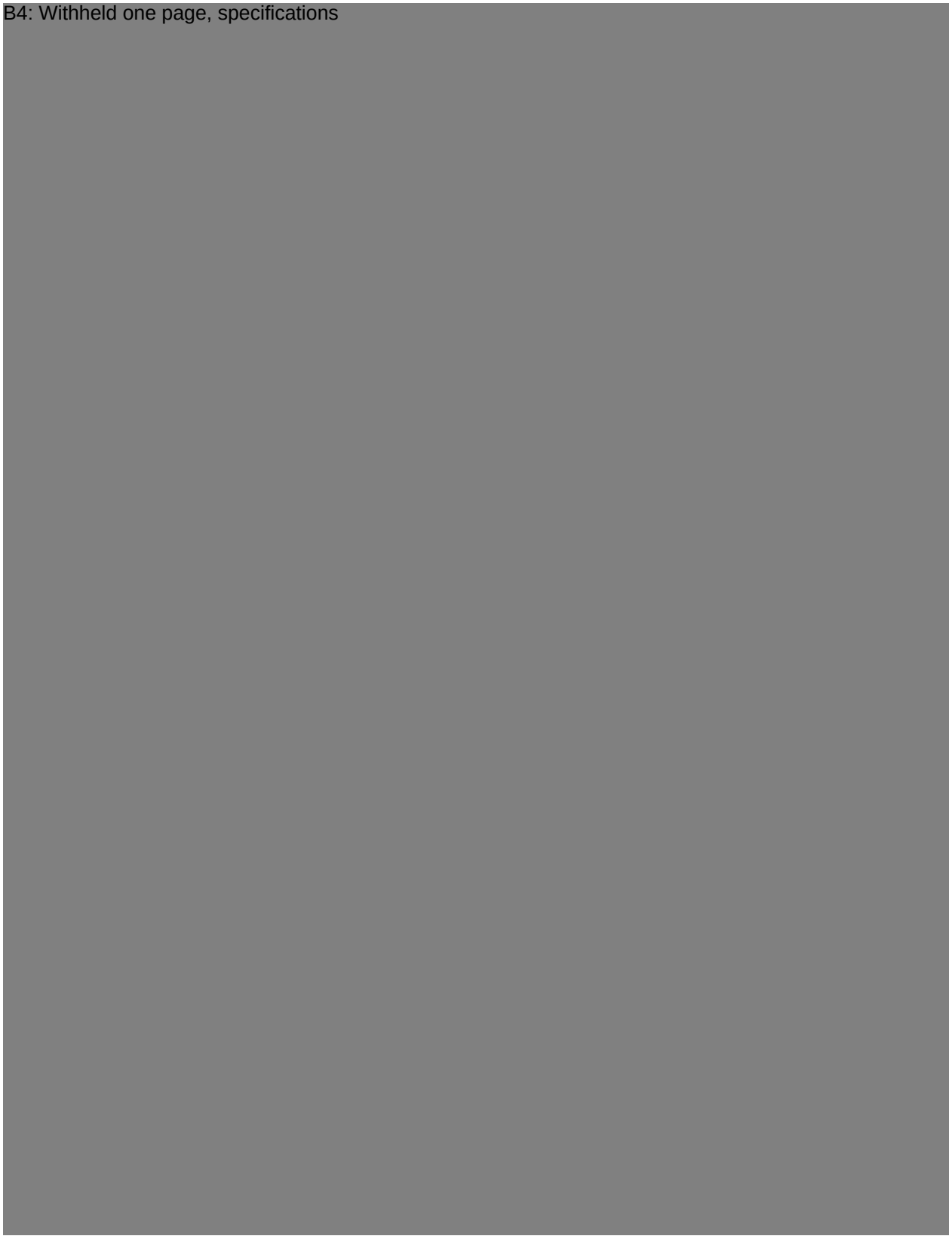
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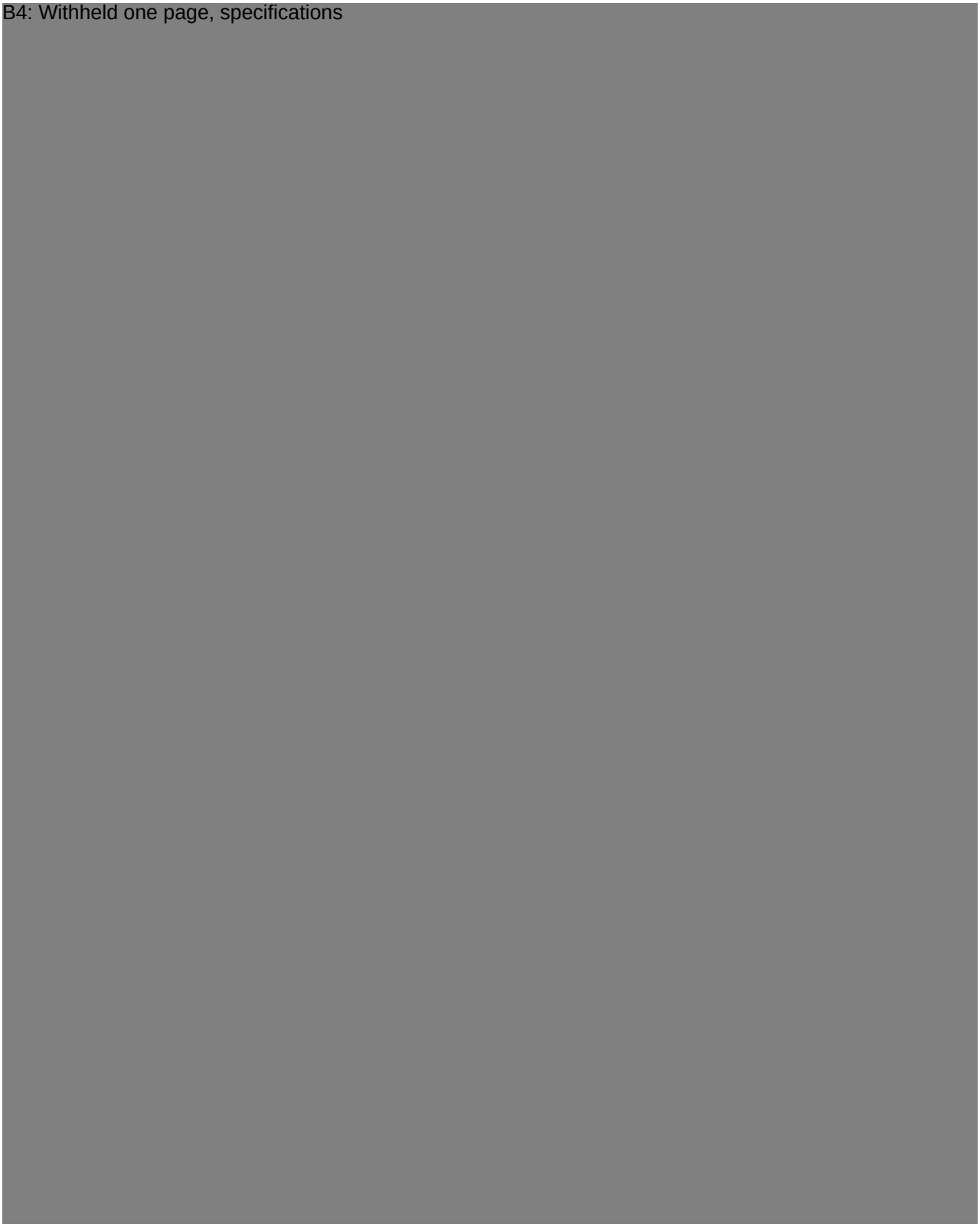
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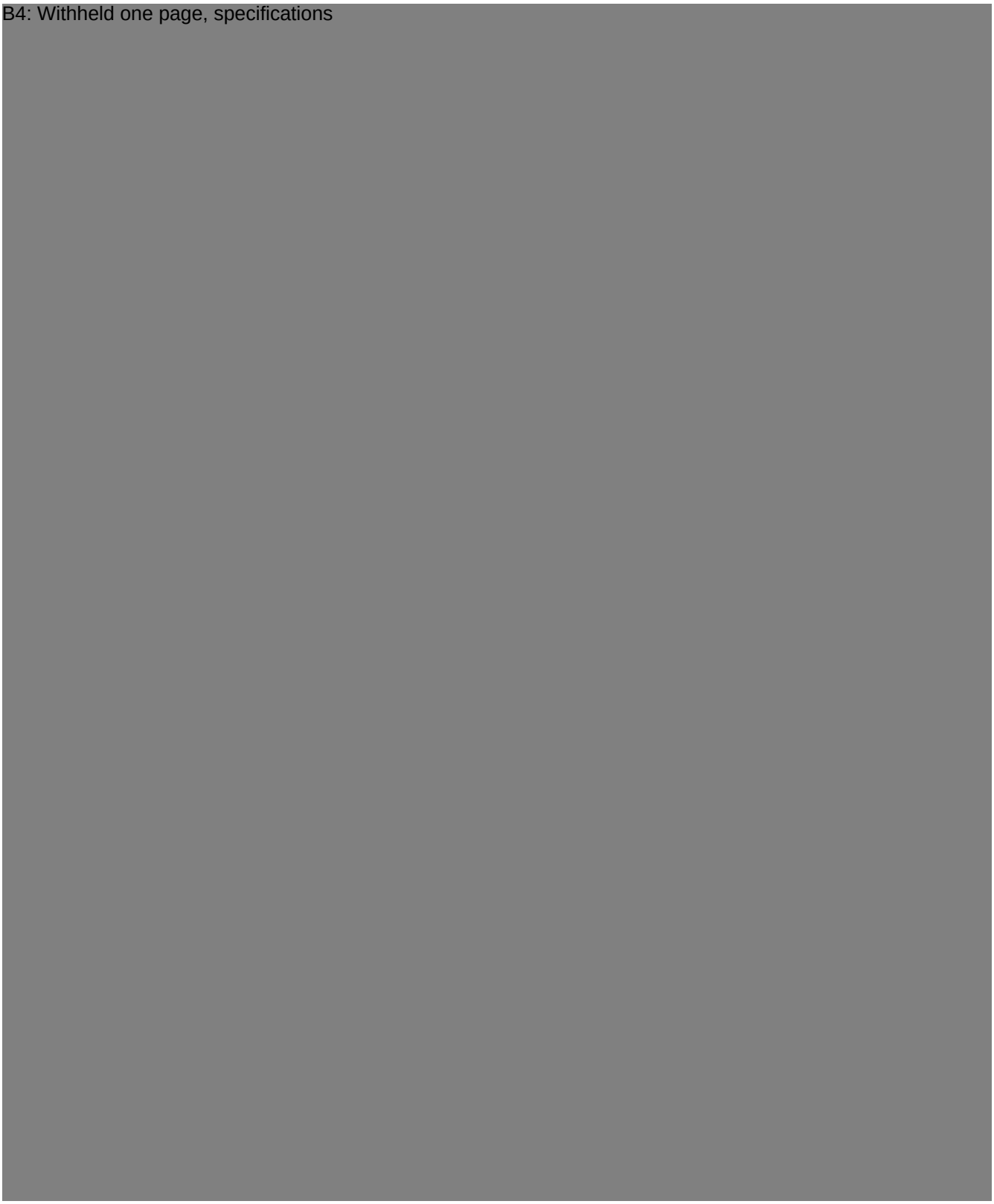
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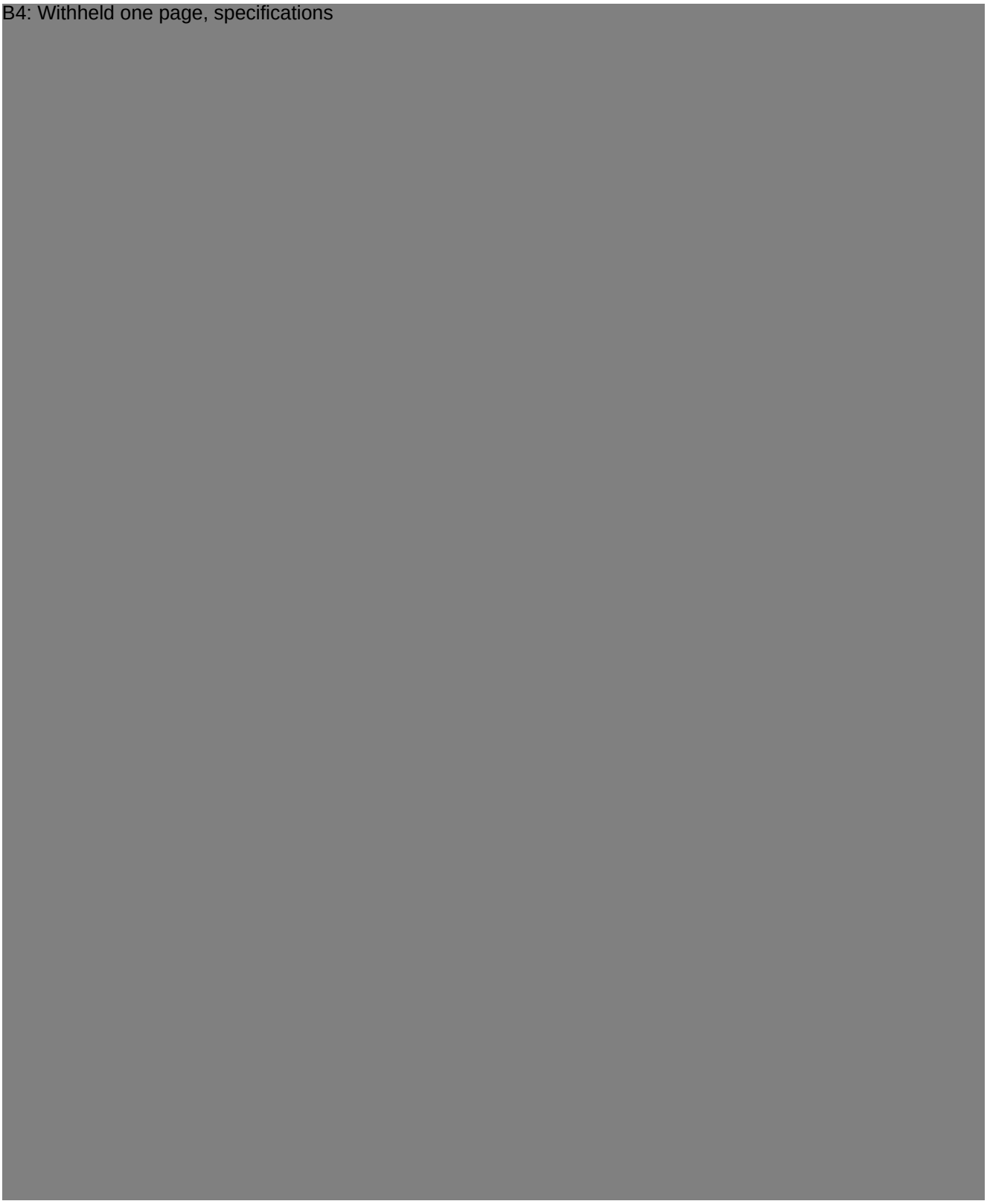
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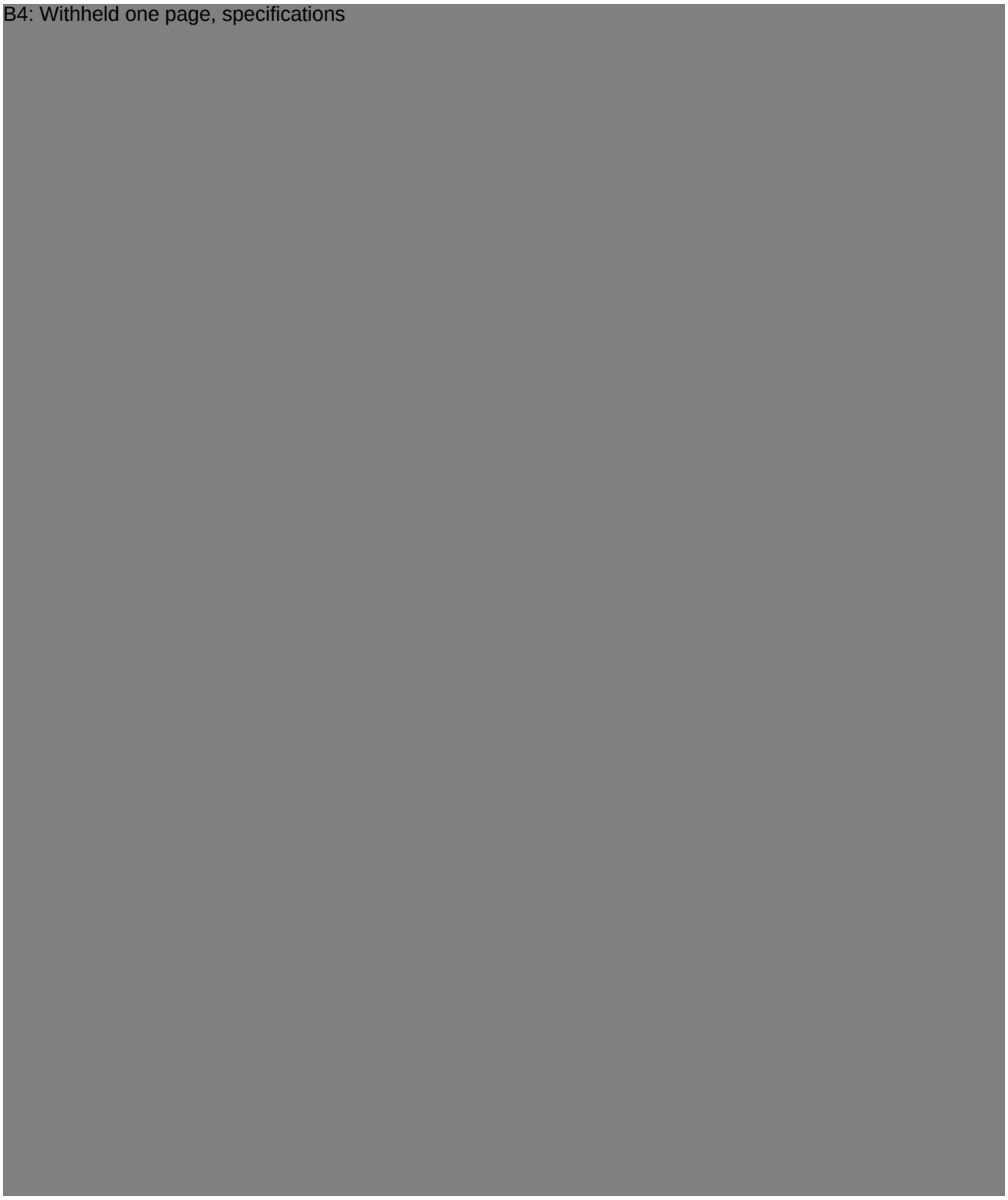
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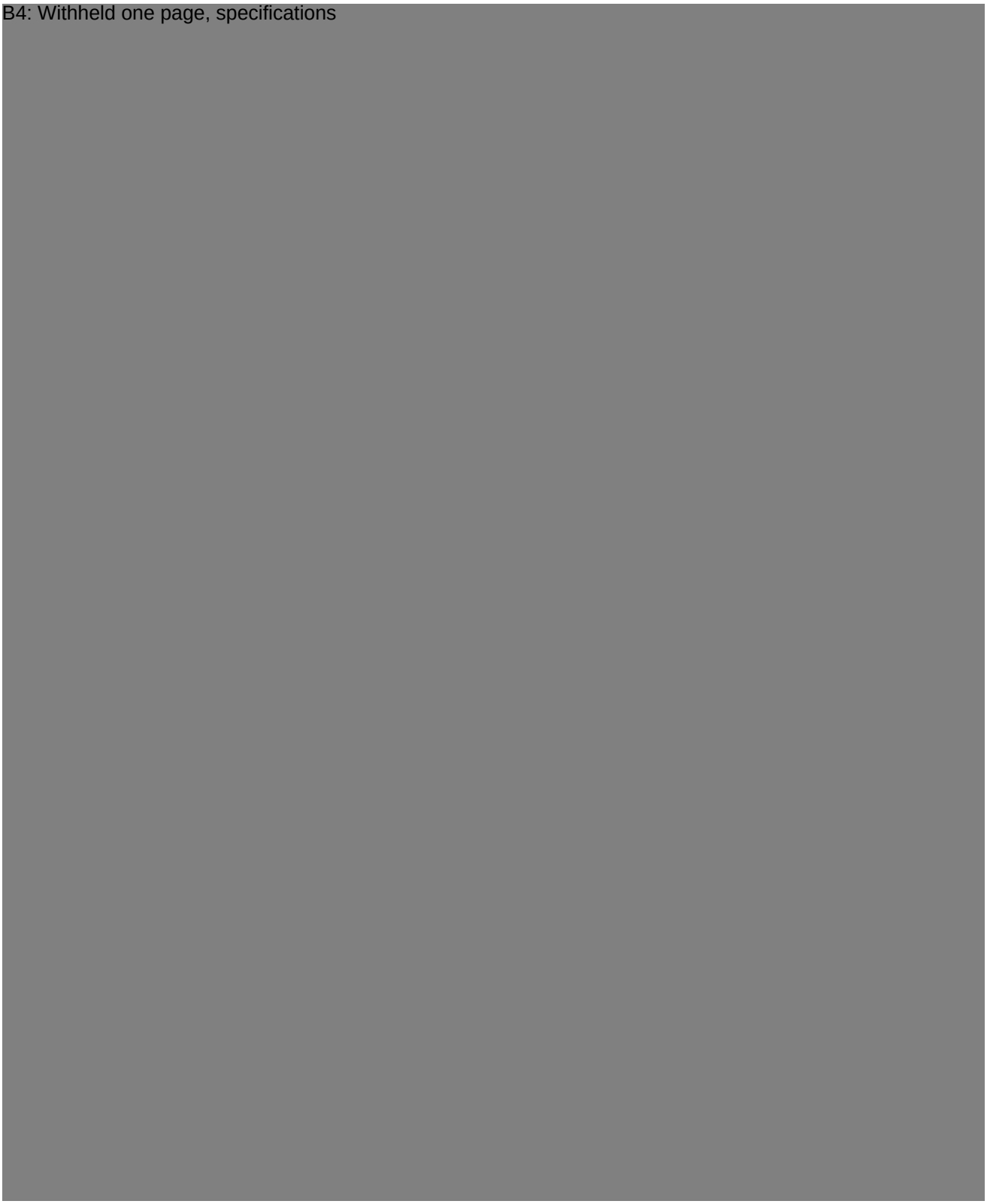
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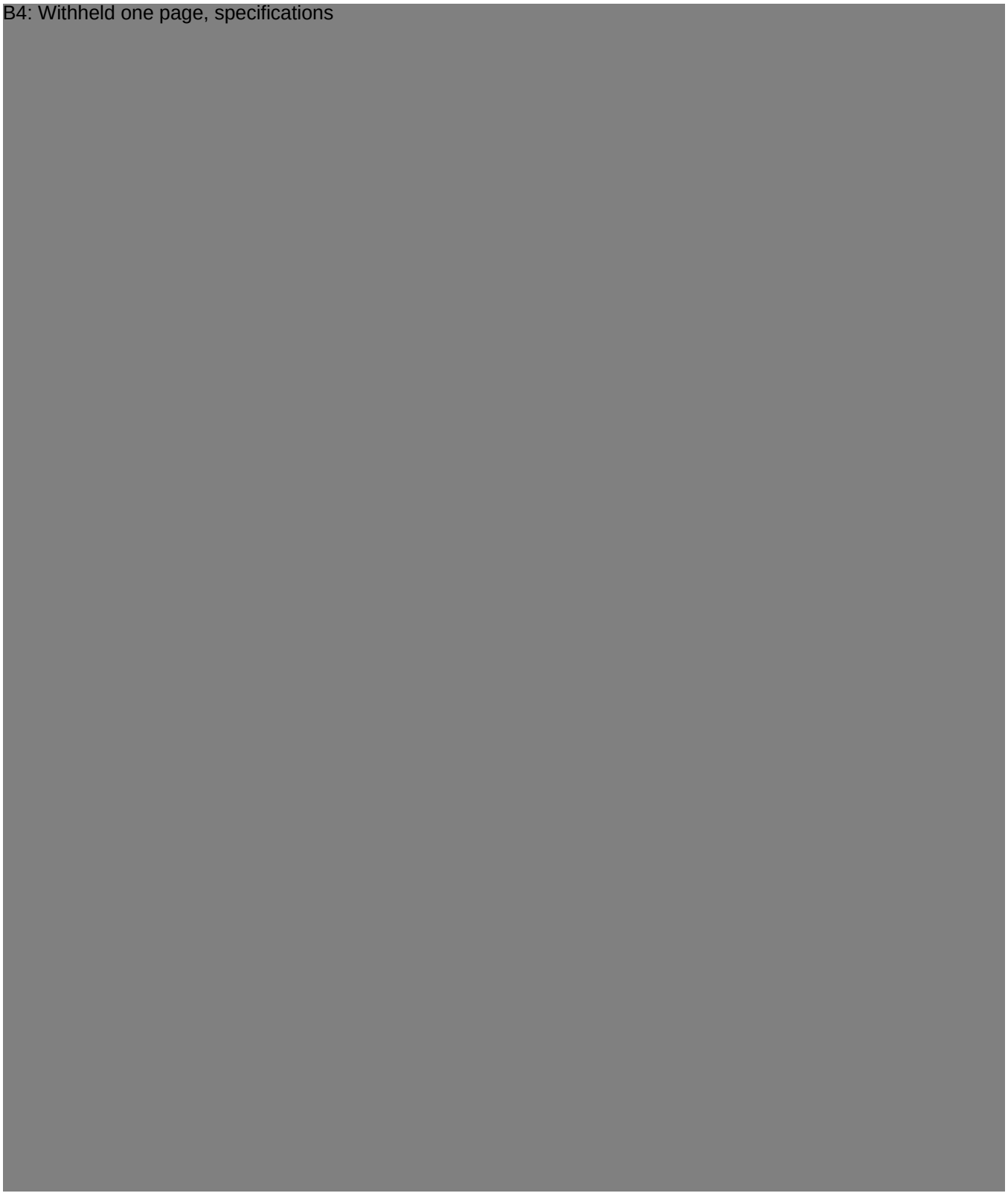


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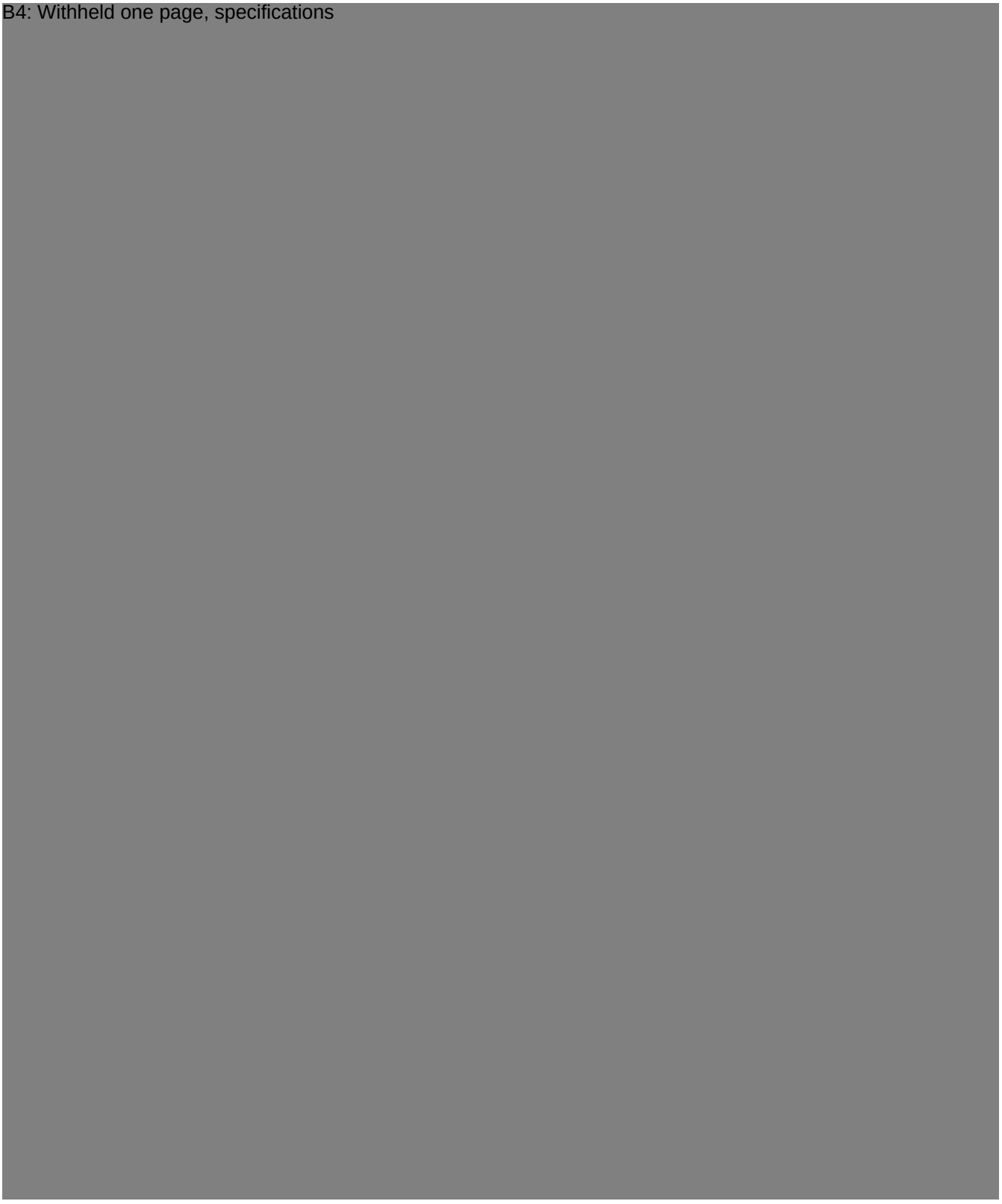
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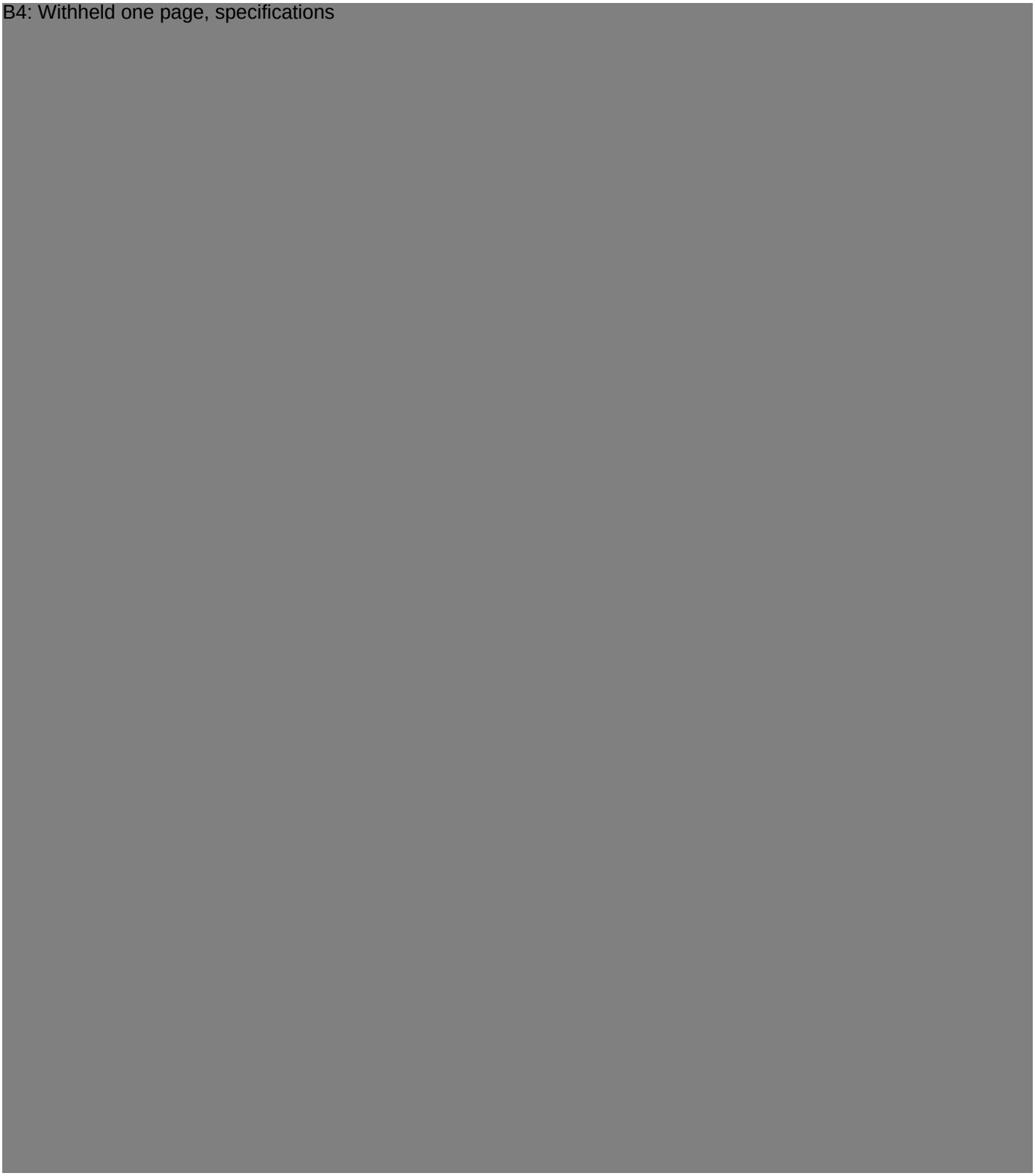
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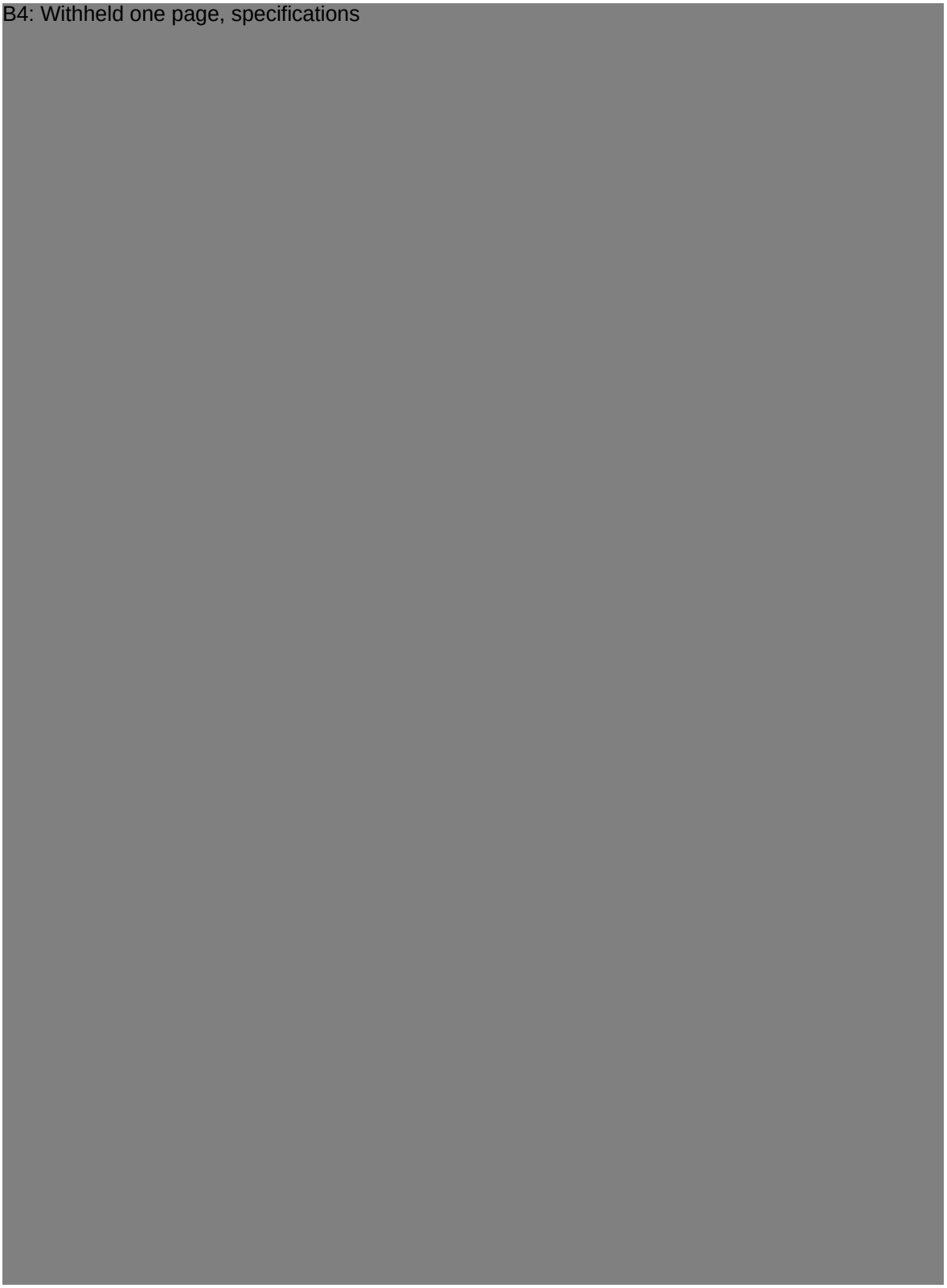

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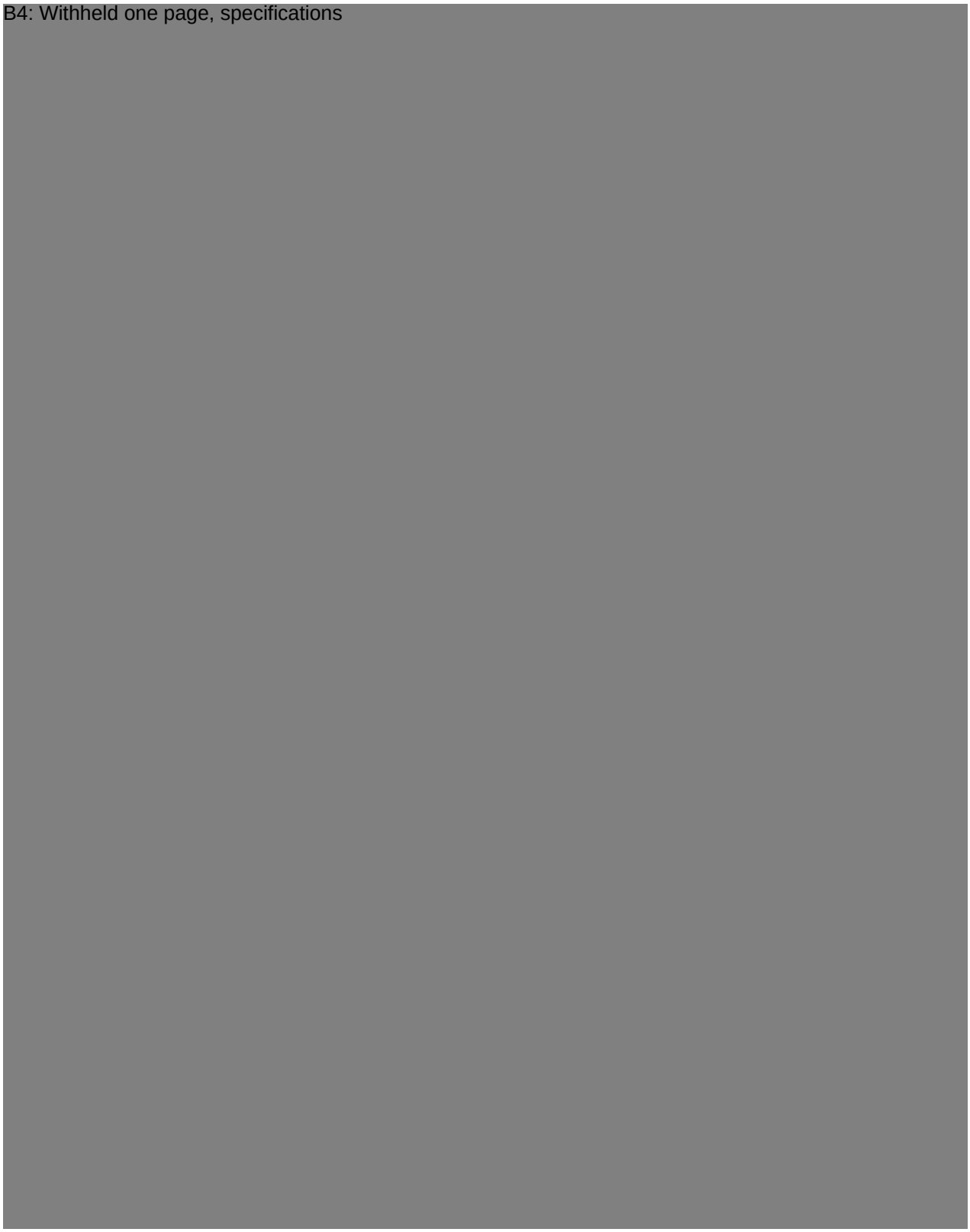

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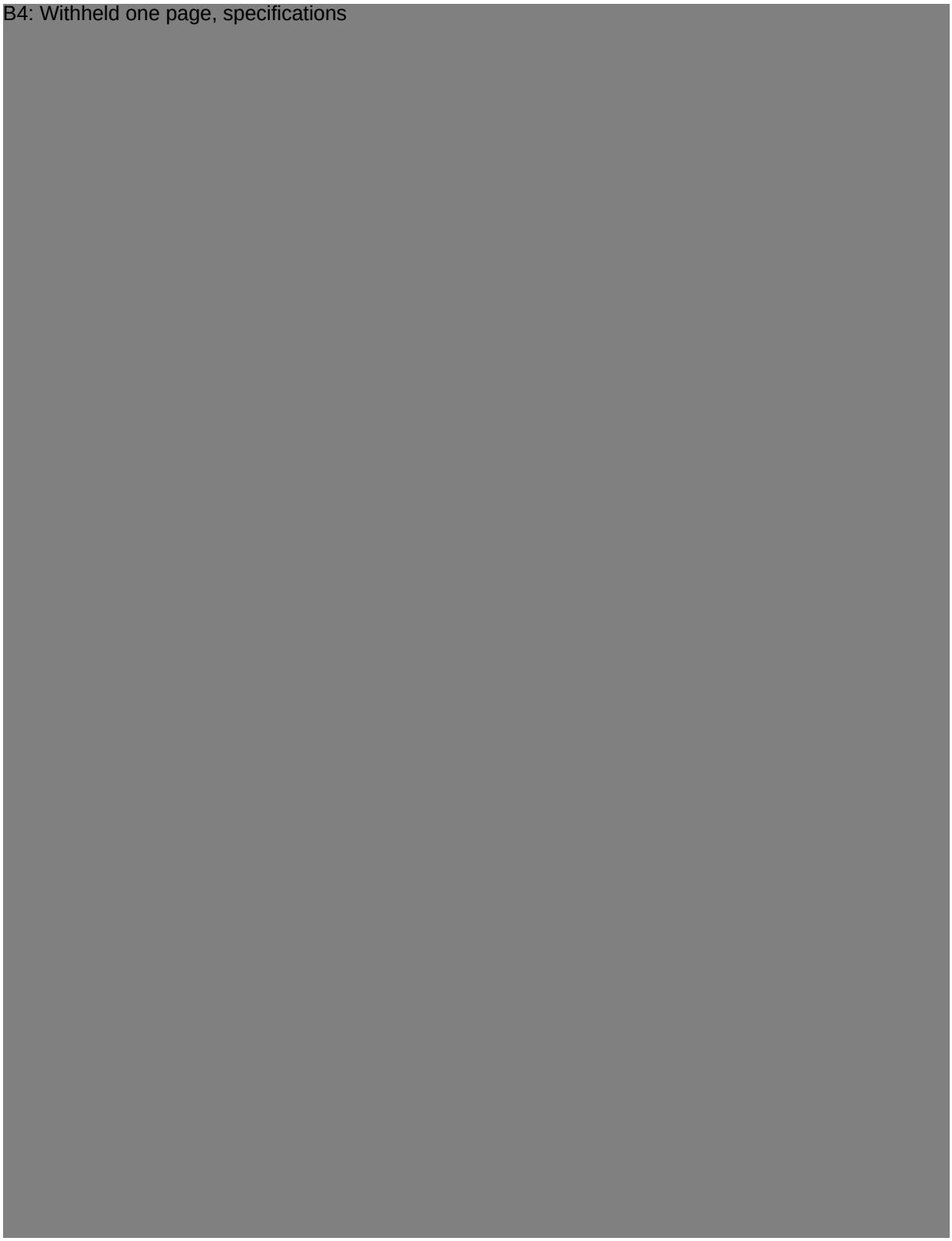
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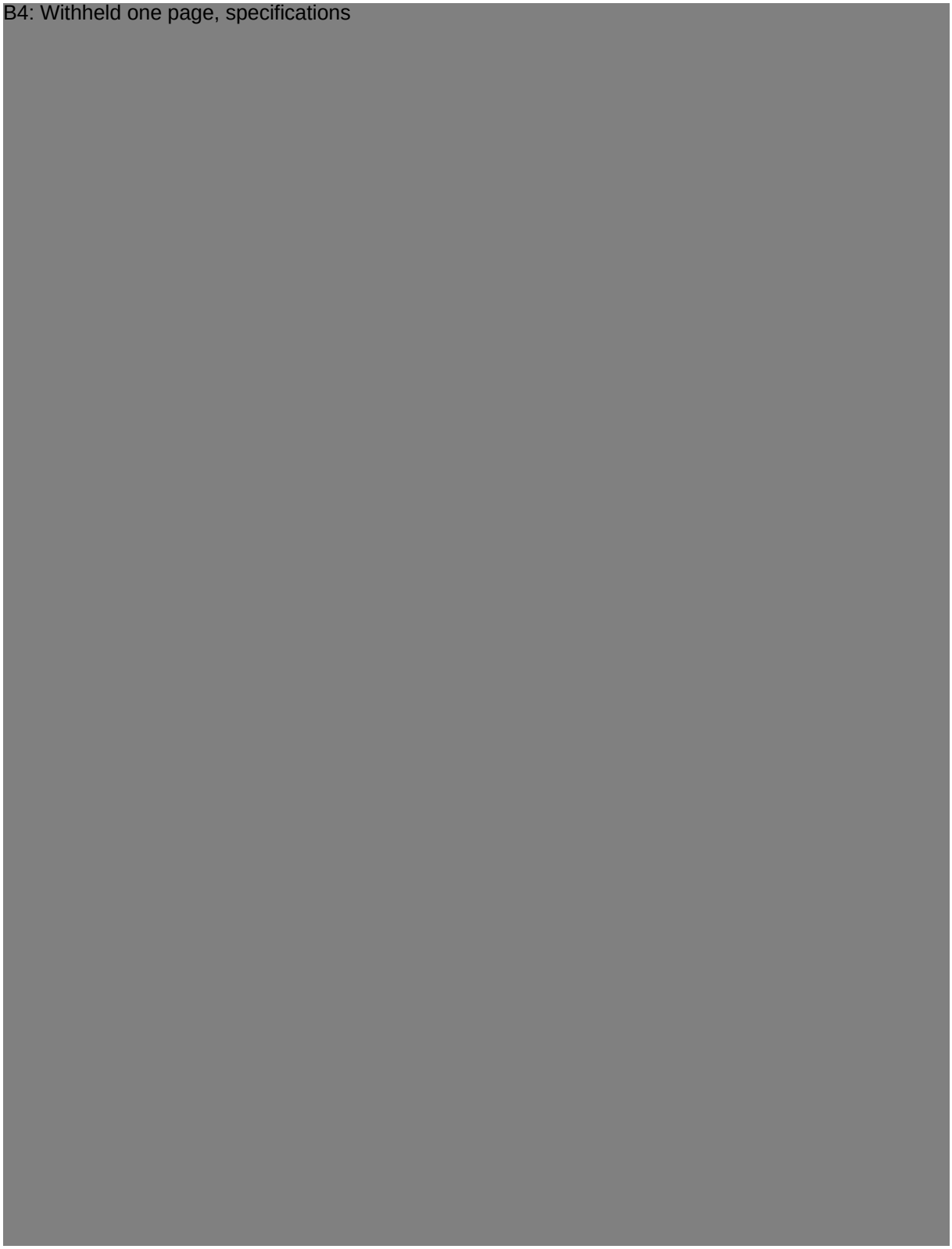
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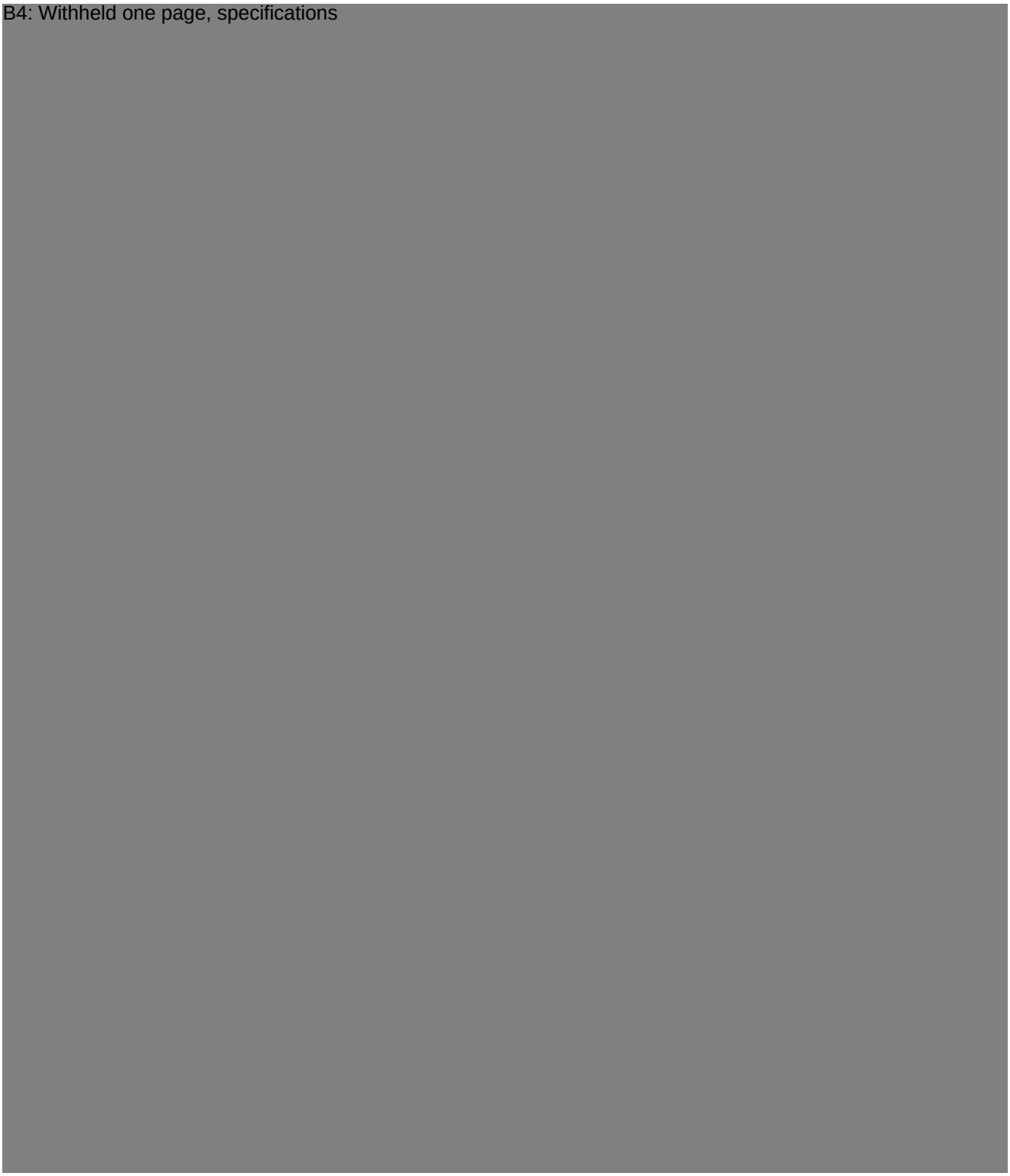
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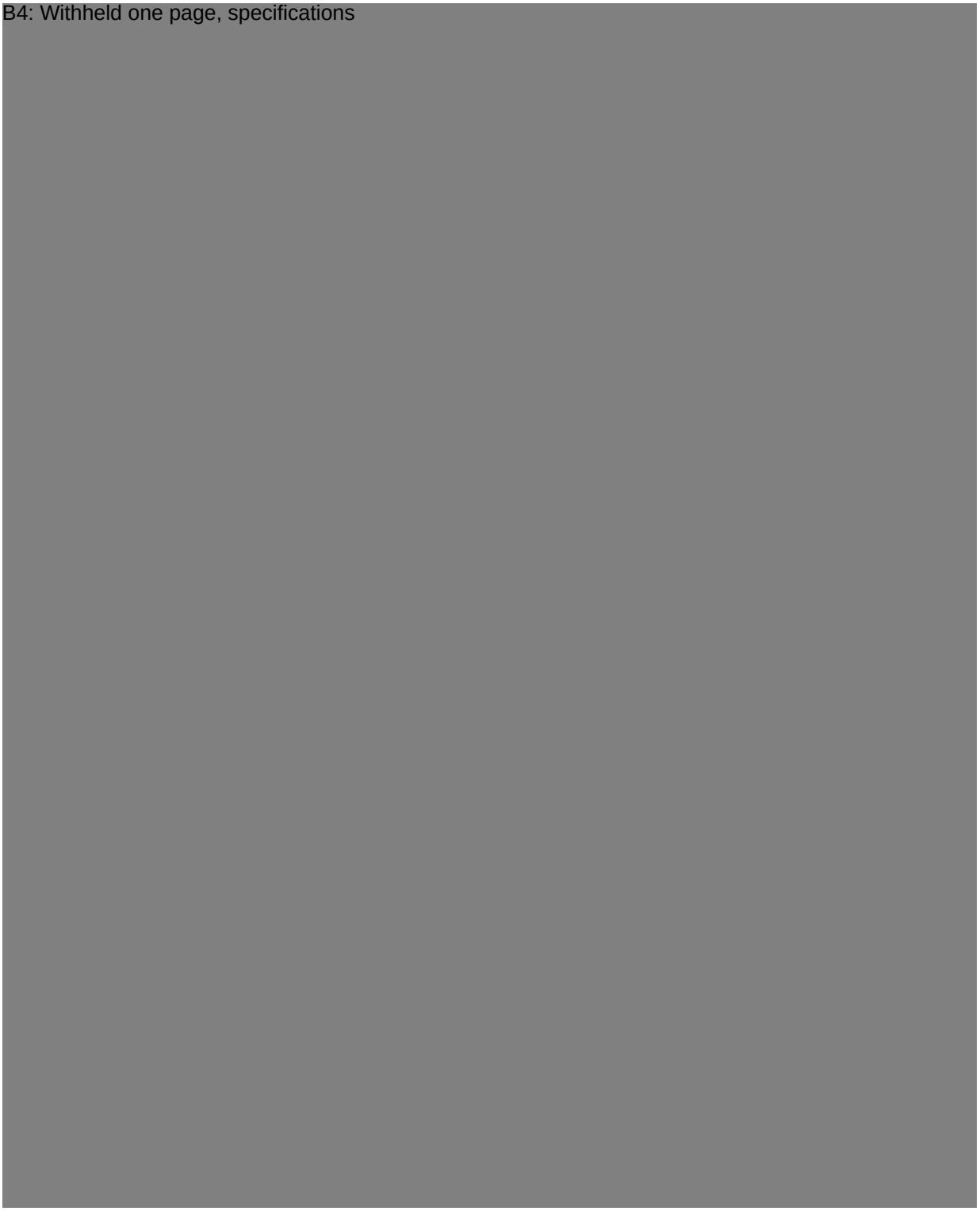
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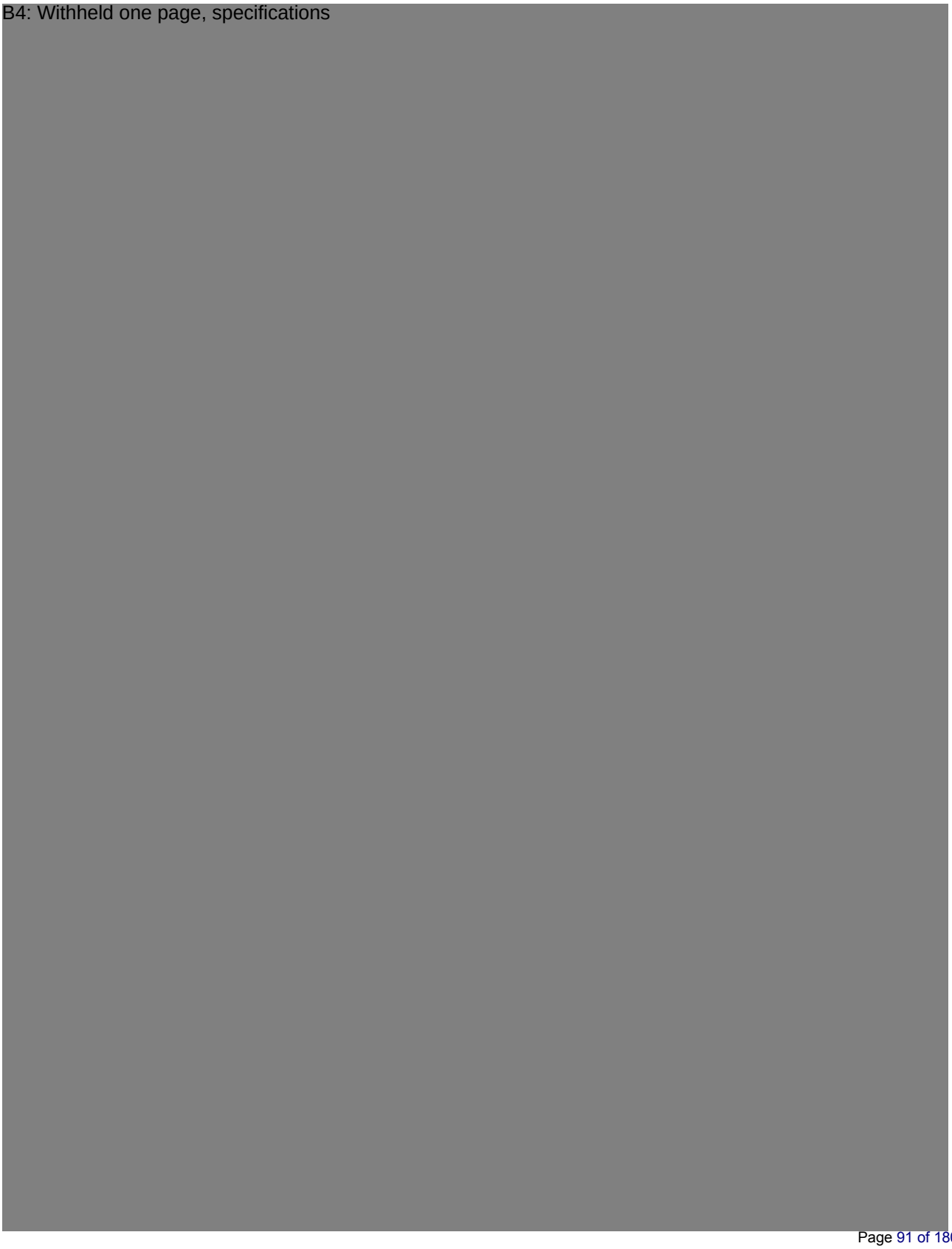



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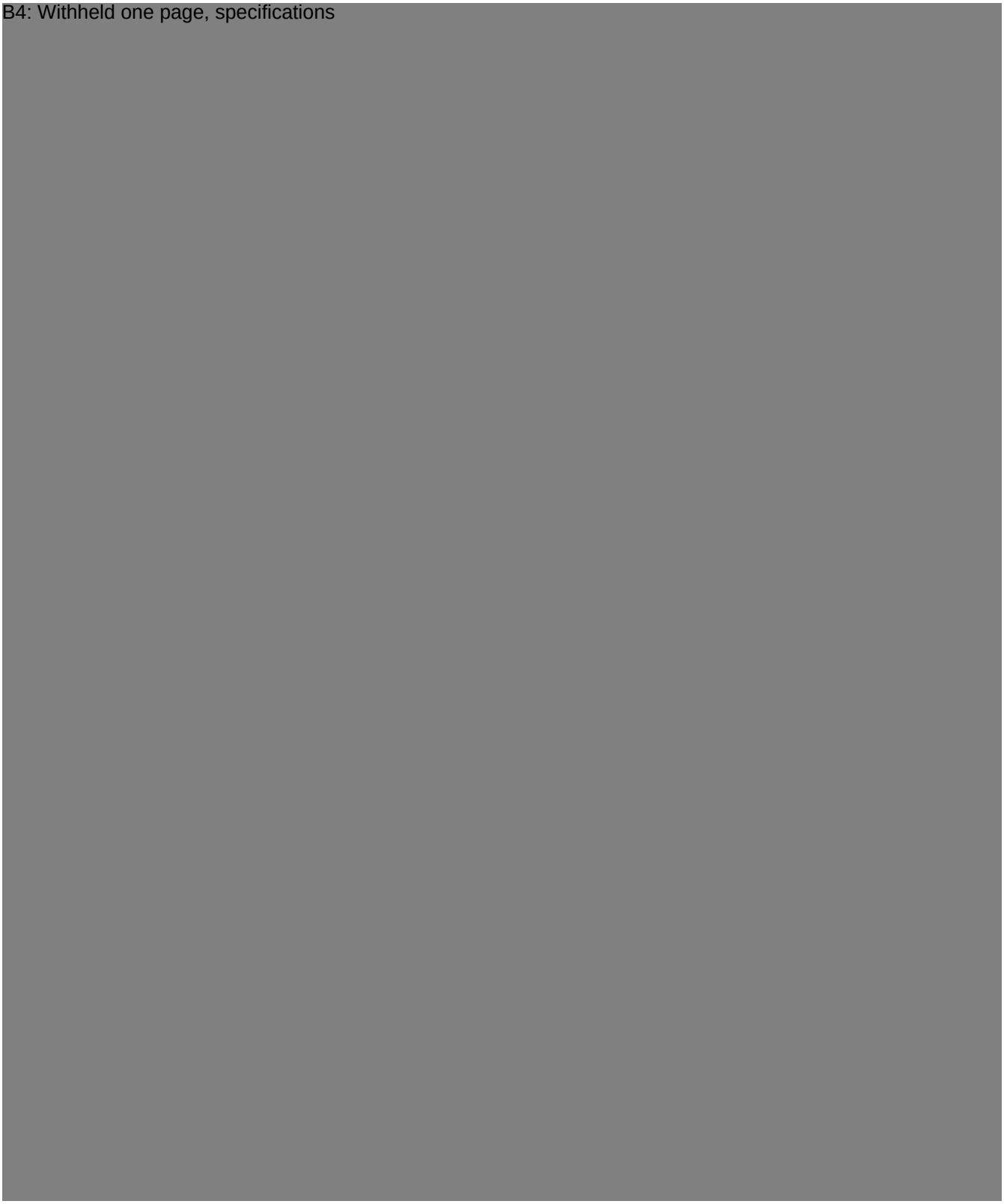
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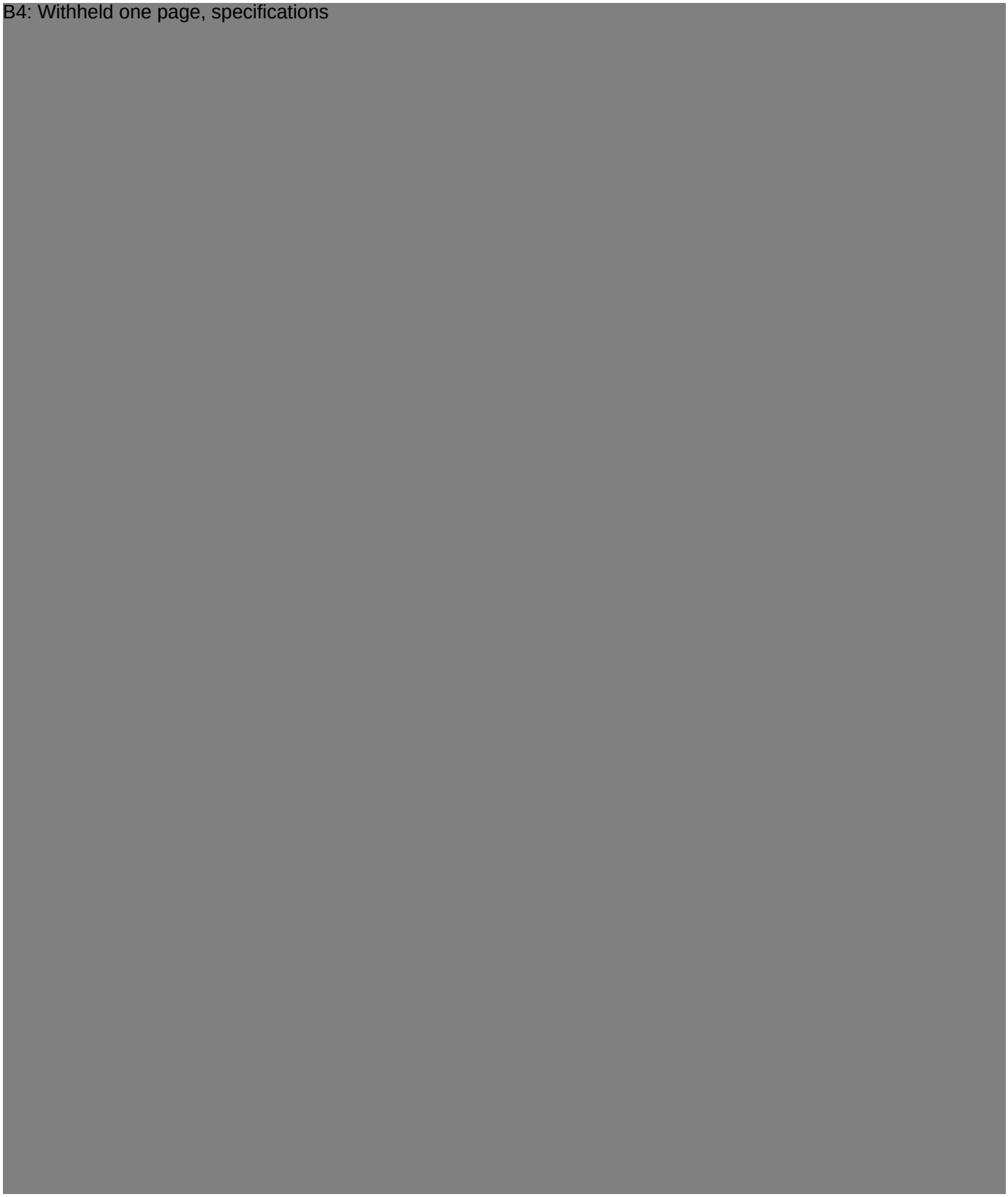
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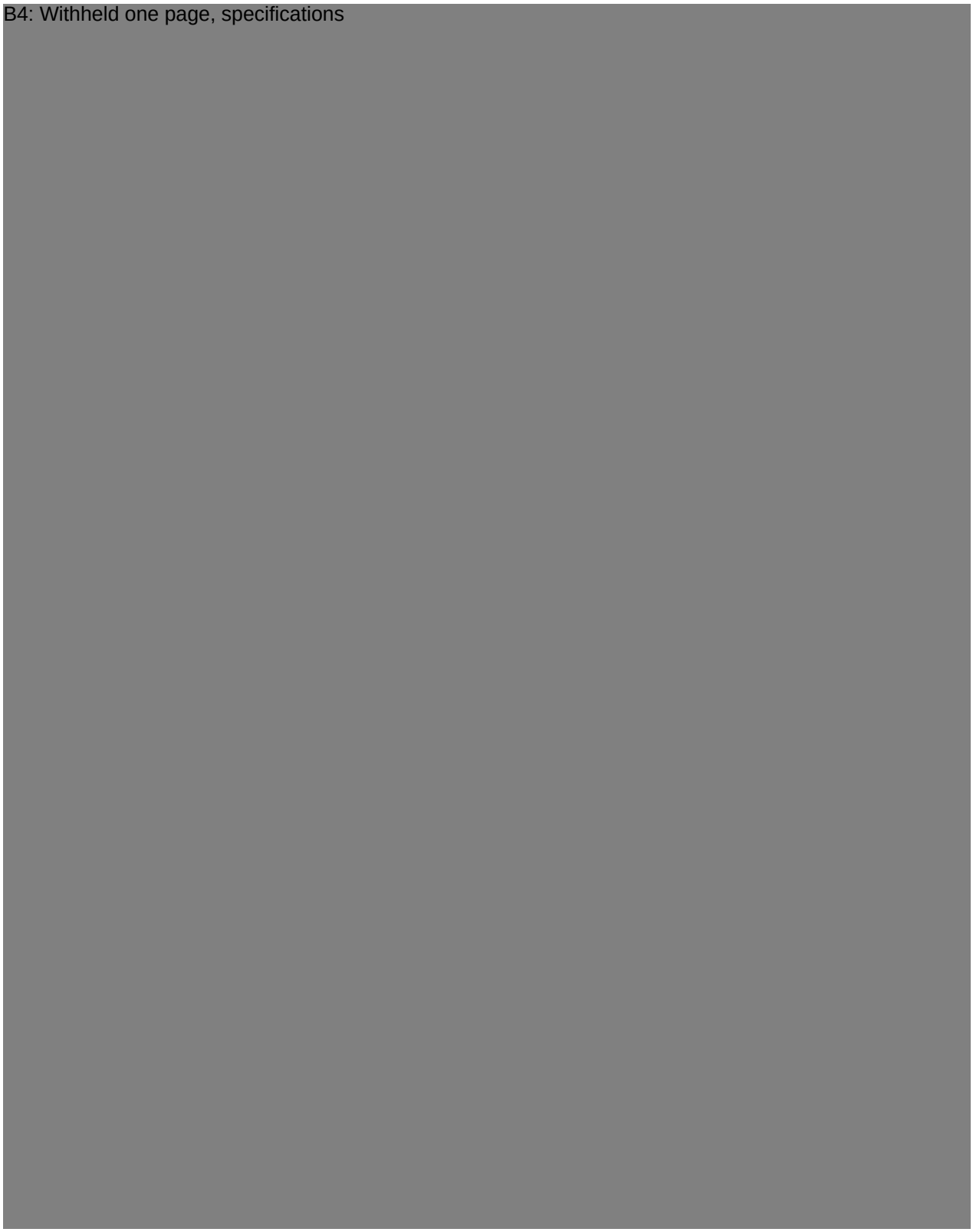
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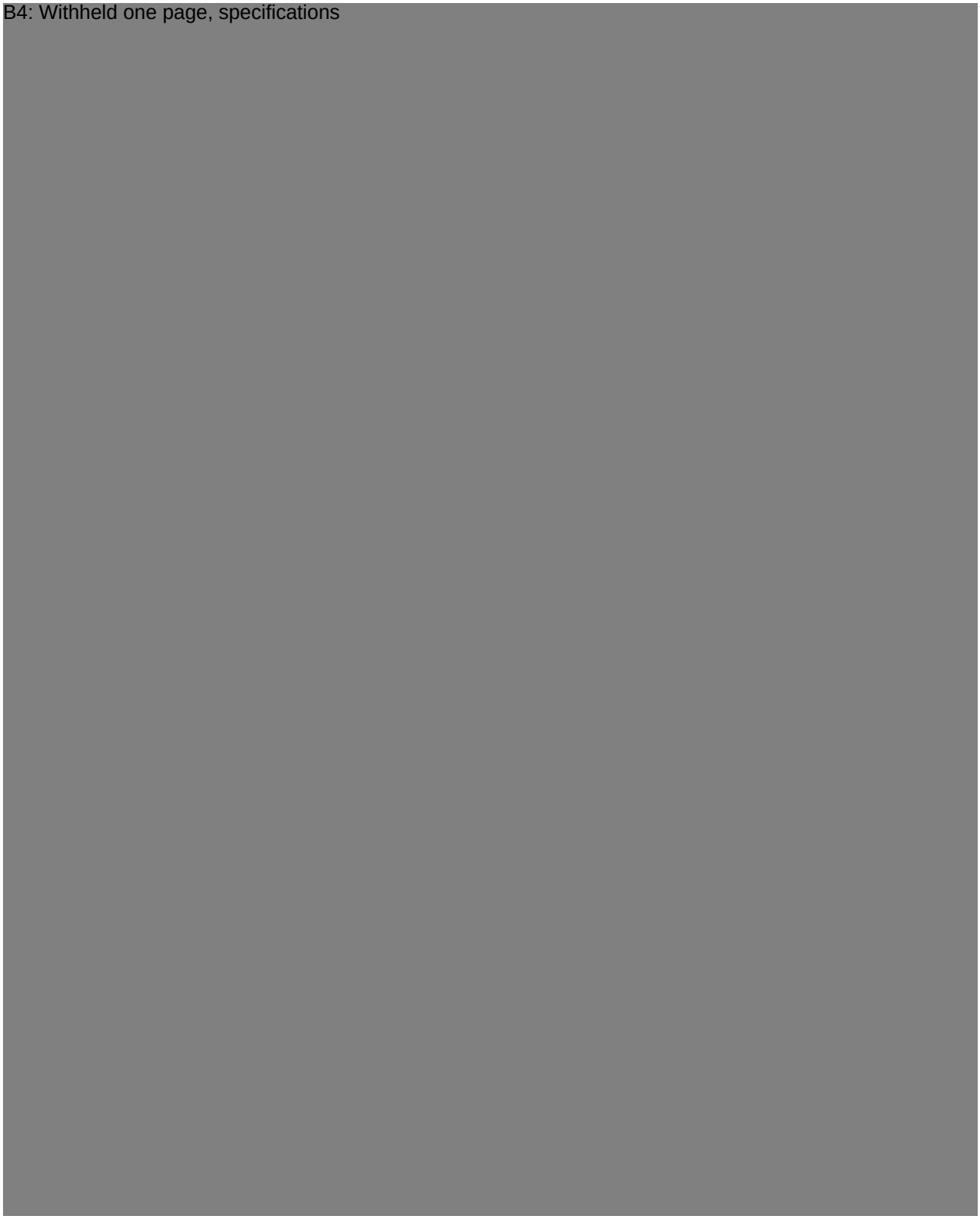
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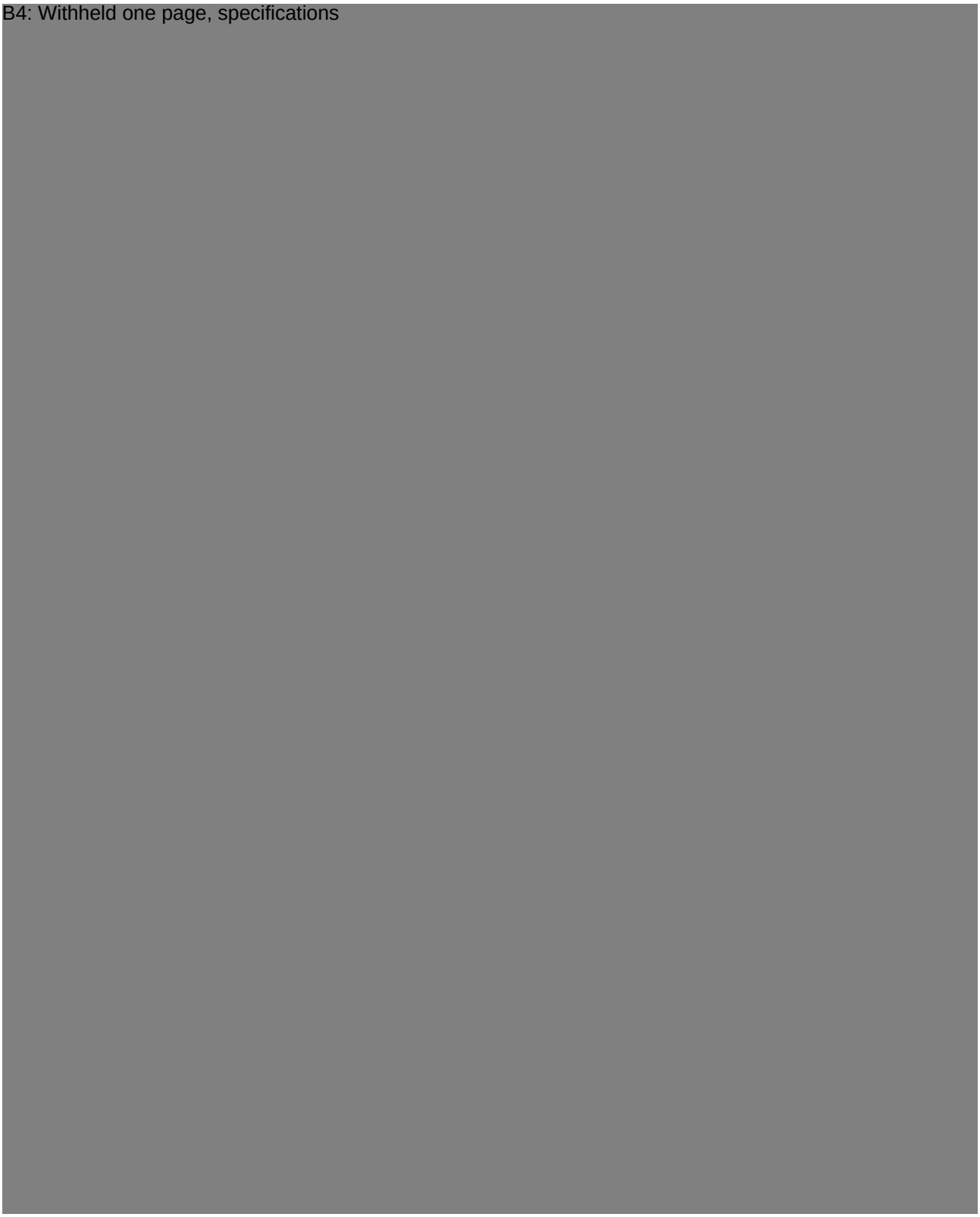
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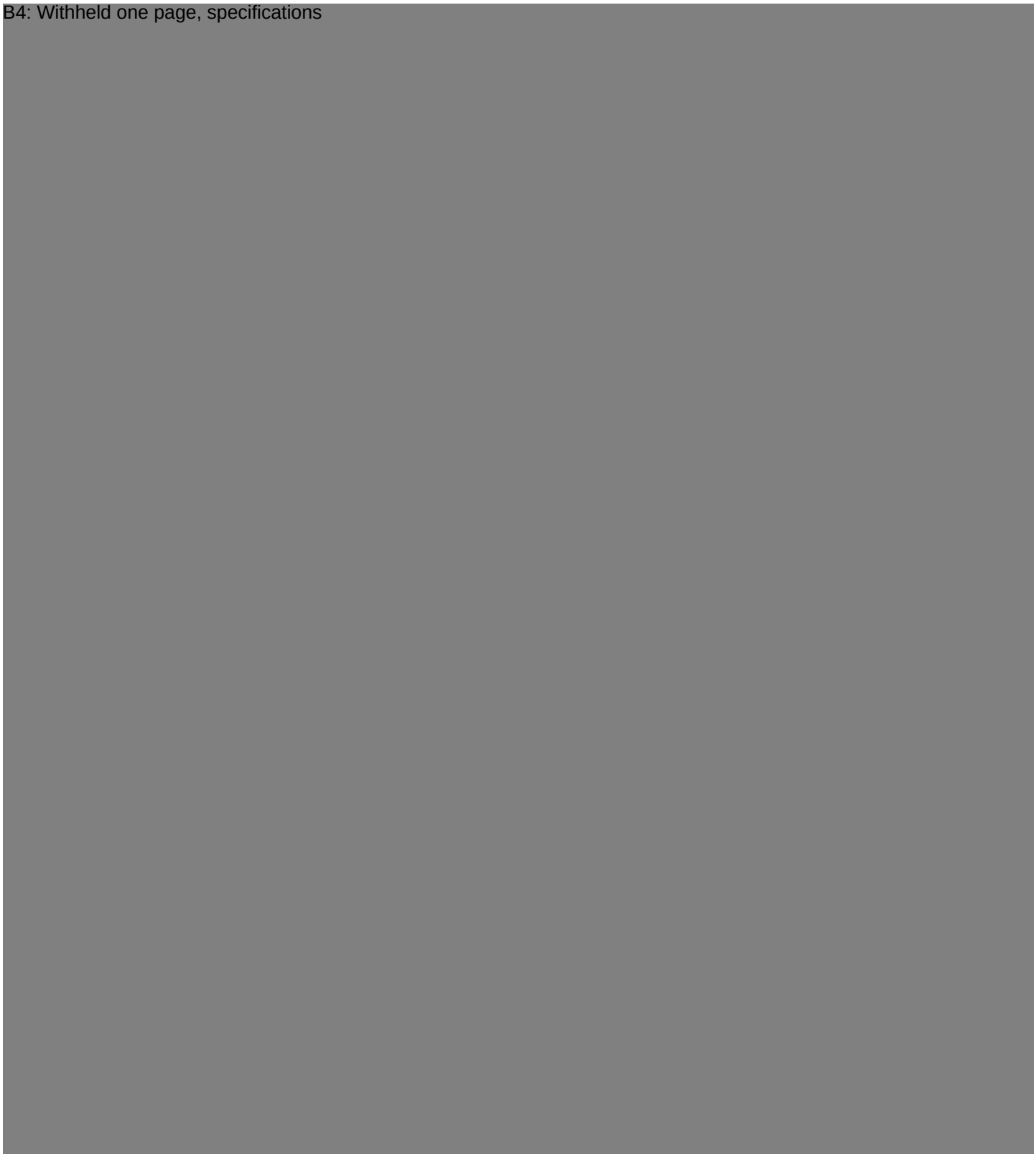


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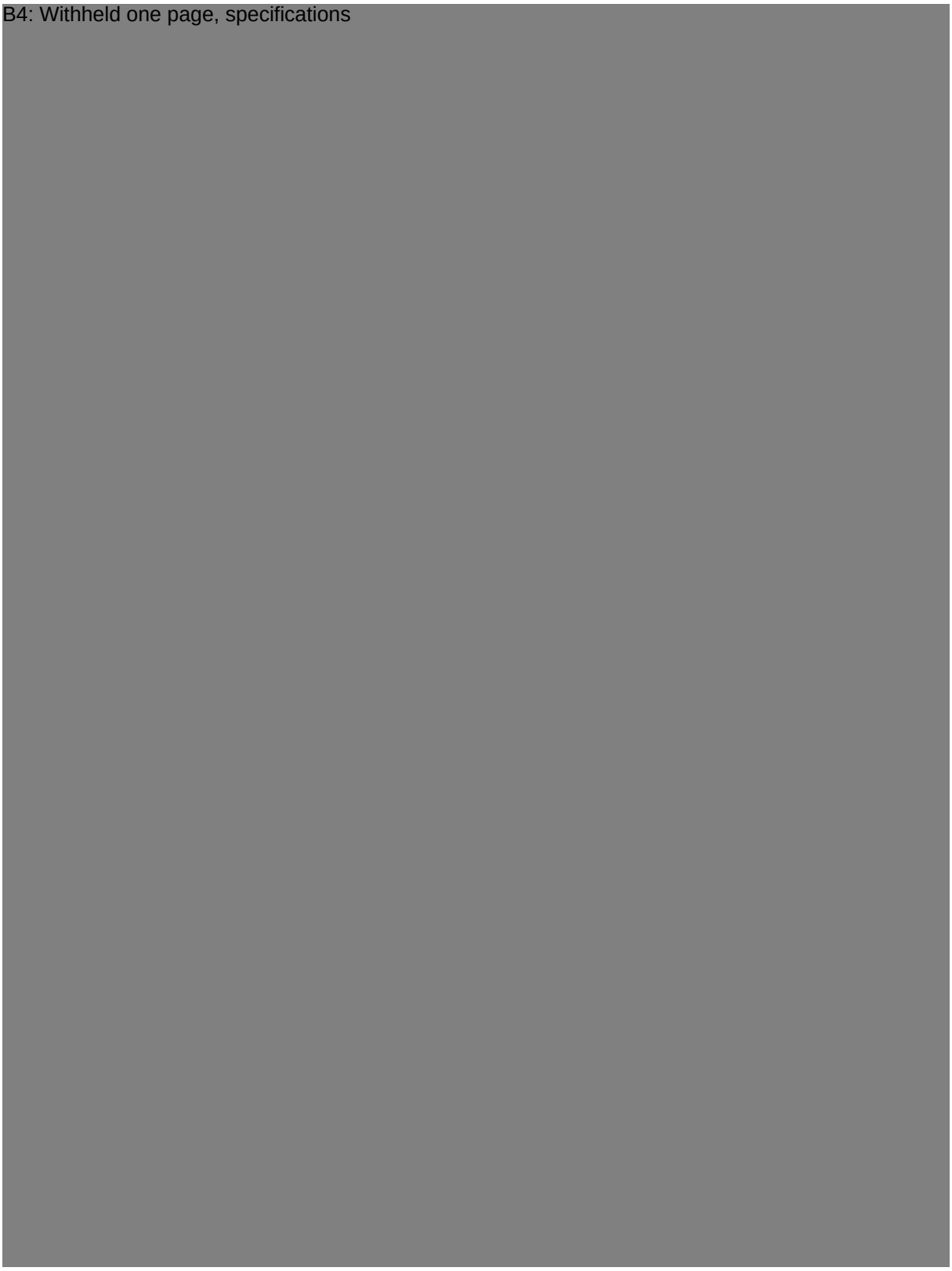
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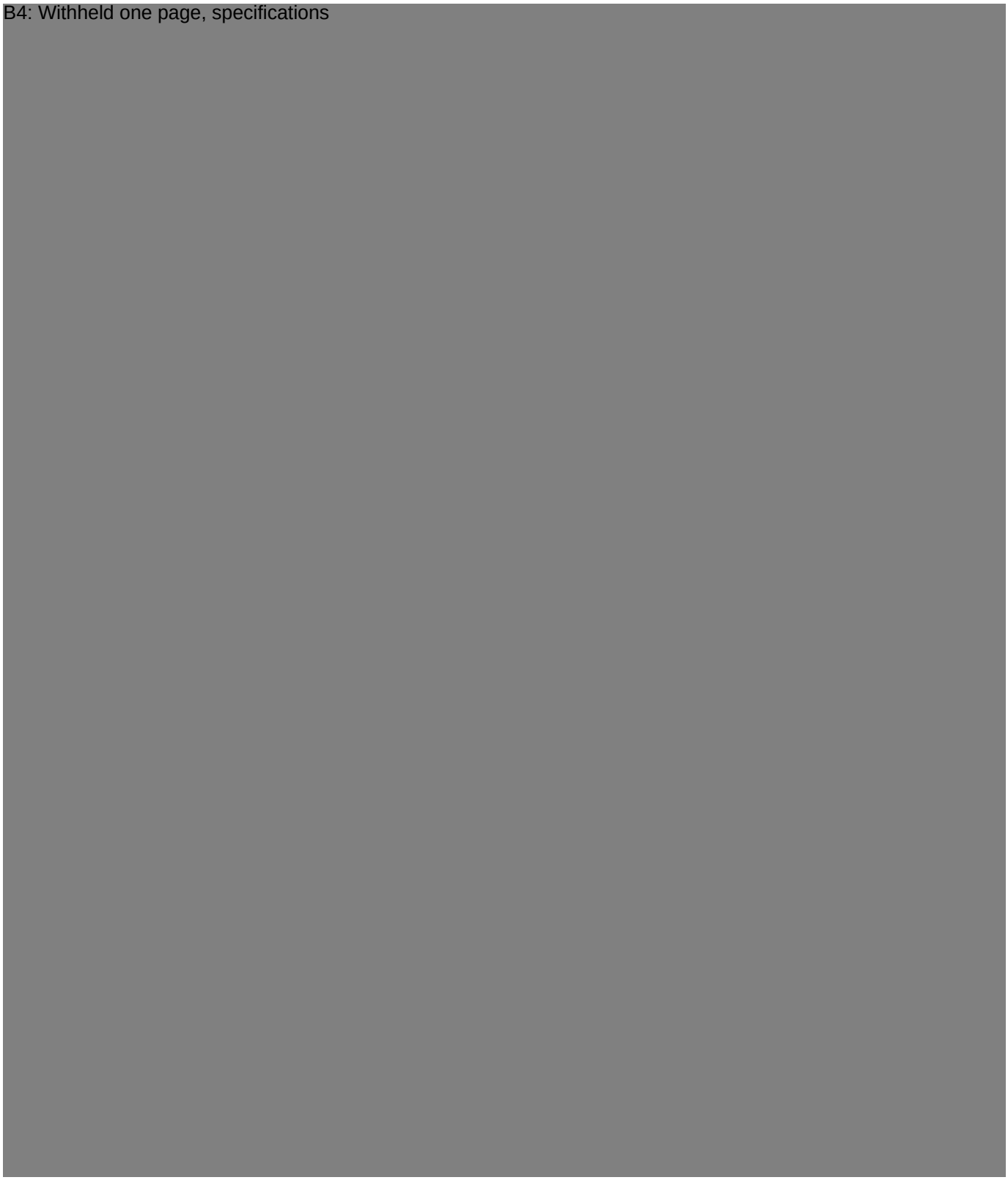
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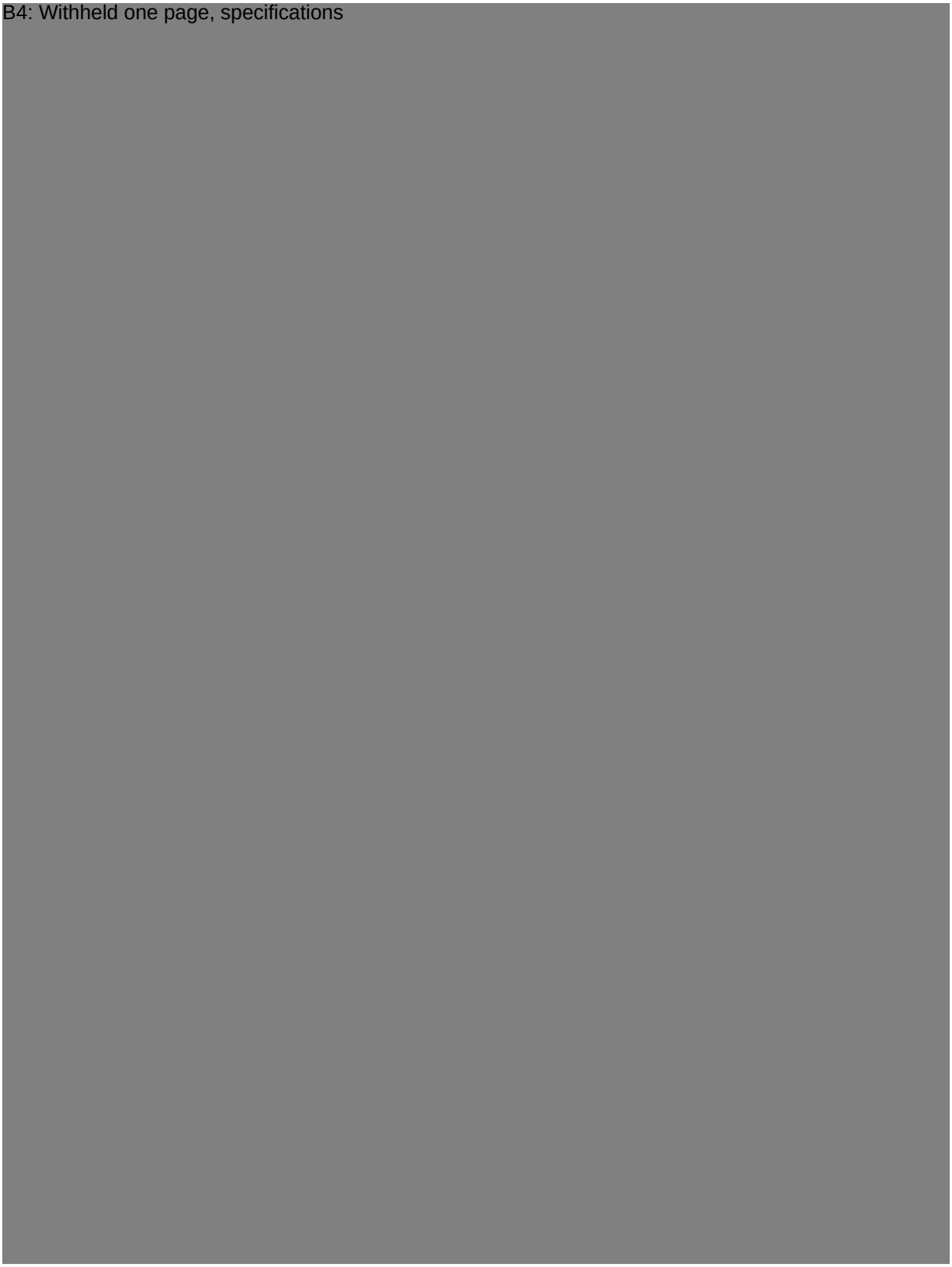

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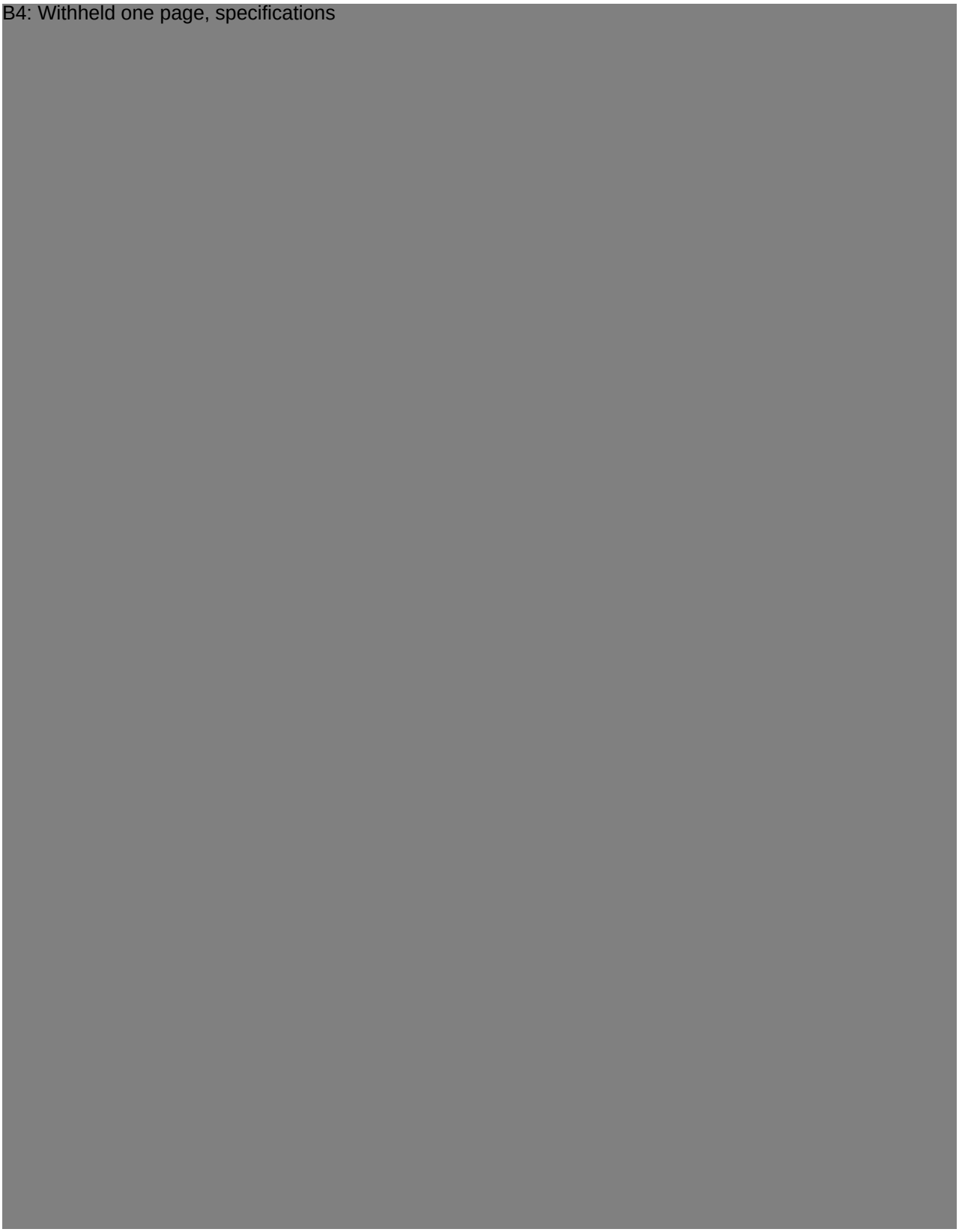
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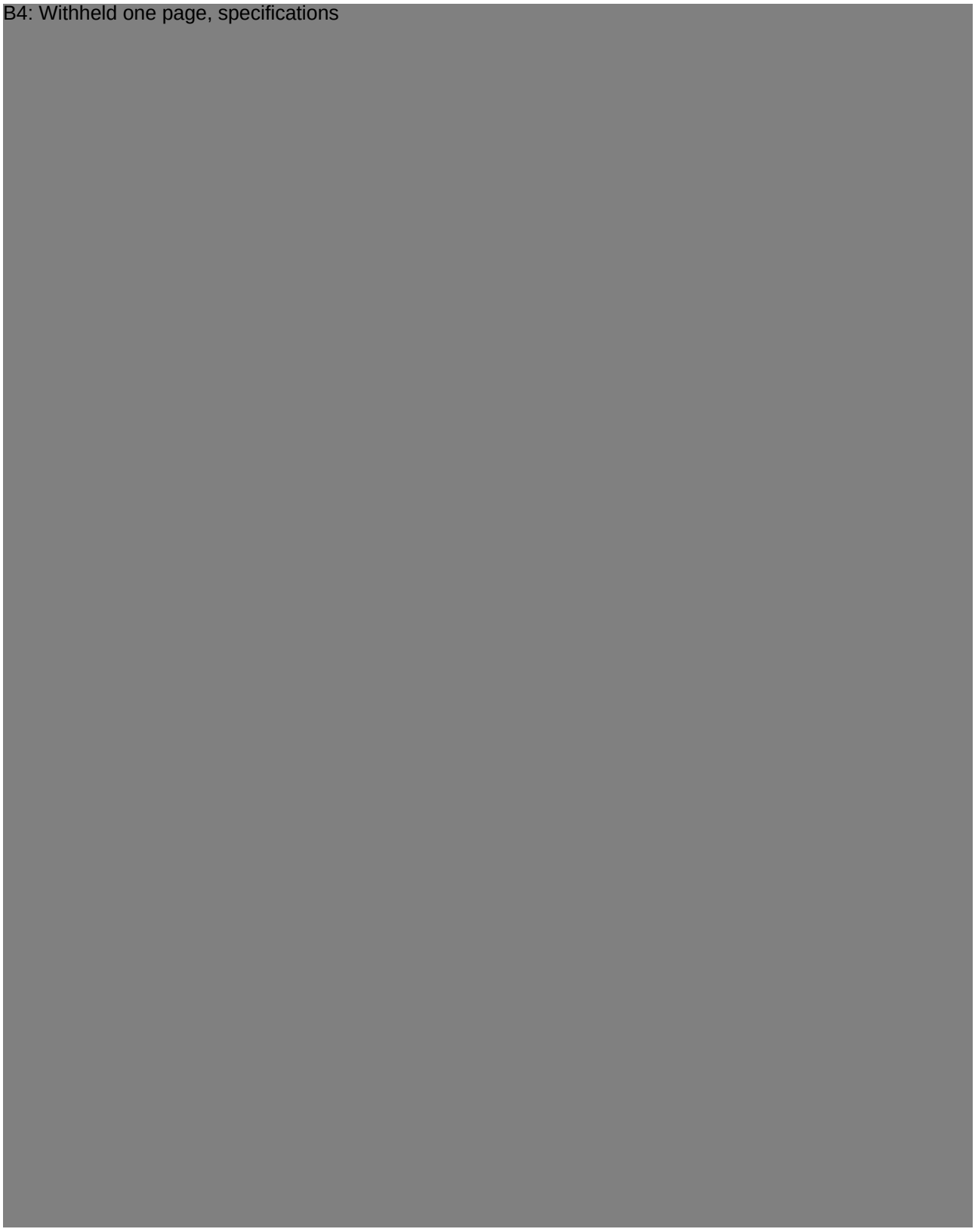
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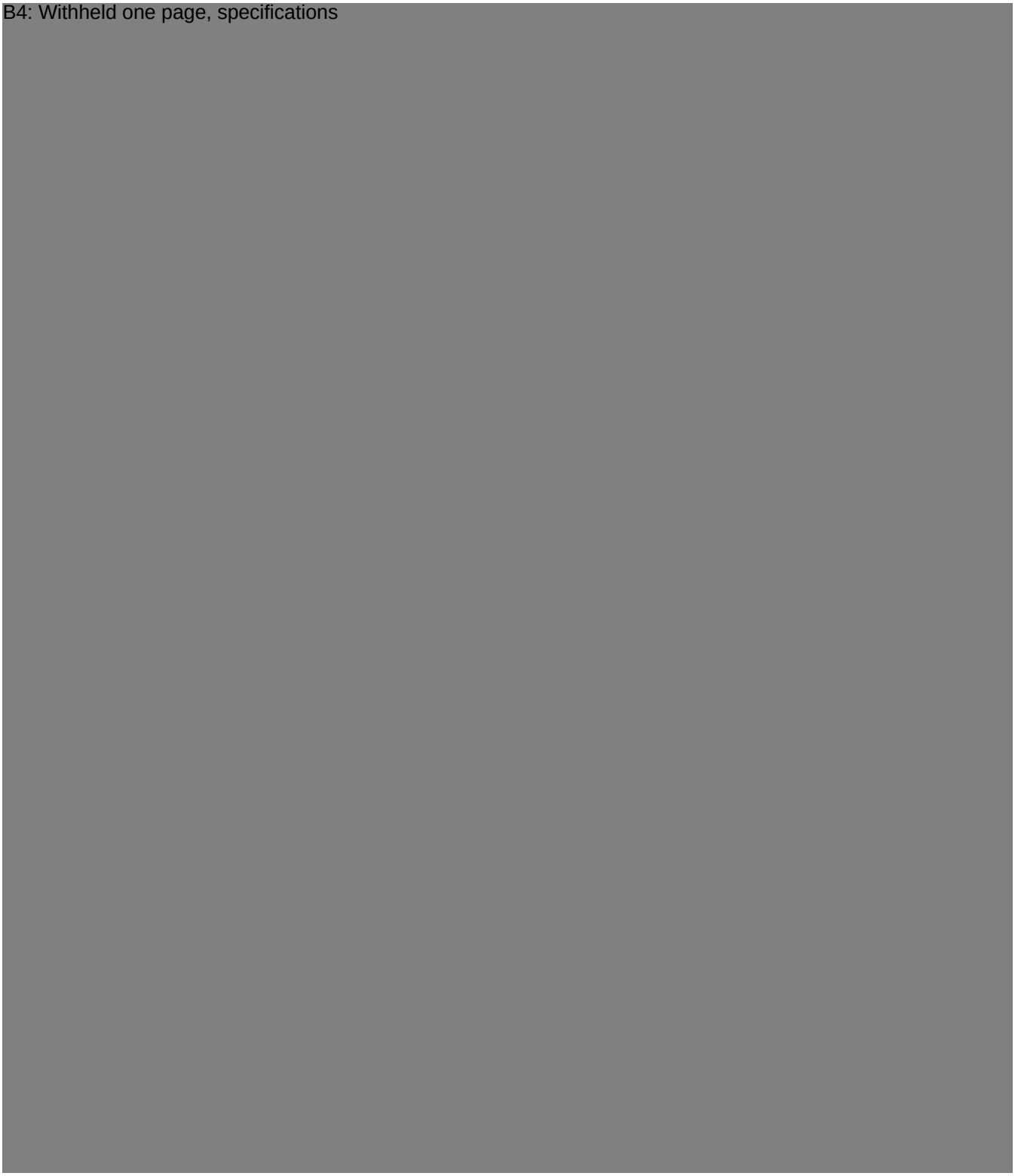


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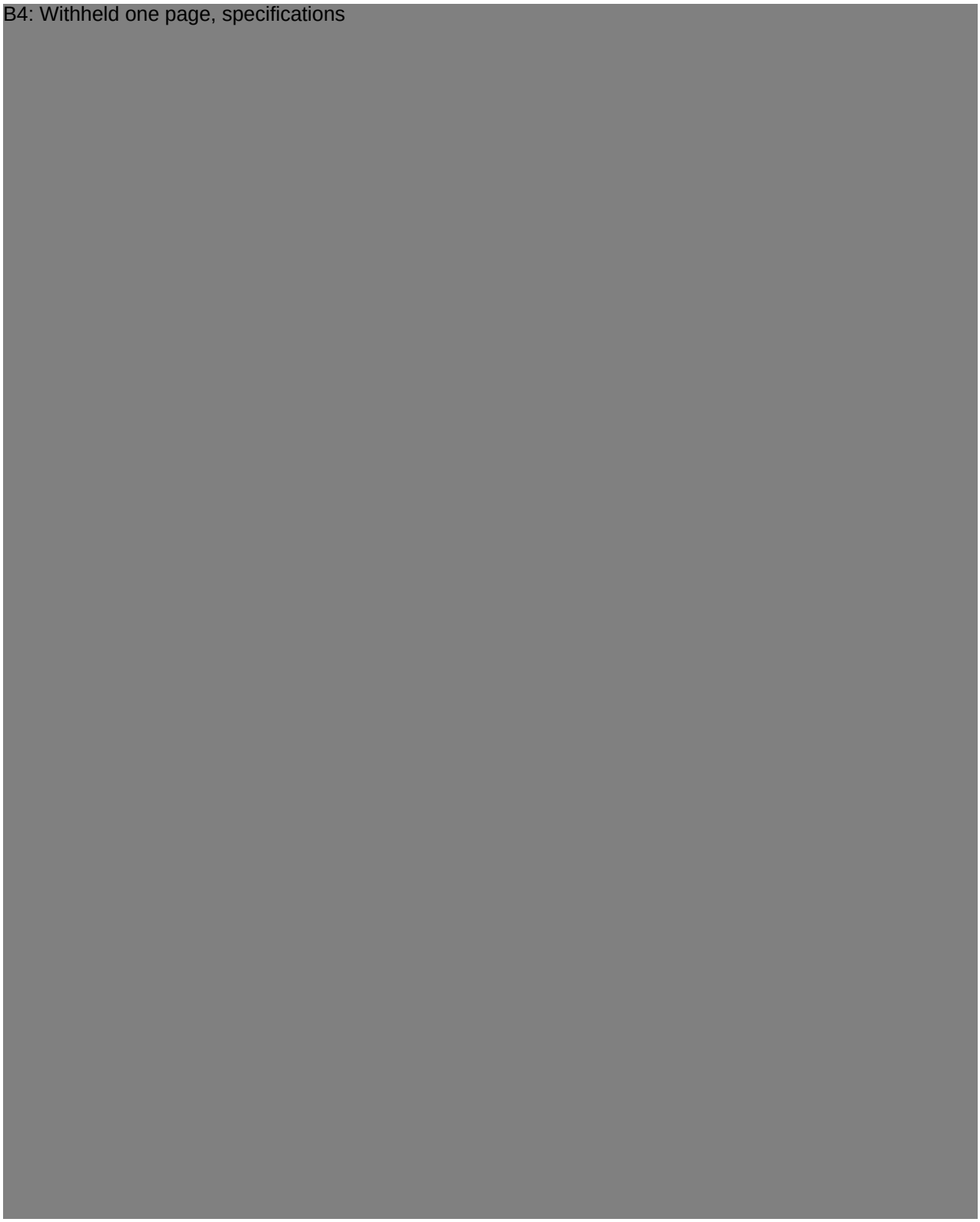
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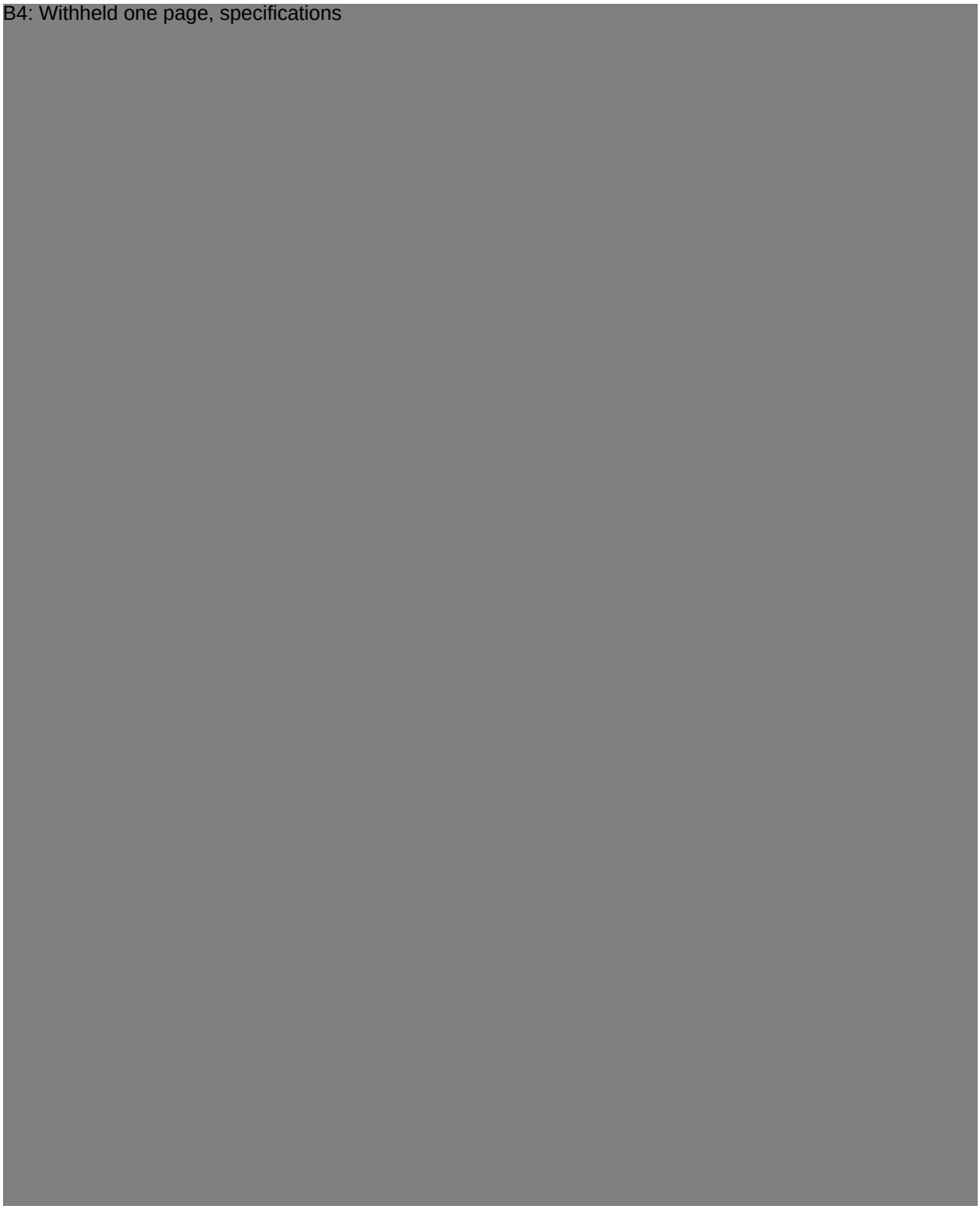


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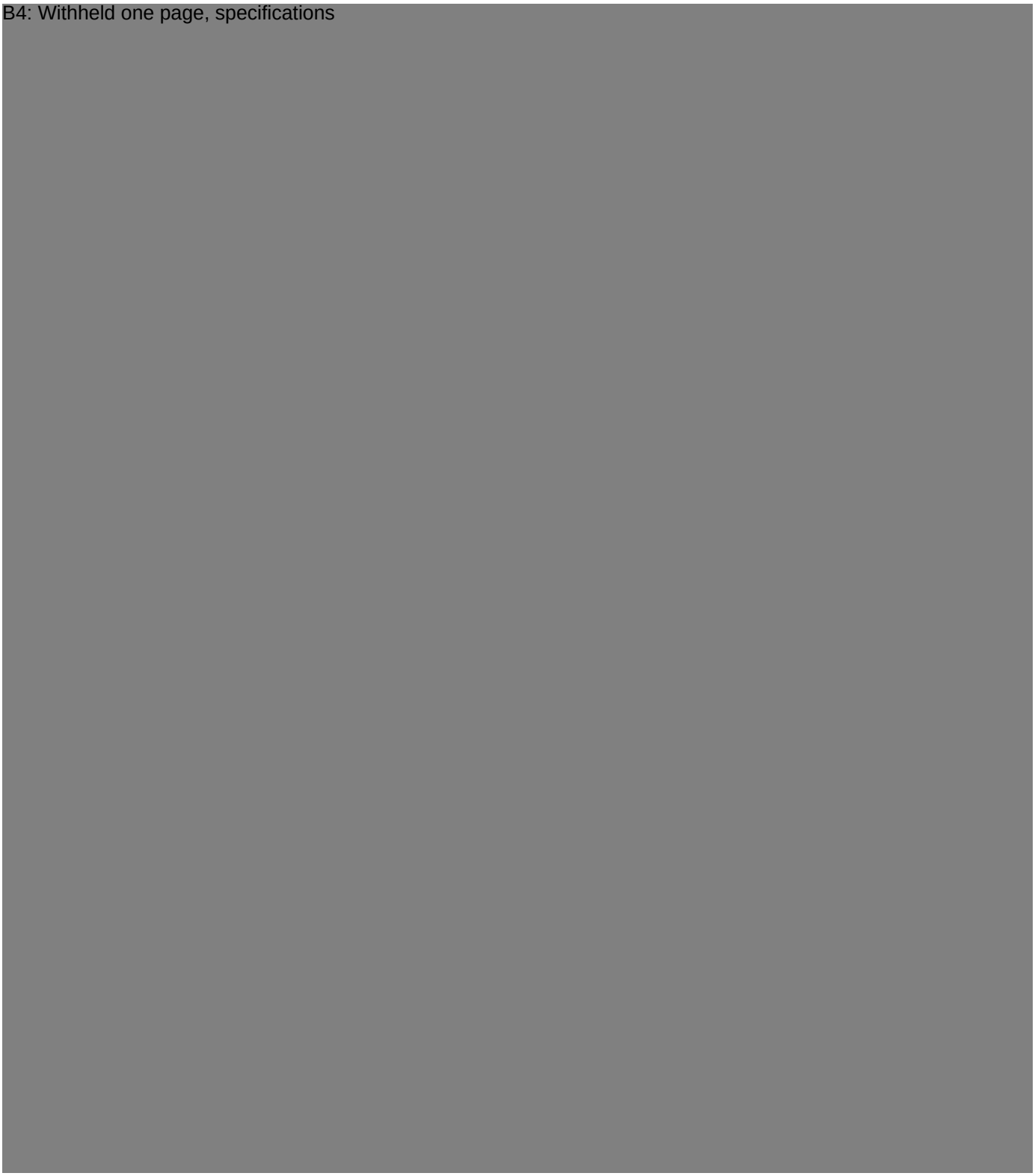
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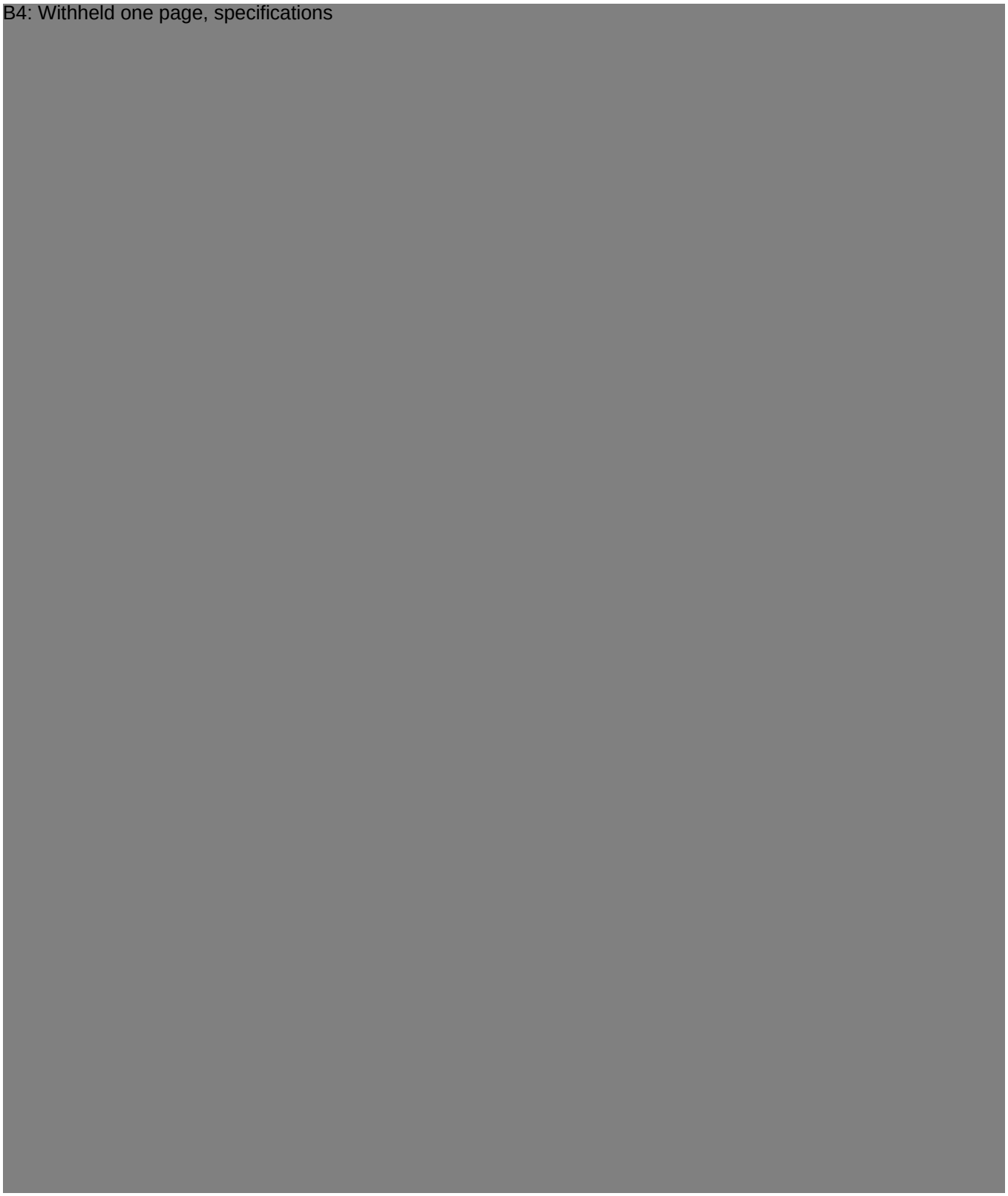
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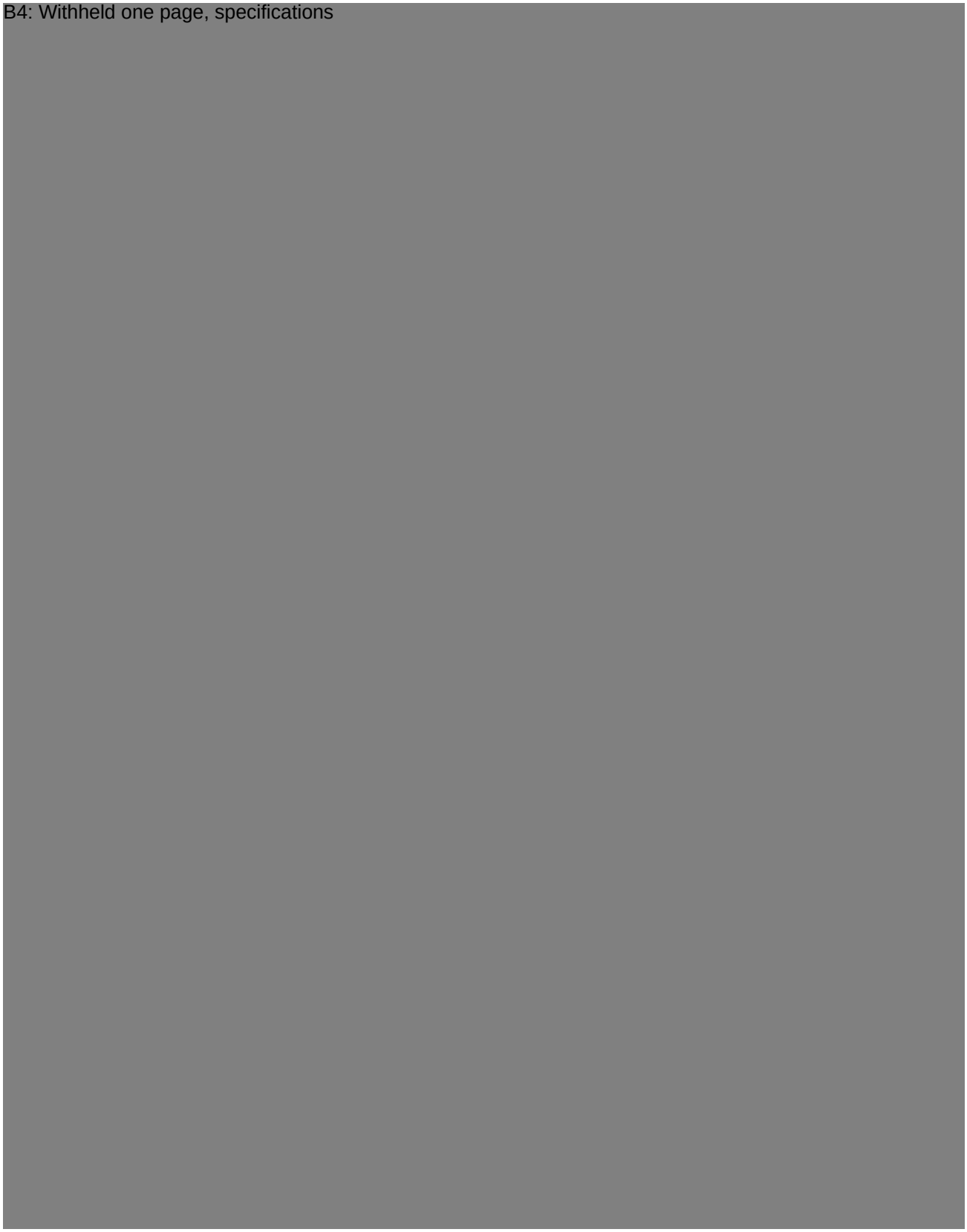

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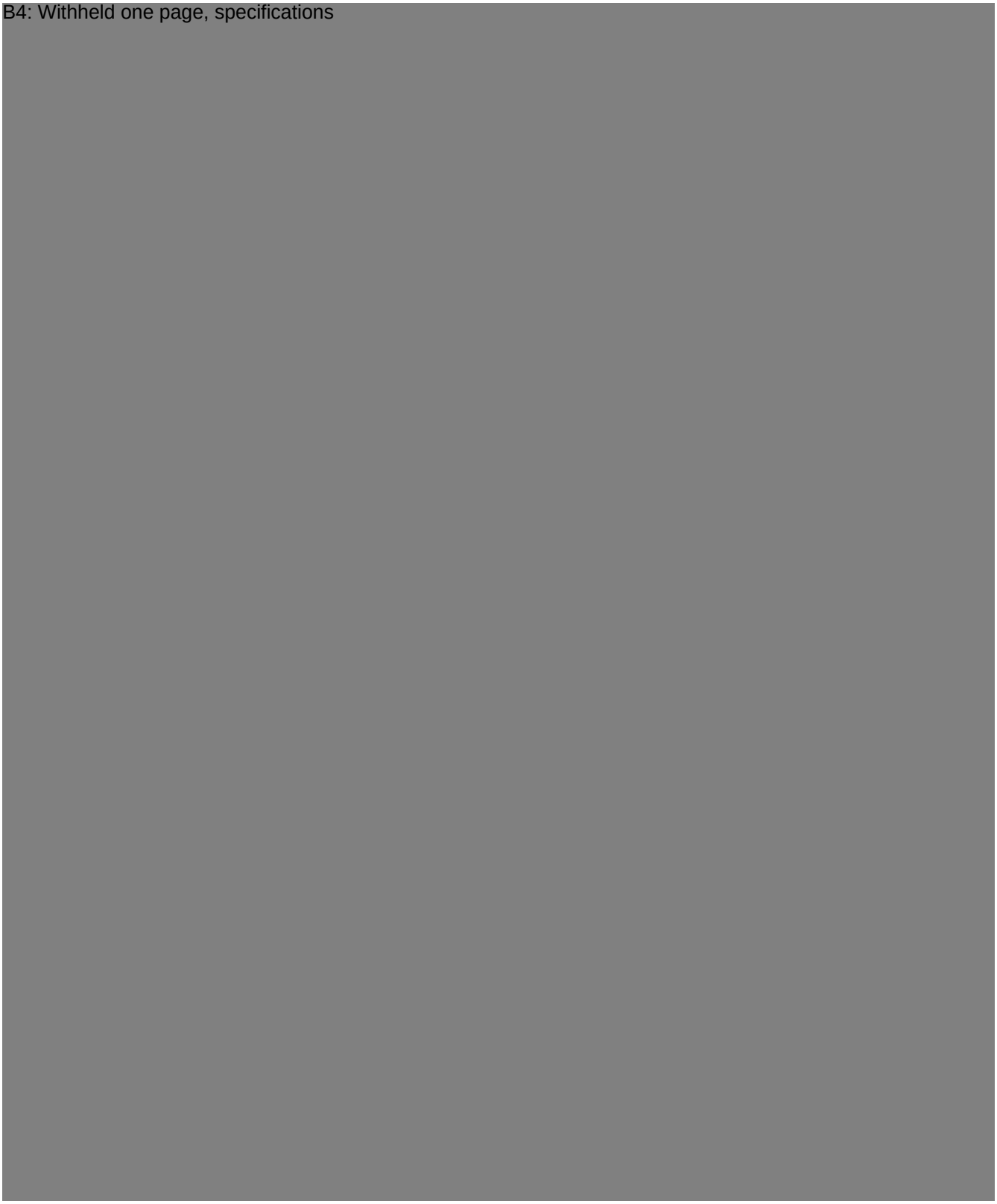
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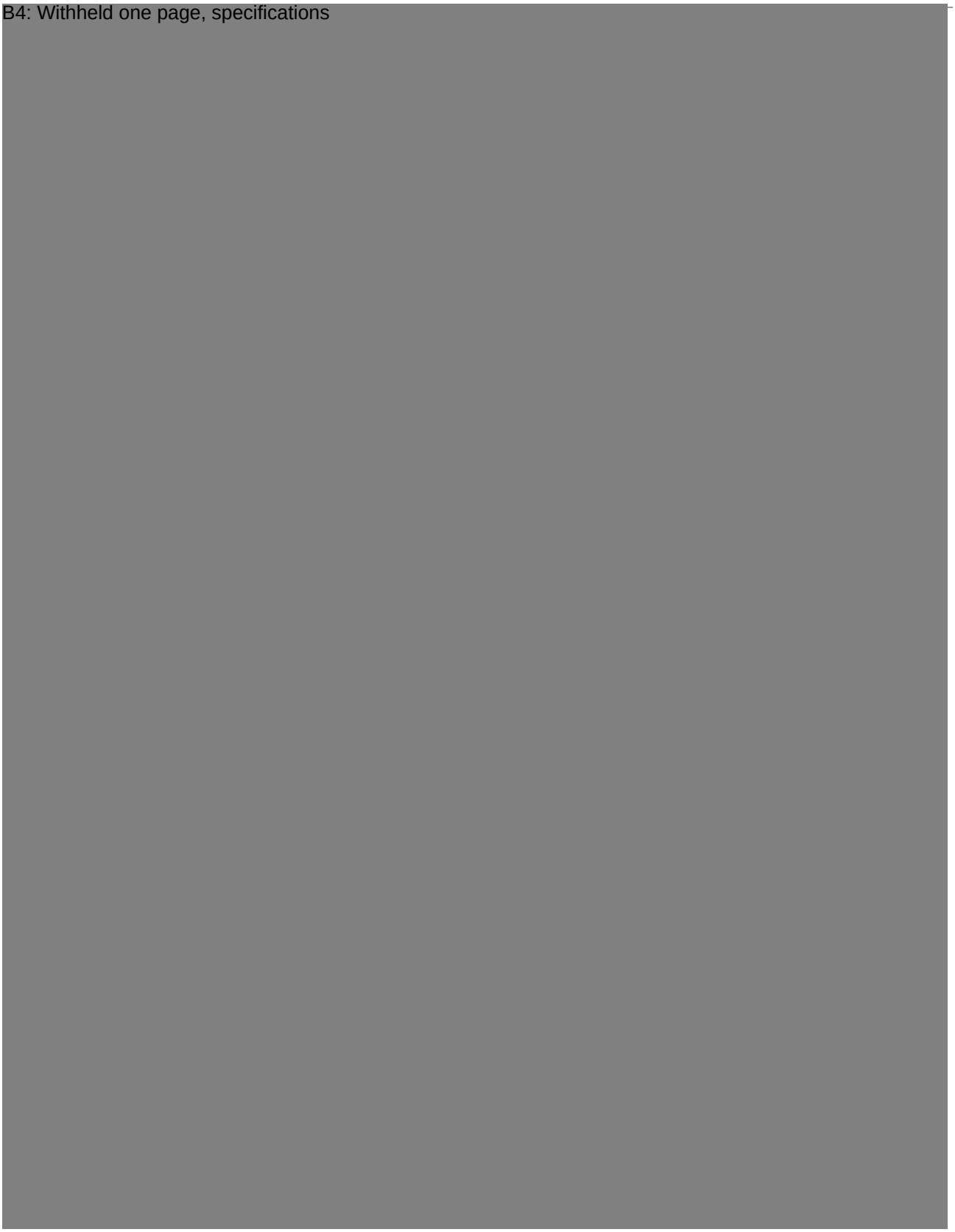
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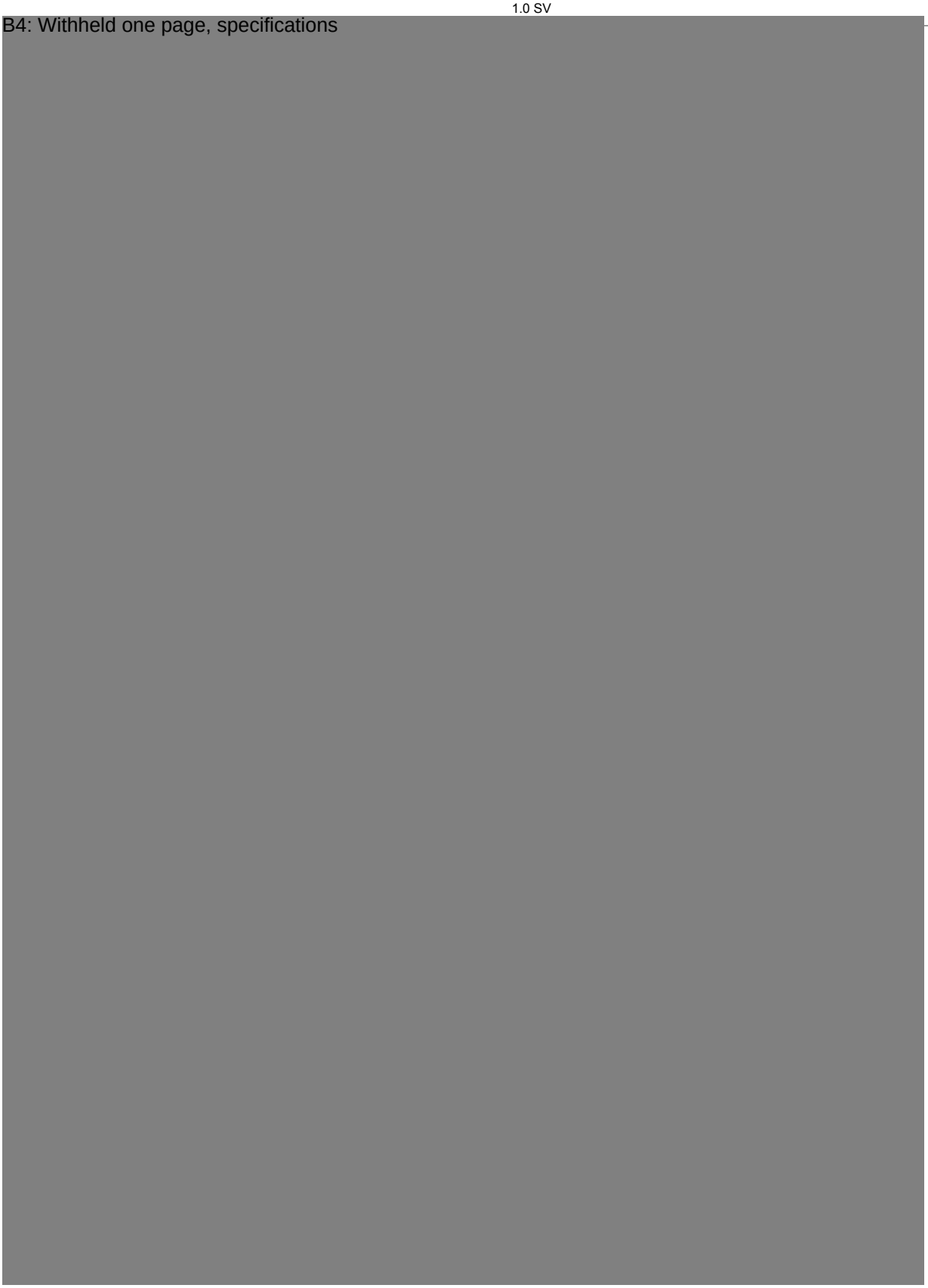
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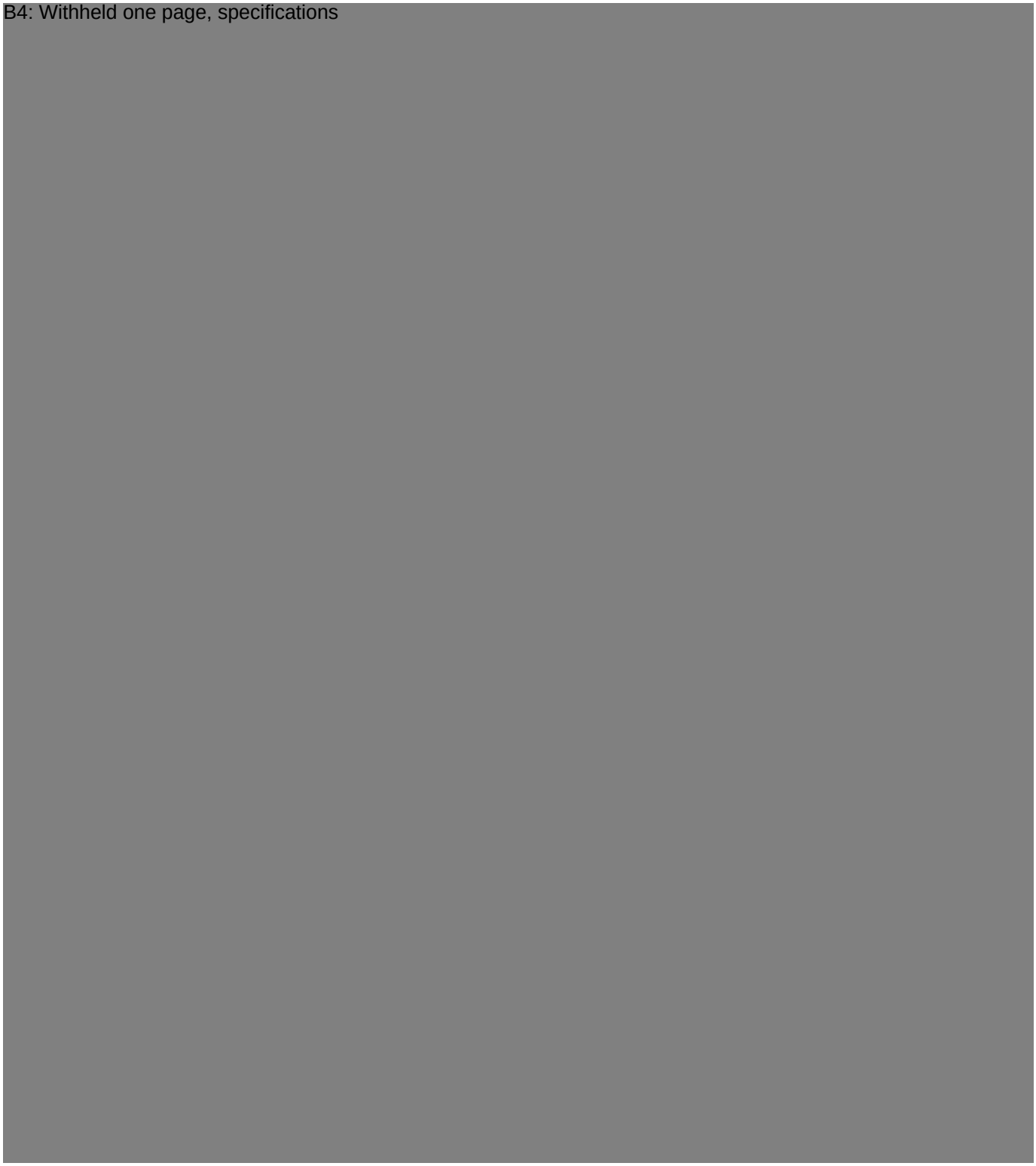


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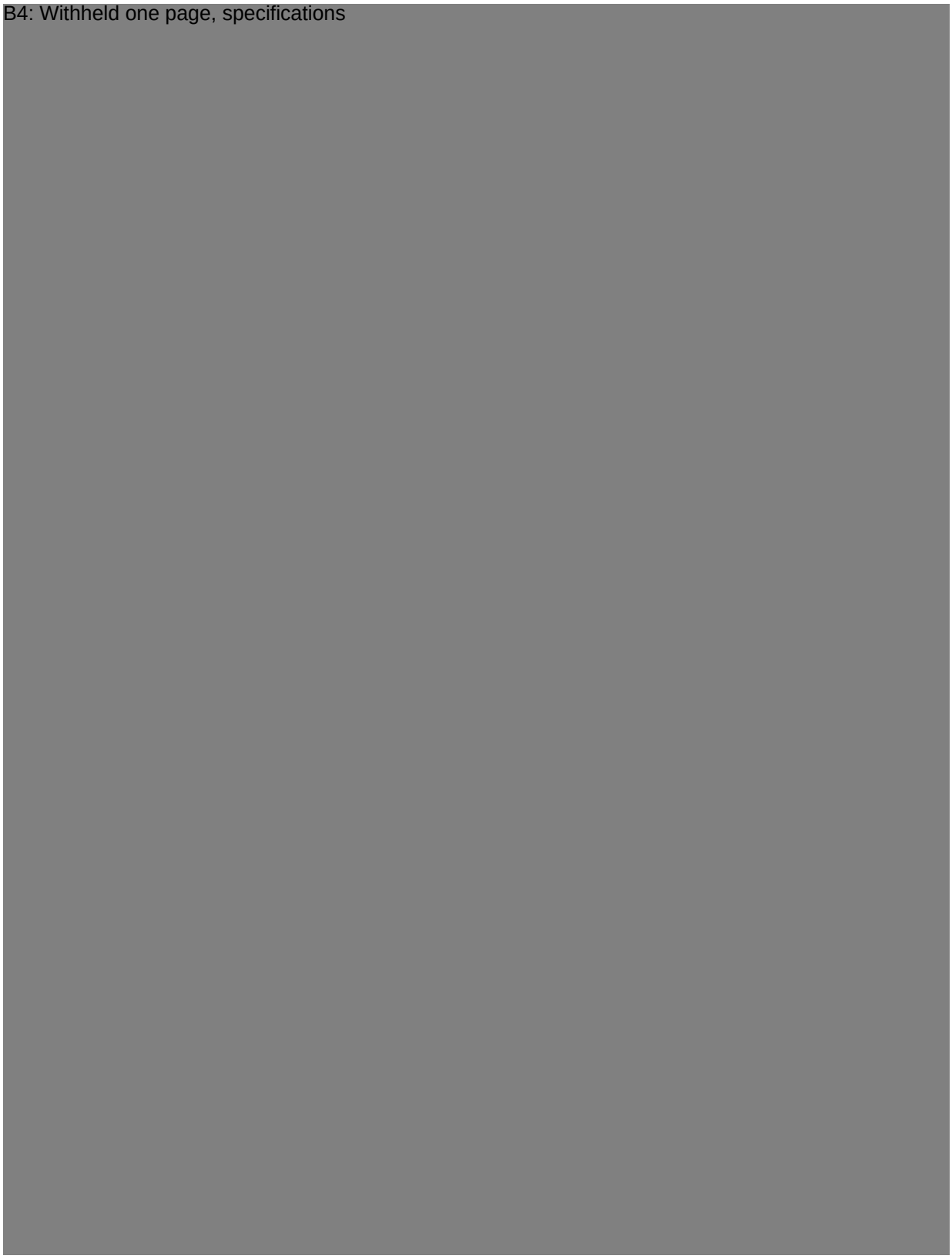


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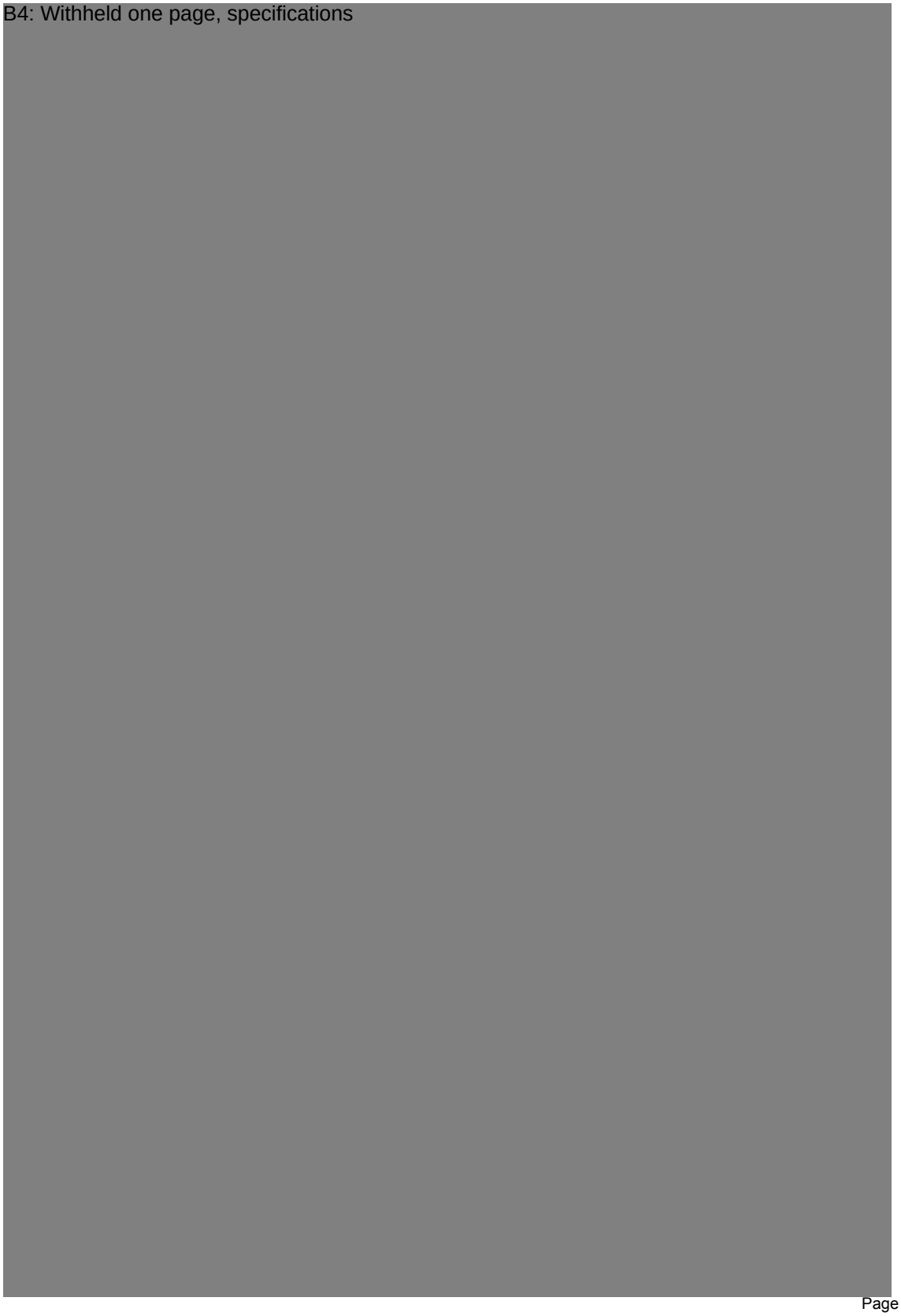



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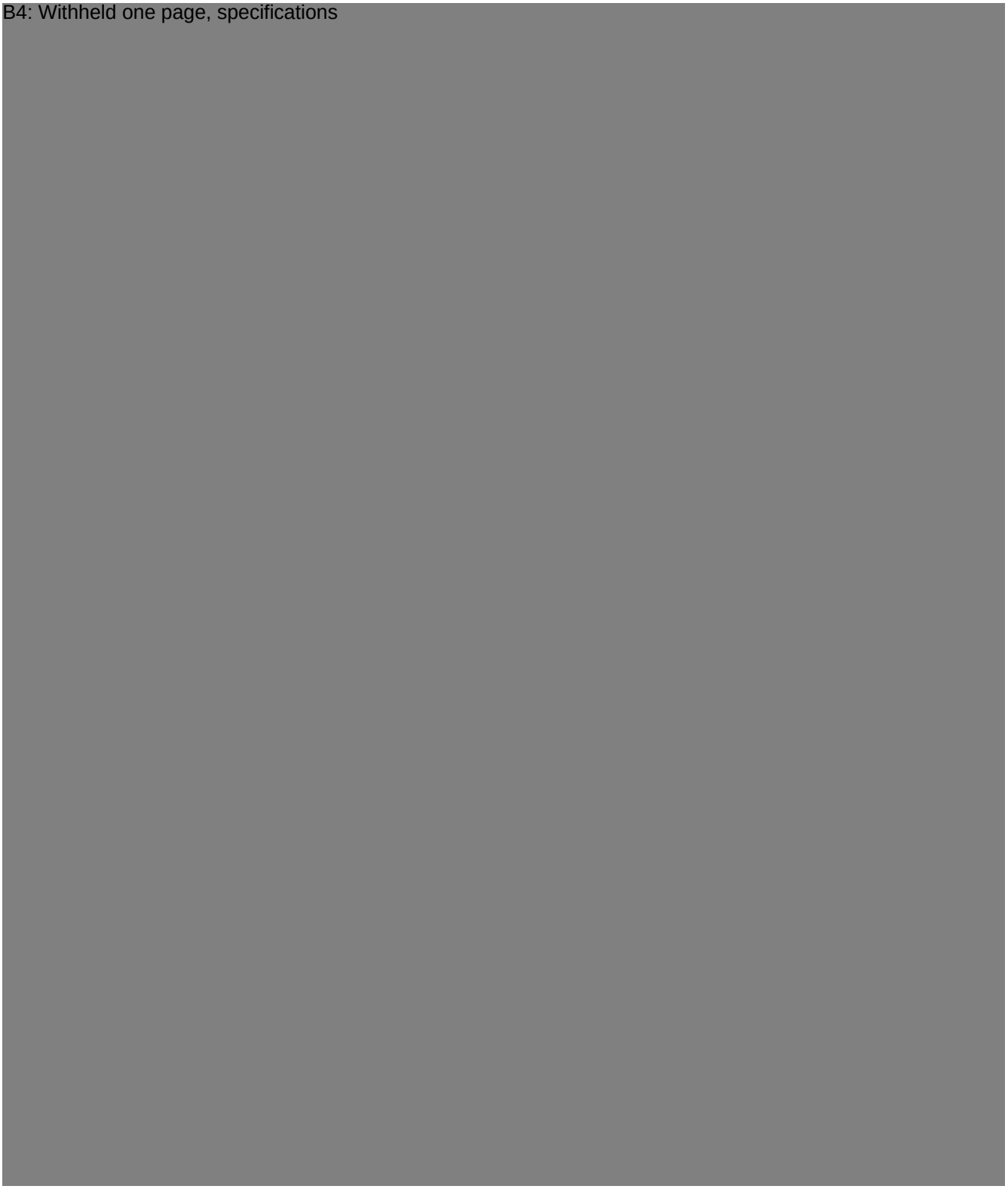
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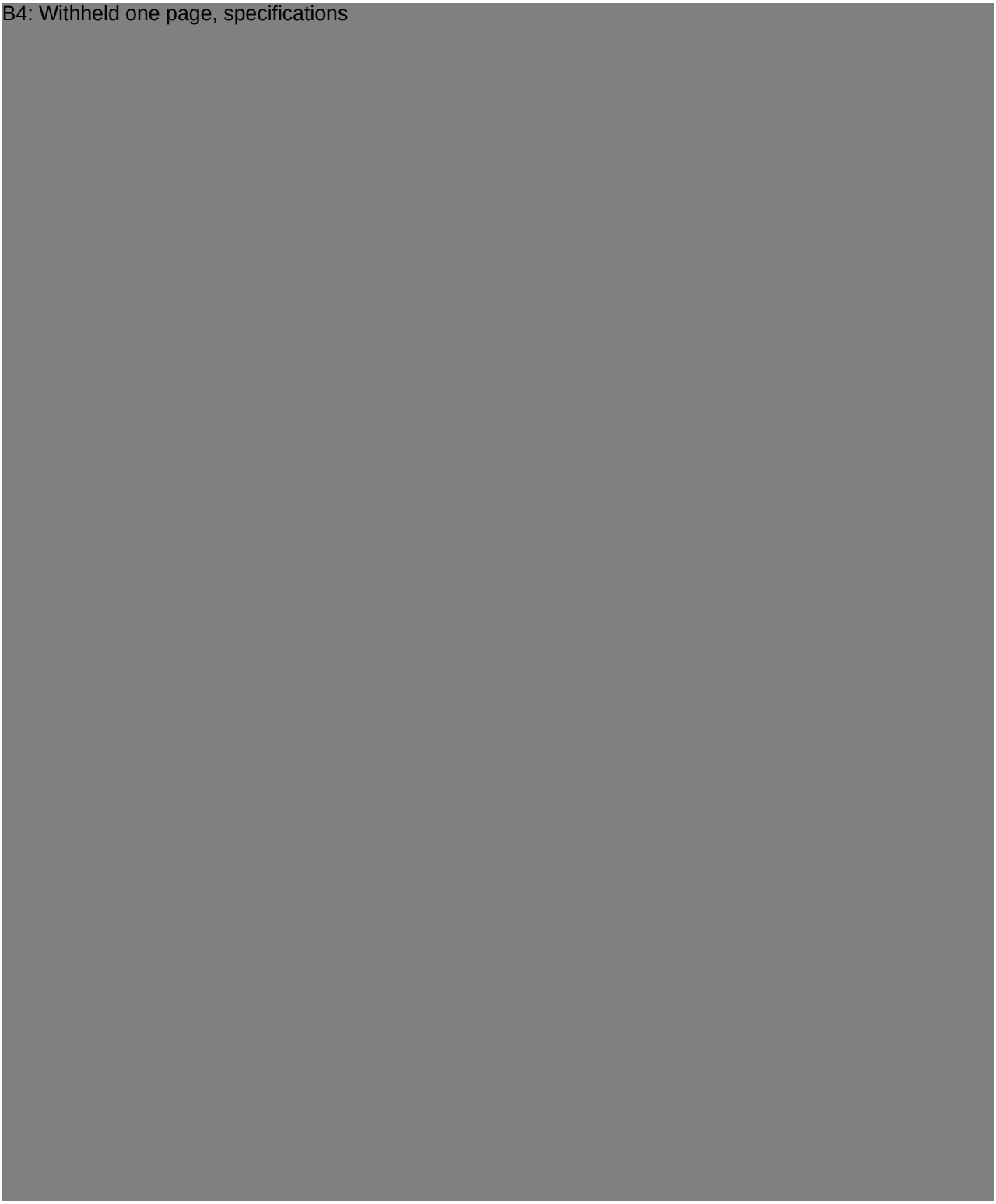

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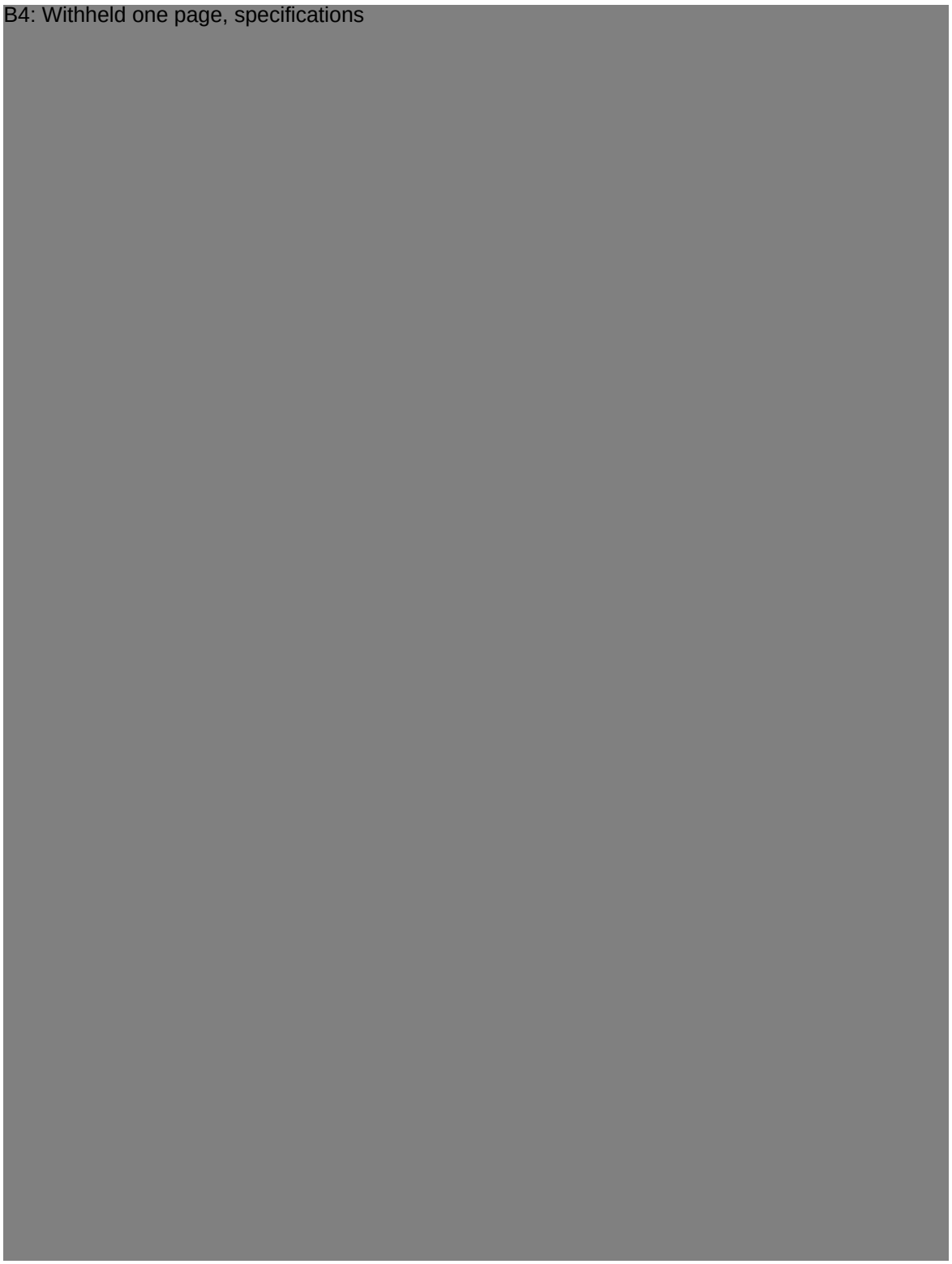
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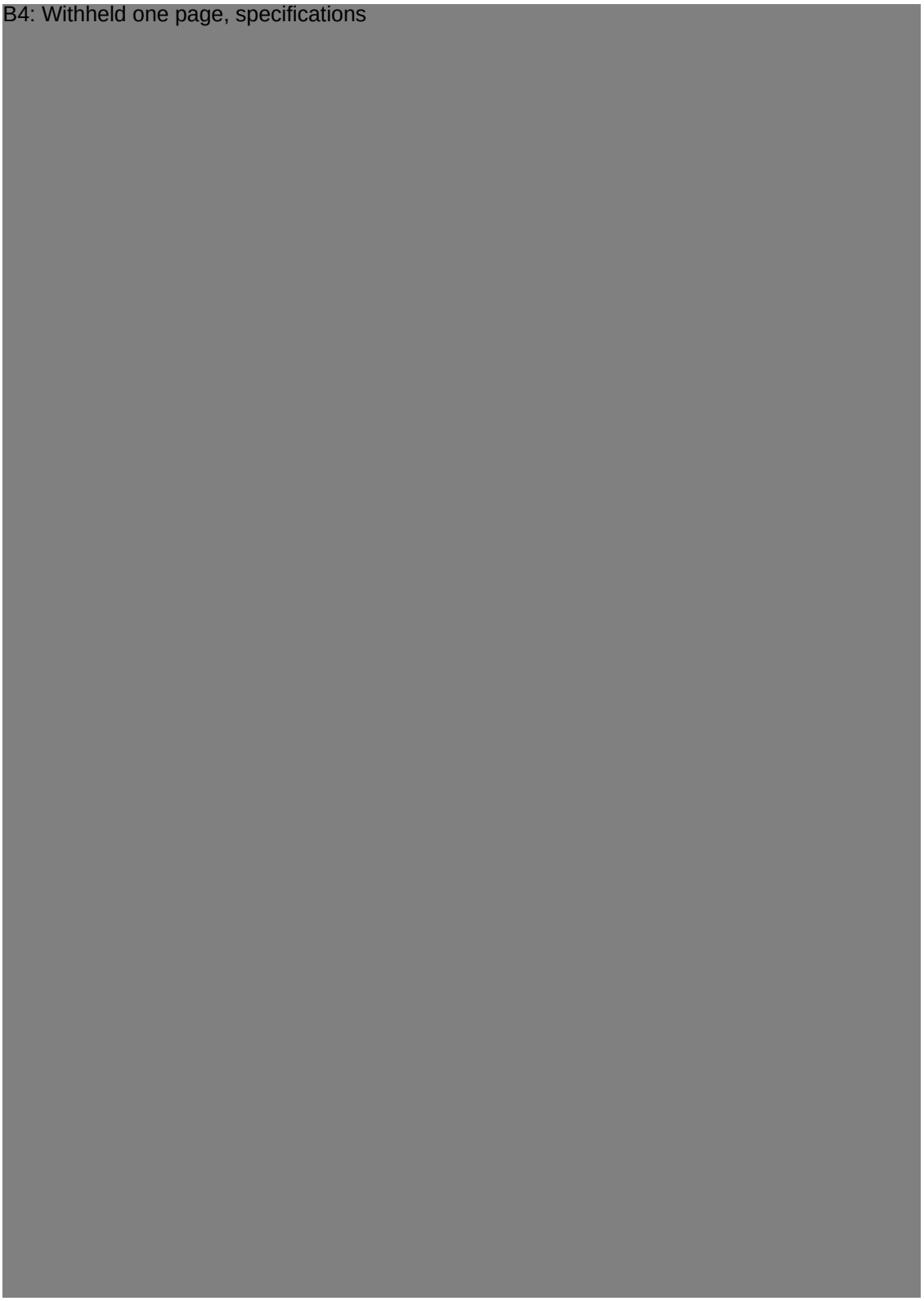
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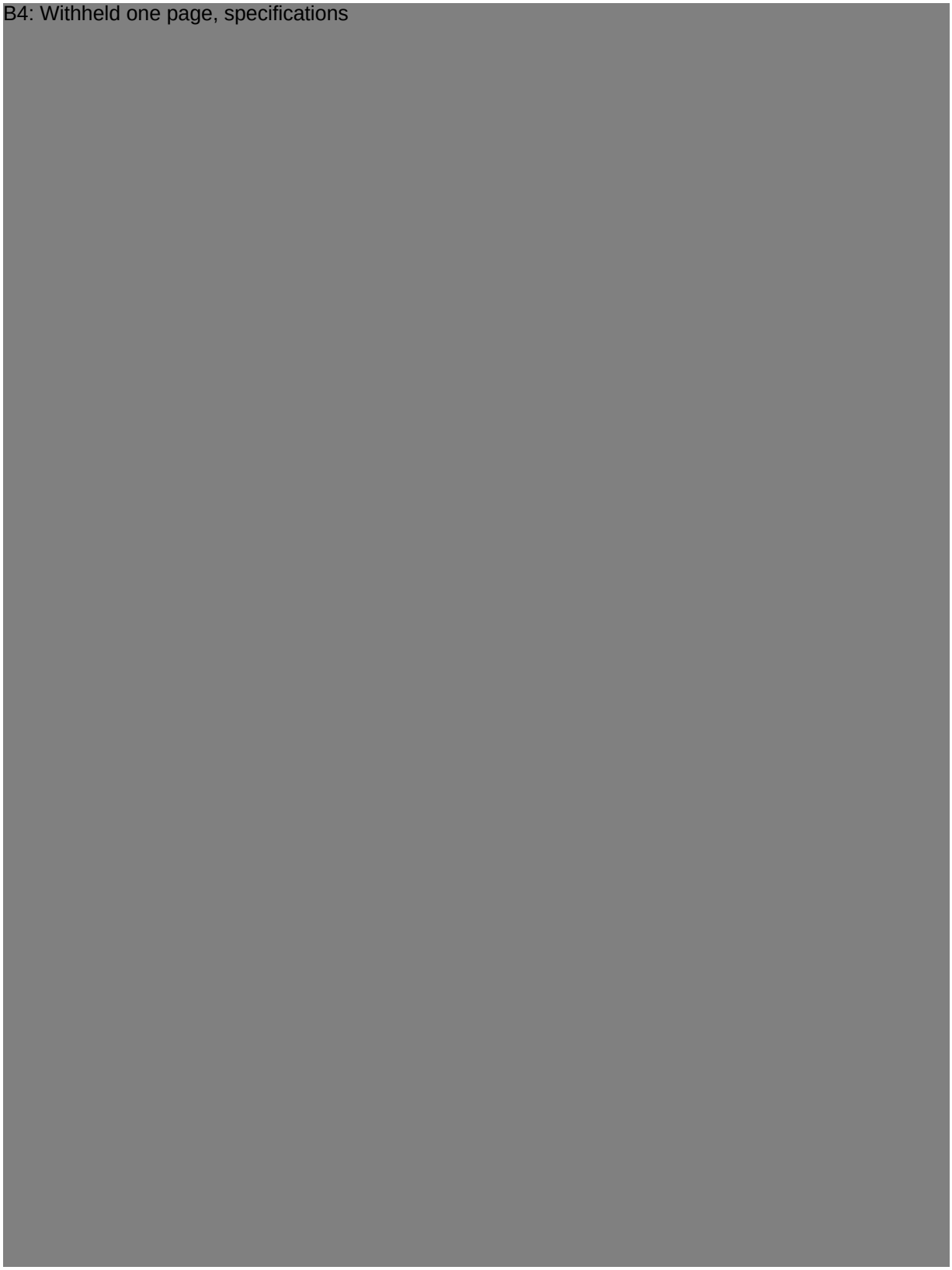



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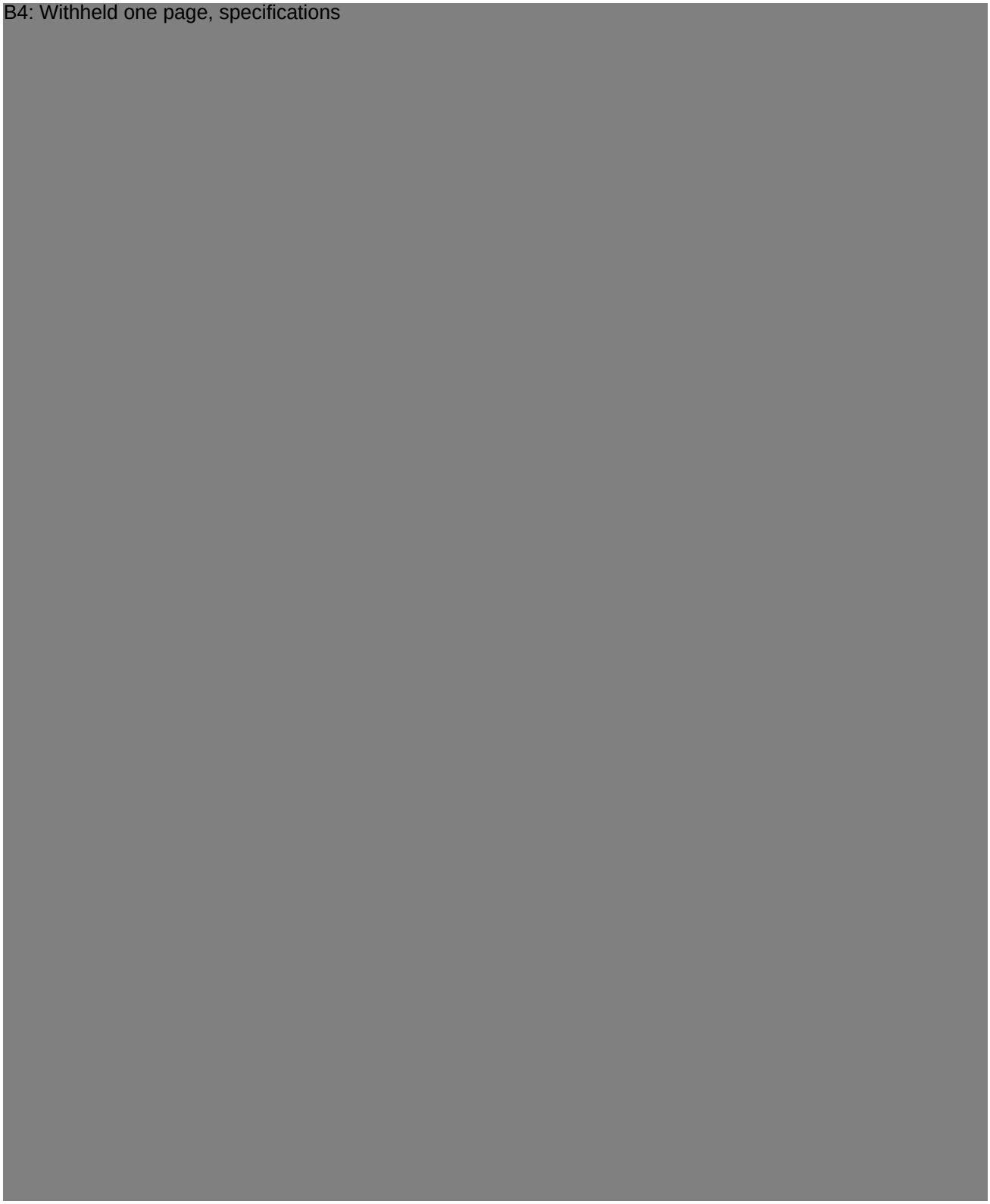
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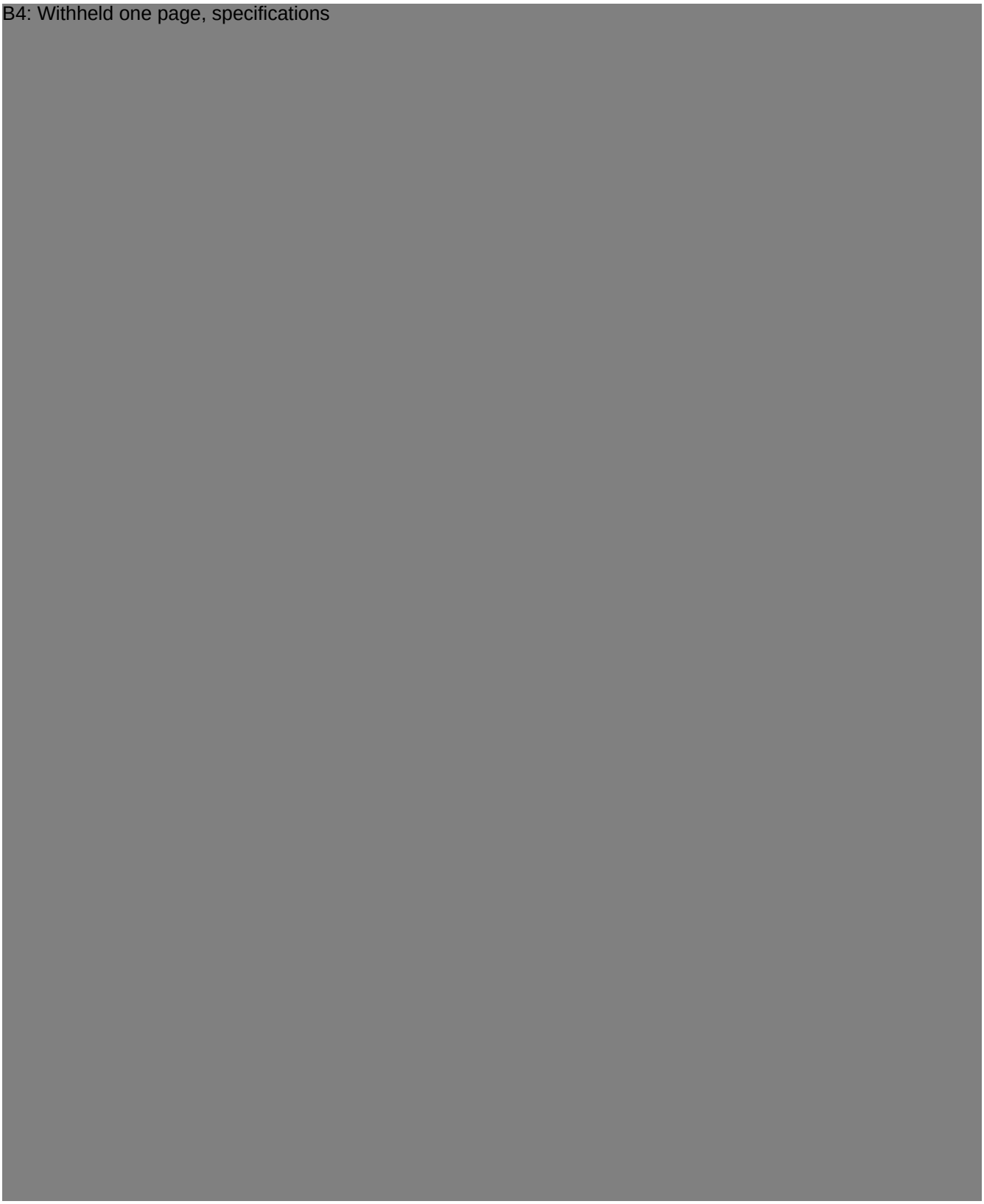


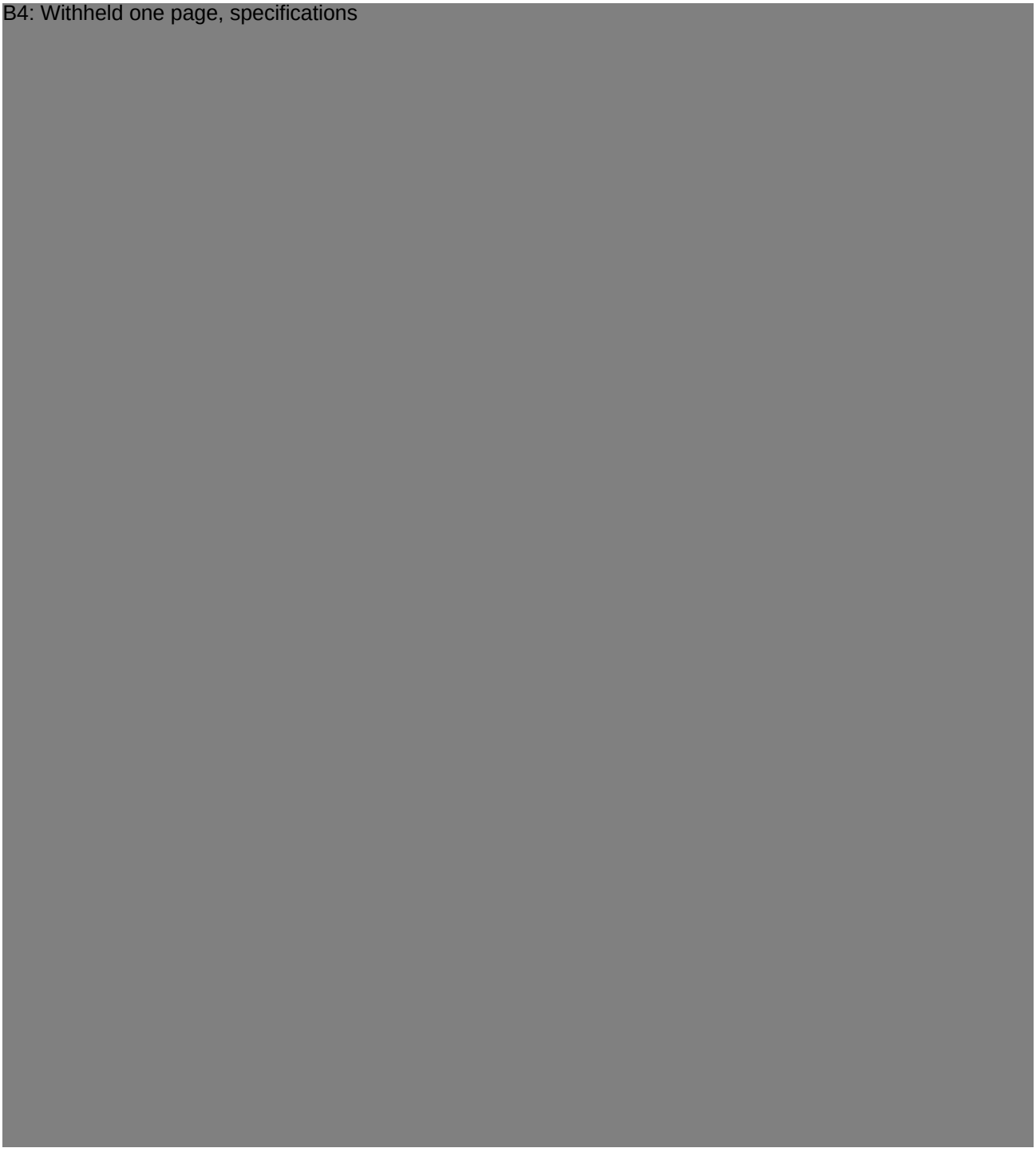
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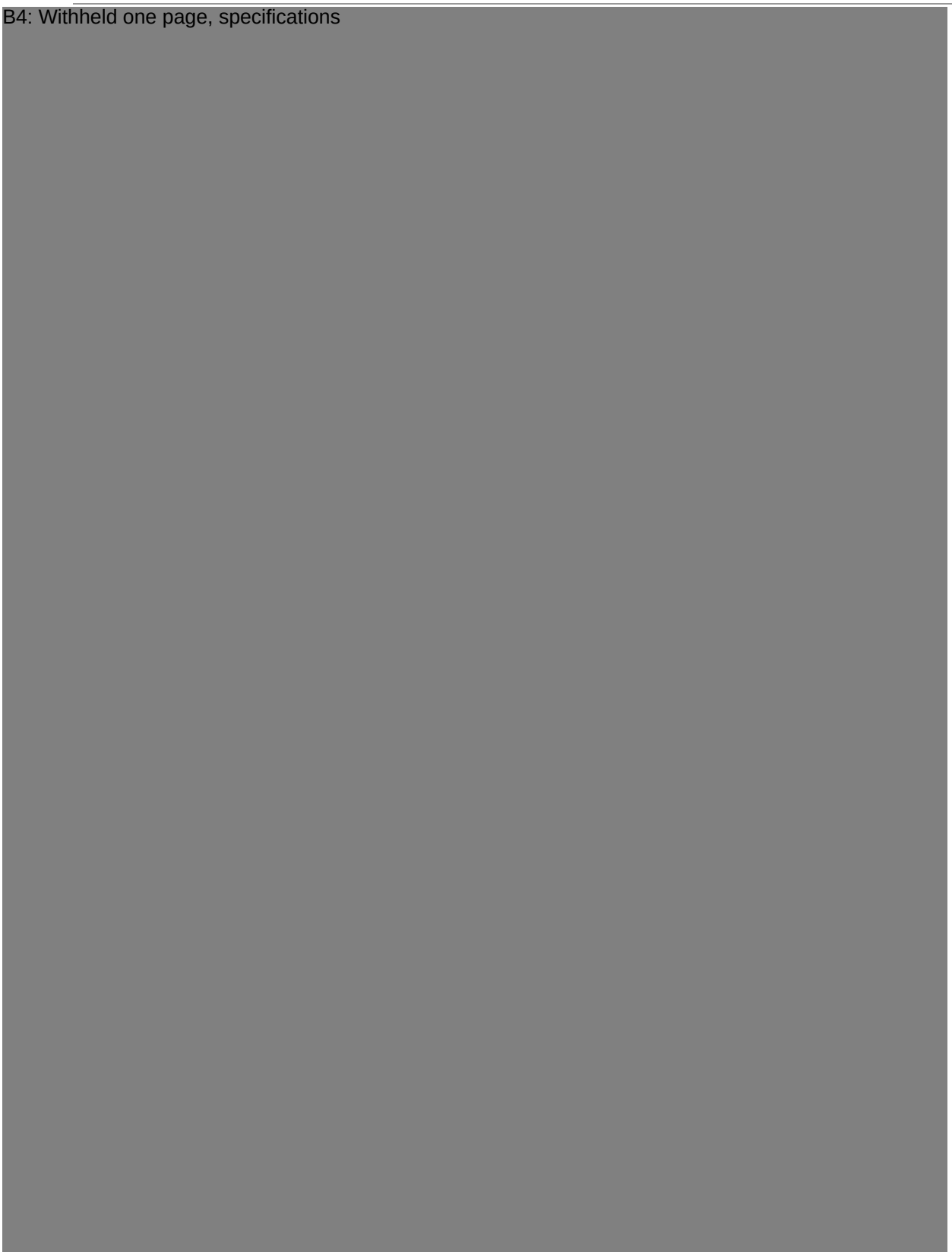
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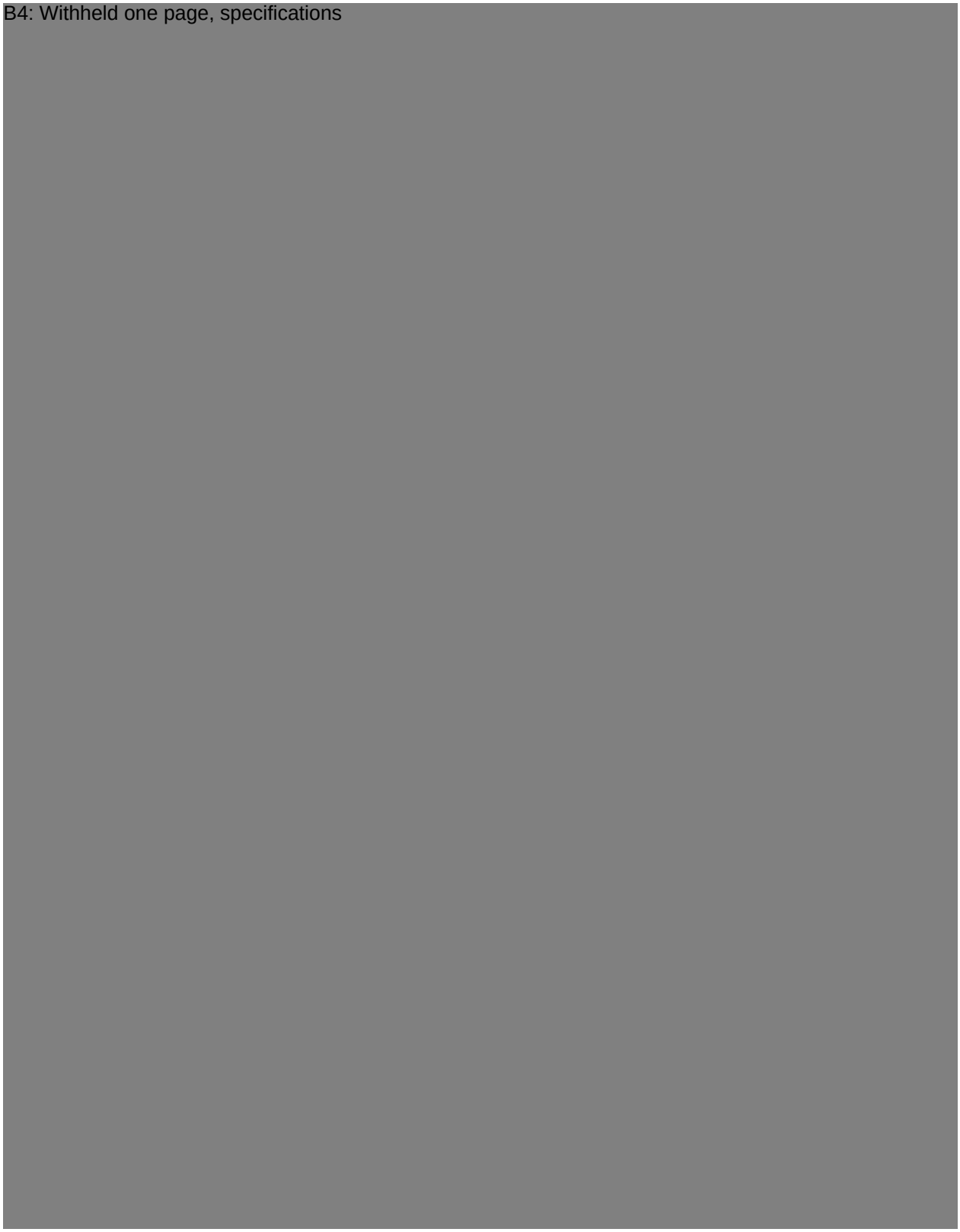
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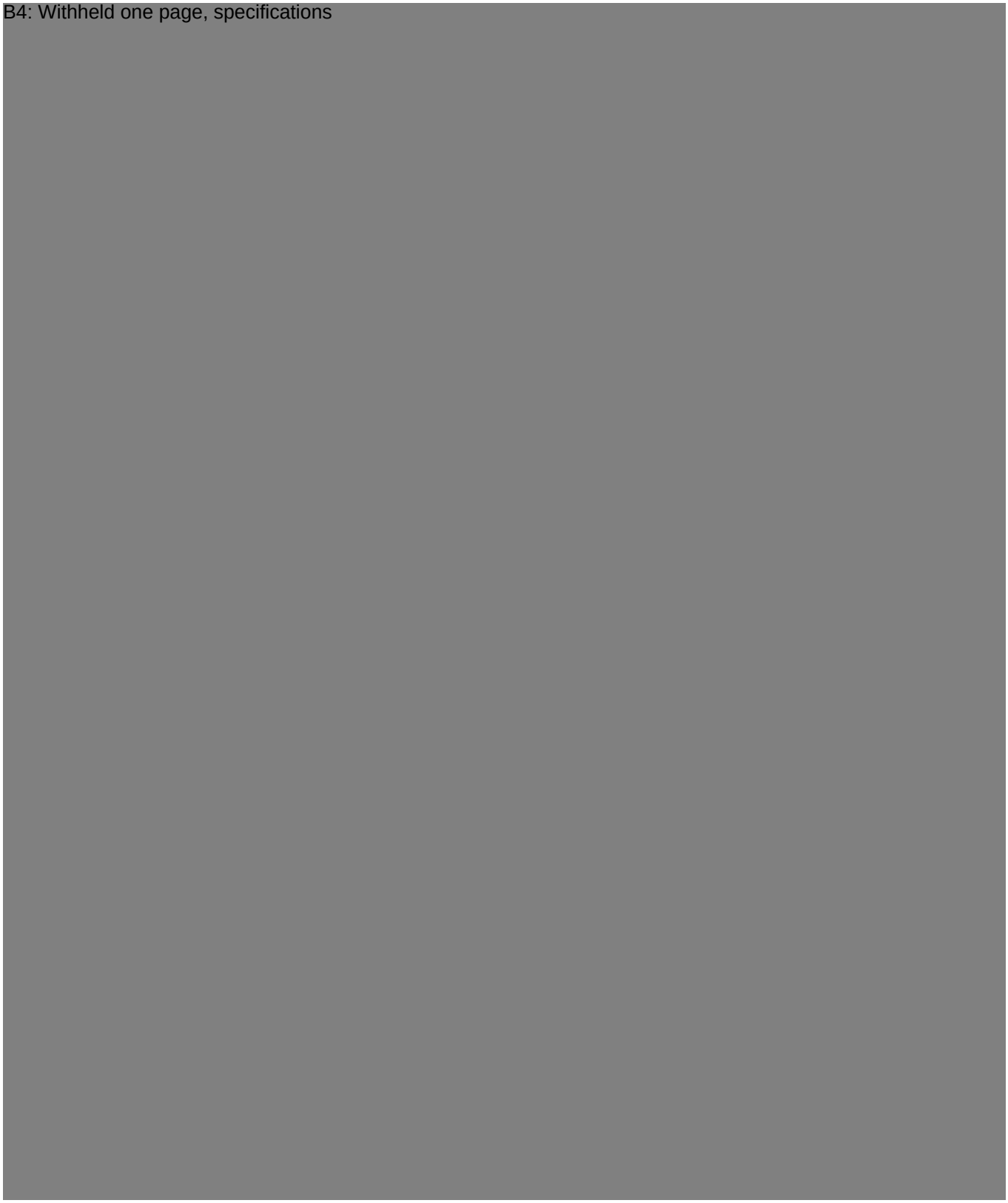
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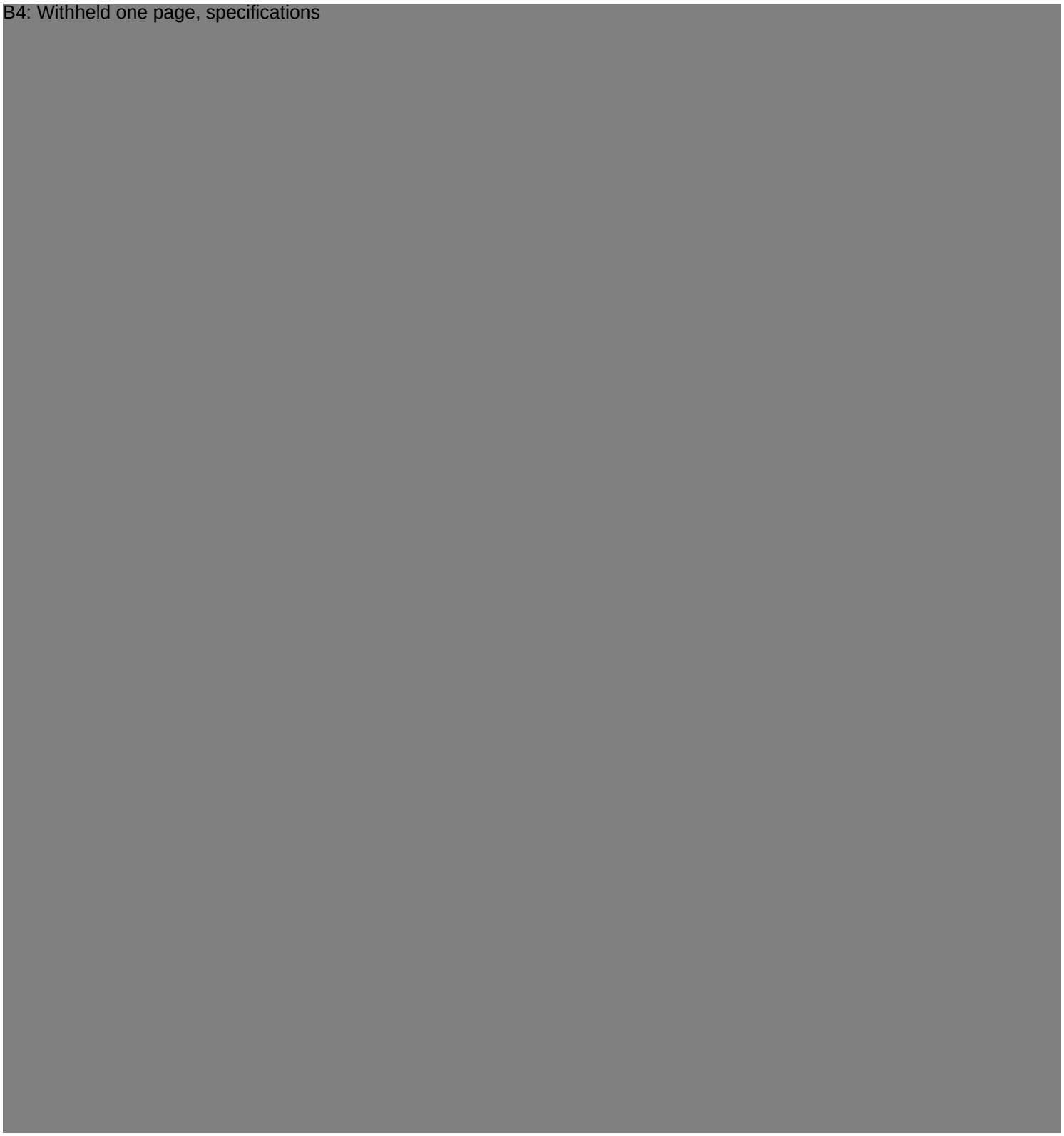
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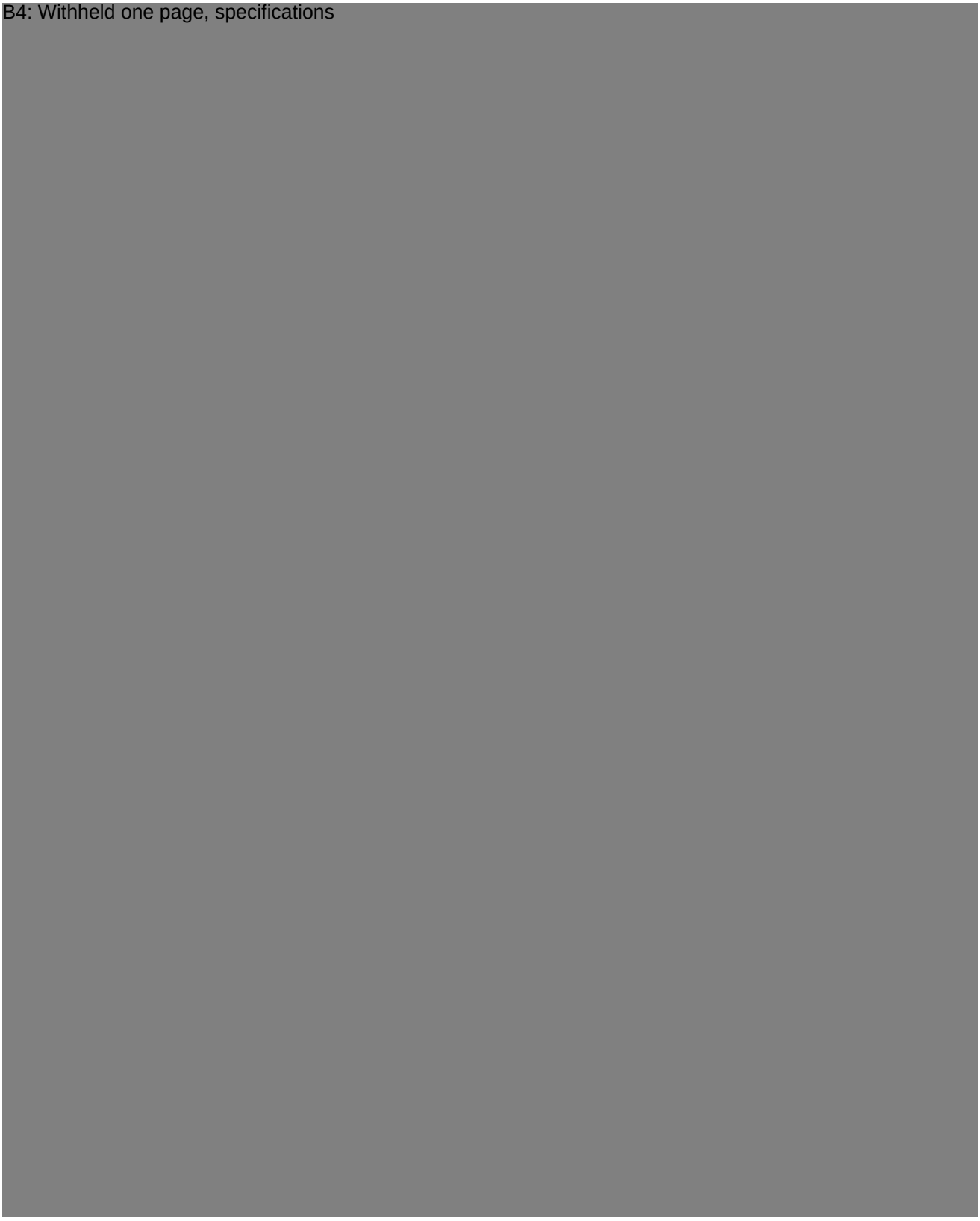
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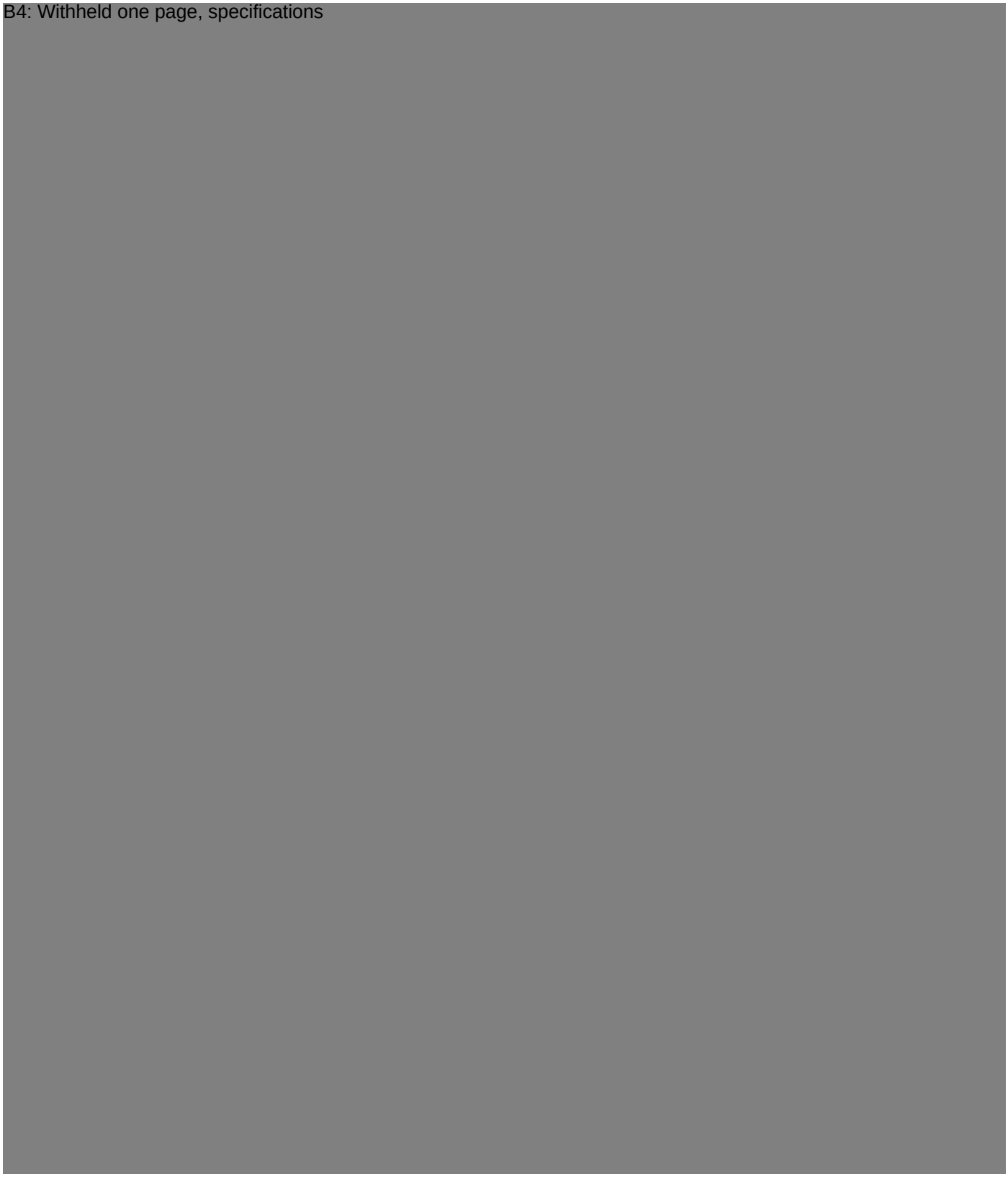
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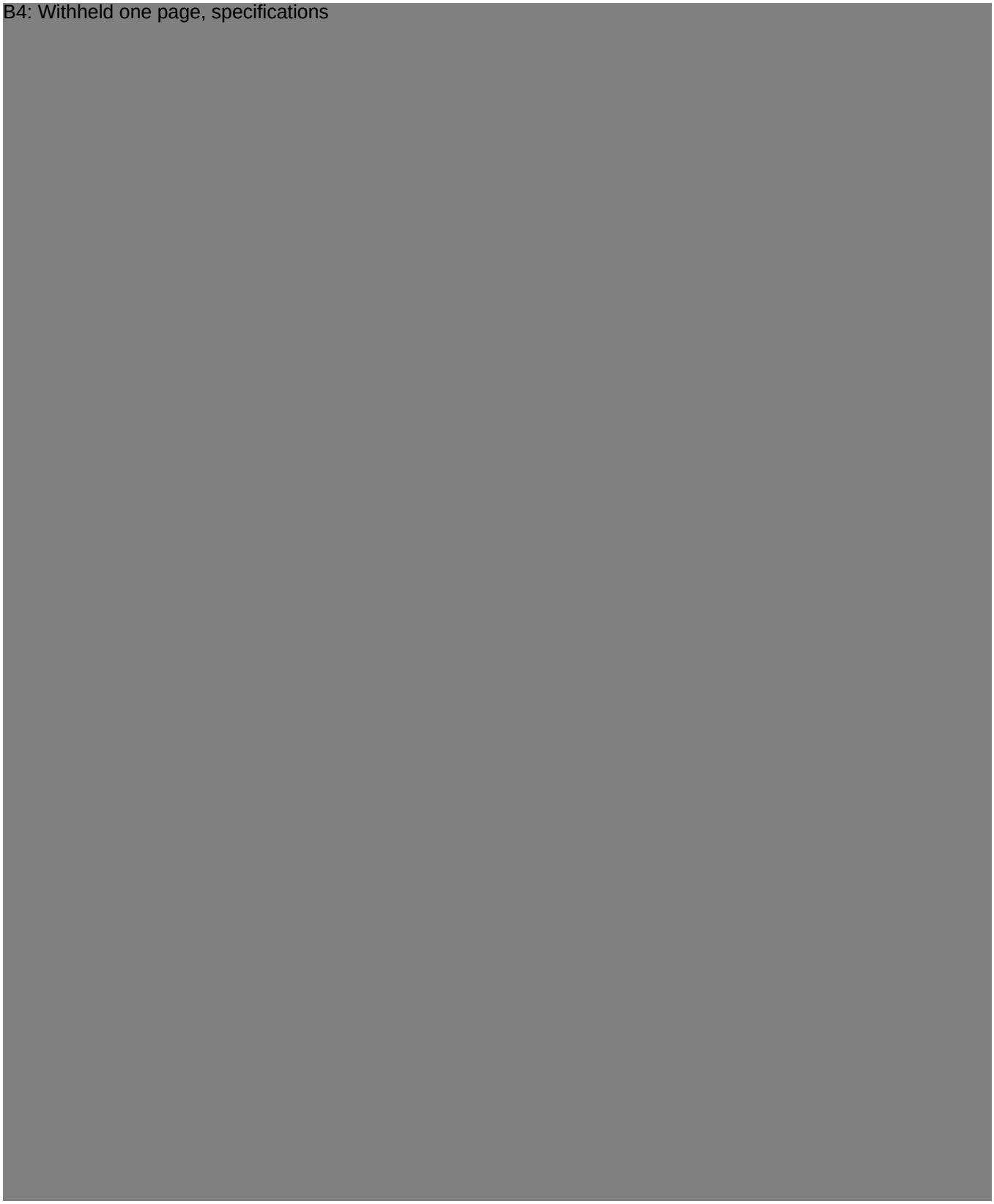
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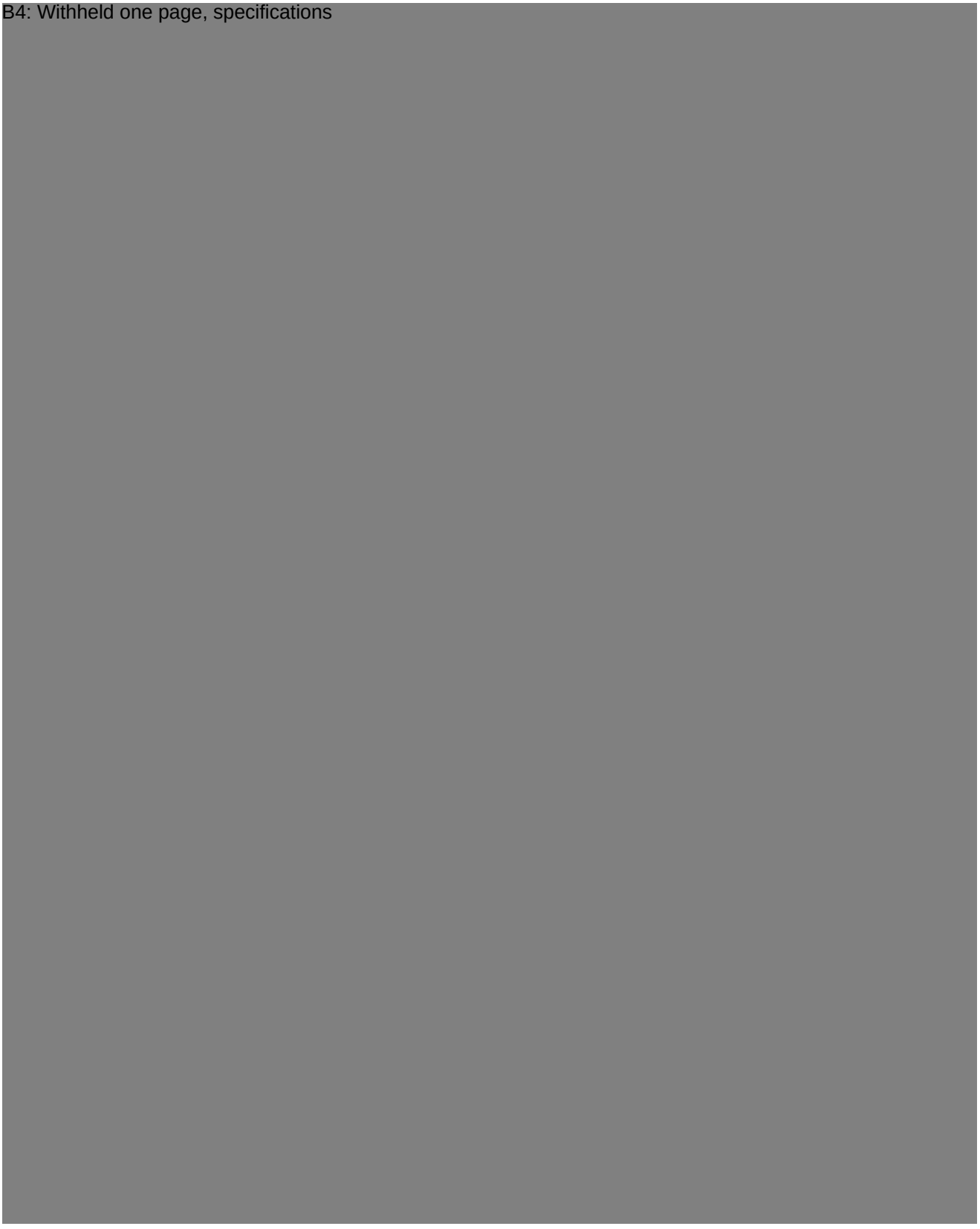


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SOFTWARE DESIGN SPECIFICATIONS

PLATFORM: P1

MODEL / GENERATION: 2.4

PRODUCT TYPE: SOFTWARE FOR HOLDER

SOFTWARE VERSION: 1.1

Version N°	Author	Description of change (including reason for change)	Type of change
1.0	Talon, Pascal	Initial version	1
1.0 SV	Farine, Robin	Submission Version	2

(1: Major change/new version; 2: Minor change; 3: Review without change)

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1 Introduction

1.1 Purpose

The purpose of this document is to present the architecture and detailed design of the P1 2.4 Holder software. It explains the internal structure of the software, how it works and the constraints respected.
This document is intended for software developers and stakeholders who participate in the development of P1 2.4 Holder.

1.2 Scope

(b) (4)

1.3 Definitions

This subsection provides definitions for terms or noun phrases which have a specific meaning in the context of this document.

1.3.1 Terminology

Terms	*Definitions*
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2 Architecture Design

This section describes the architecture of the software (b) (4)
(b) (4)
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(b) (4)

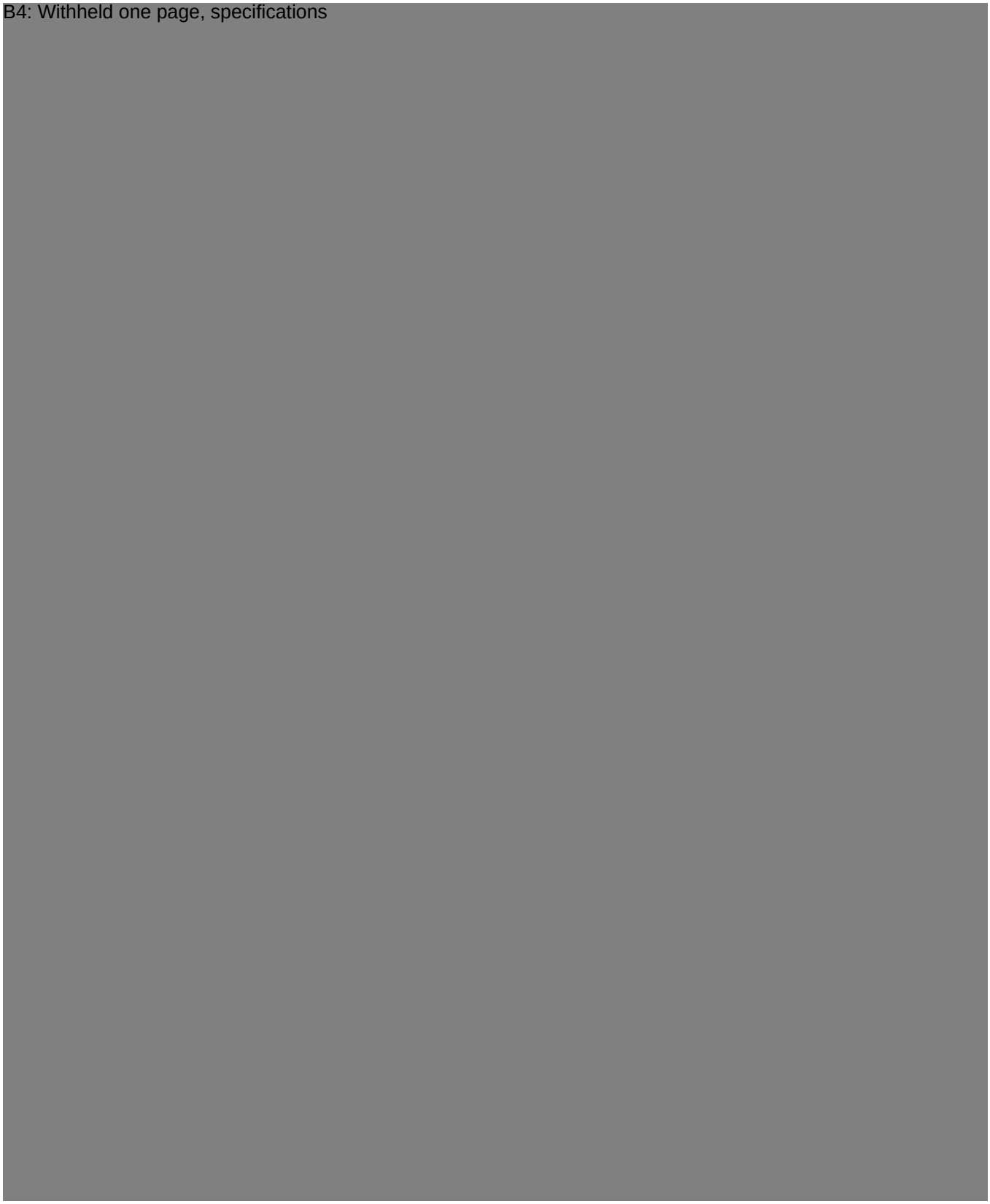
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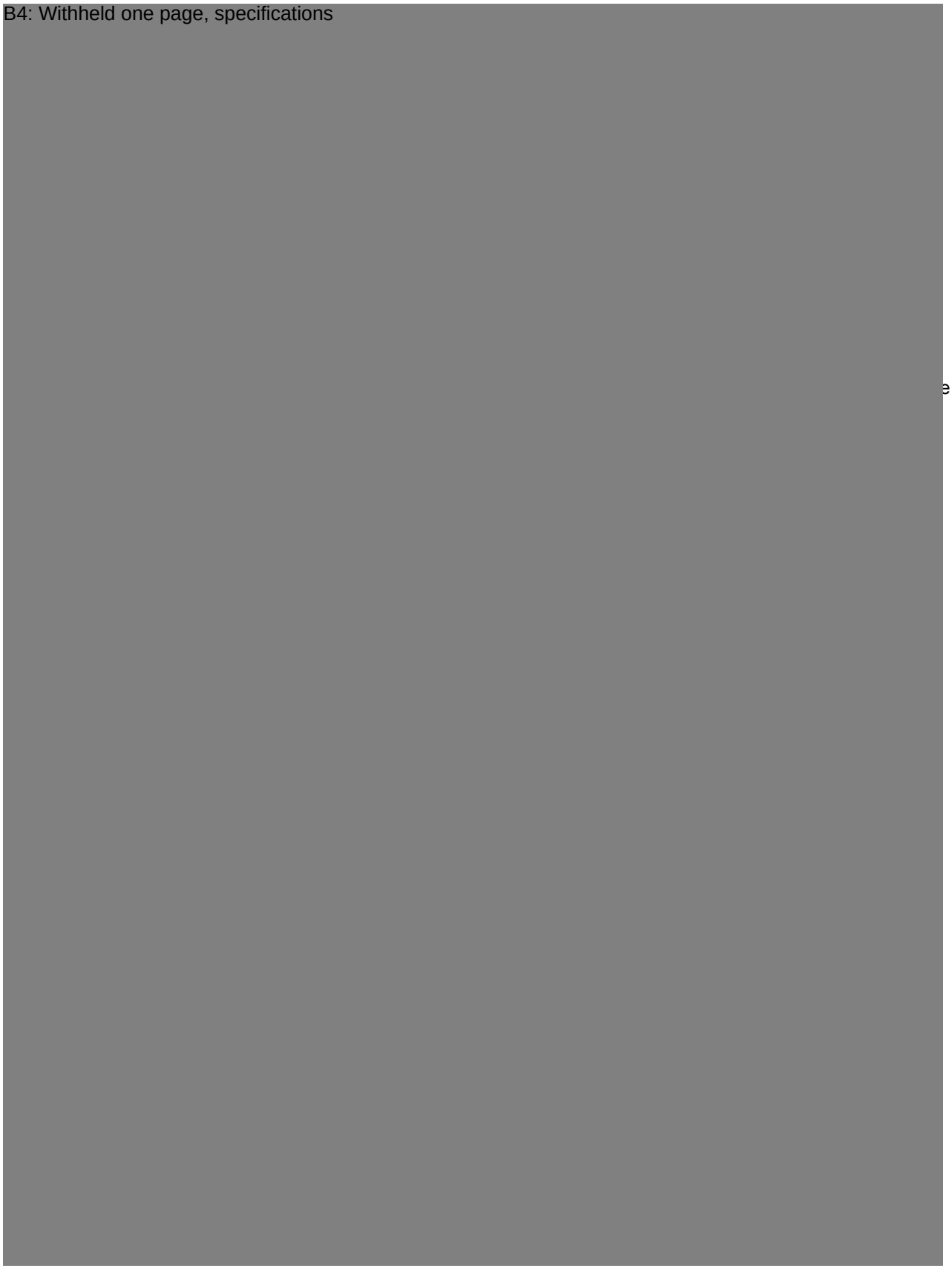
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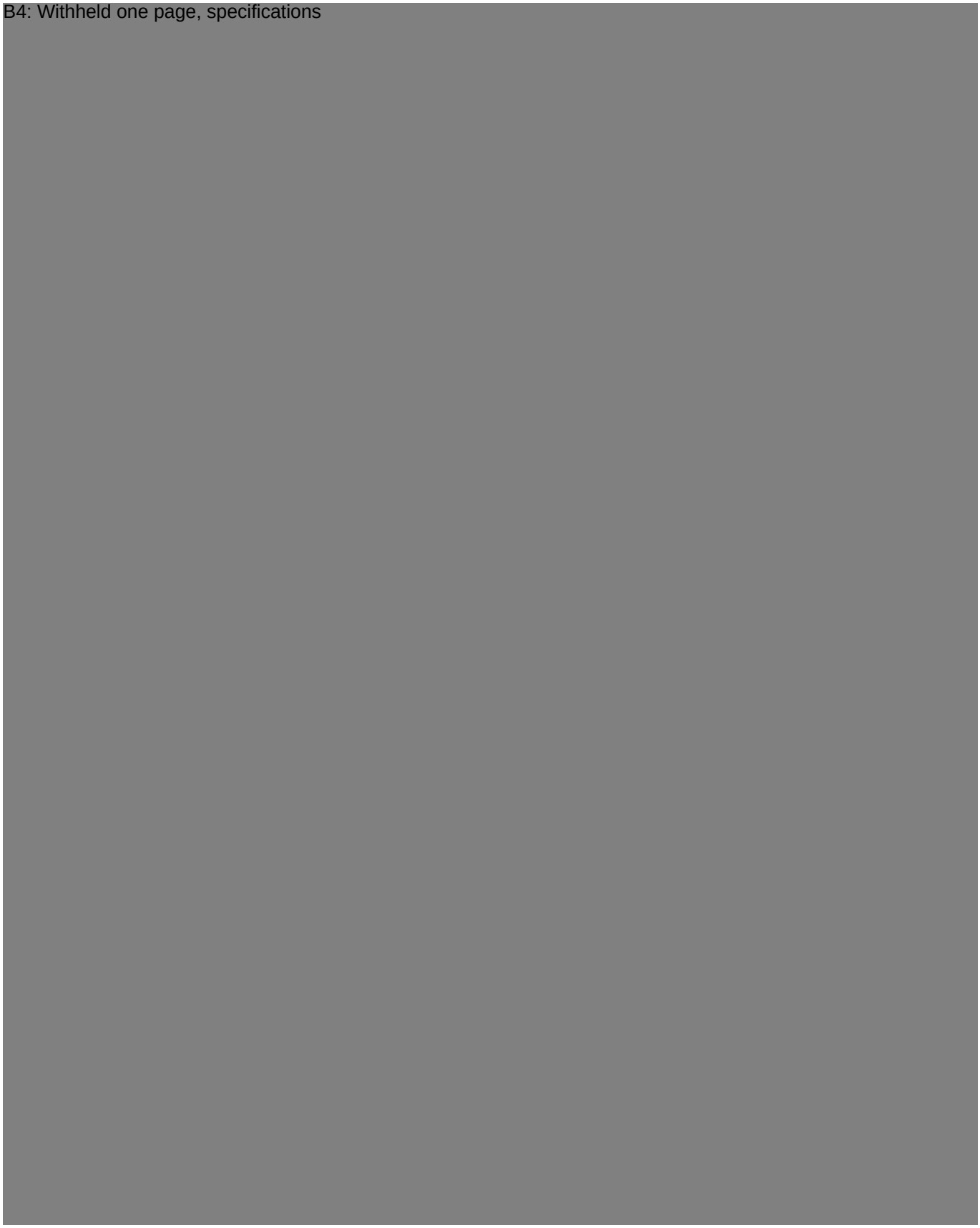
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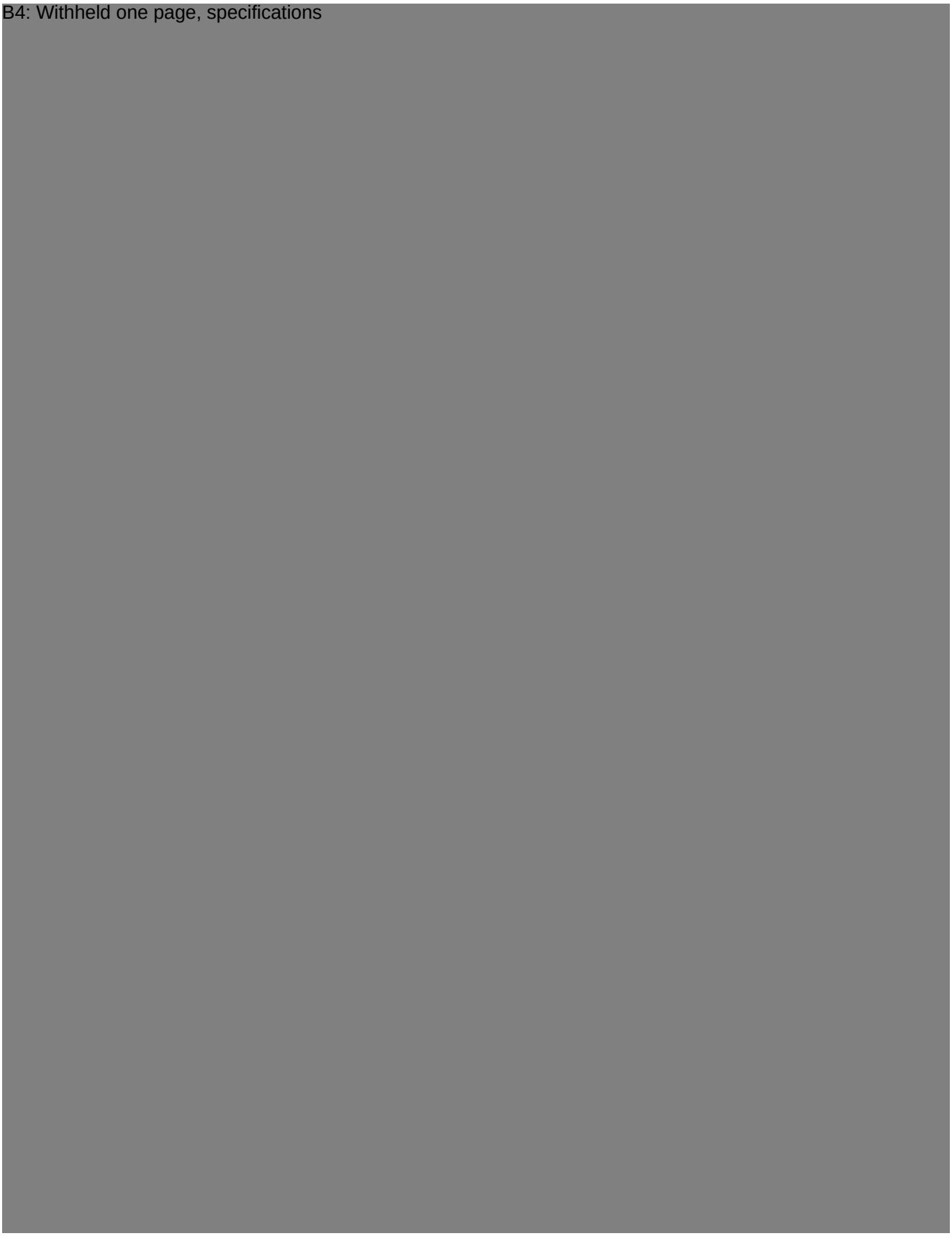
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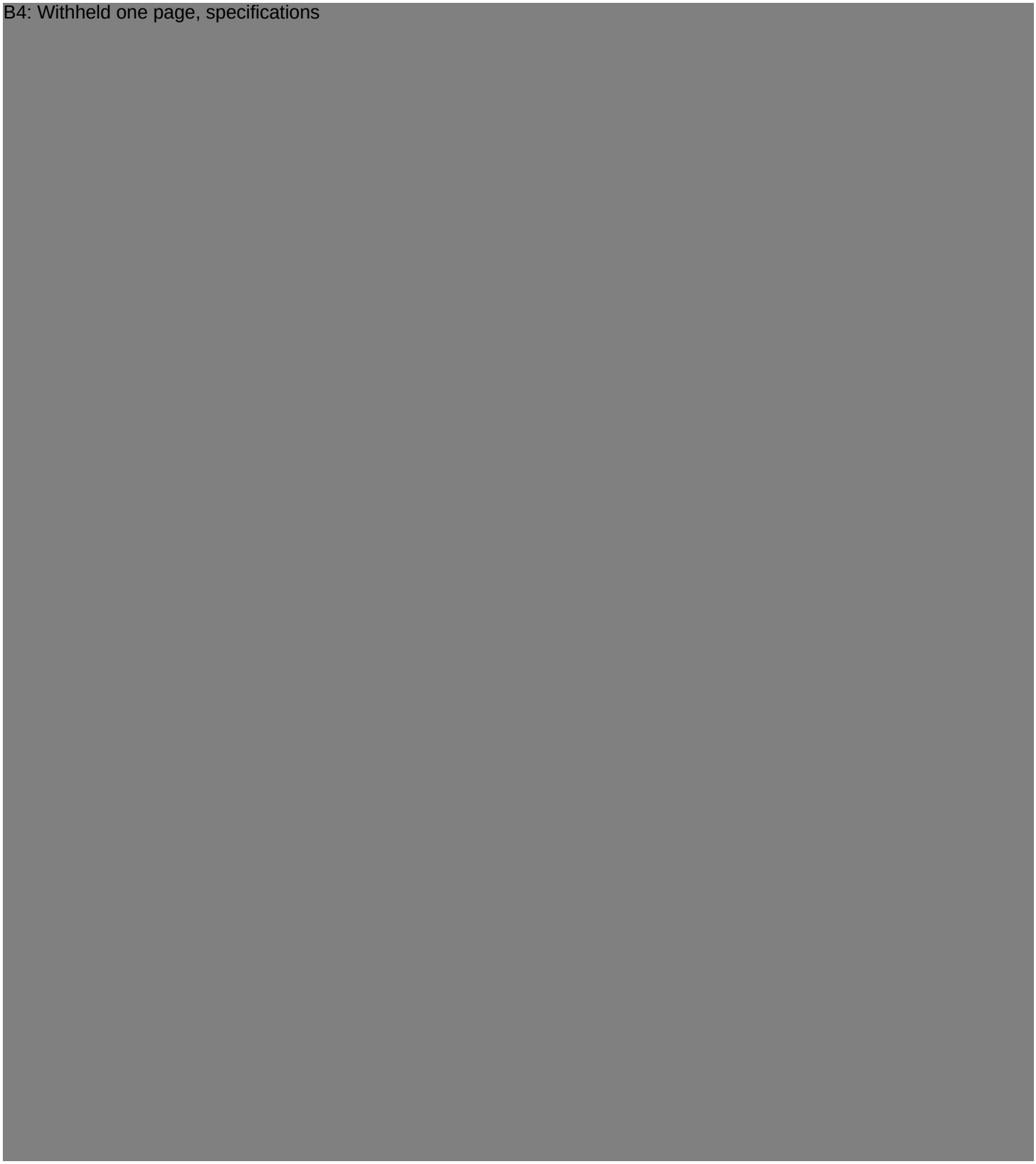
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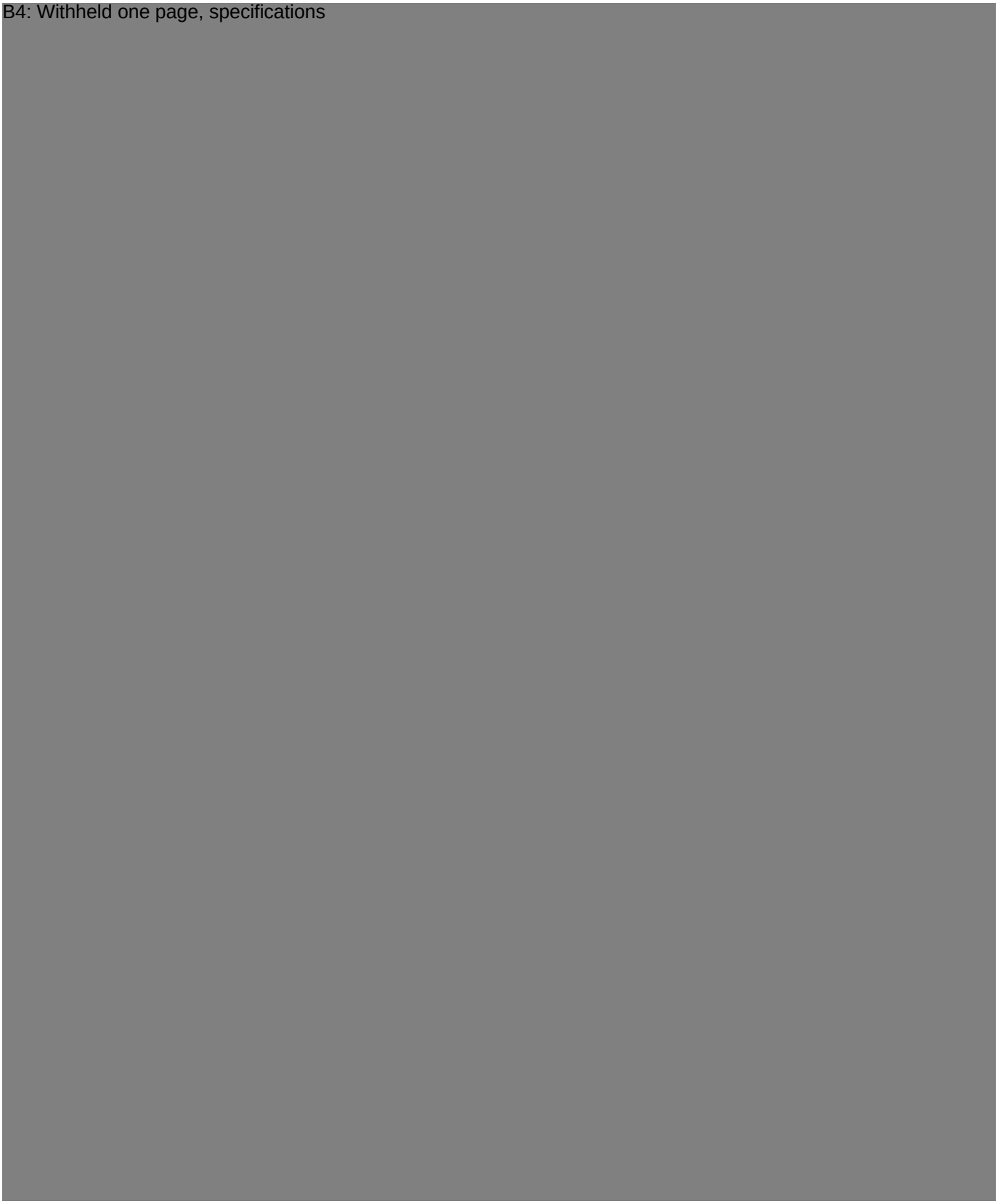
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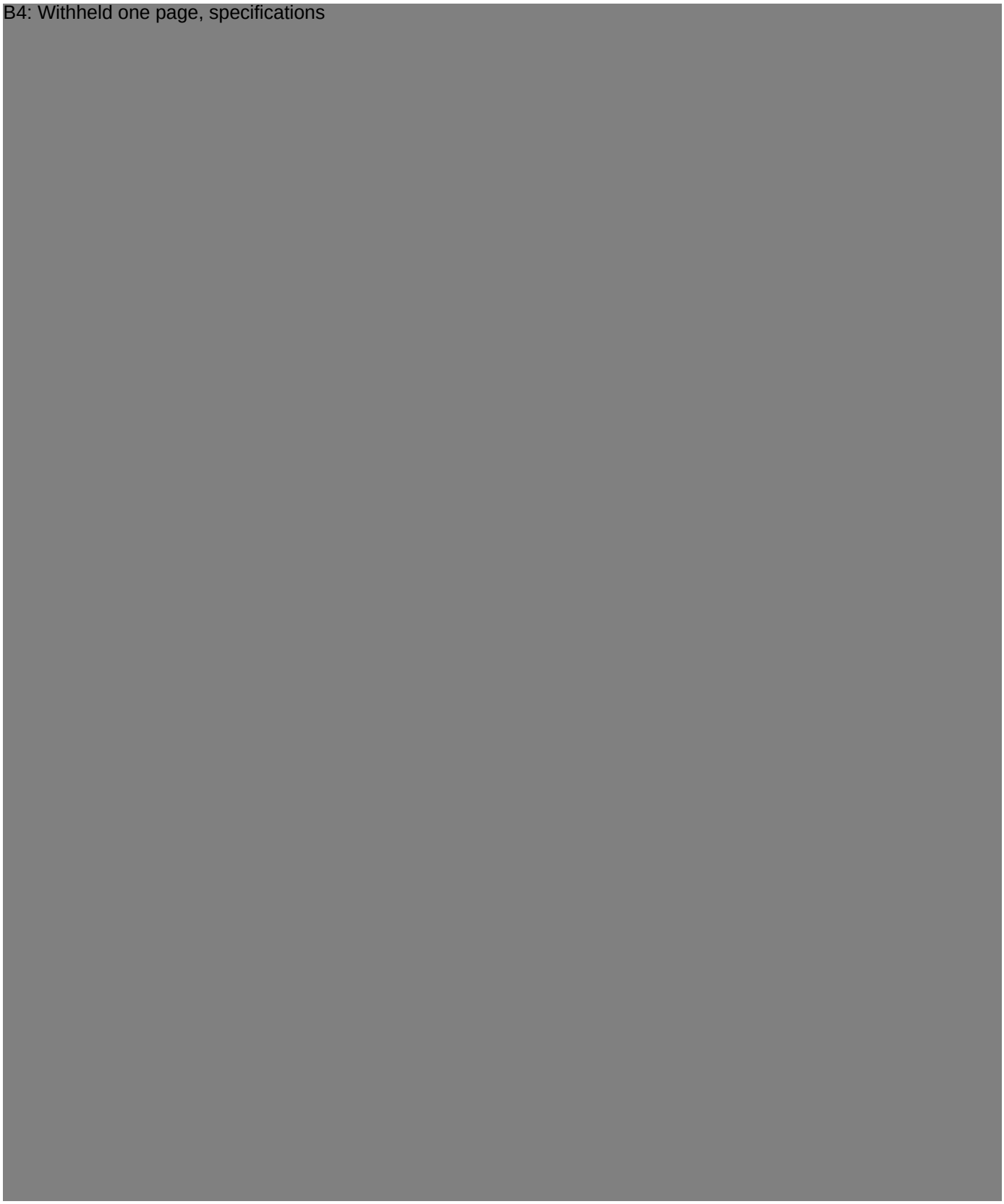
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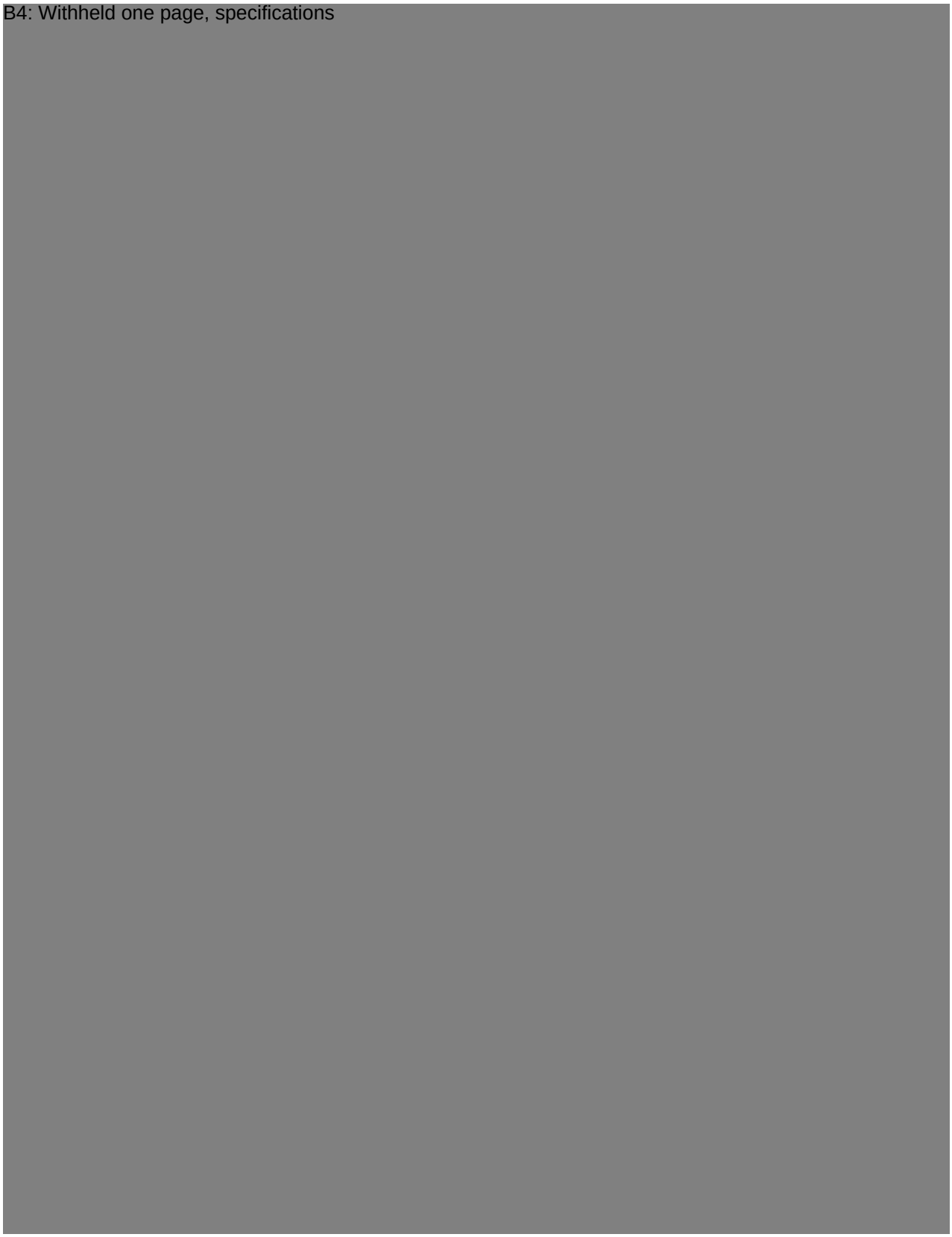
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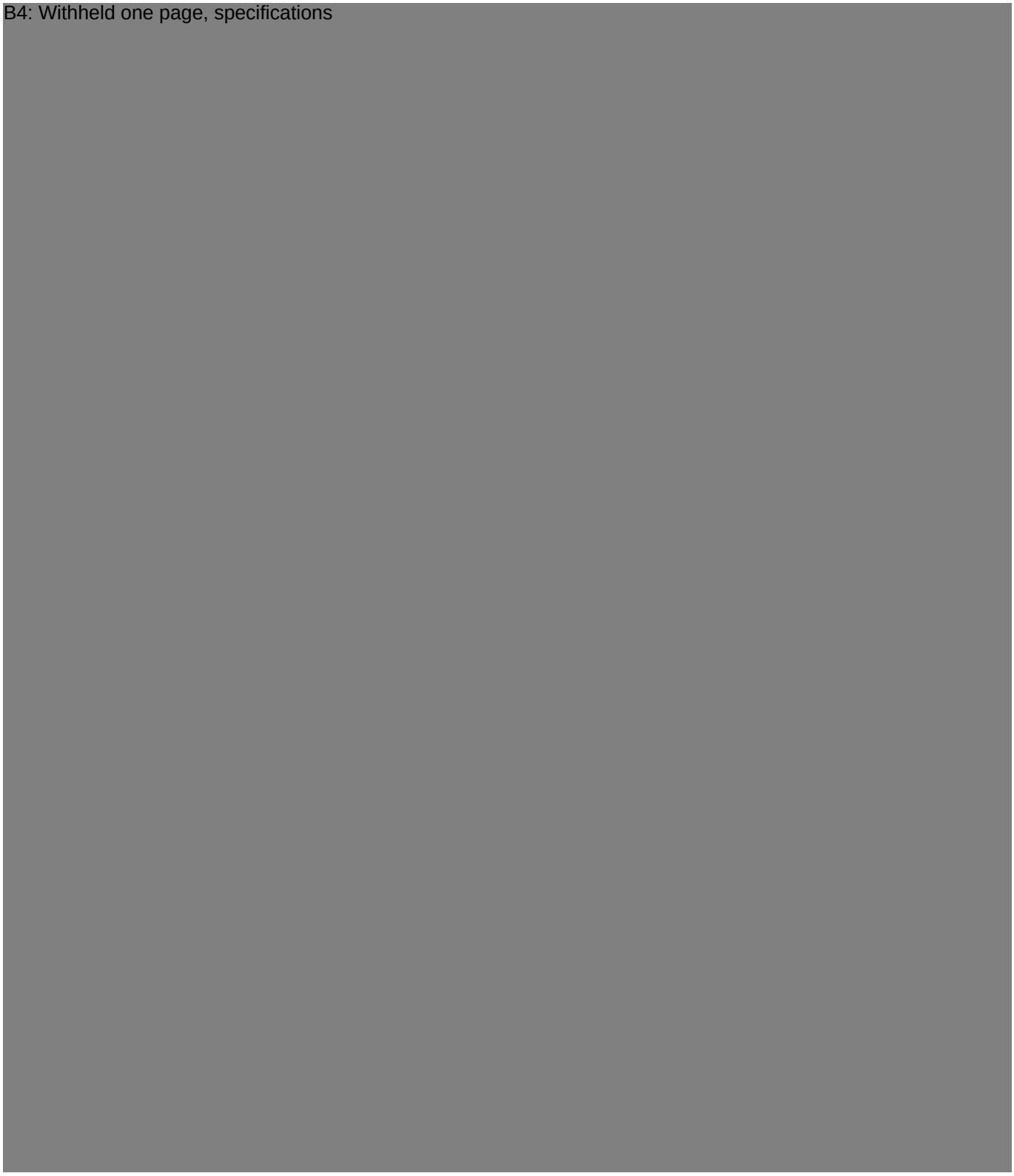
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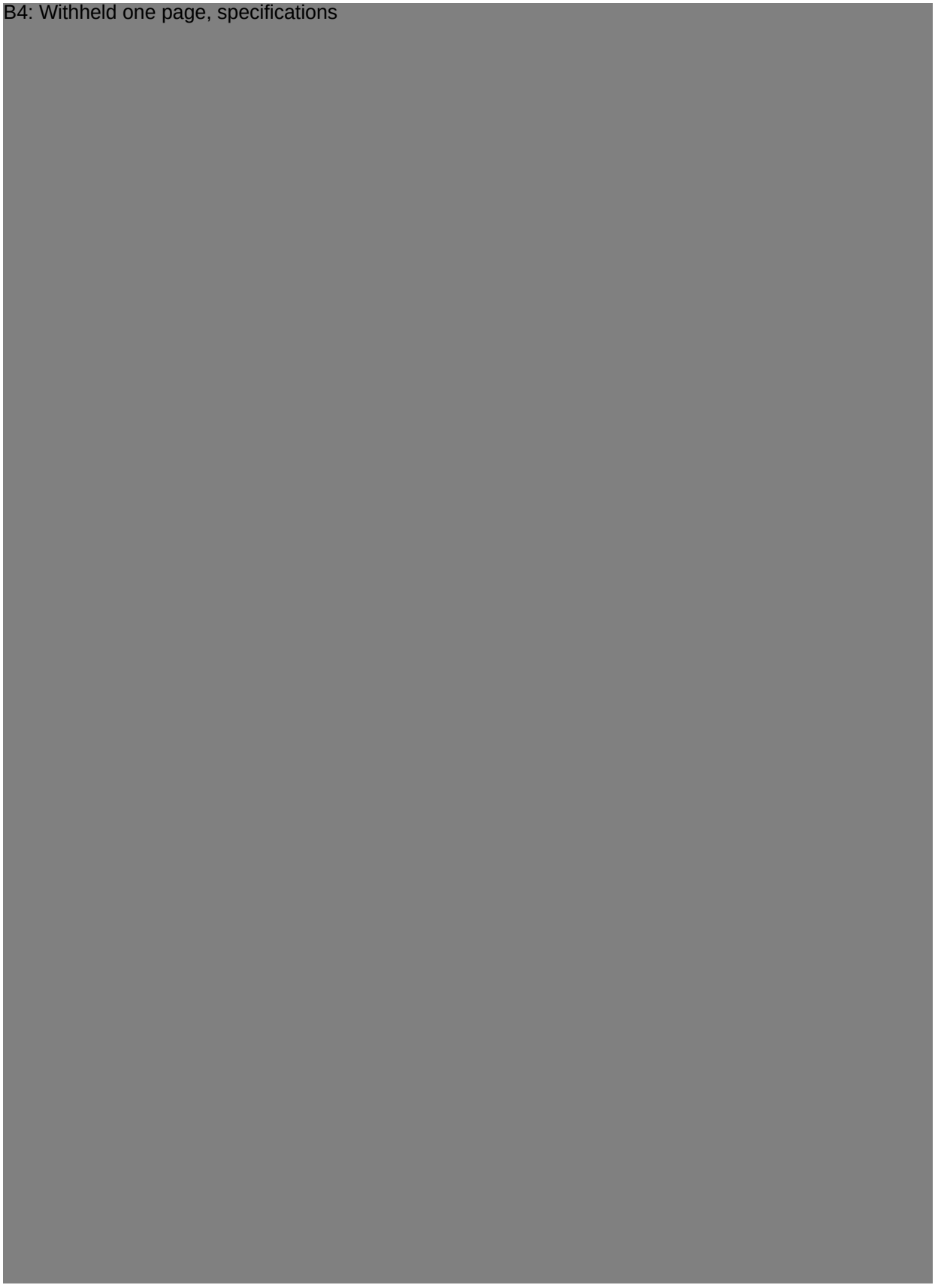
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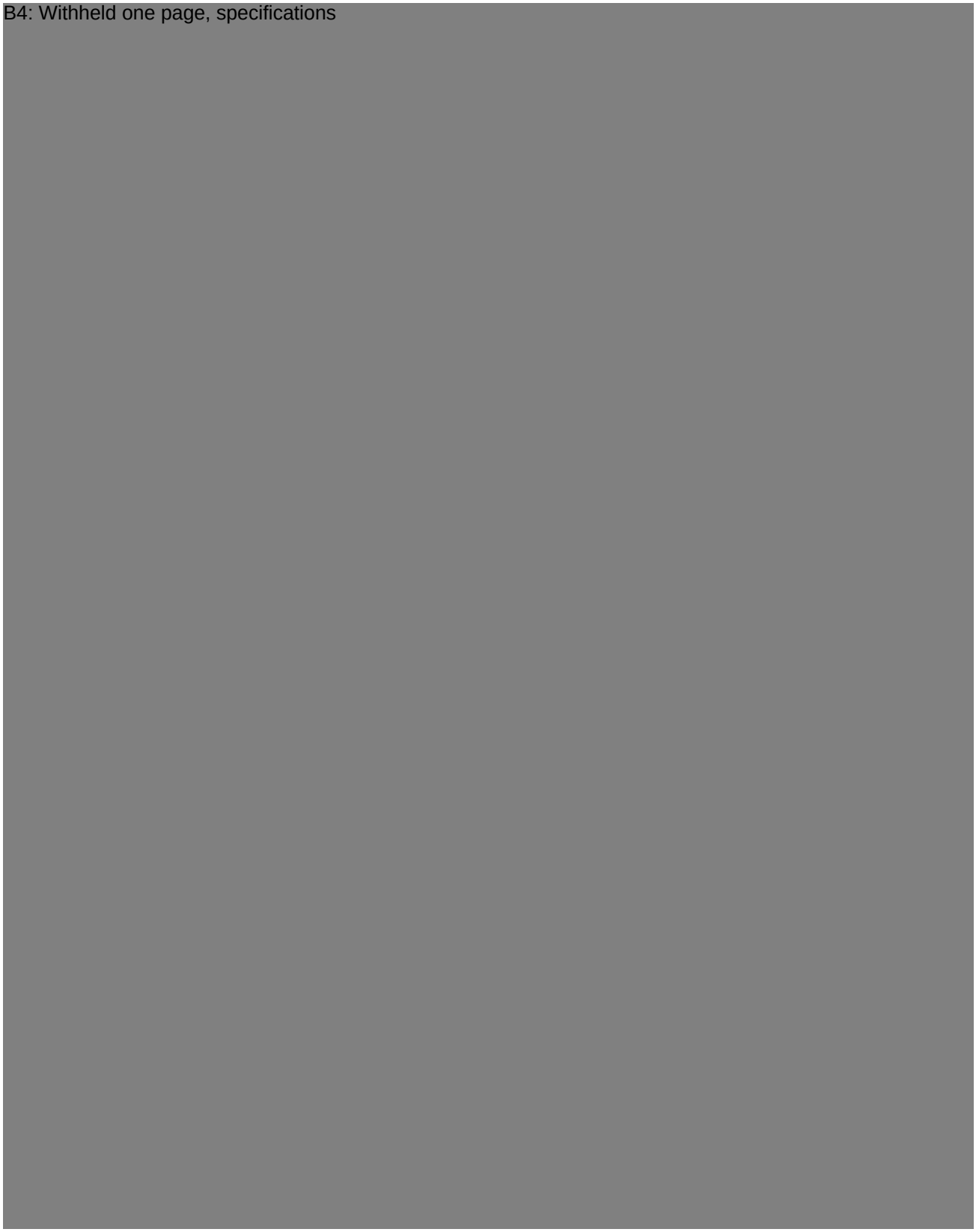

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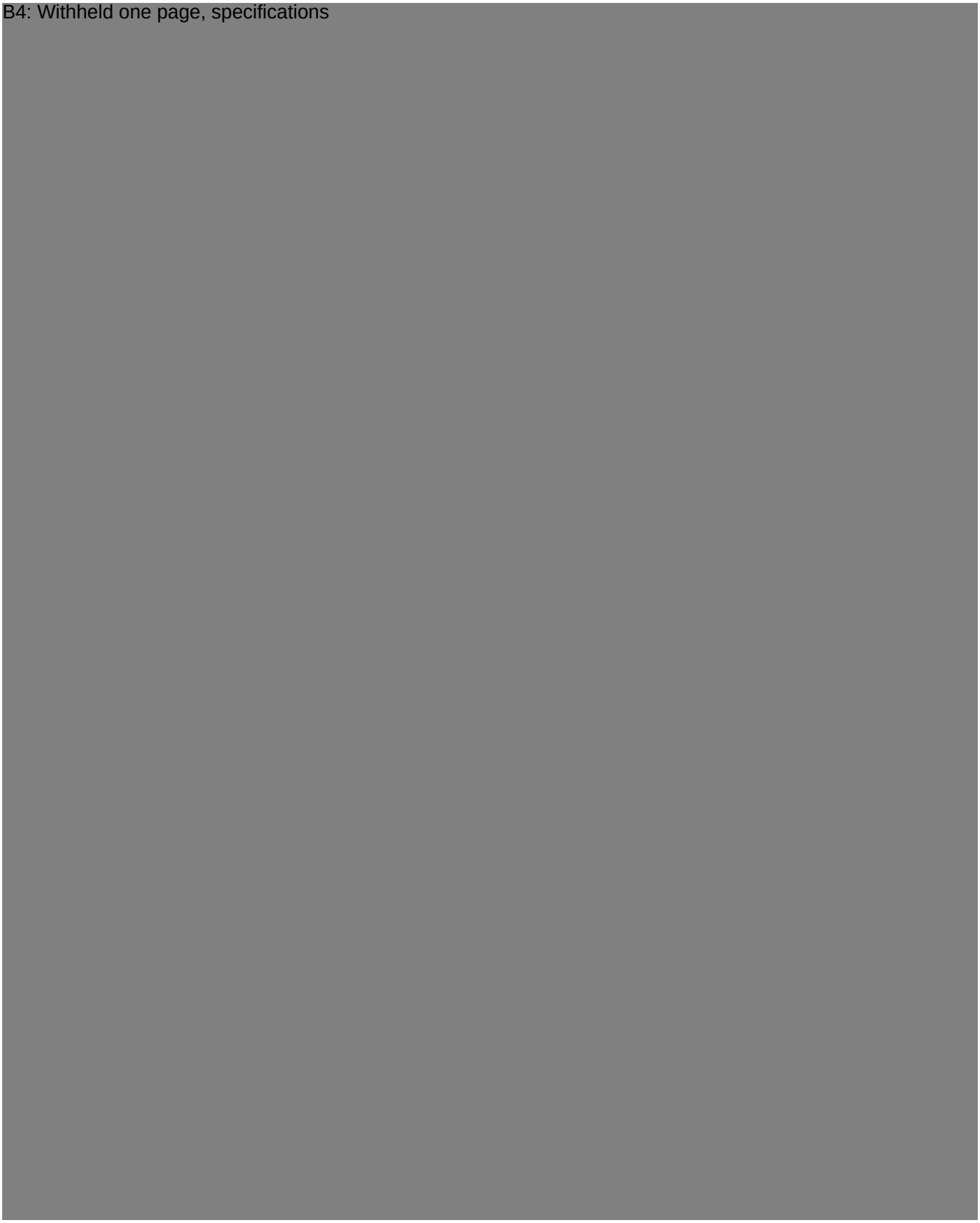


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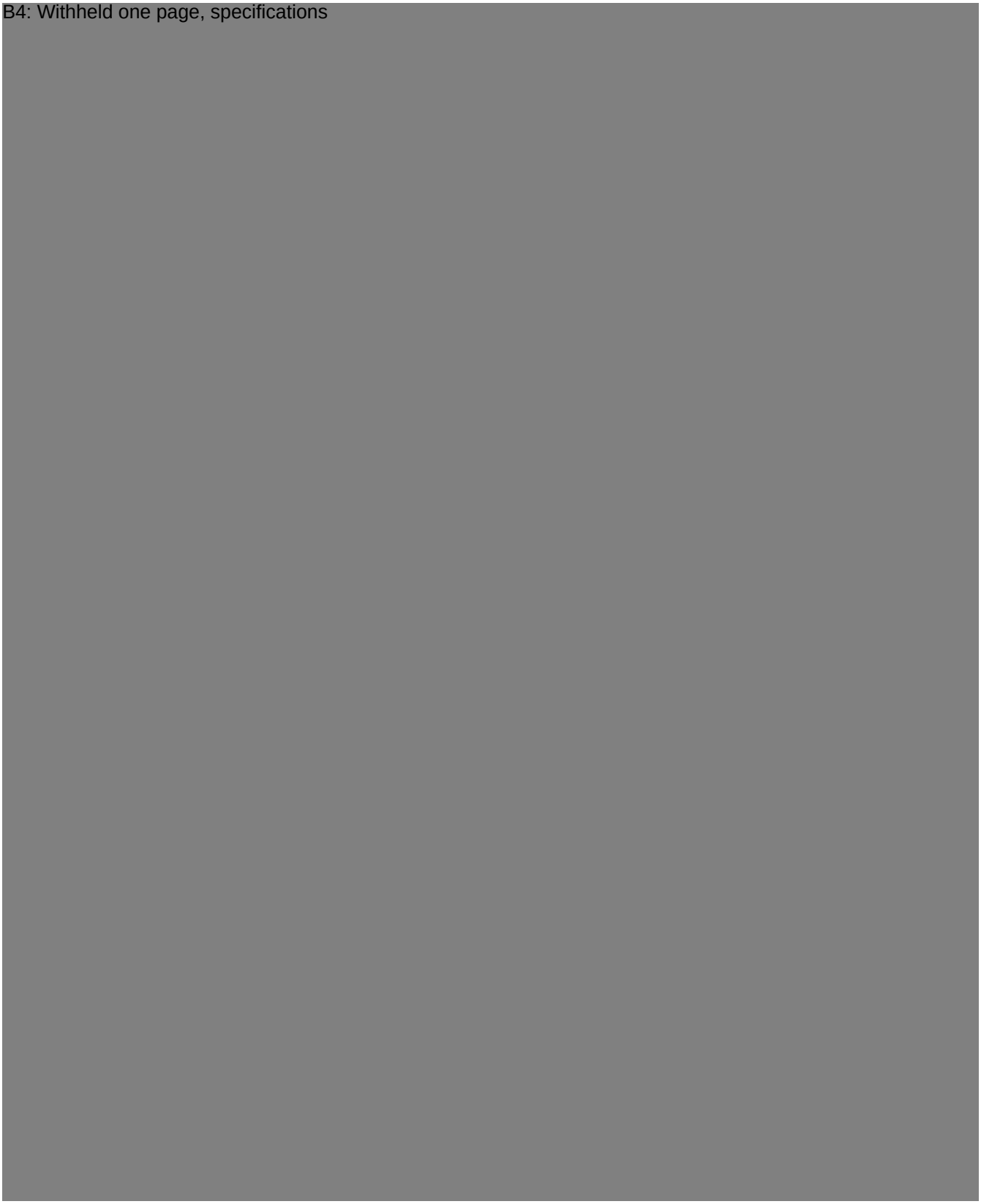
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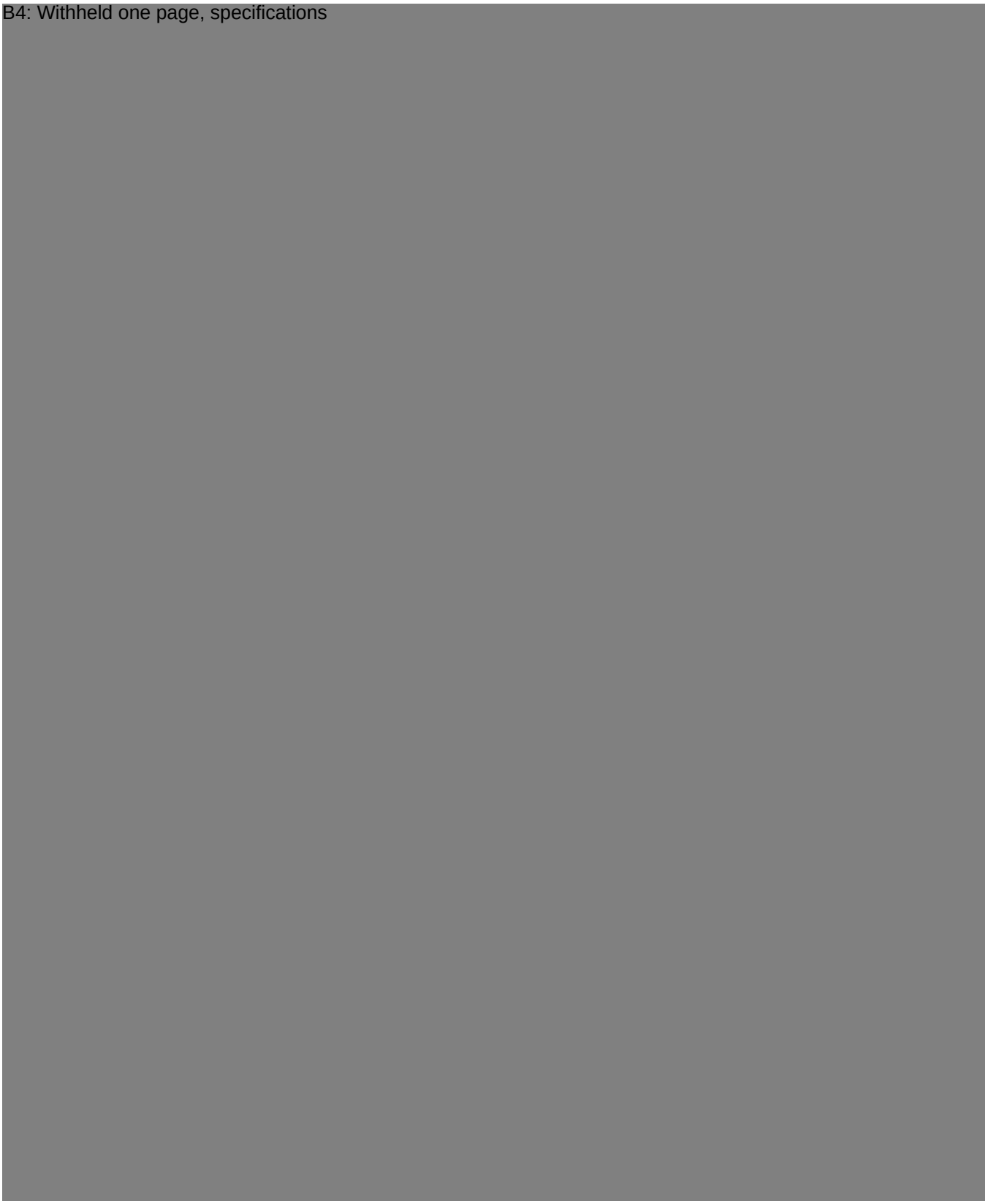


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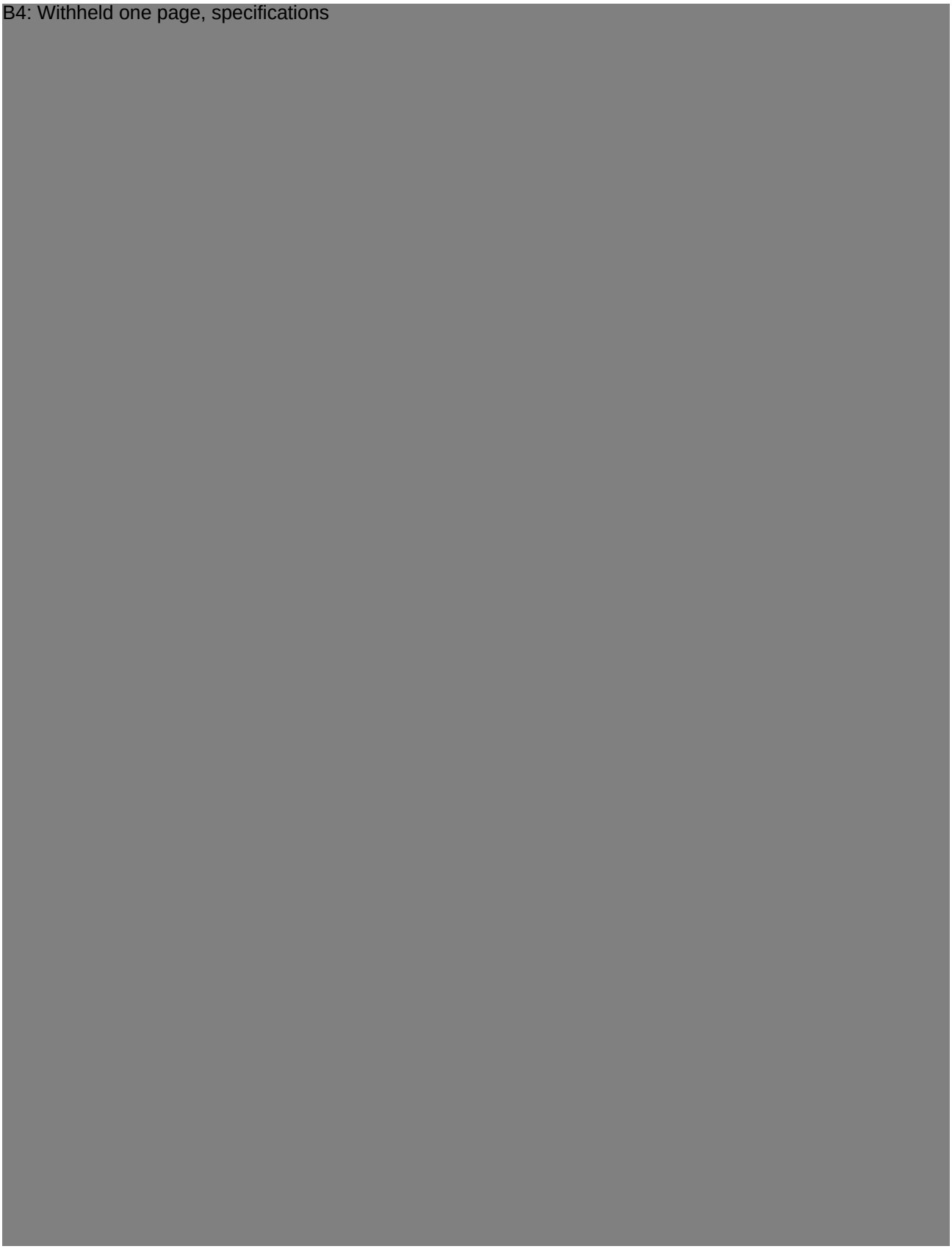
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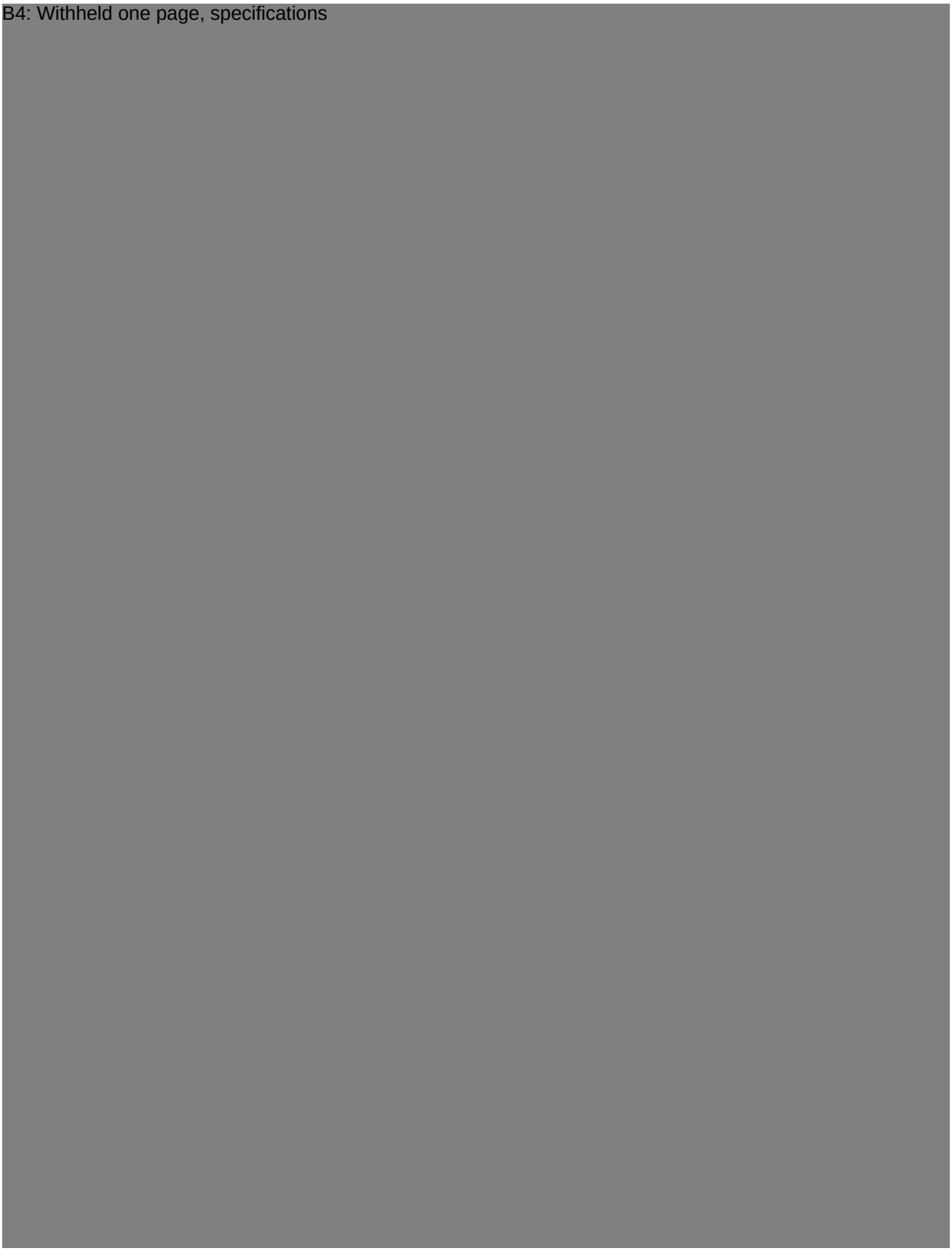


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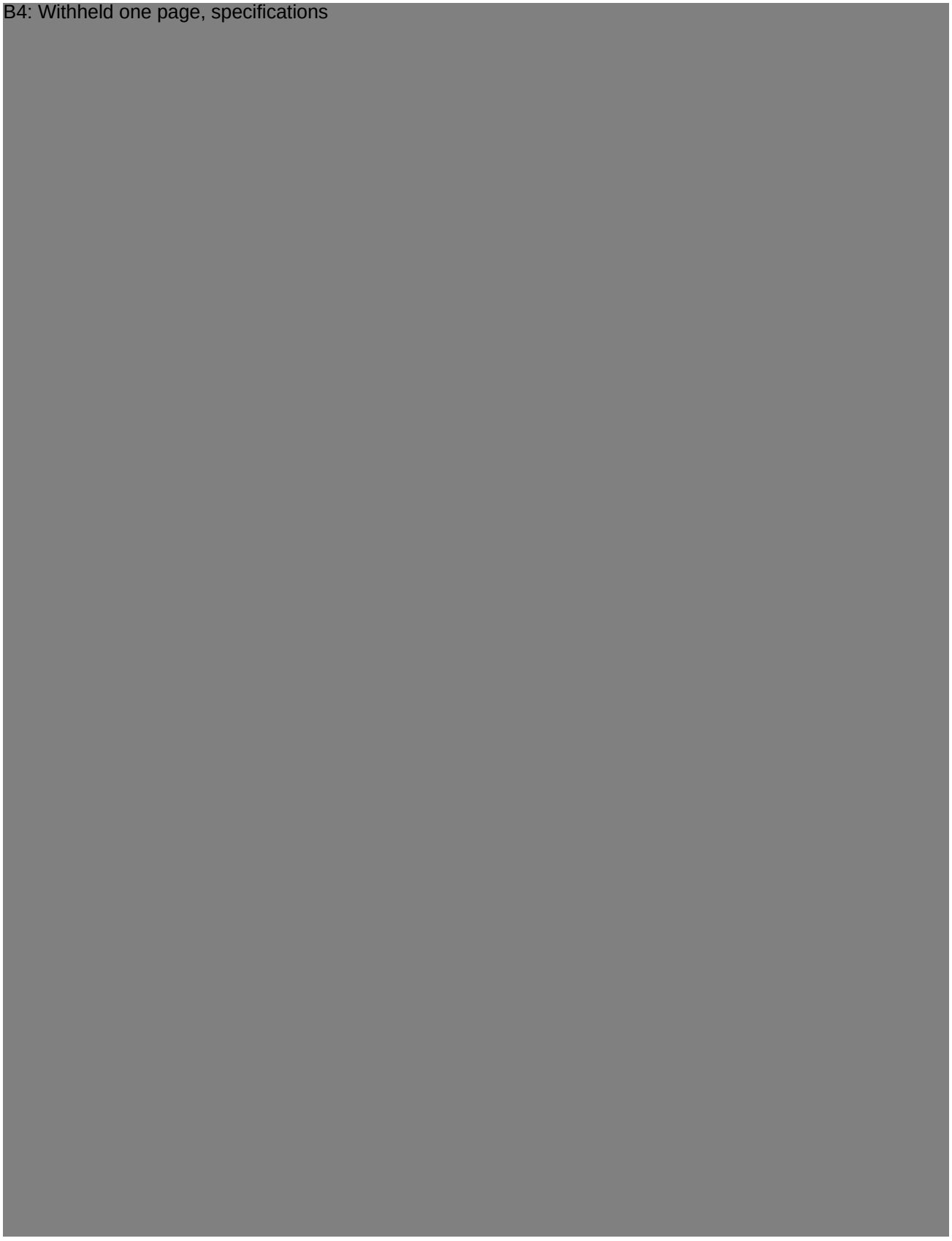
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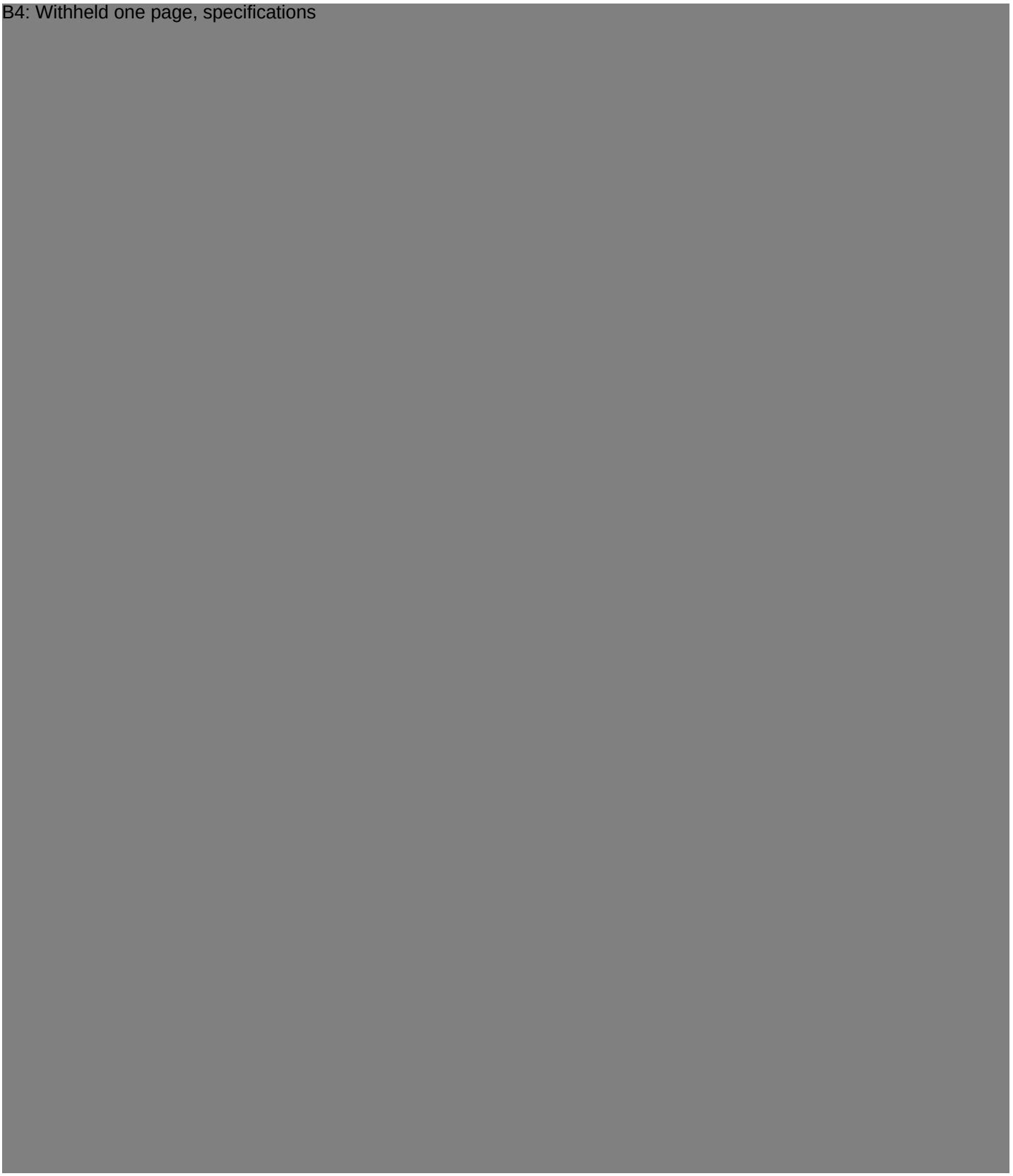
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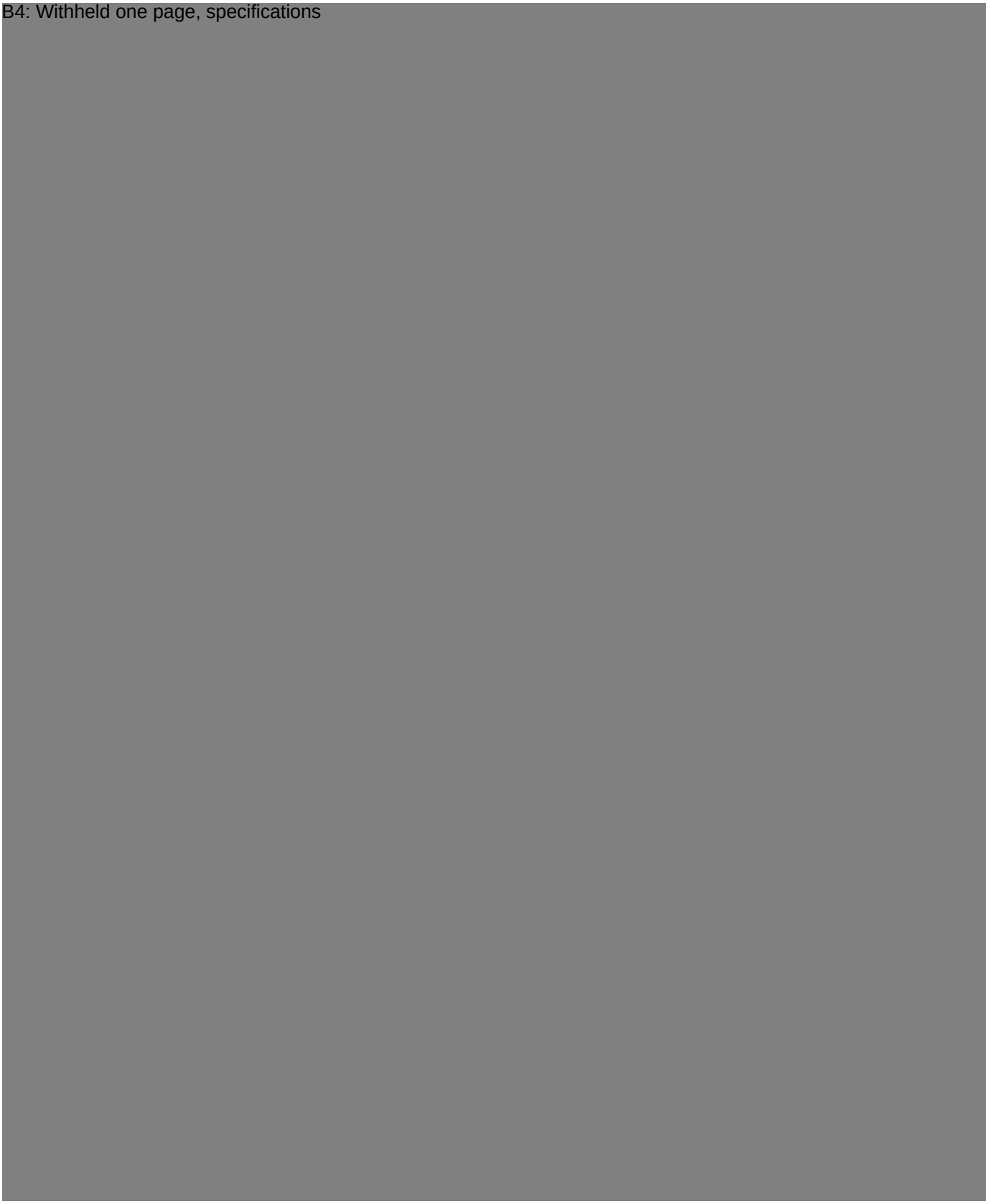
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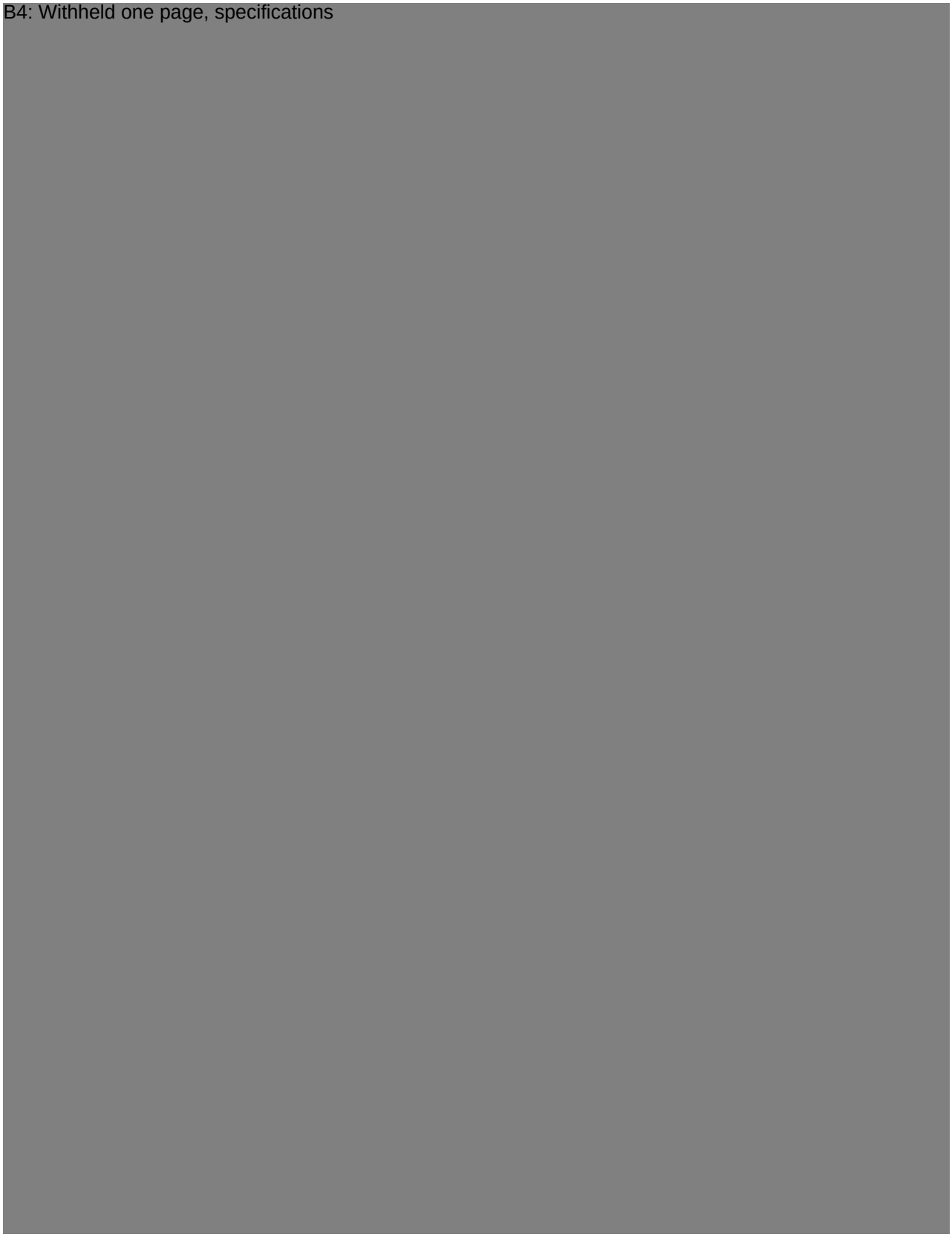
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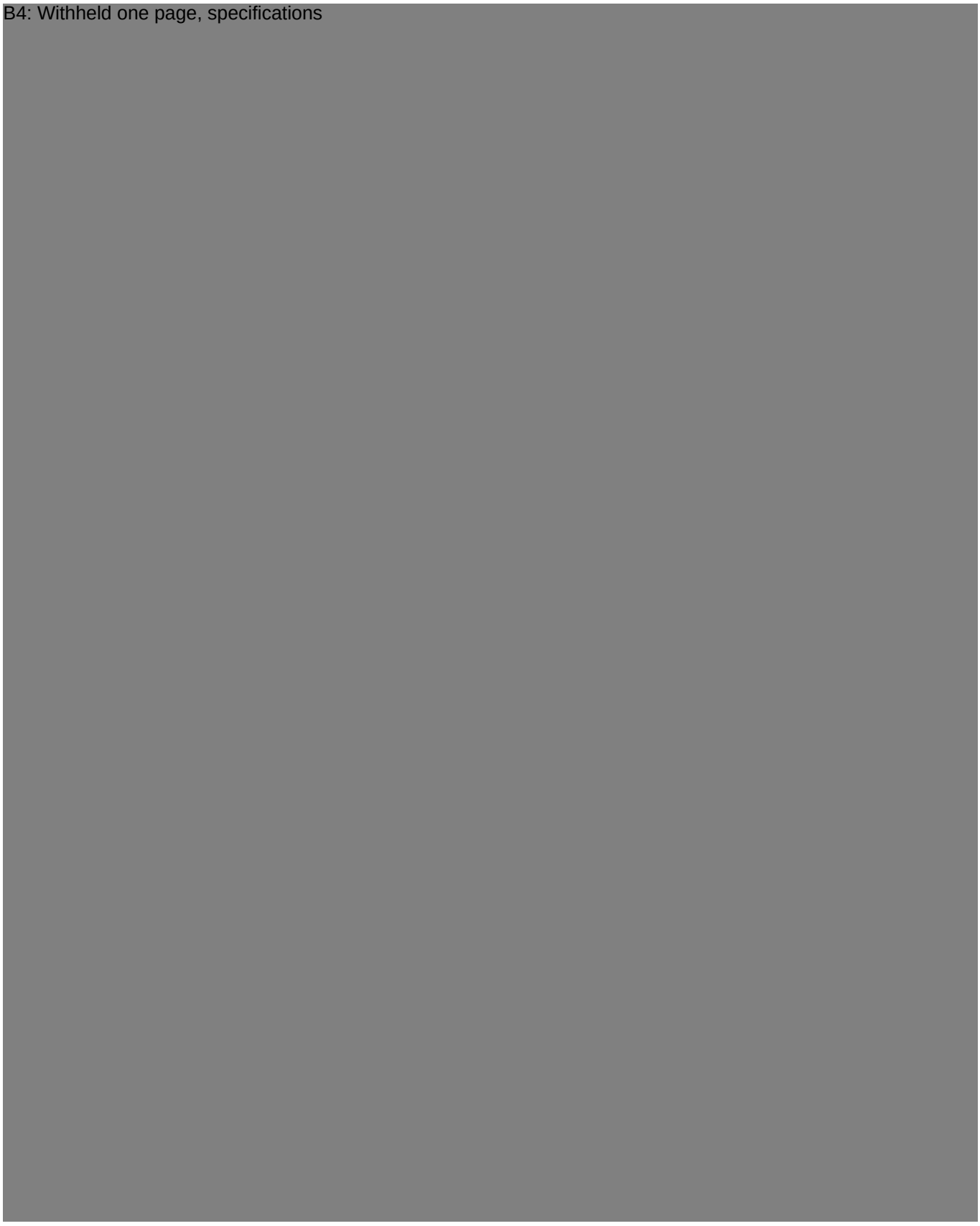


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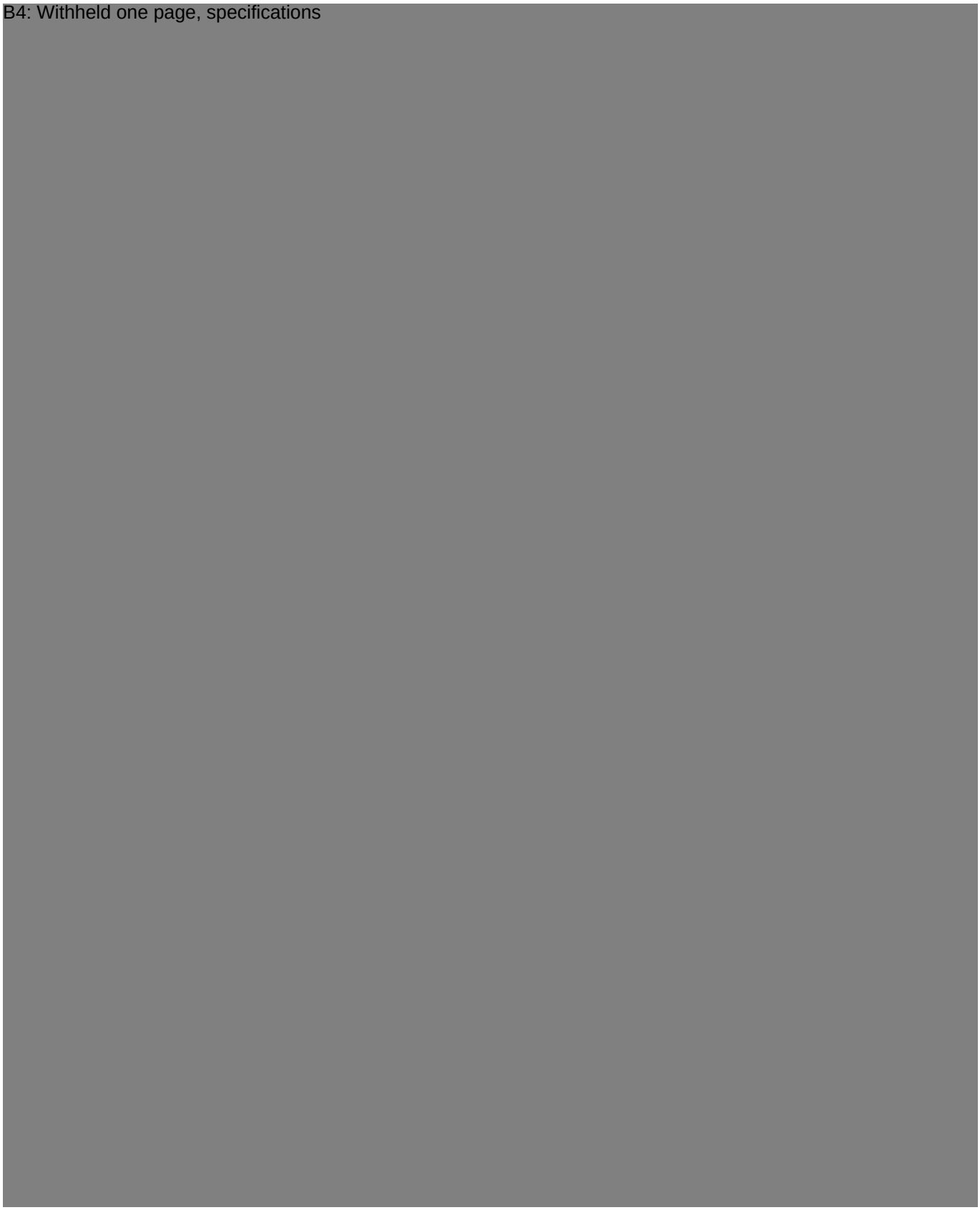
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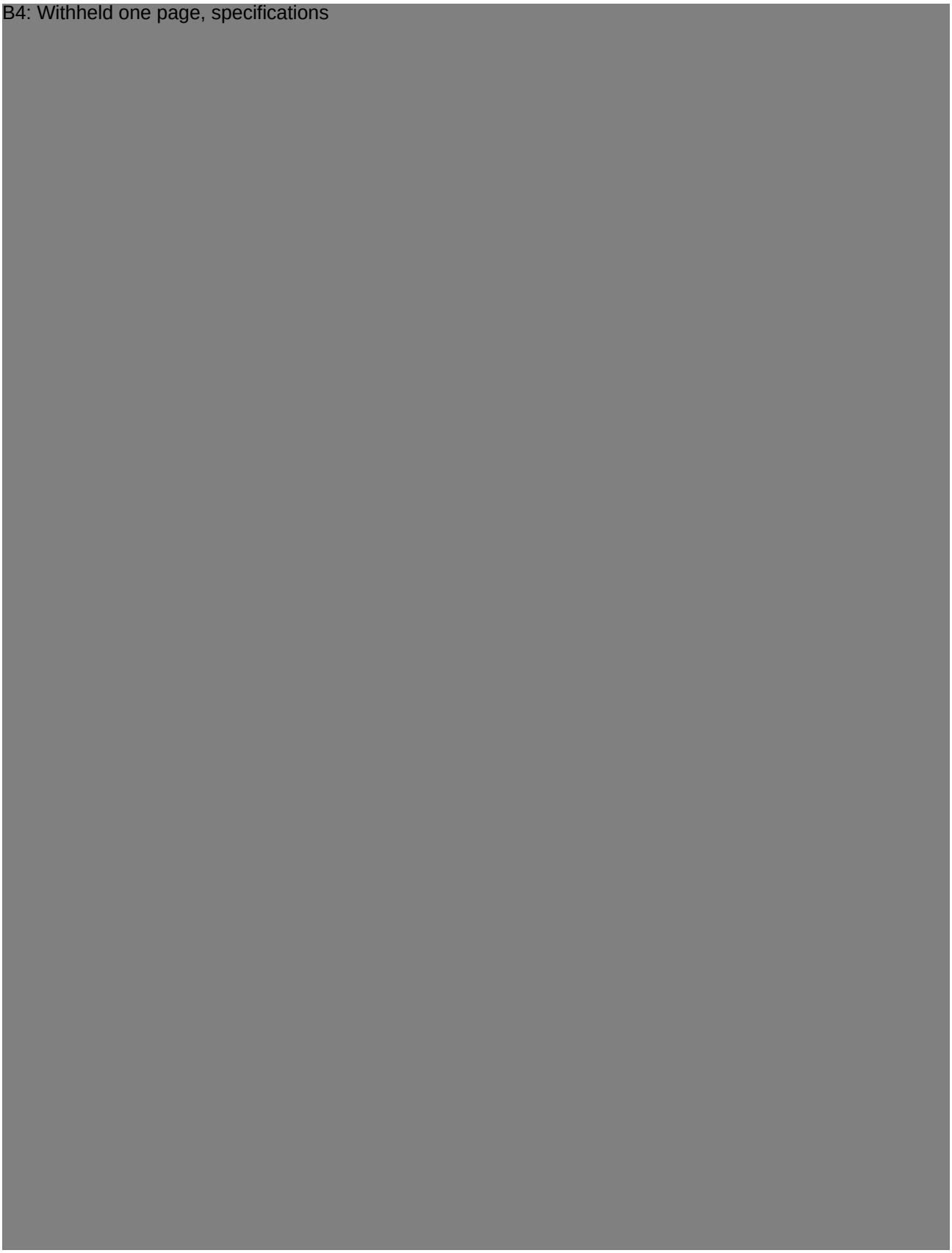
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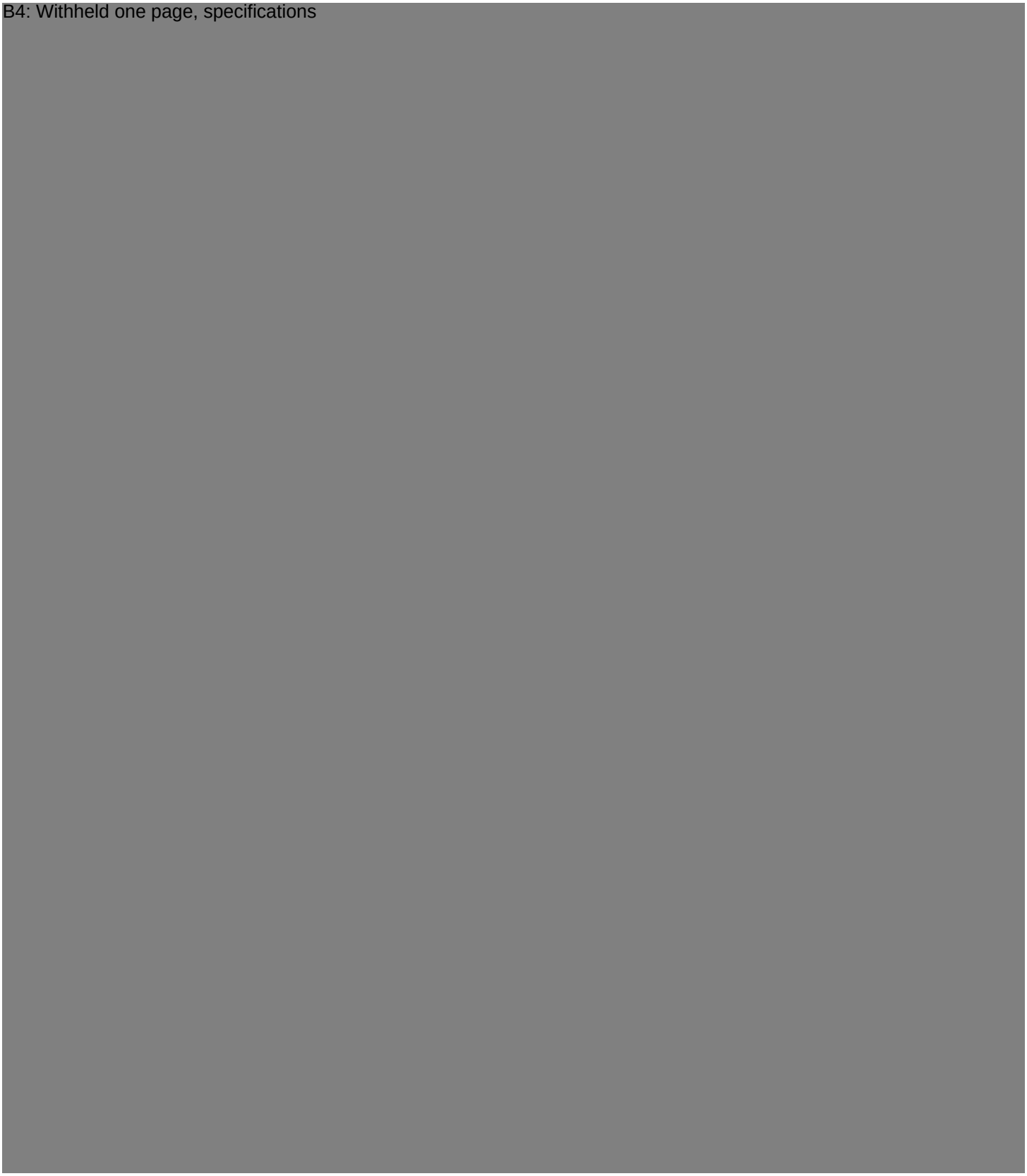
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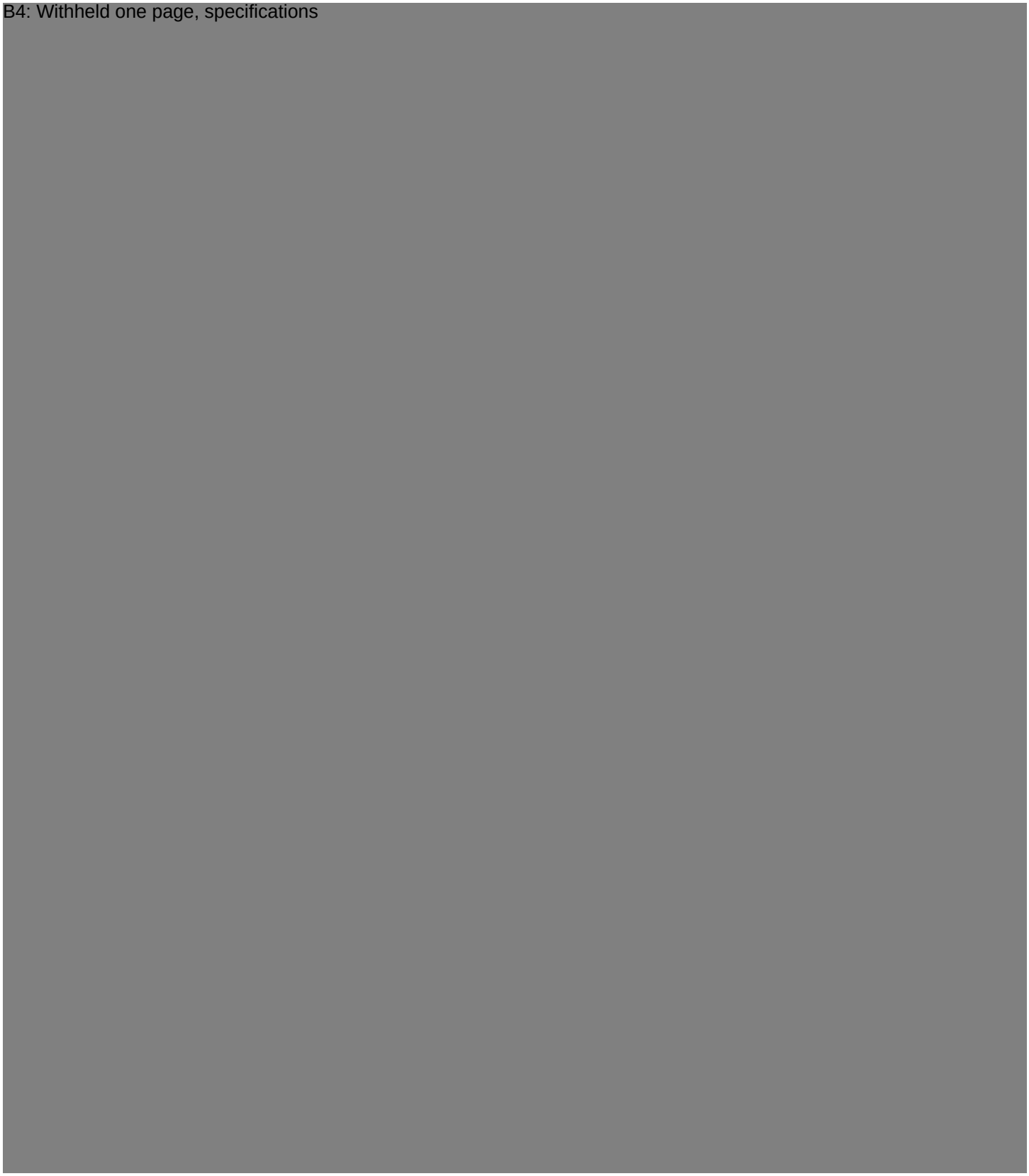
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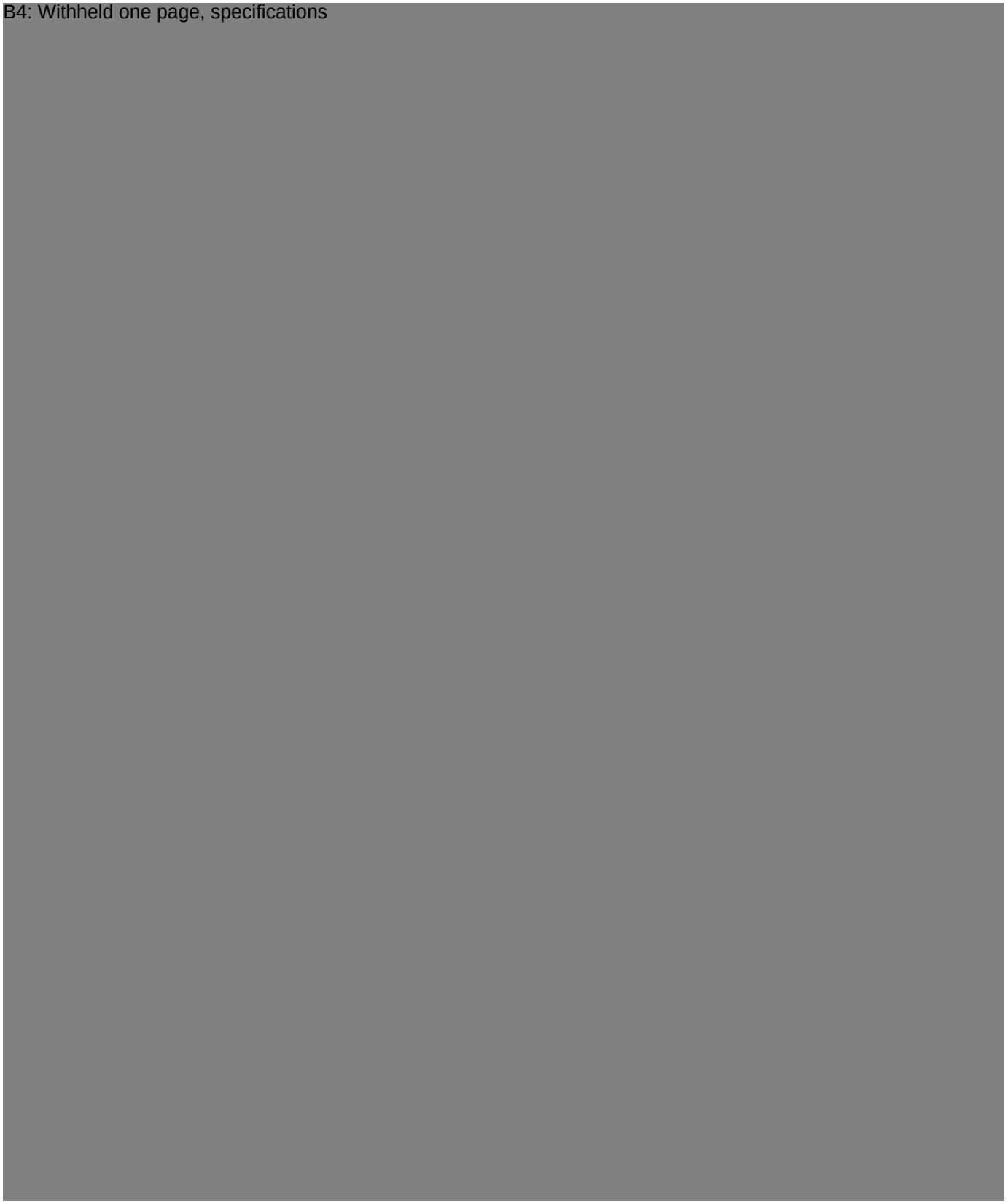
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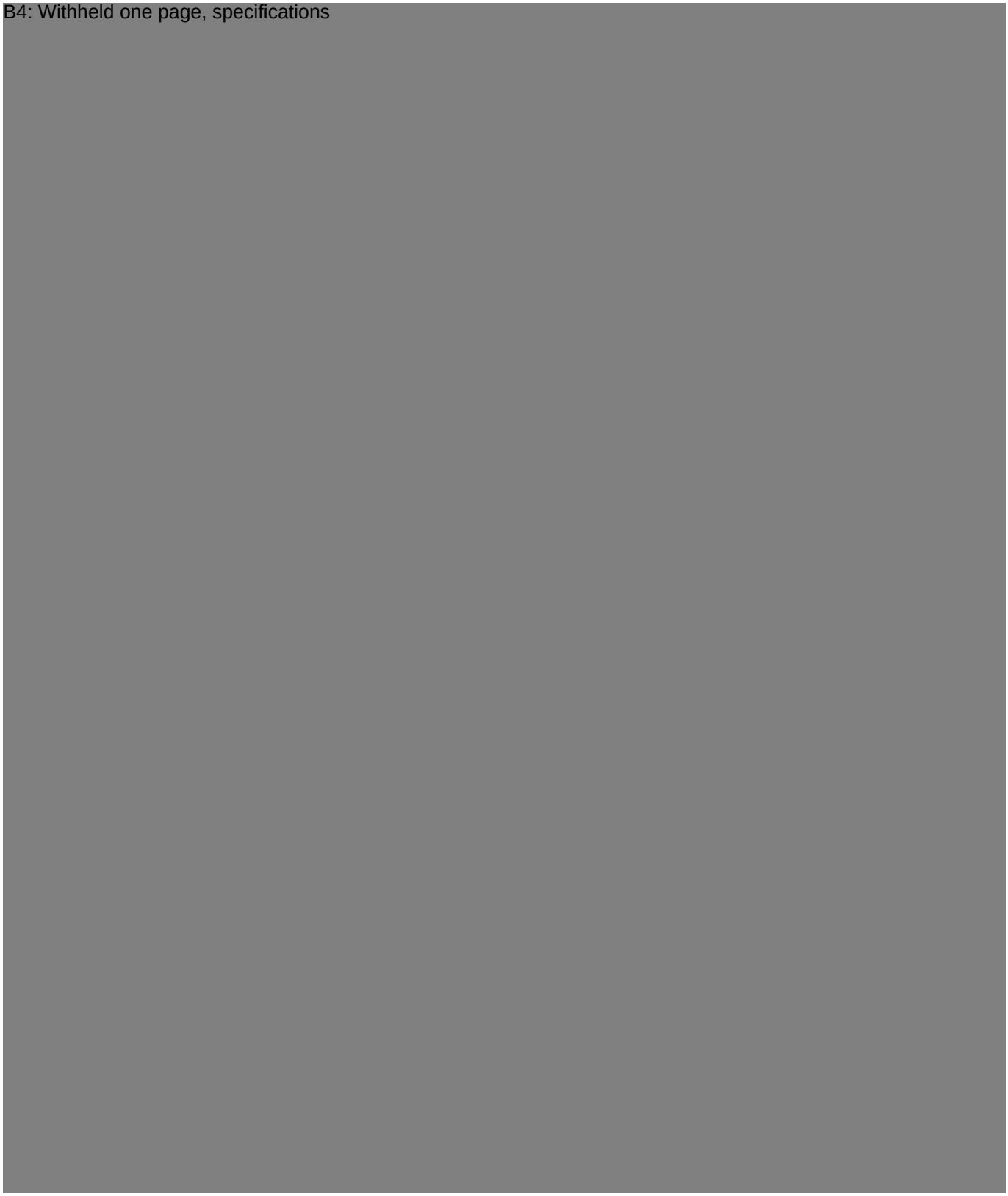
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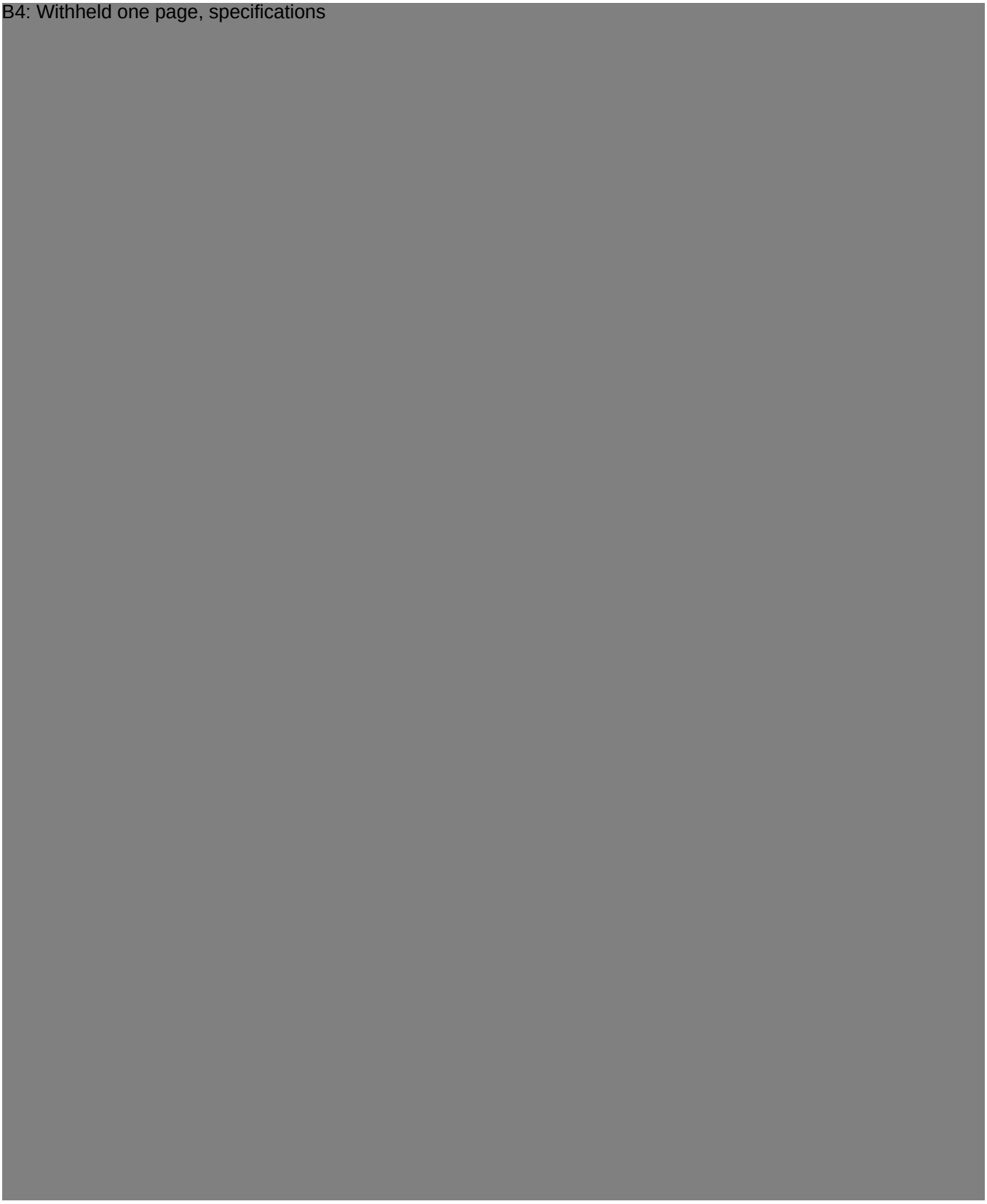
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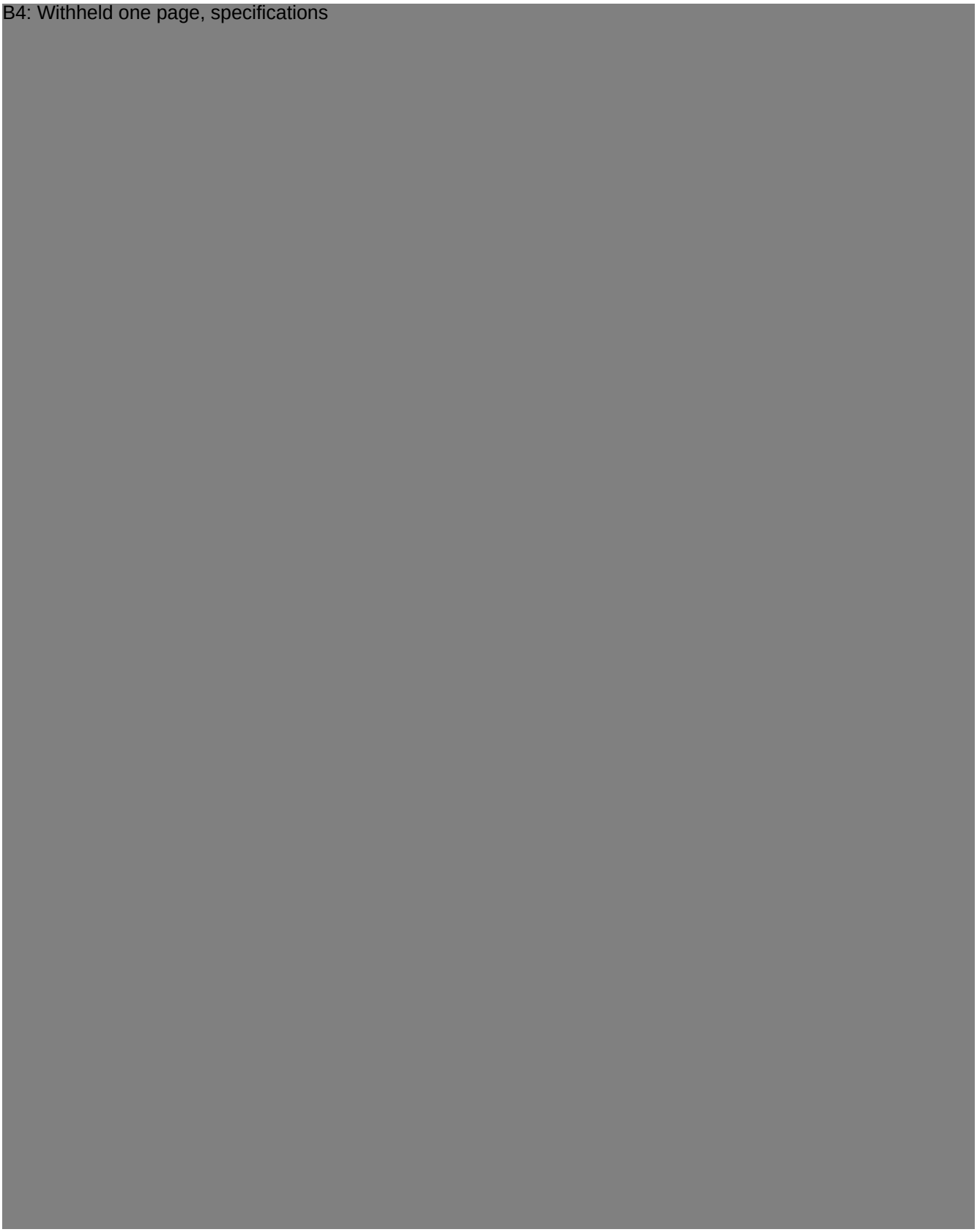


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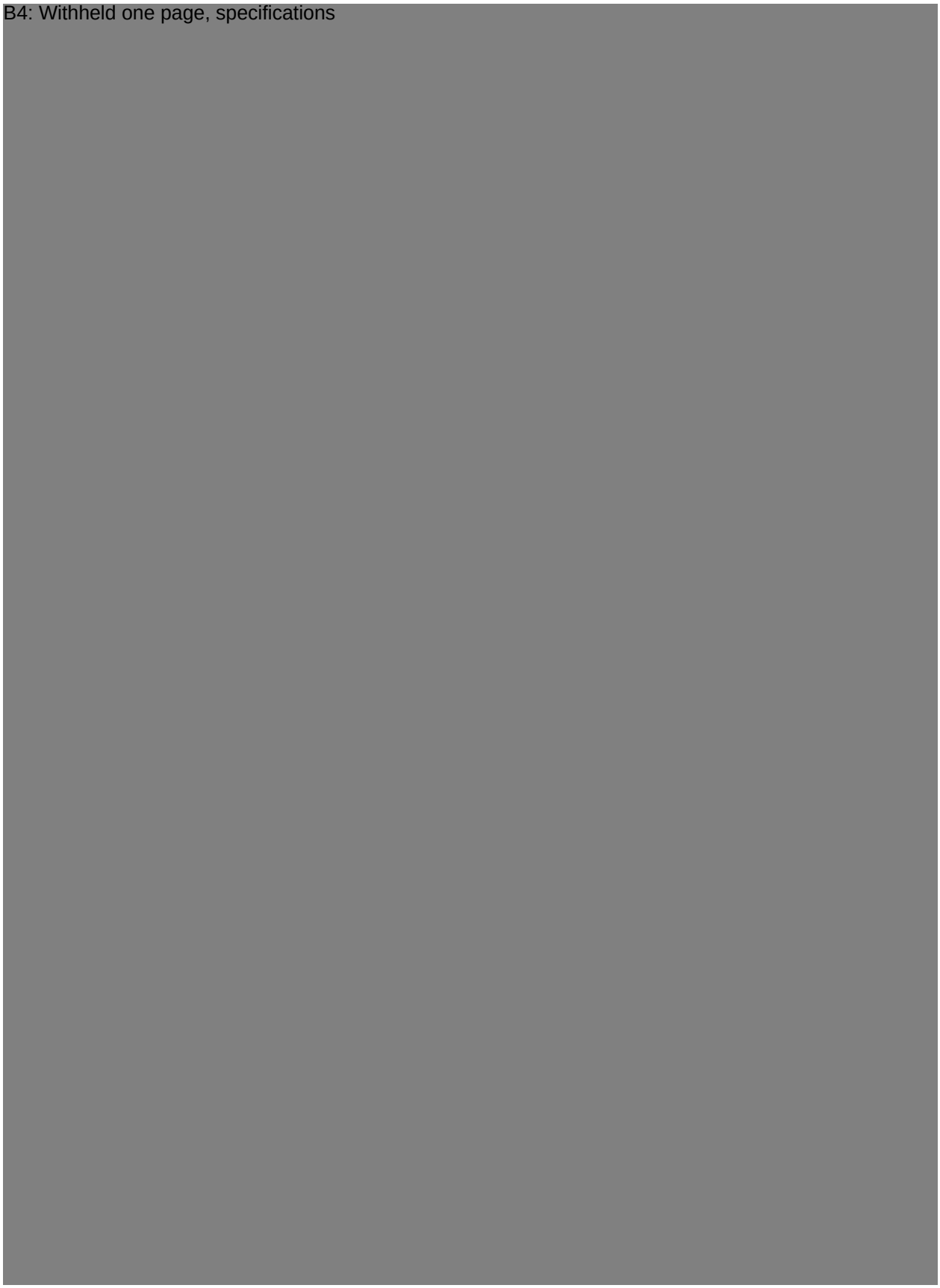
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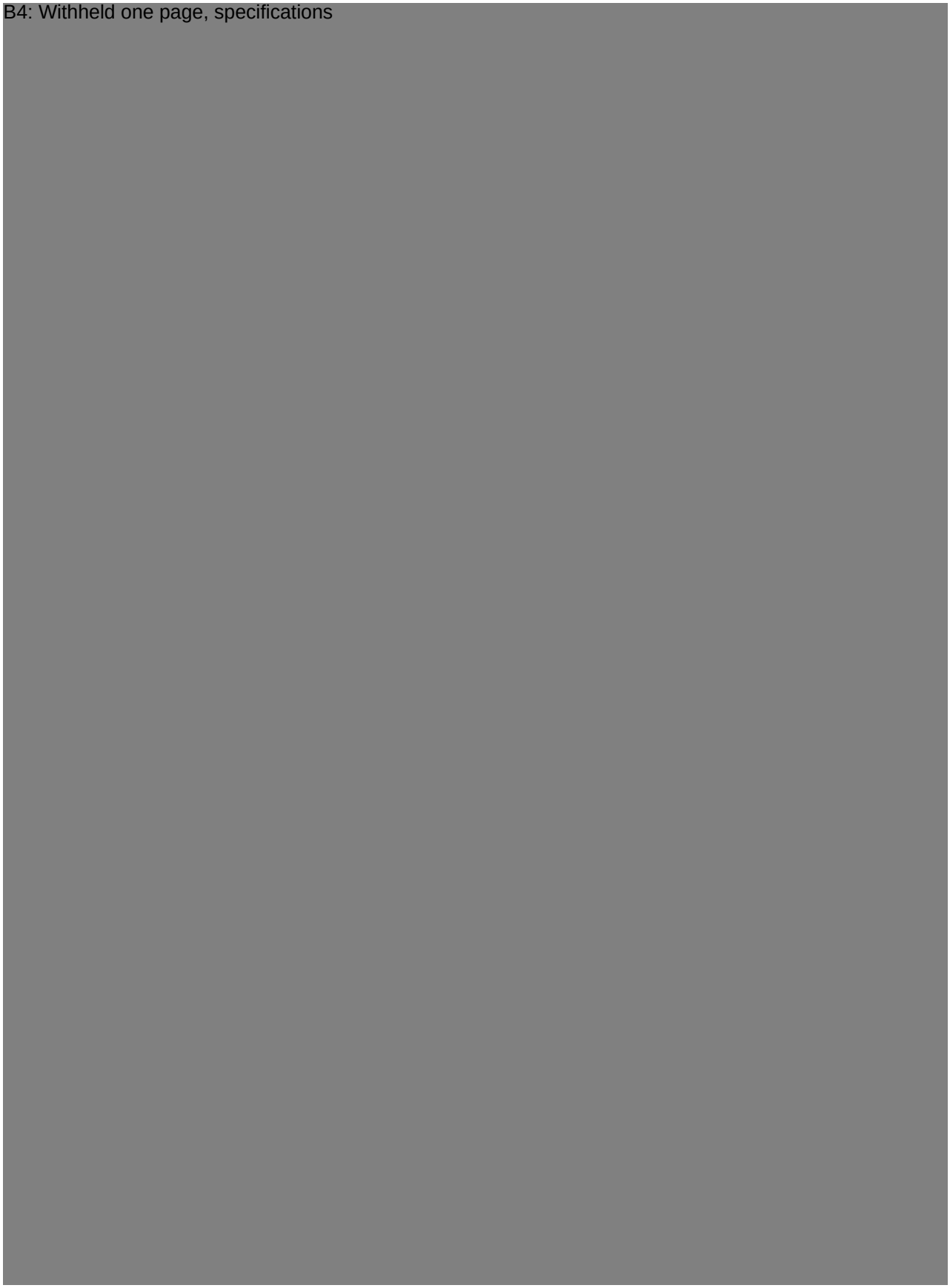
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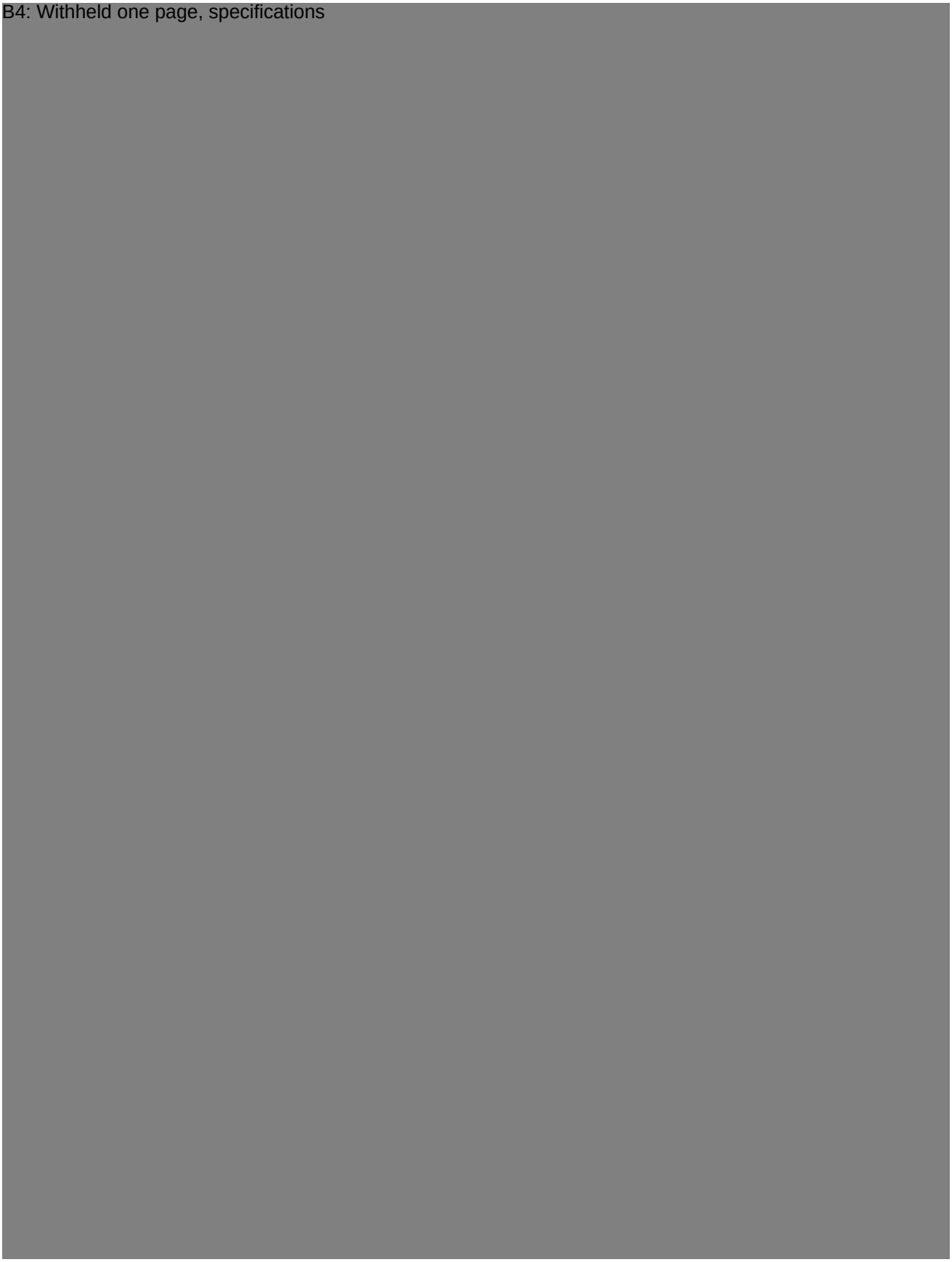


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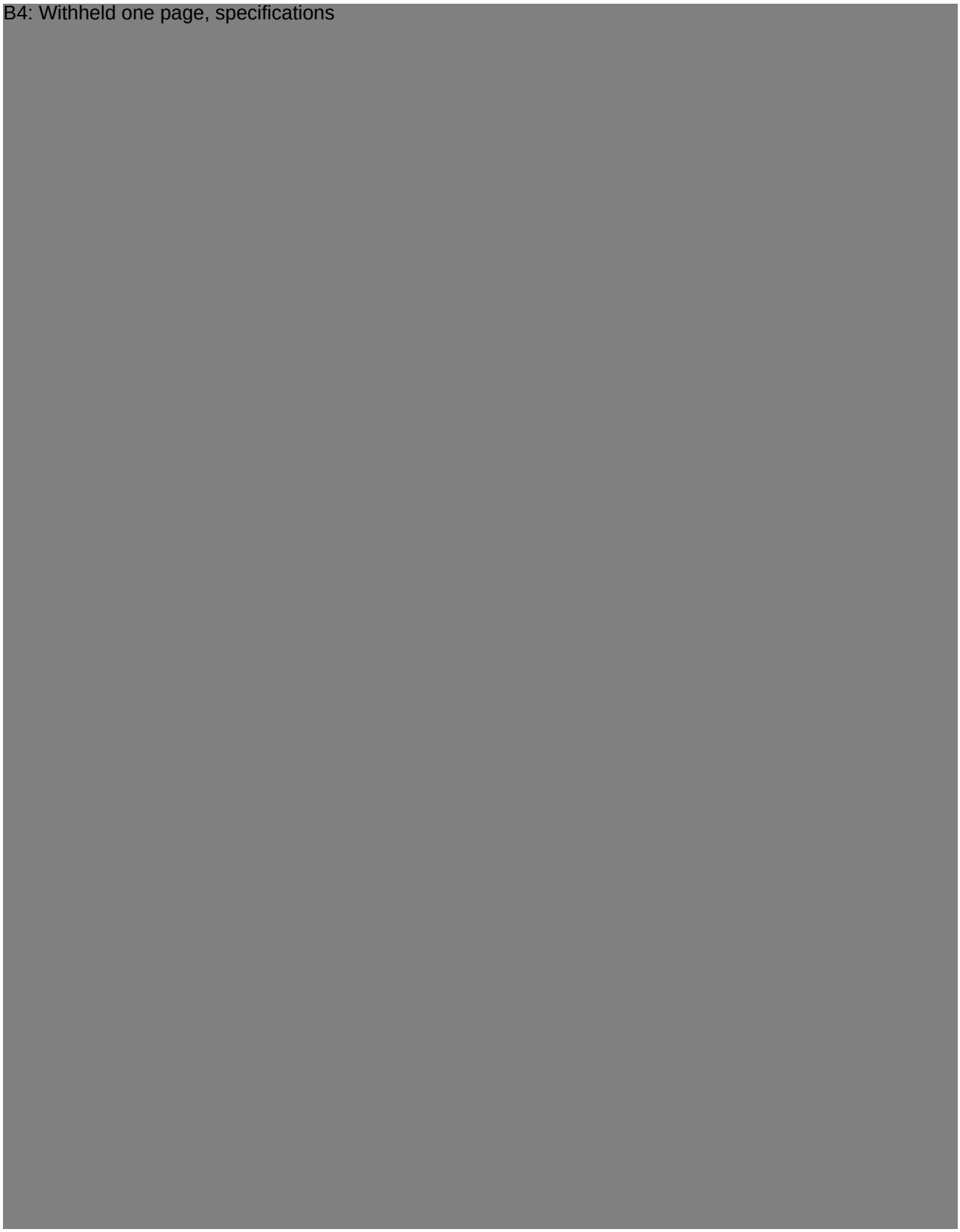
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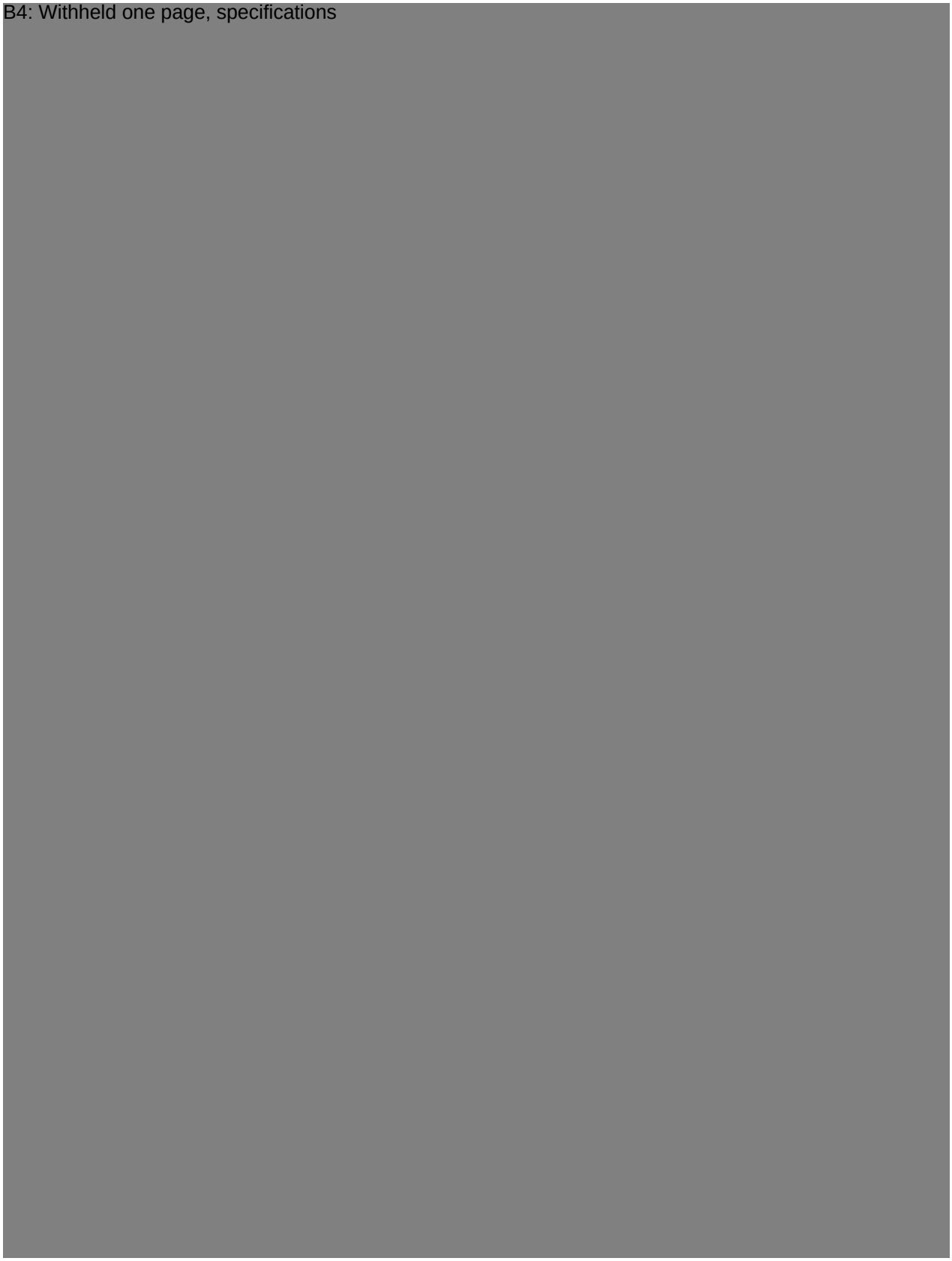


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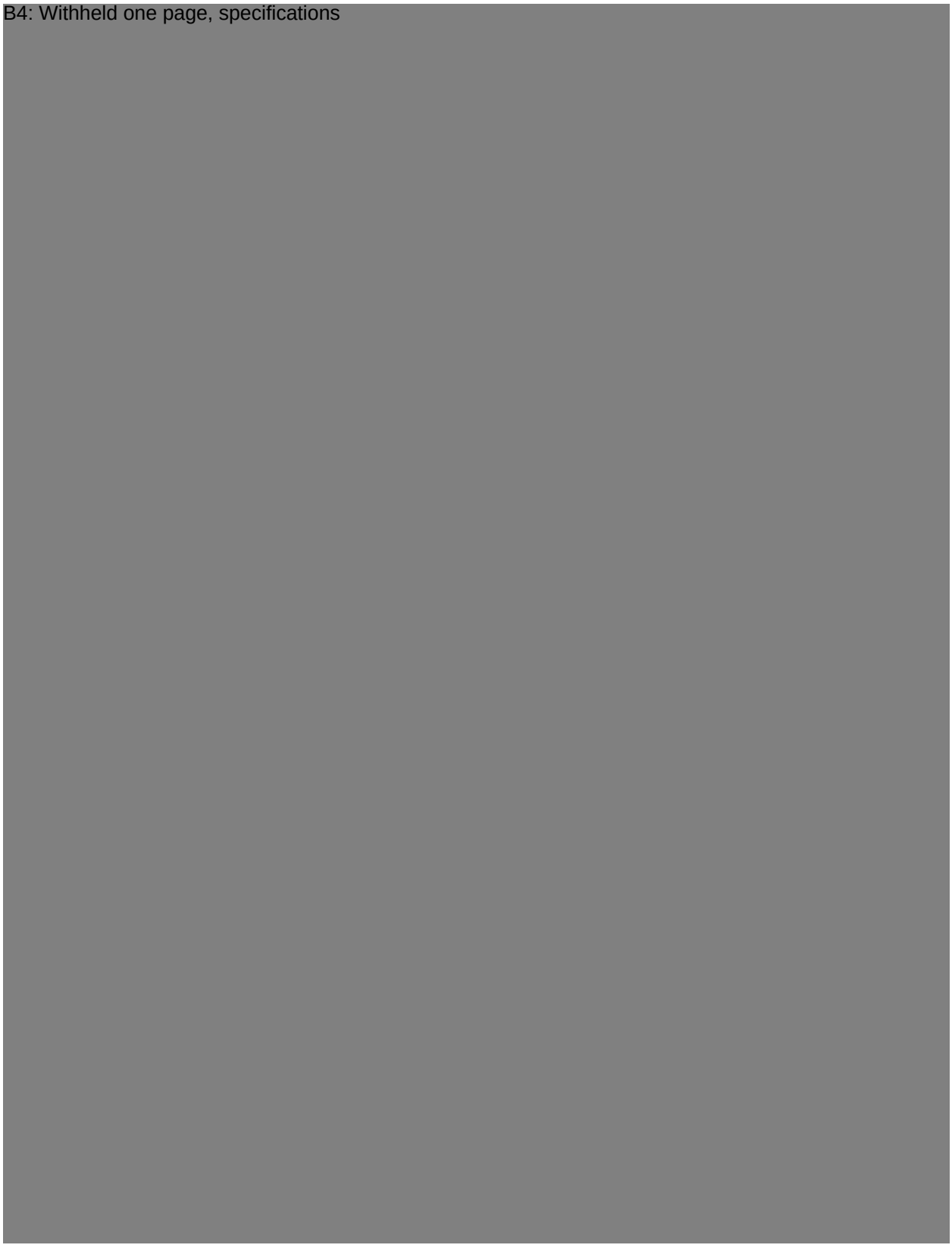
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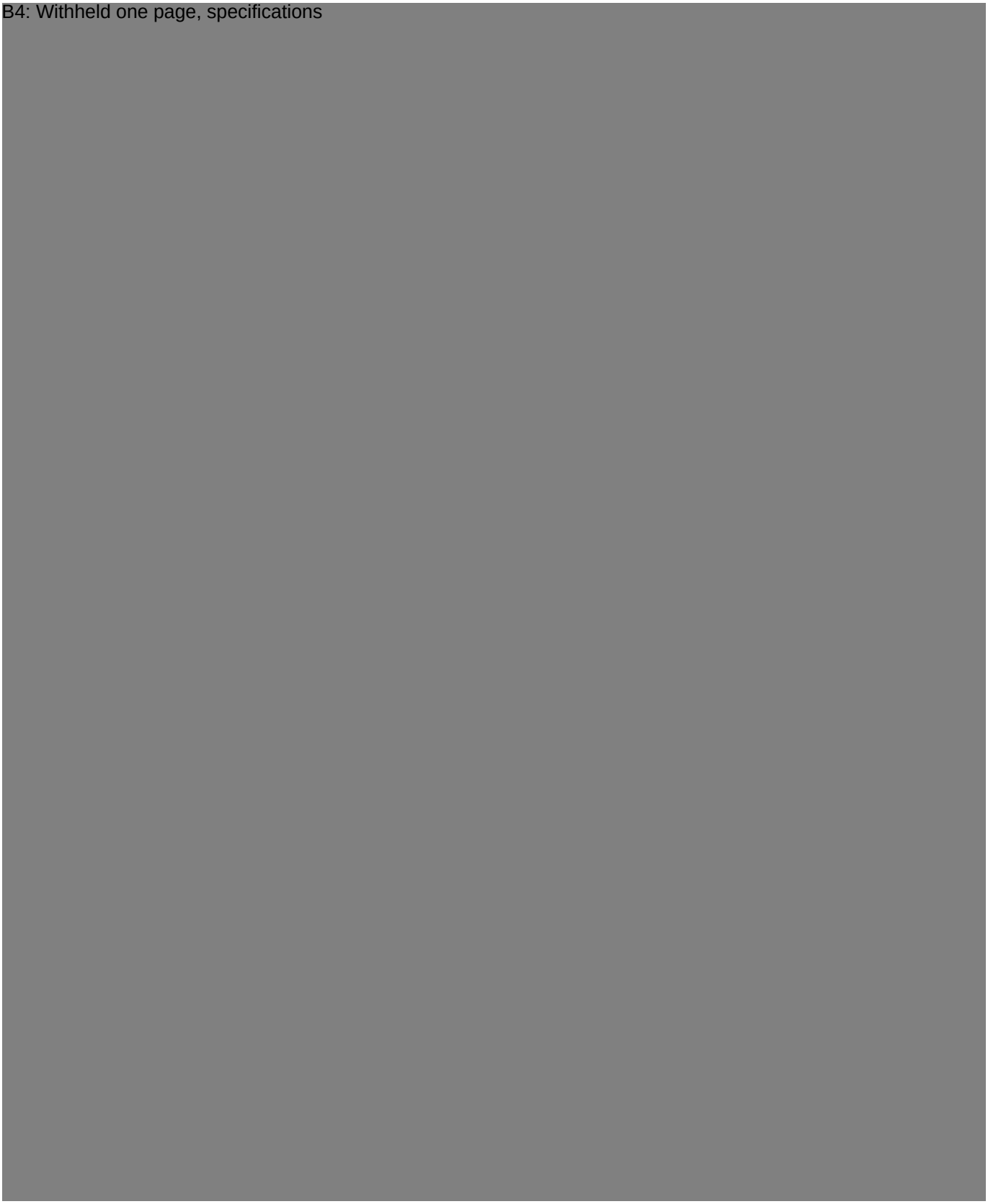


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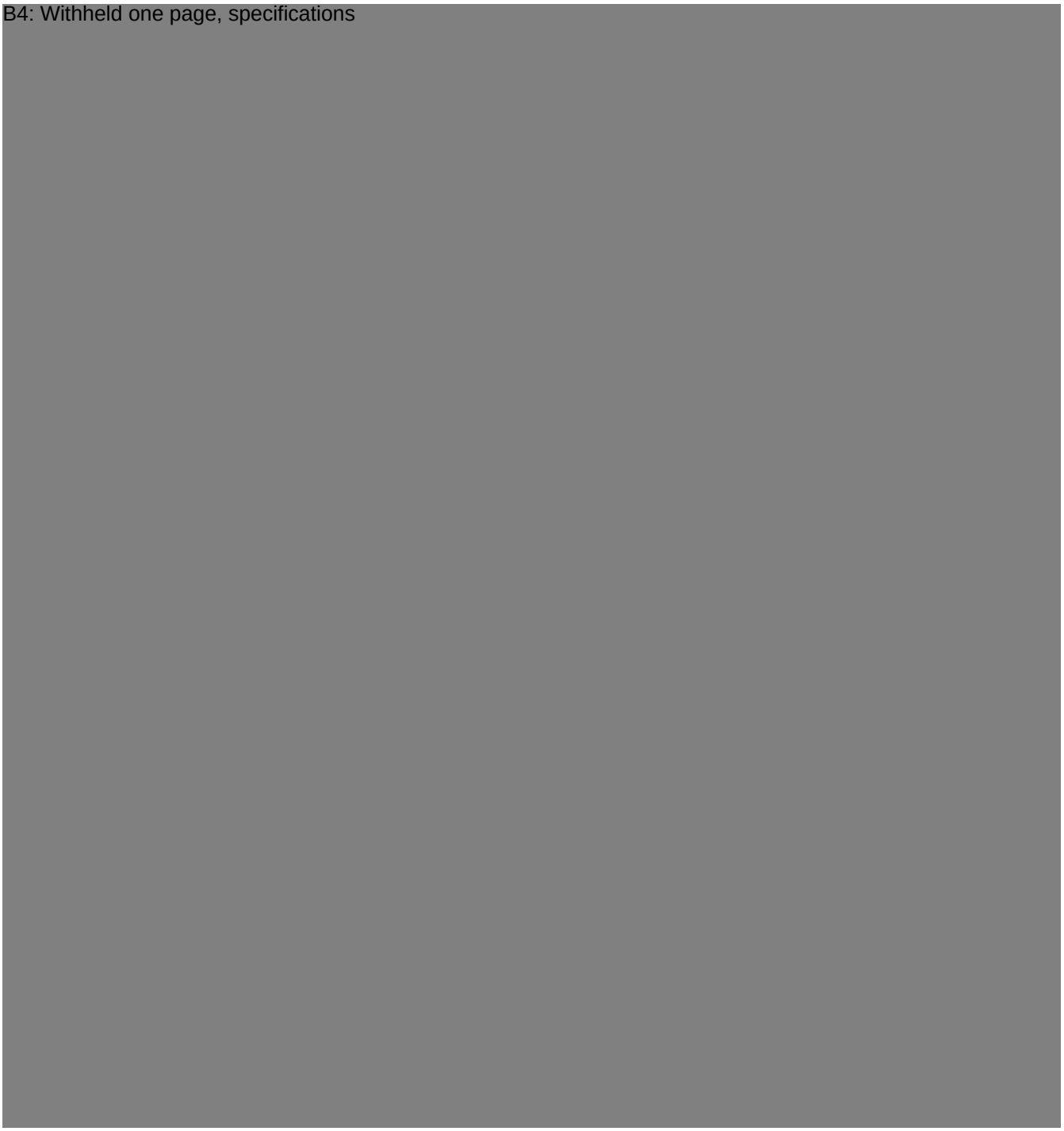


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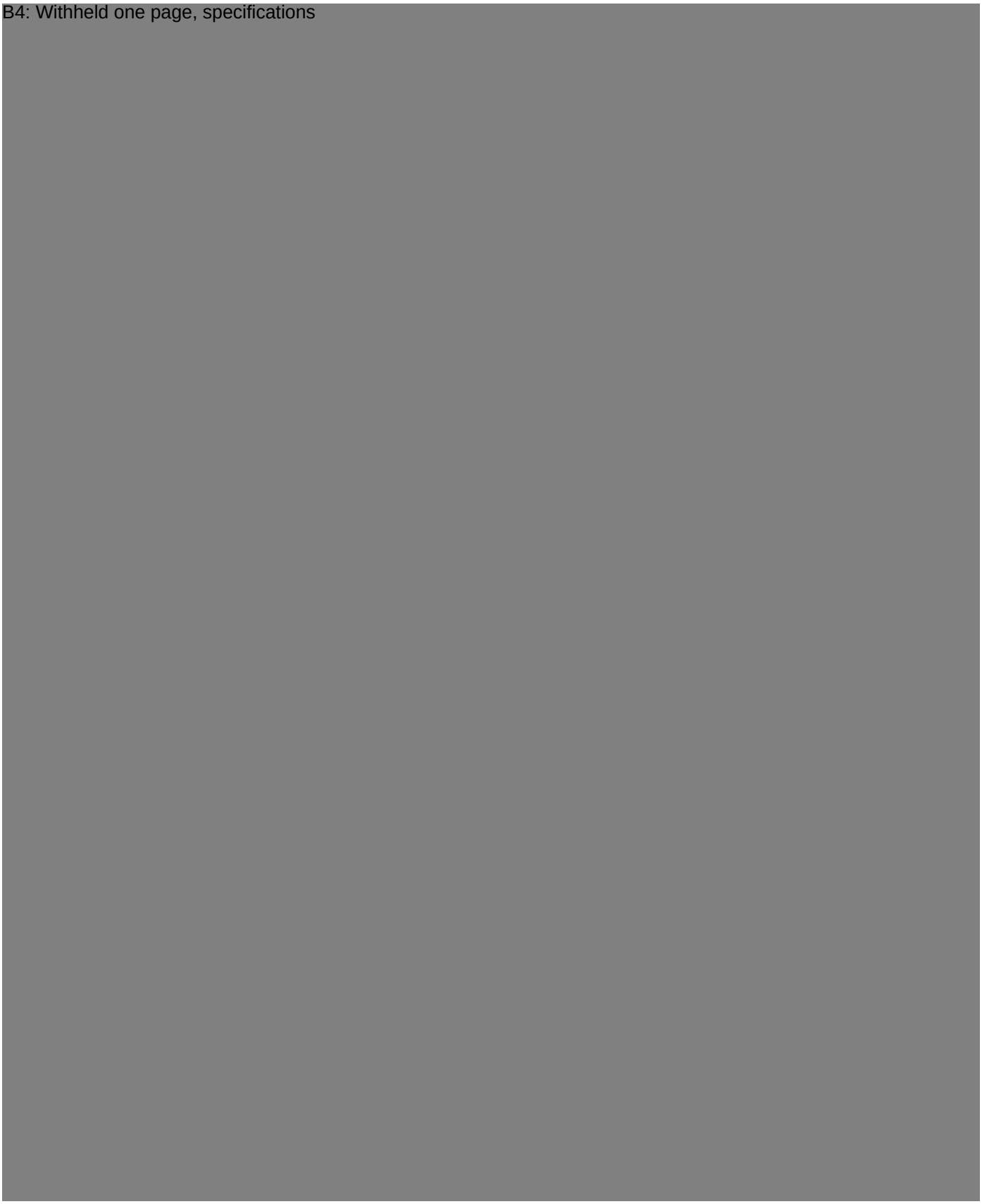
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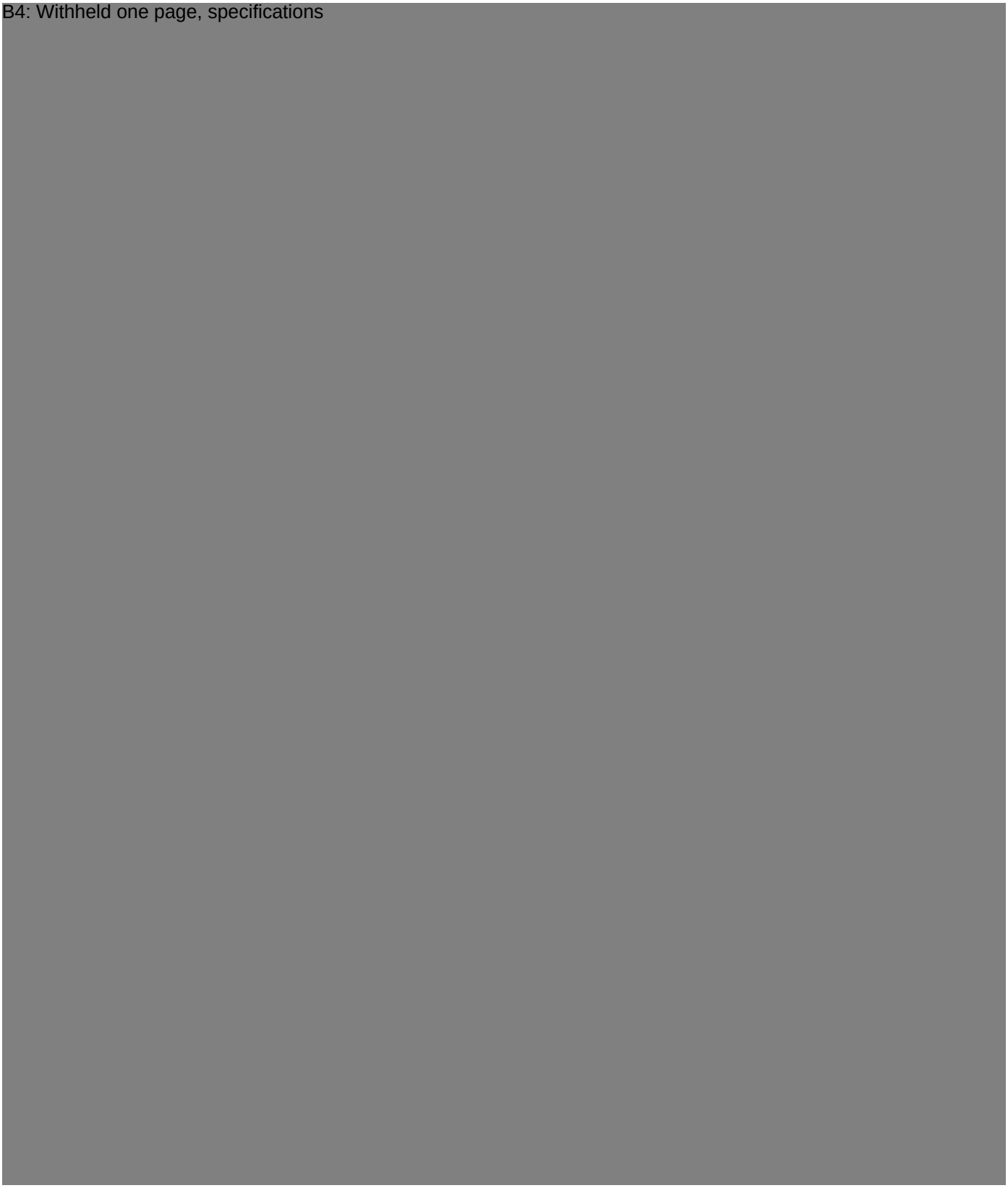
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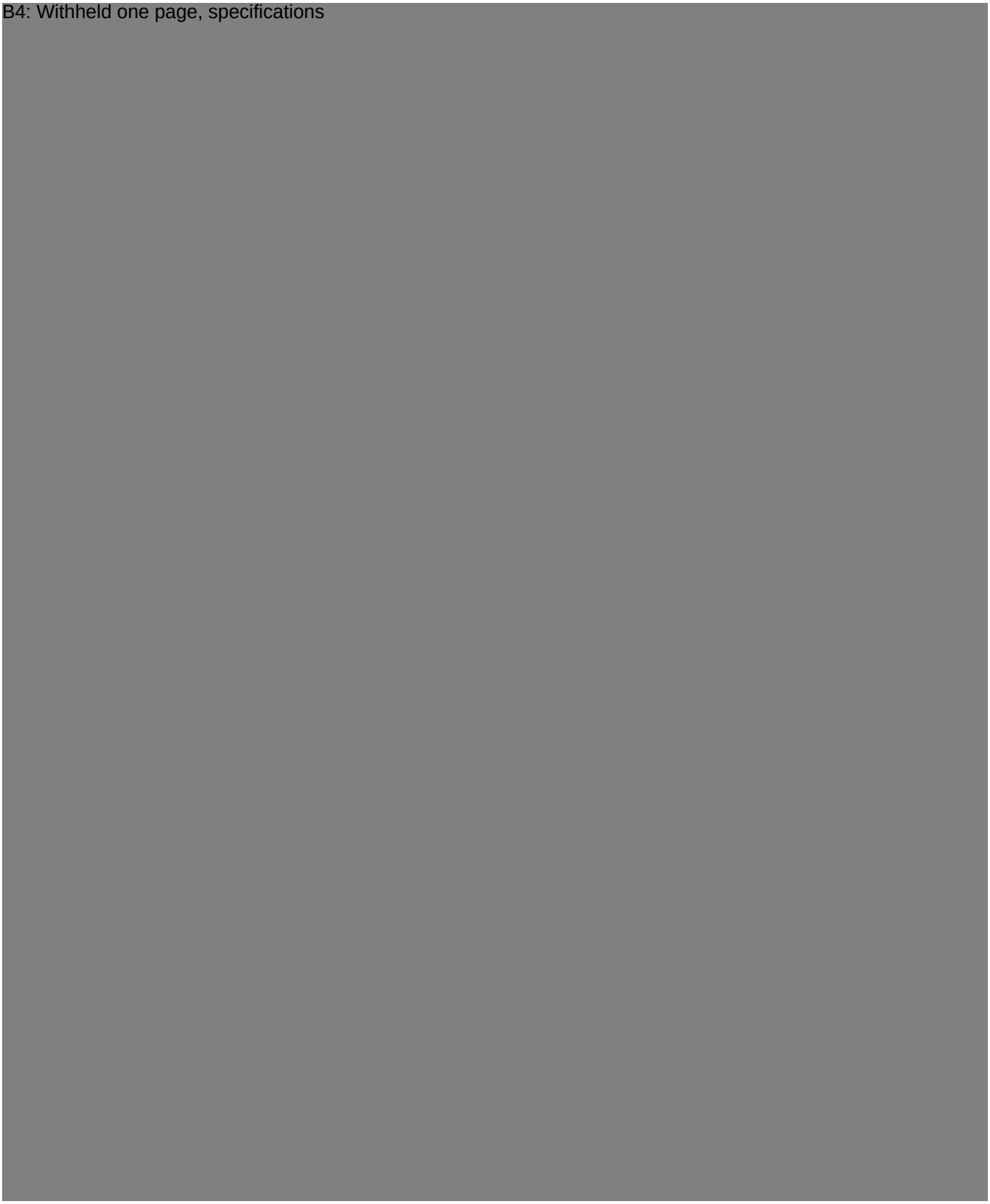
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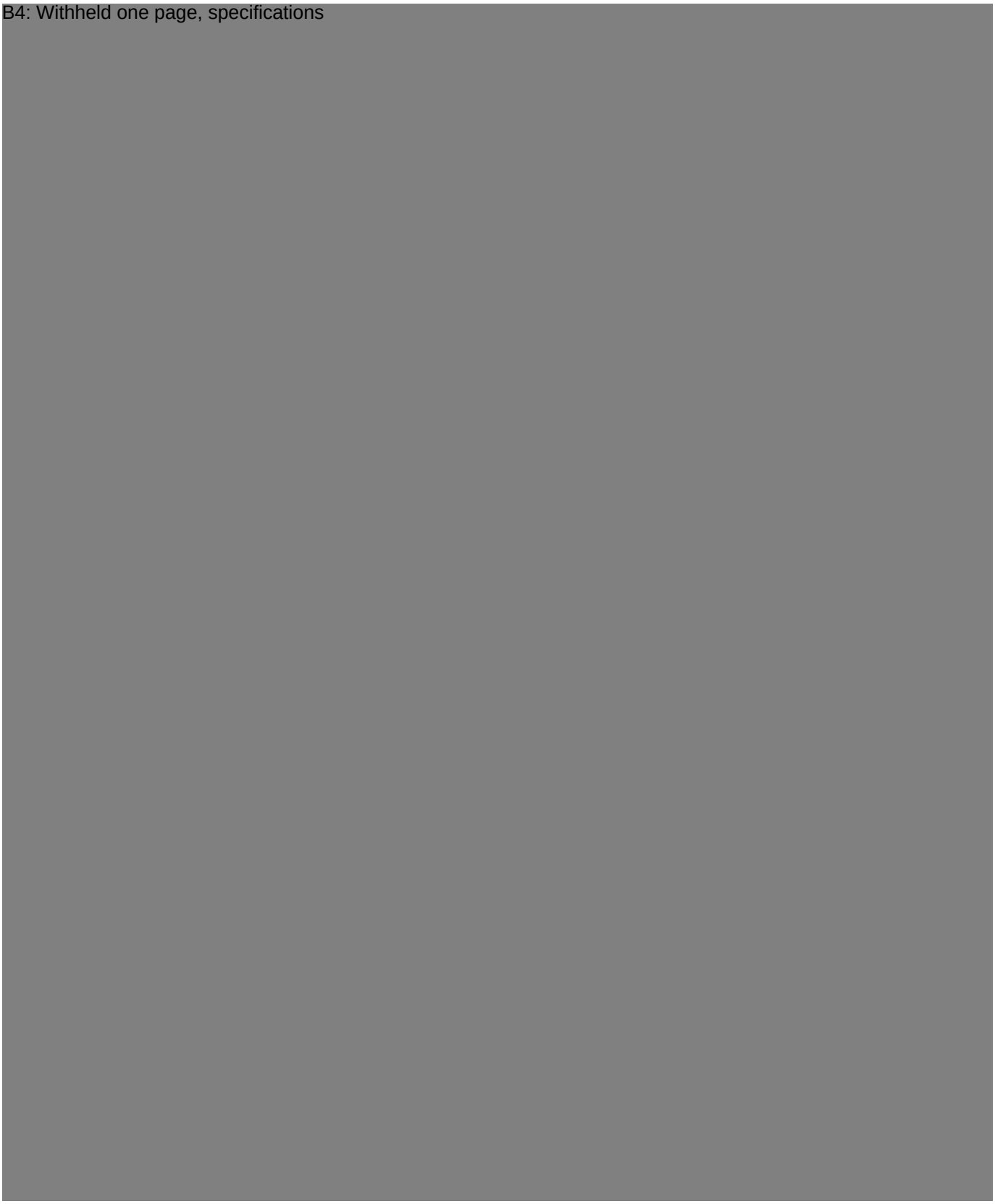
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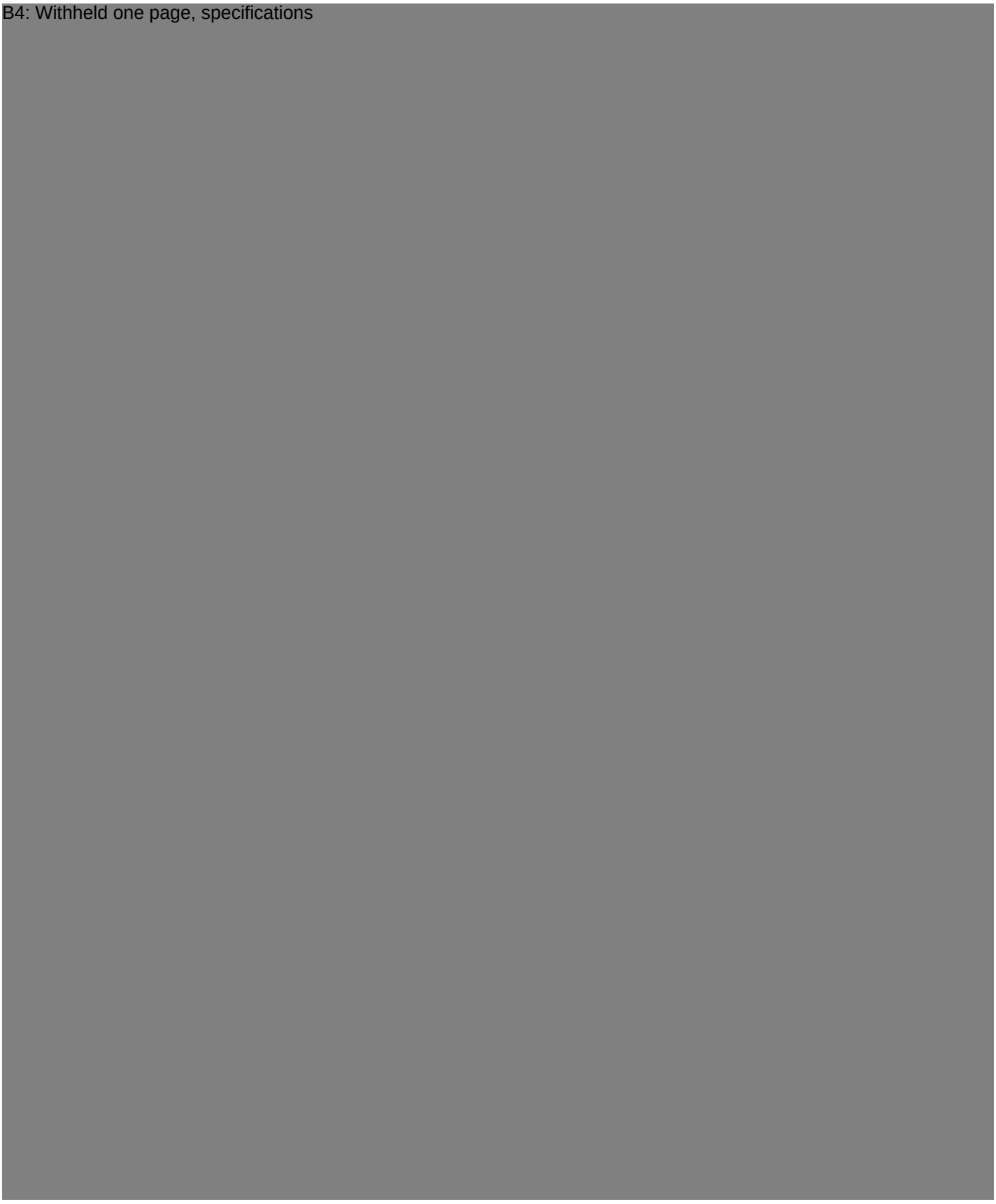
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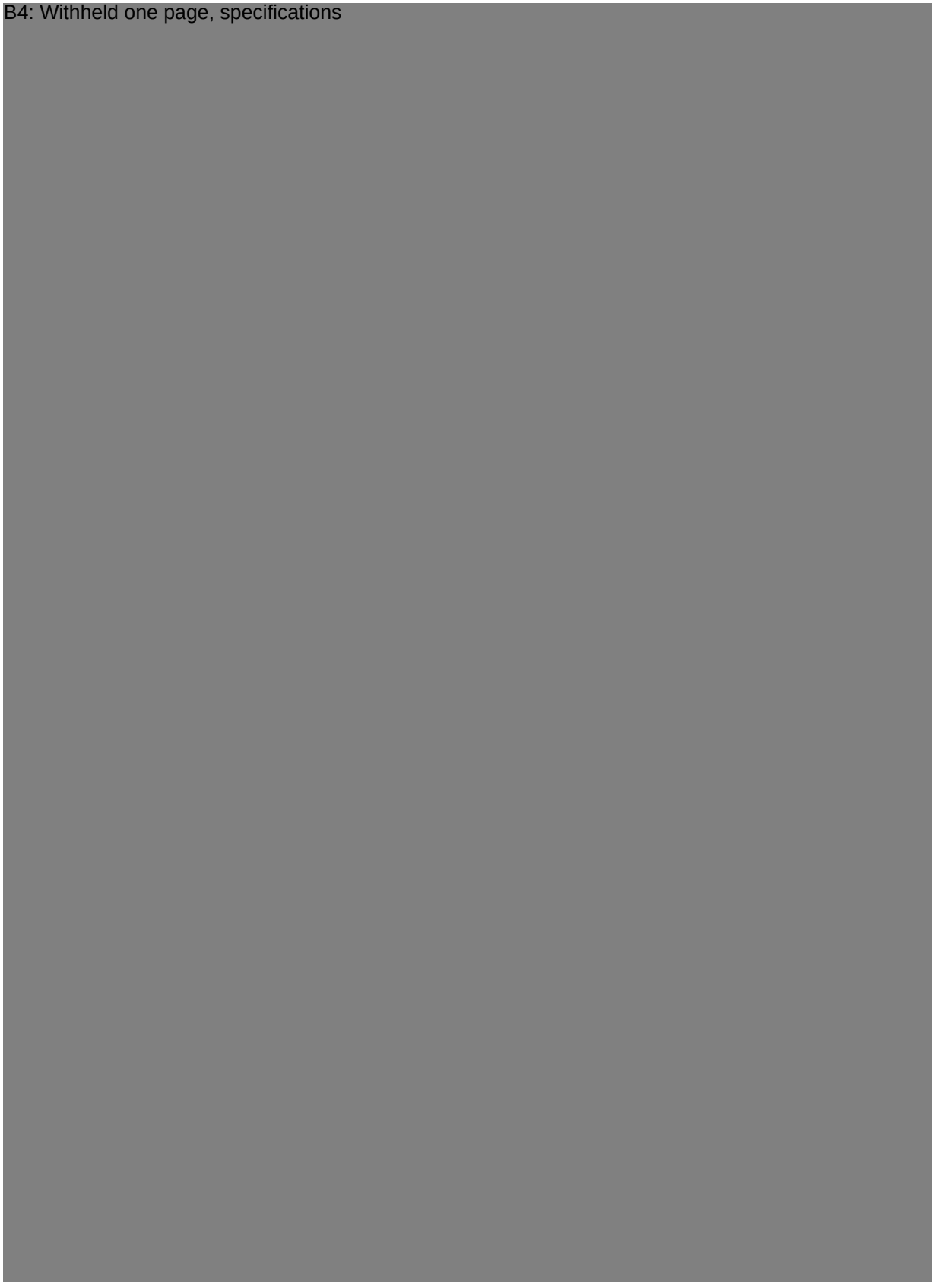
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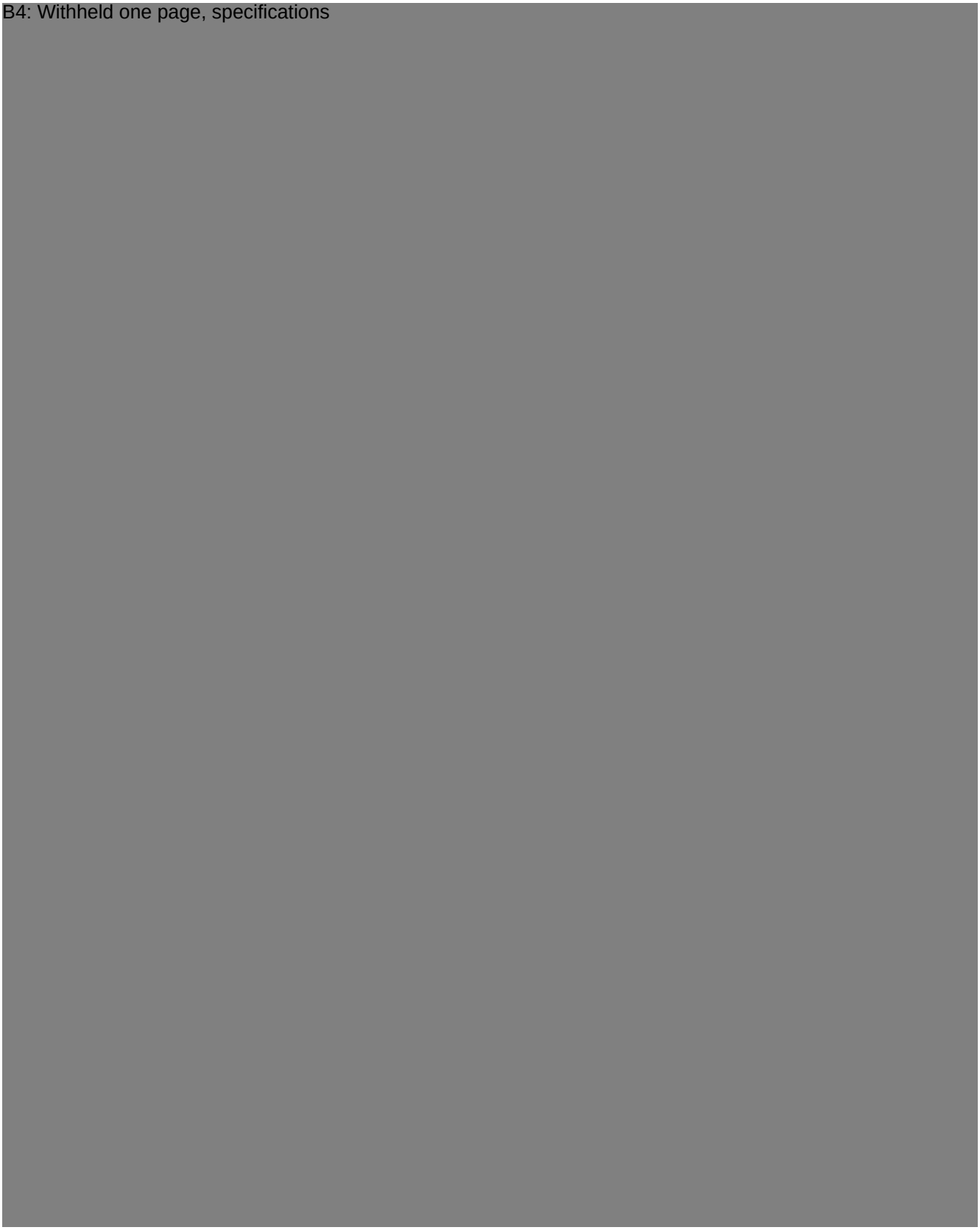
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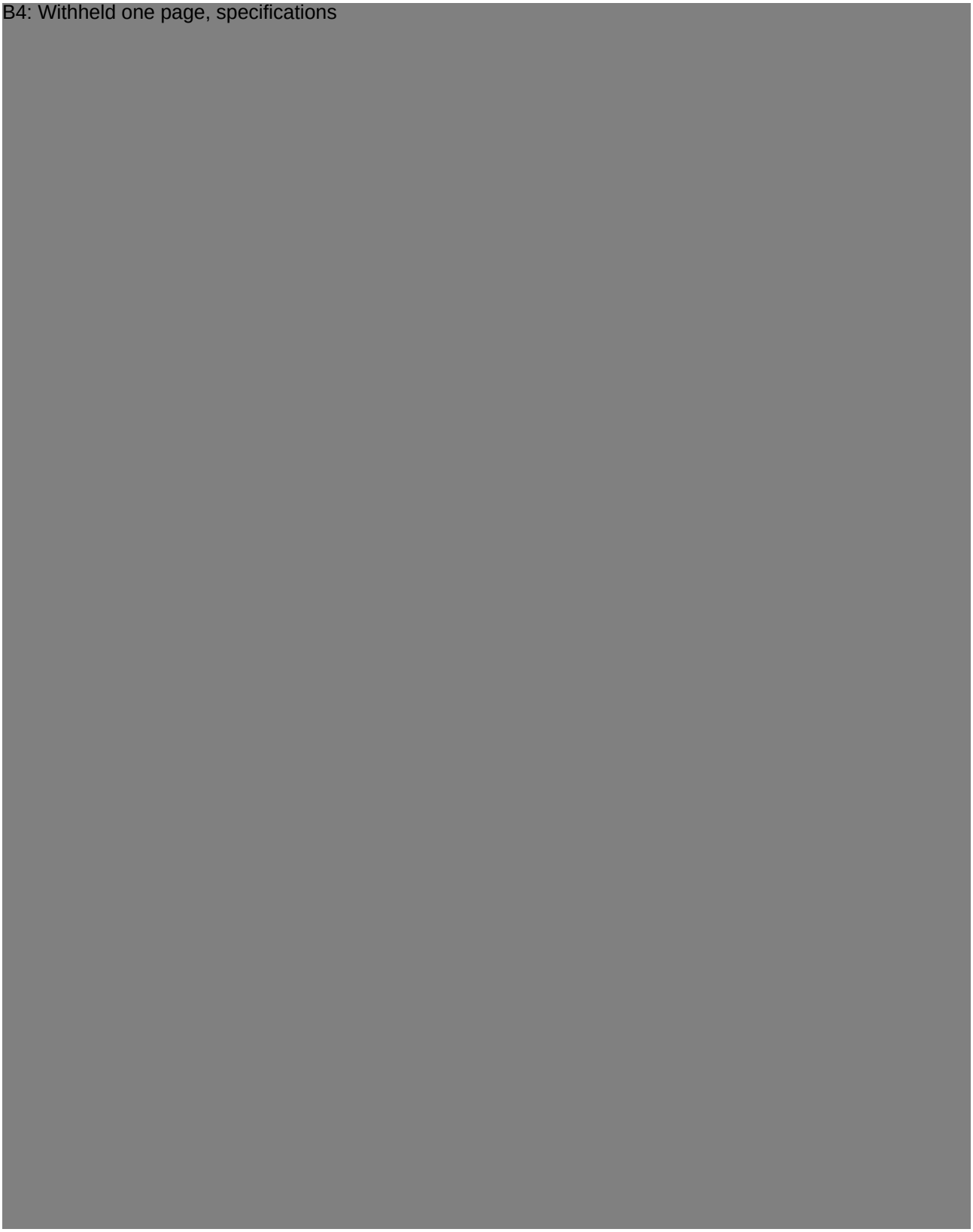
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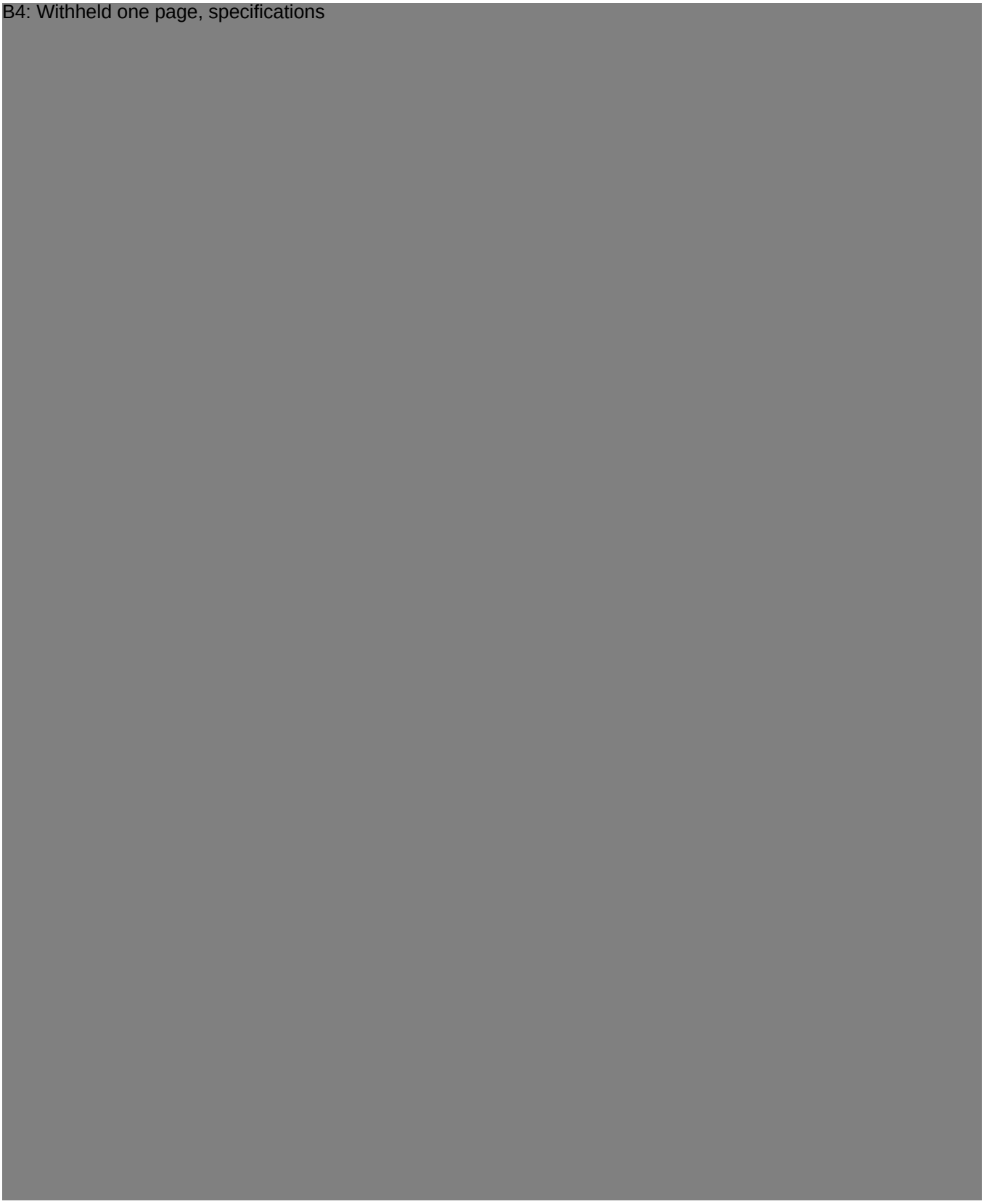


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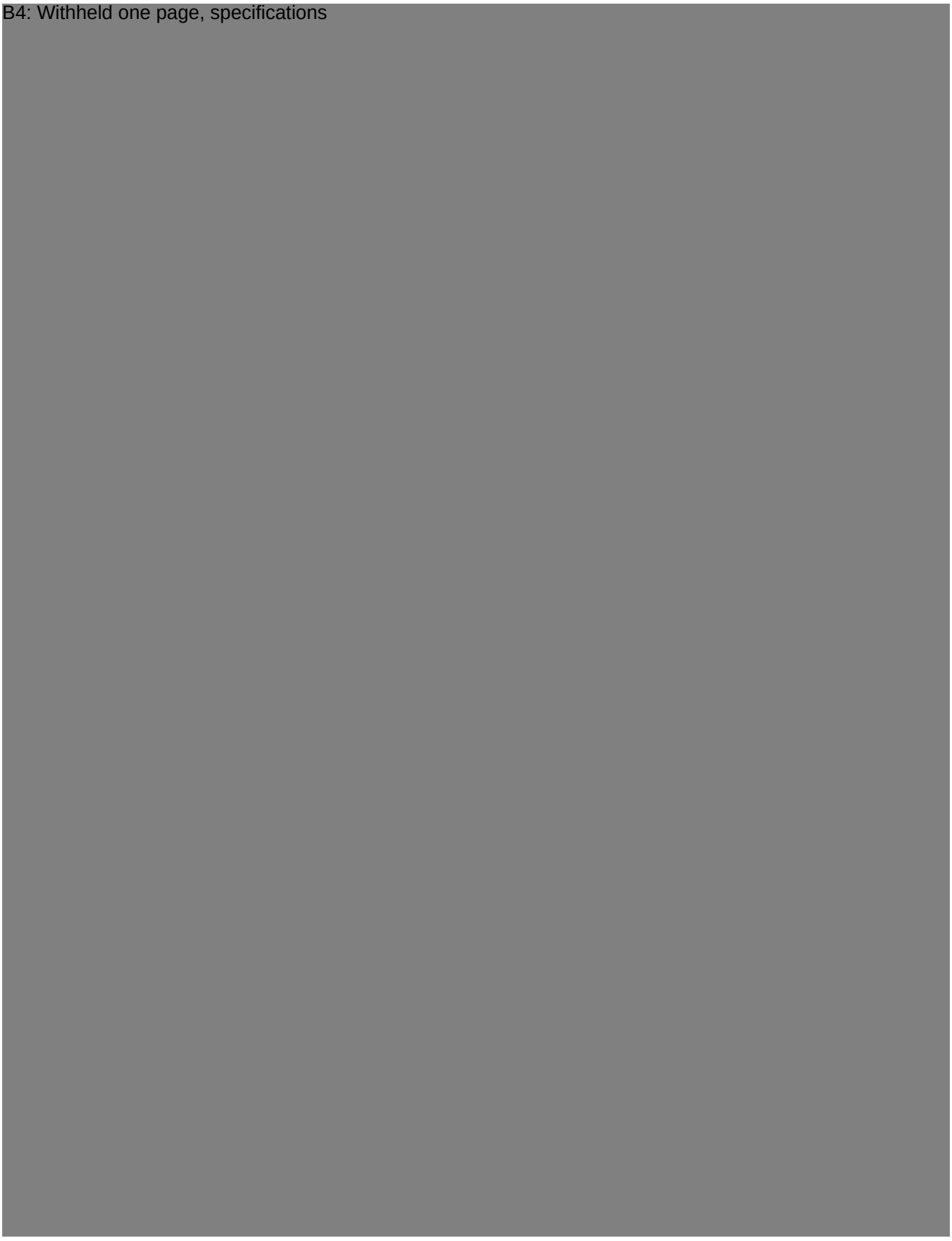
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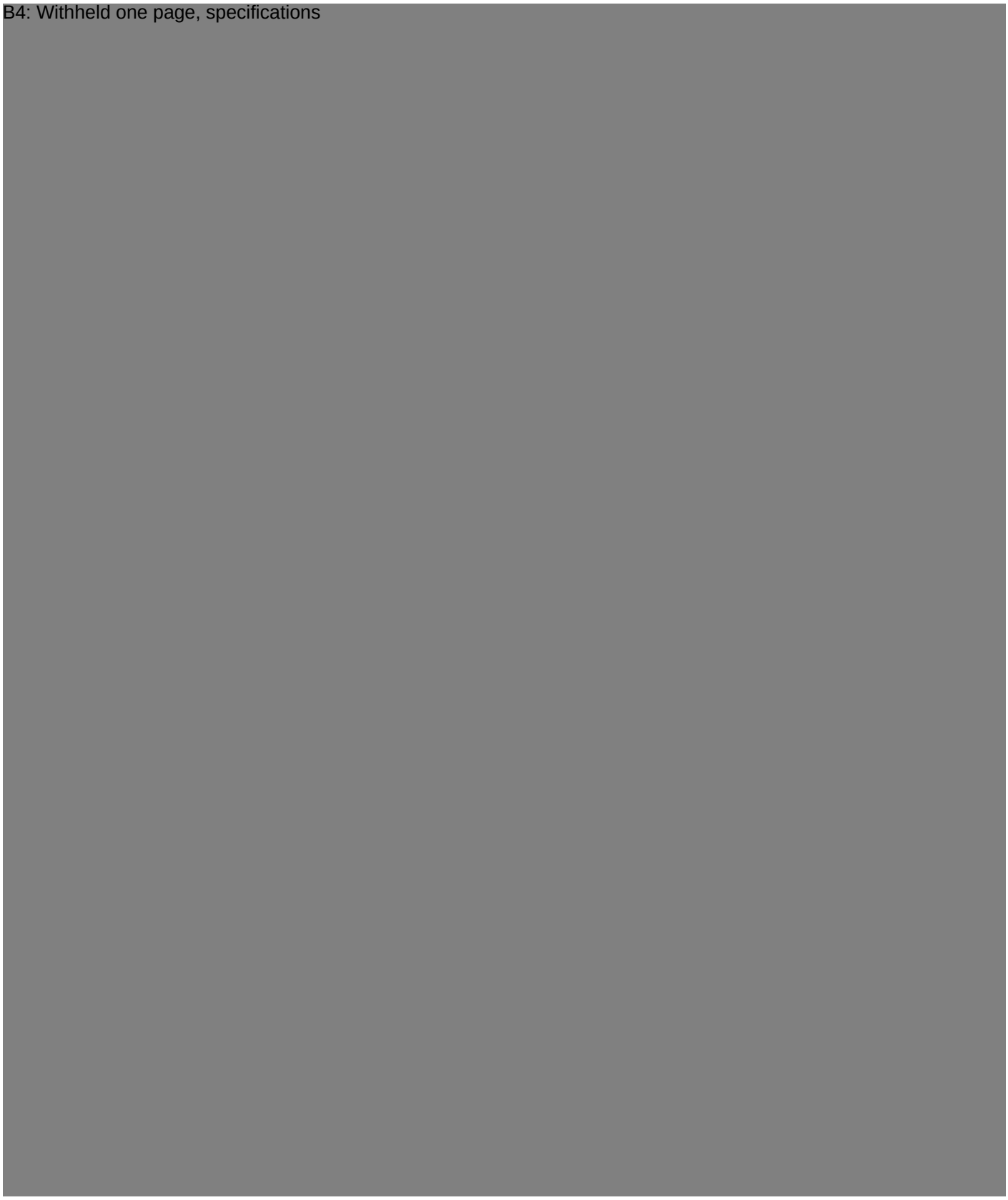


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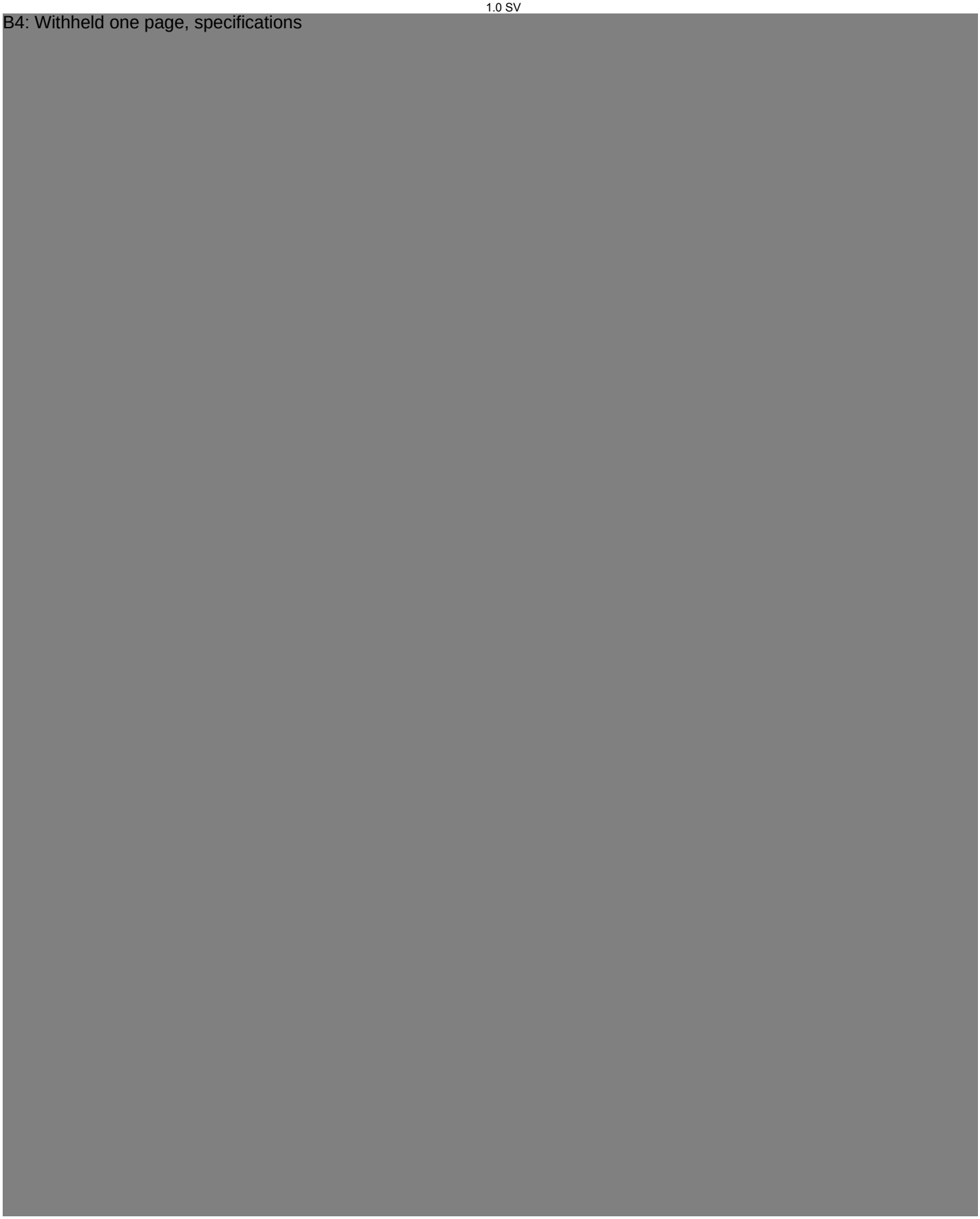
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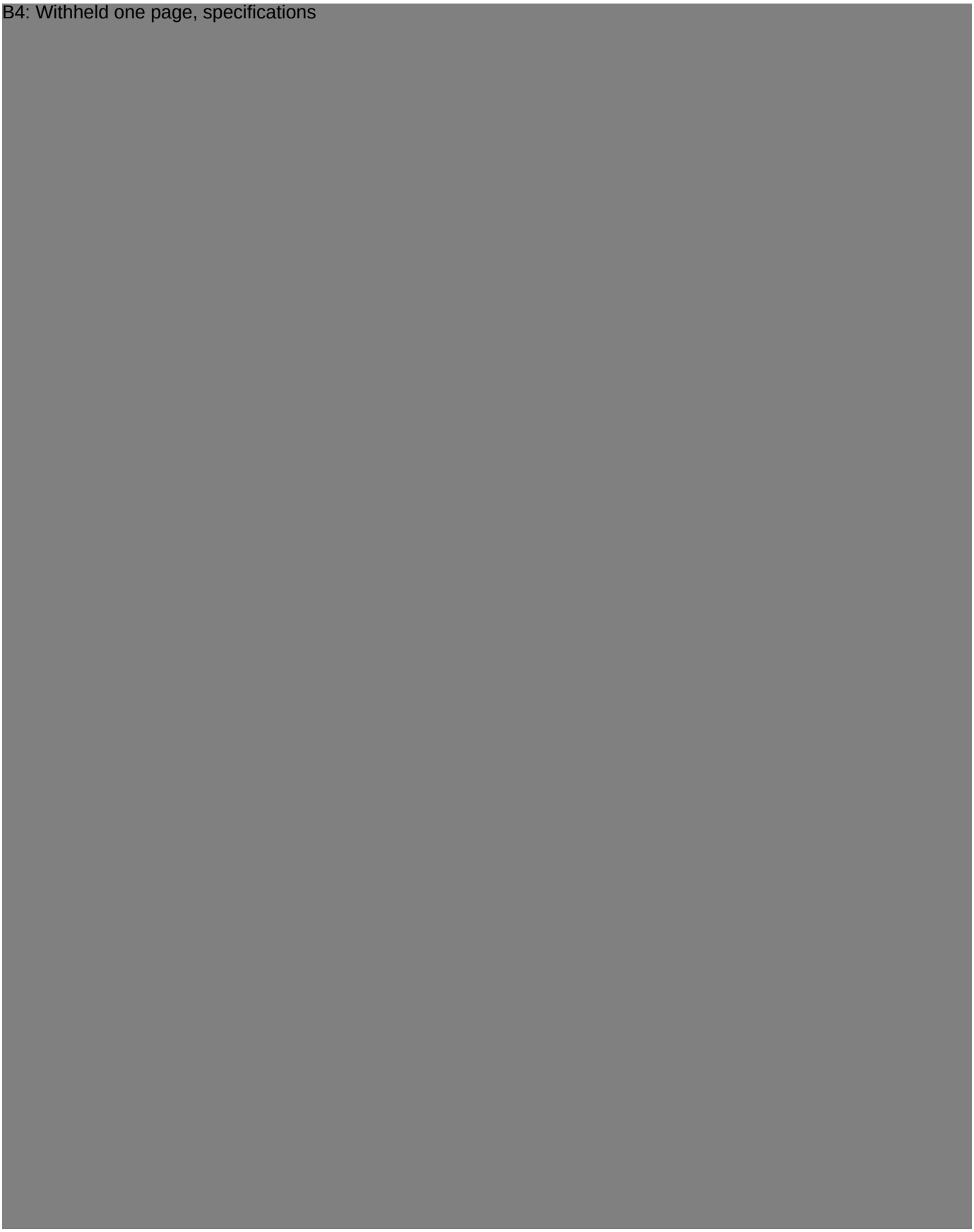
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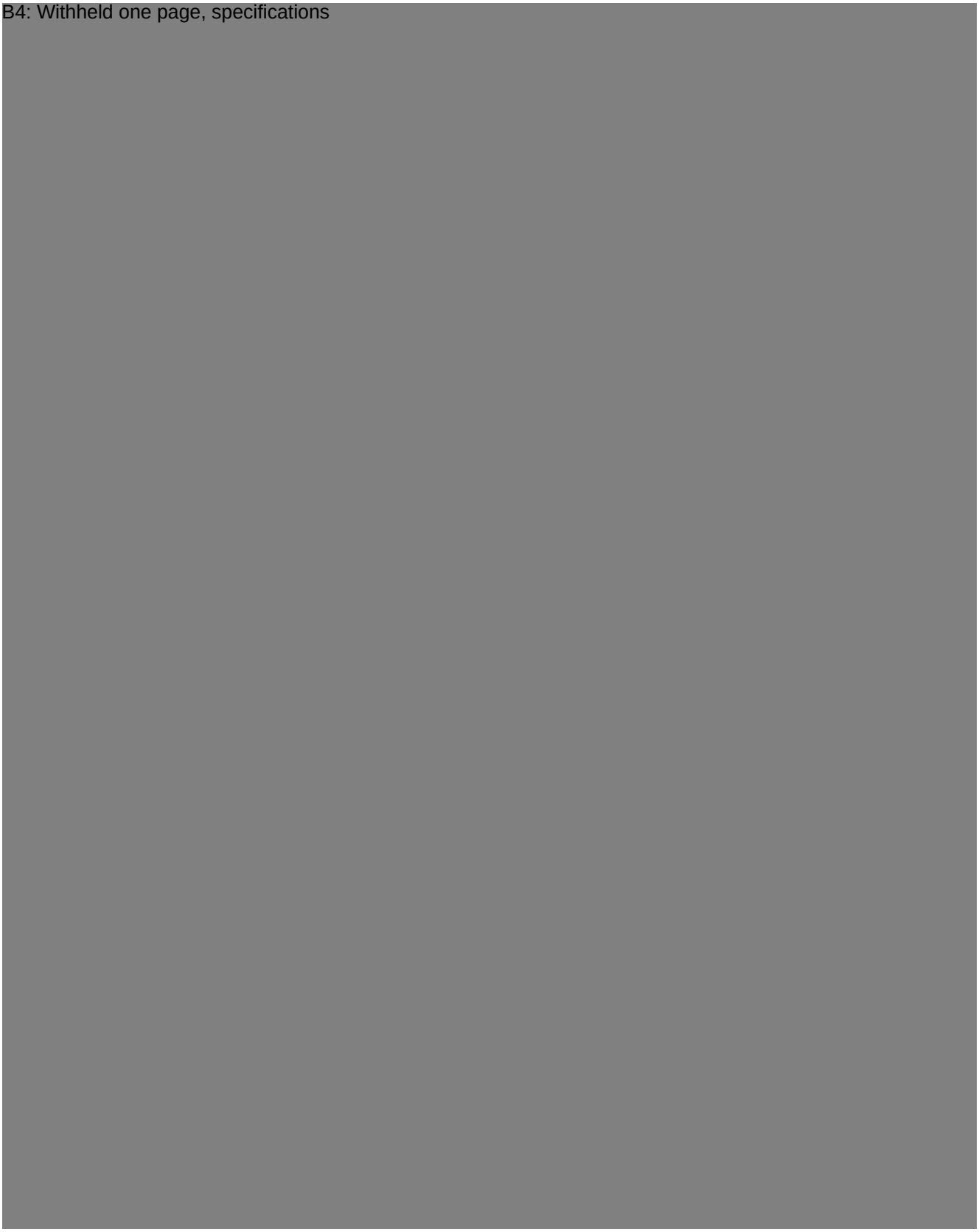
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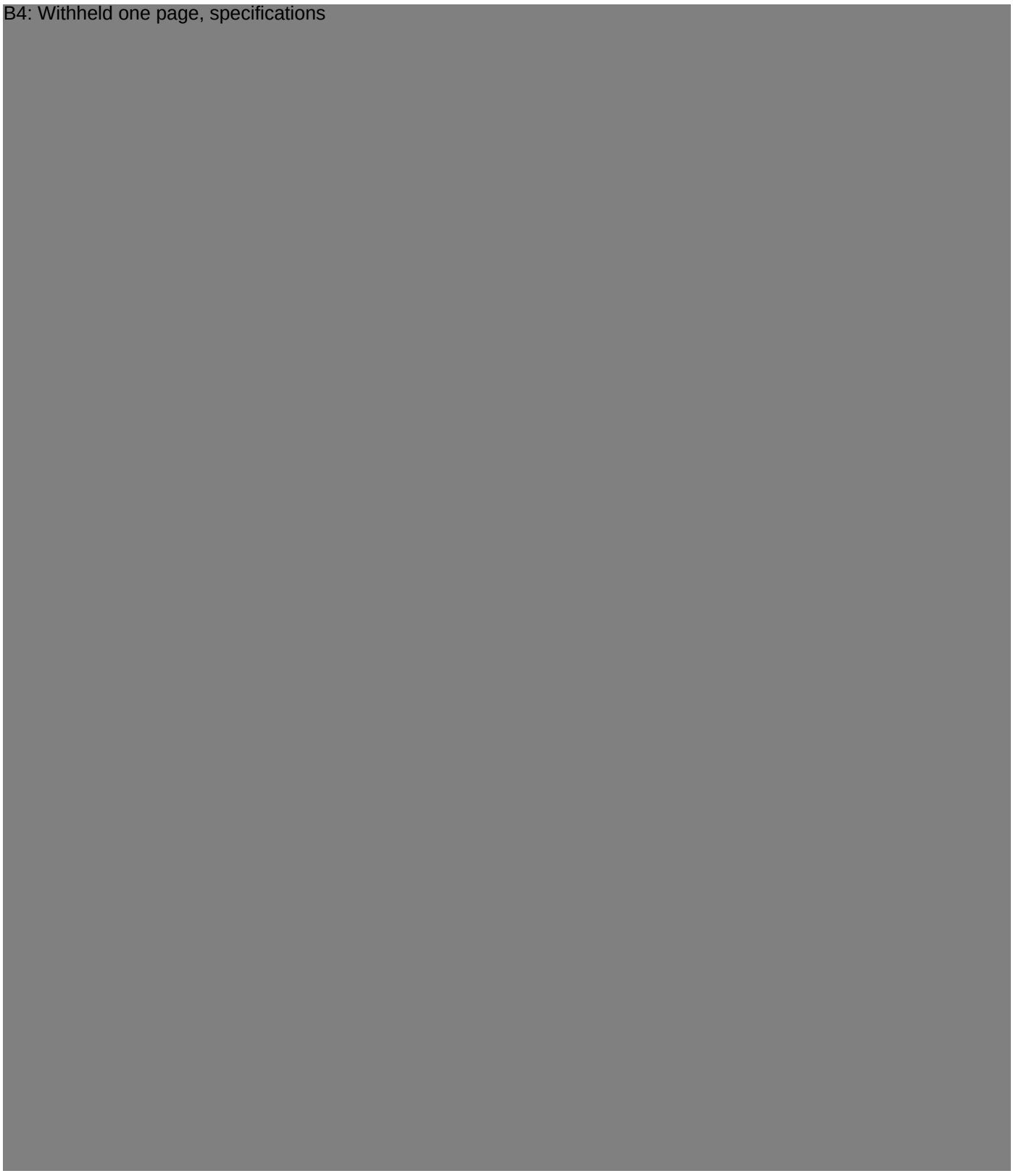
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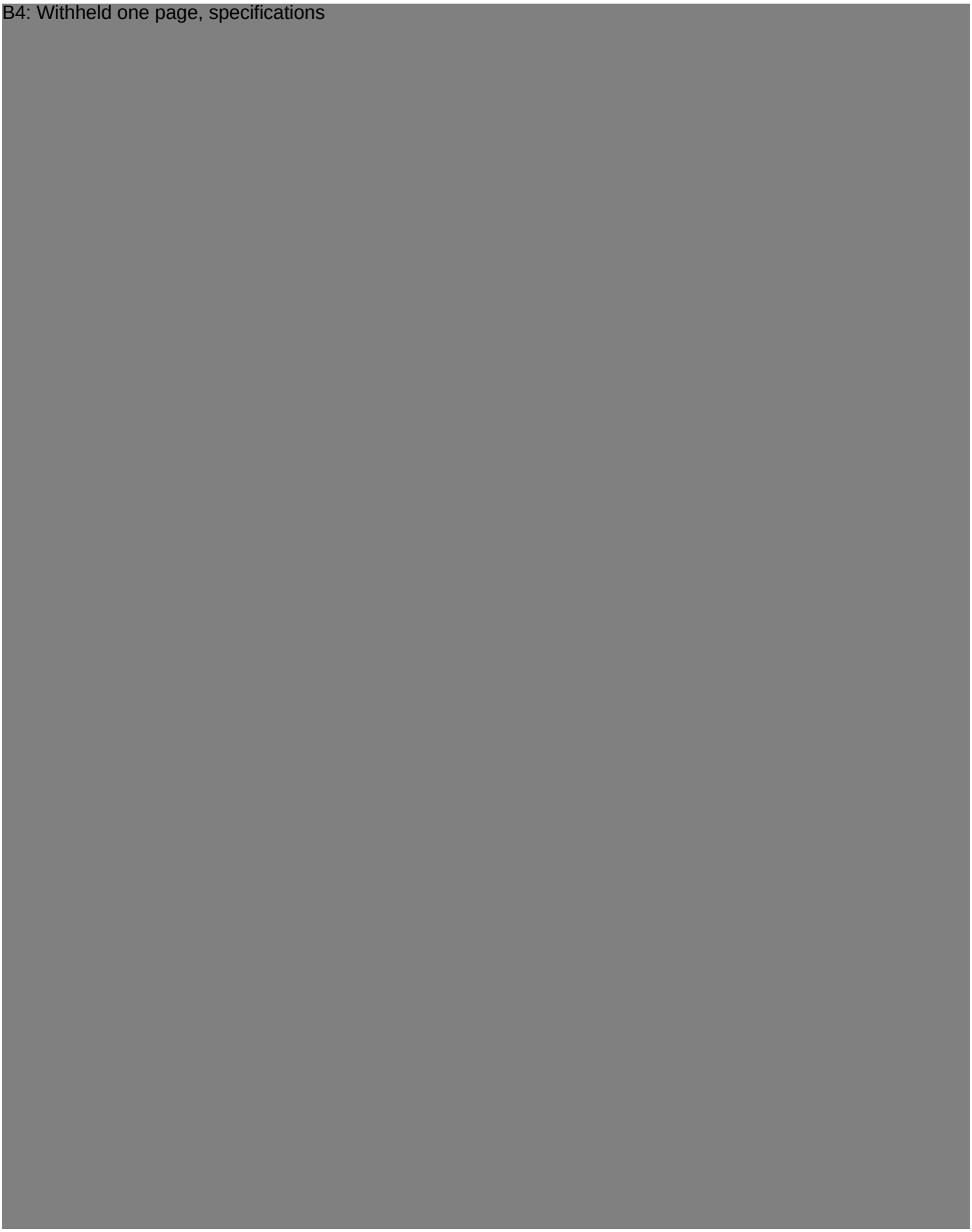

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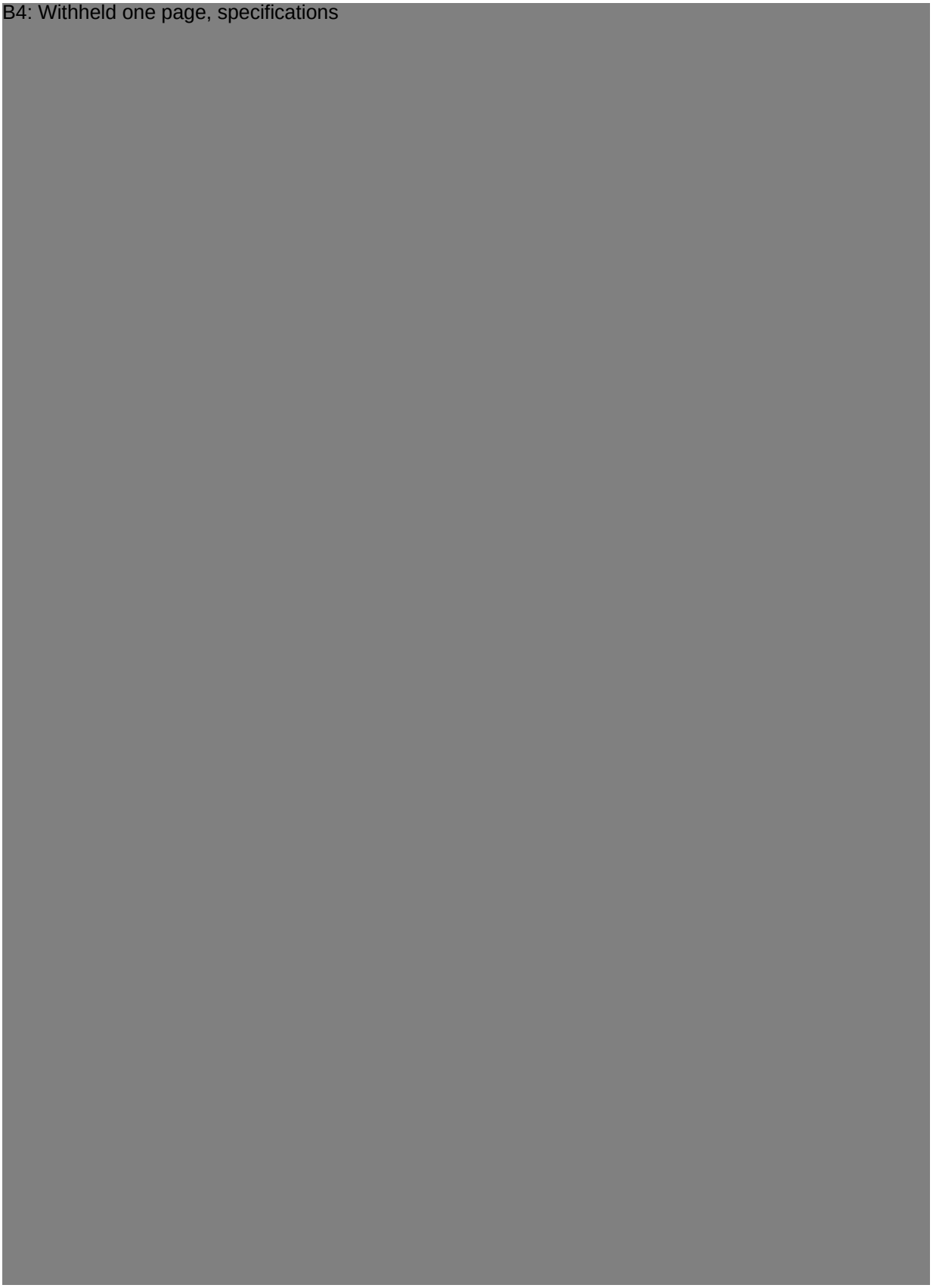
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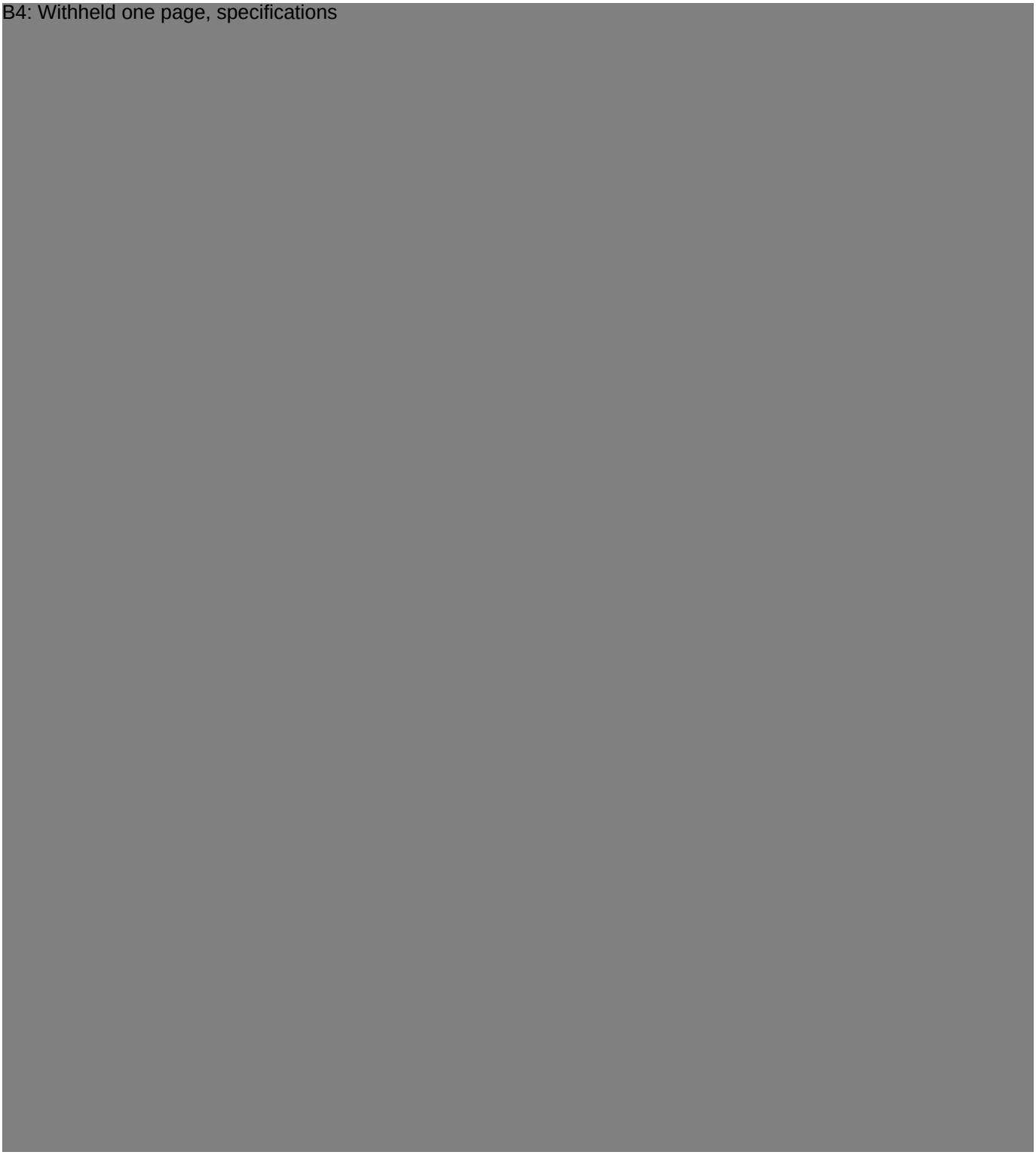
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6 Approvals

	Name	Role	Signature	Date
Author	Robin Farine	Senior Engineer, Software Development		2016-07-13
Owner	Eric Mariacher	Manager Sofware Development		2016.7.13
QA Review	Florence Kapp	QA Officer		13.7.2016