



Cyber Disruption
Antelope Elk Energy Center
Operating Manual

Manual: **GSE-AGS-OM**

Section: **12.8**

Procedure Revision Summary

1.	Document and Revision Number: GSE-AGS-OM, Section 12.8
2.	Document Title: Cyber Disruption
3.	Effective Date:
4.	Document Change:
Rev 0	Initial draft of procedure
Rev 1	Updated PIC Address and changed Antelope Station logo to higher resolution
Rev 2	Updated Facility Name and Logo throughout document
Rev 3	Updated Facility Name and Logo throughout document.
Rev 4	Incorporated reference to NERC CIP and EOP-004 as additional requirements which may be required dependent on event.
Rev 5	Review – Made updated to align with current operating mode.
Rev 6	Annual Review
5.	Training Requirements: Required reading for all personnel.



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12.8 Cyber Disruption

12.8.1 Purpose

[REDACTED]

12.8.2 Procedures

12.8.2.1 Incident Identification

[REDACTED]

[REDACTED]

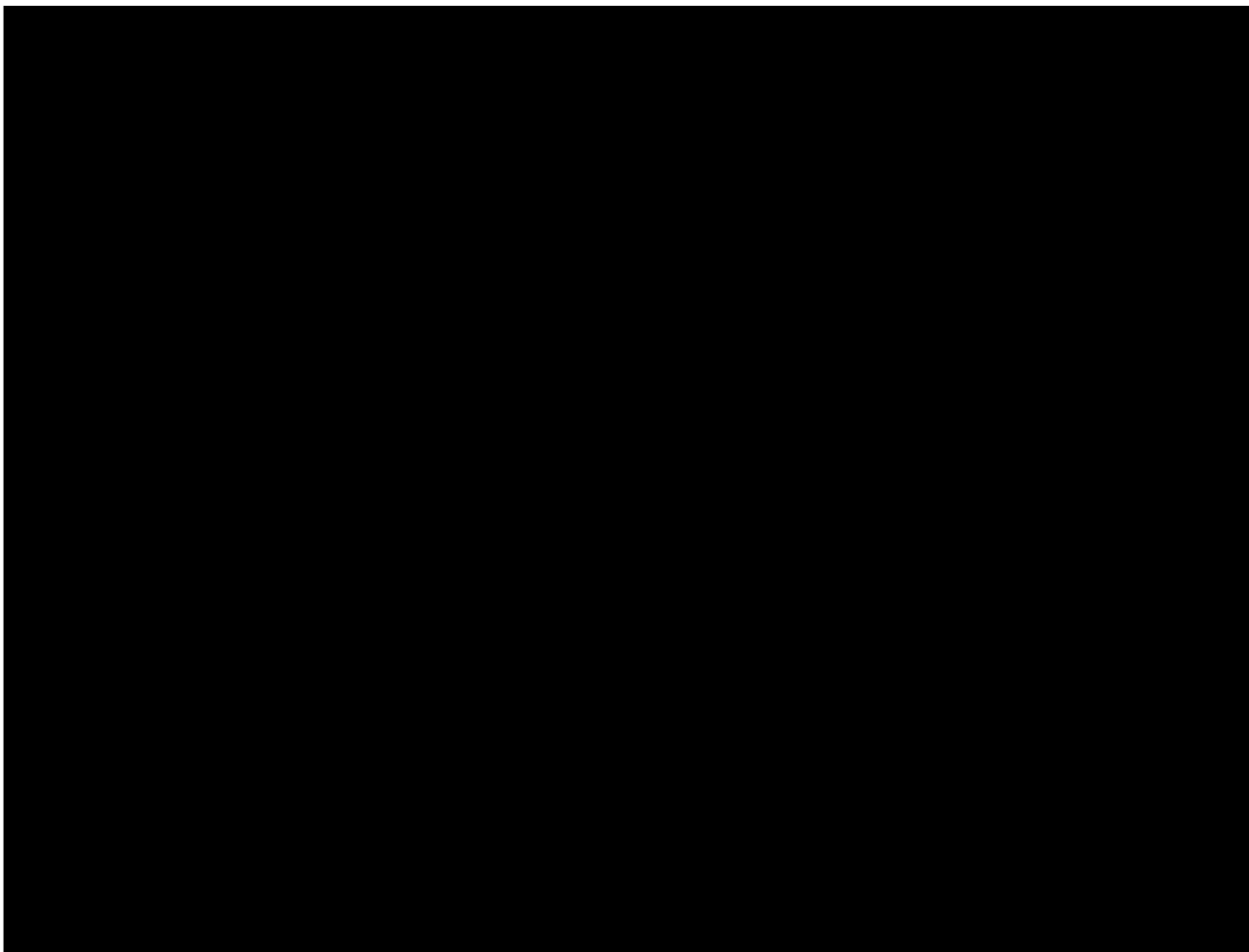
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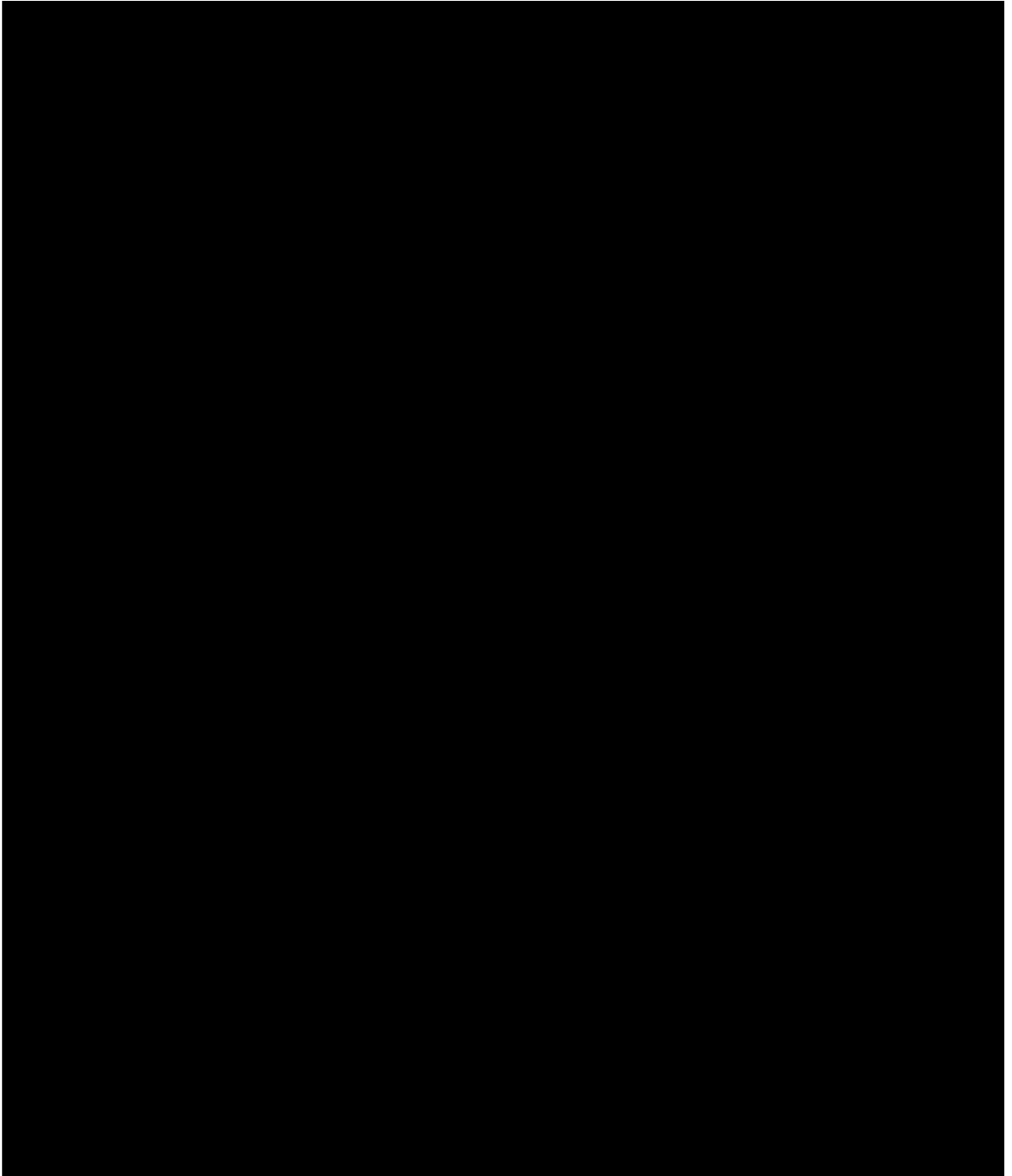




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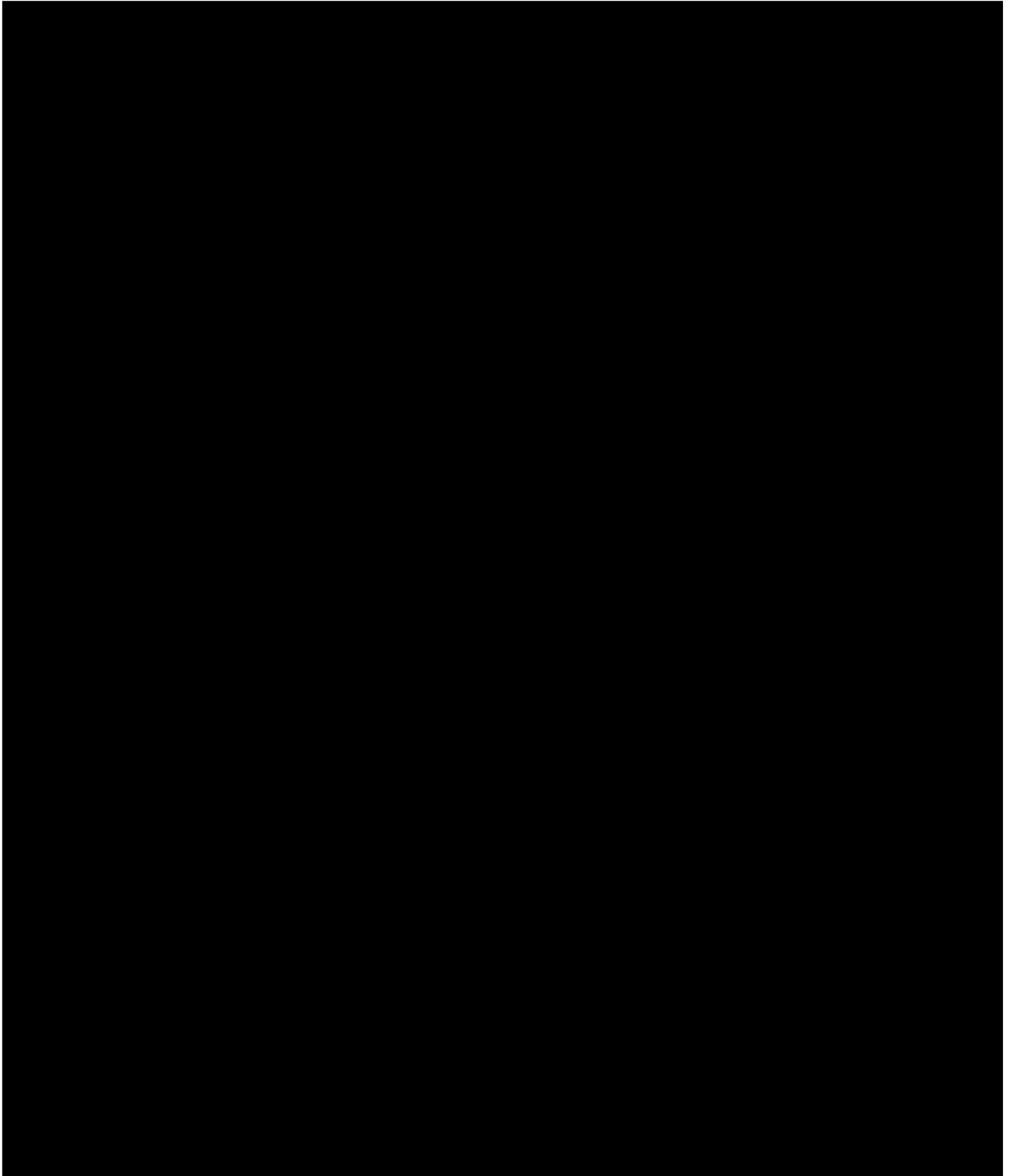




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12.8.2.2 Incident Response Assistance

[Redacted]

[Redacted]

[Redacted]

- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]

[Redacted]

[Redacted]

12.8.2.3 Incident Reporting

[illegible]



Antelope Elk Energy Center Operating Manual

GSE-AGS-OM, Section 12.9

Critical Operations

Golden Spread Electric Co-Op
Antelope Elk Energy Center
Abernathy, Texas

Rev	Date	Prepared By	Reviewed By	Approved By	Pages Affected
2	02/21/2016	Kevin Moore	Kevin Moore	Kevin Moore	All
3	9/15/2016	Jason Beard	Kevin Moore	Kevin Moore	All
4	10/05/2018	Kevin Moore	Kevin Moore	Ron Kuehnle	5
5	12/1/2020	Kevin Moore	Greg Newman	Ron Kuehnle	All
6	12/17/2021	Kevin Moore	Kevin Moore	Kevin Moore	All



Critical Operations
Antelope Elk Energy Center
Operating Manual

Manual: **GSE-AGS-OM**

Section: **12.9**

Procedure Revision Summary

1.	Document and Revision Number: GSE-AGS-OM, Section 12.9
2.	Document Title: Critical Operations
3.	Effective Date:
4.	Document Change:
Rev 0	Initial draft of procedure
Rev 1	Updated PIC Address. Updated Antelope Station Logo to Higher resolution.
Rev 2	Updated Facility Name and Logo throughout document. Added Elk specific documentation.
Rev 3	Updated Facility Name and Logo throughout document.
Rev 4	Updated title of Operations Authority the "Shift Lead"
Rev 5	Review – Made updated to align with current operating mode.
5.	Training Requirements: Required reading for all personnel.



Critical Operations
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12.9 Critical Operations

12.9.1 Purpose

[REDACTED]

12.9.2 Definition

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

12.9.3 Possible Causes

- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]



12.9.4 Possible Consequences

[REDACTED]

12.9.5 Attachments

[REDACTED]

12.9.6 Actions to Perform

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



Antelope Elk Energy Center Operating Manual

GSE-AGS-OM, Section 12.10 Chemical Spill

**Golden Spread Electric Co-Op
Antelope Elk Energy Center**
Abernathy, Texas

Rev	Date	Prepared By	Reviewed By	Approved By	Pages Affected
2	02/21/2016	Kevin Moore	Kevin Moore	Kevin Moore	All
3	9/15/2016	Jason Beard	Kevin Moore	Kevin Moore	All
4	10/05/2018	Kevin Moore	Kevin Moore	Ron Kuehnle	All
5	12/1/2020	Kevin Moore	Greg Newman	Ron Kuehnle	All
6	12/17/2021	Kevin Moore	Kevin Moore	Kevin Moore	All



Chemical Spill
Antelope Elk Energy Center
Operating Manual

Manual: GSE-AGS-OM

Section: 12.10

Procedure Revision Summary

1.	Document and Revision Number: GSE-AGS-OM, Section 12.10
2.	Document Title: Chemical Spill
3.	Effective Date:
4.	Document Change:
Rev 0	Initial draft of procedure
Rev 1	Updated PIC Address. Added OSRO Infor.
Rev 2	Updated Facility Name and Logo throughout document
Rev 3	Updated Facility Name and Logo throughout document.
Rev 4	Added SDS access under Insider > Safety First.
Rev 5	Review – Made updated to align with current operating mode.
Rev 6	Annual Review
5.	Training Requirements: Required reading for all personnel.



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12.10 Chemical Spills

12.10.1 Purpose

[REDACTED]

12.10.2 Definition

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

12.10.3 Possible Causes

[REDACTED]

12.10.4 Possible Consequences

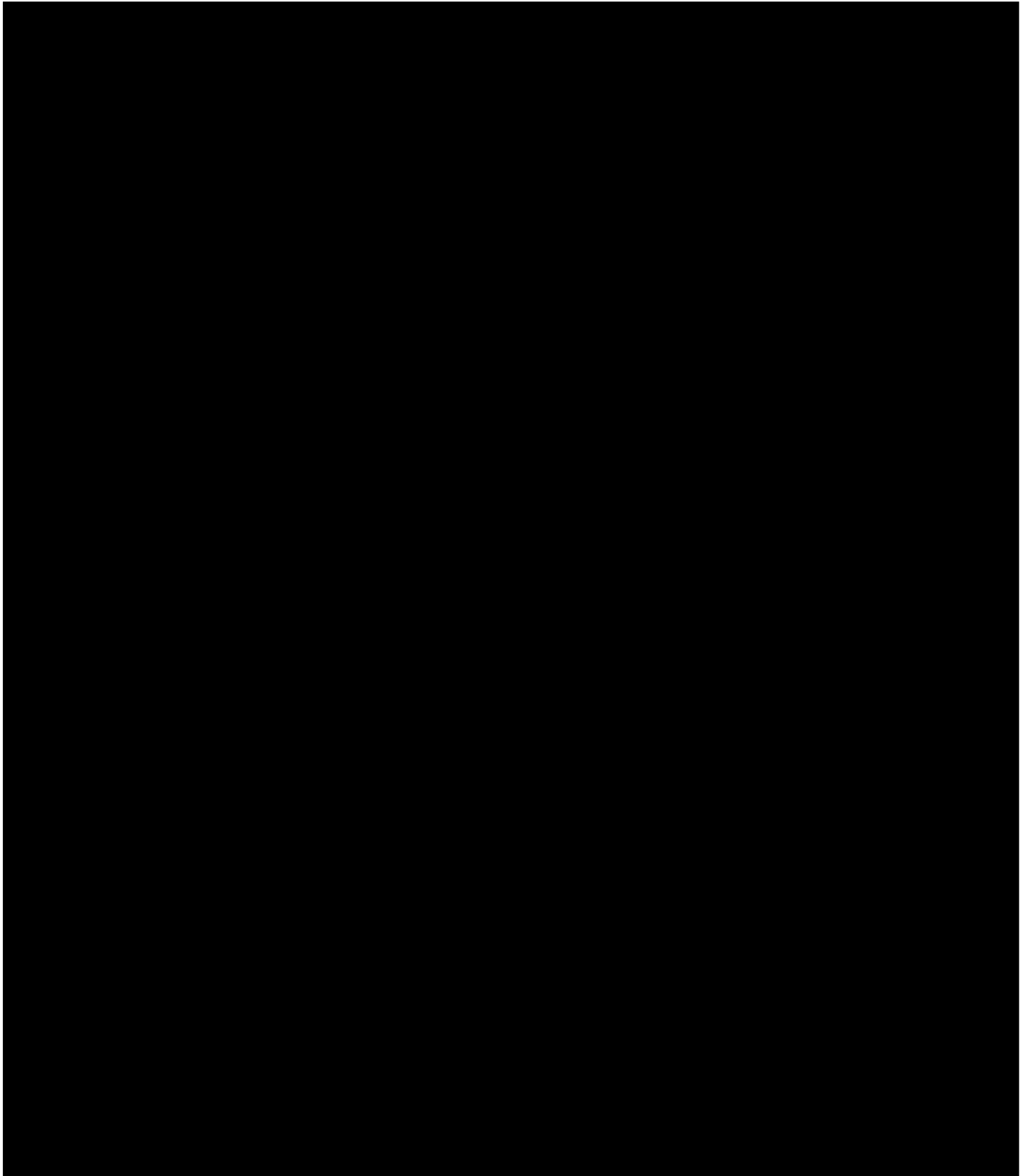
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12.10.5 Attachments

[REDACTED]



12.10.6 Actions to Perform





Chemical Spill
Antelope Elk Energy Center
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Antelope Elk Energy Center Operating Manual

GSE-AGS-OM, Section 12.11

Extended Power Loss

Golden Spread Electric Co-Op
Antelope Elk Energy Center
Abernathy, Texas

Rev	Date	Prepared By	Reviewed By	Approved By	Pages Affected
3	02/22/2016	Kevin Moore	Kevin Moore	Kevin Moore	All
4	9/15/2016	Jason Beard	Kevin Moore	Kevin Moore	All
5	10/05/2018	Kevin Moore	Kevin Moore	Ron Kuehnle	6-7
6	12/1/2020	Kevin Moore	Greg Newman	Ron Kuehnle	All
7	12/17/2021	Kevin Moore	Kevin Moore	Kevin Moore	All



Extended Power Loss
Antelope Elk Energy Center
Operating Manual

Manual: **GSE-AGS-OM**

Section: **12.11**

Procedure Revision Summary

1.	Document and Revision Number: GSE-AGS-OM, Section 12.11
2.	Document Title: Extended Power Loss
3.	Effective Date:
4.	Document Change:
Rev 0	Initial draft of procedure
Rev 1	Update PIC Address added higher resolution Antelope Station logo
Rev 2	Updates to improve detail to meet PUCT Ruling 25.53 Requirements
Rev 3	Updated Facility Name and Logo throughout document. Added turbine specific information.
Rev 4	Updated Facility Name and Logo throughout document.
Rev 5	Updated for changes to facility layout.
Rev 6	Review – Made updated to align with current operating mode.
Rev 7	Annual Review
5.	Training Requirements: Required reading for all personnel.



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12.11 Extended Power Loss

12.11.1 Purpose

[REDACTED]

12.11.2 Definition

[REDACTED]

[REDACTED]

[REDACTED]

12.11.3 Possible Causes

[REDACTED]

12.11.4 Possible Consequences

[REDACTED]

12.11.5 Attachments

[REDACTED]



12.11.6 Actions to Perform (Antelope Units)

[REDACTED]

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■

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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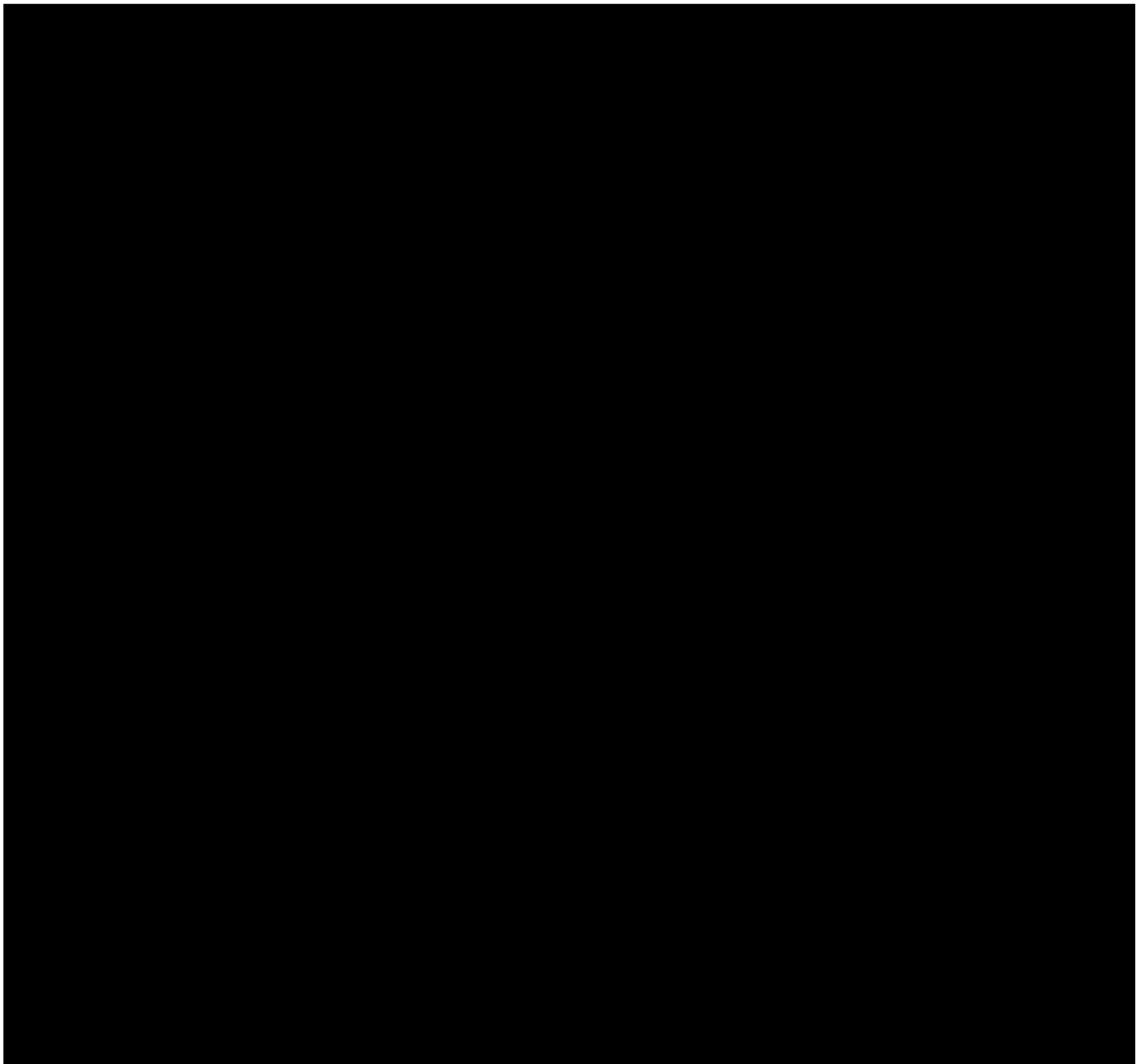
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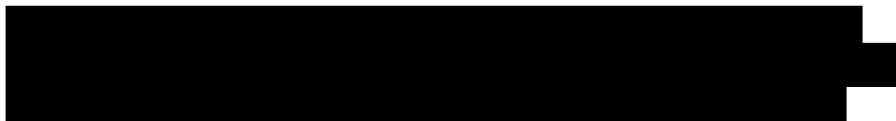
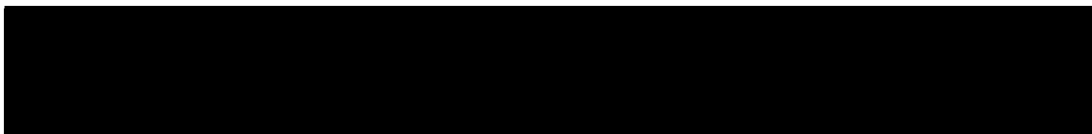
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Winter Conditions (Freezing Conditions)

[REDACTED]



12.11.7 Actions to Perform (Elk Units)





[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

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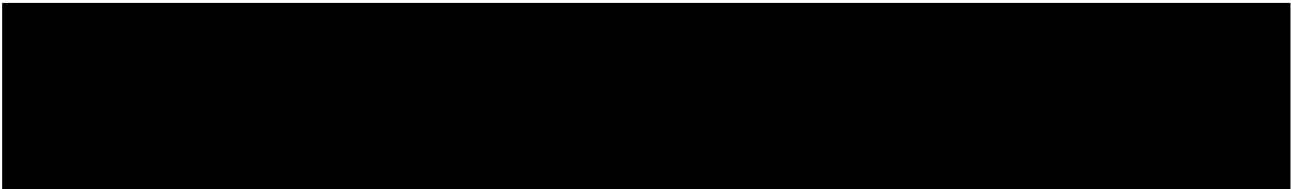
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[Redacted]

[Redacted]

Winter Conditions (Freezing Conditions)

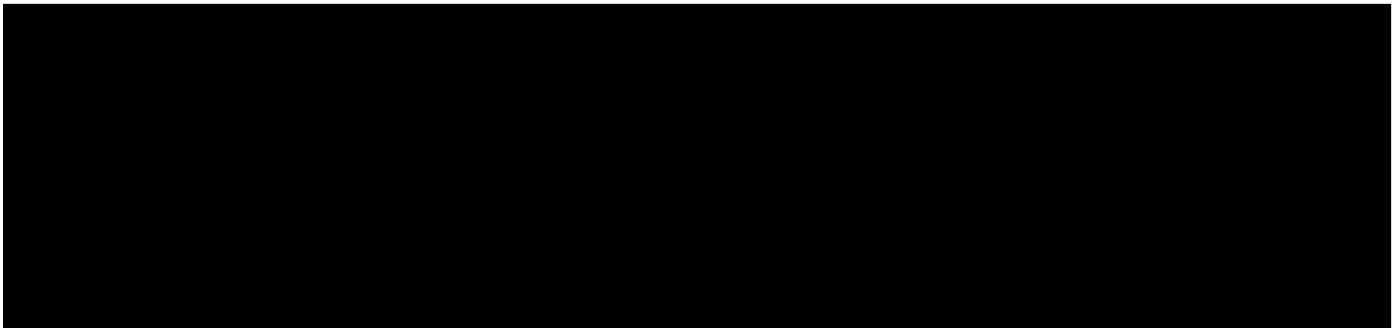
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Summer Conditions (Heat Exposure)



Recovery from Winter (Freezing) Conditions





Antelope Elk Energy Center Operating Manual

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Major Gas Leak

Golden Spread Electric Co-Op Antelope Elk Energy Center

Abernathy, Texas

Rev	Date	Prepared By	Reviewed By	Approved By	Pages Affected
1	7/23/2013	Gary Burget	Gary Burget	Gary Burget	1
2	02/21/2016	Kevin Moore	Kevin Moore	Kevin Moore	All
3	9/15/2016	Jason Beard	Kevin Moore	Kevin Moore	All
4	12/1/2020	Kevin Moore	Greg Newman	Ron Kuehnle	All
5	12/17/2021	Kevin Moore	Kevin Moore	Kevin Moore	All



Major Gas Leak
Antelope Elk Energy Center
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Section: **12.12**

Procedure Revision Summary

1.	Document and Revision Number: GSE-AGS-OM, Section 12.12
2.	Document Title: Major Gas Leak
3.	Effective Date:
4.	Document Change:
Rev 0	Initial draft of procedure
Rev 1	Updated PIC Address
Rev 2	Updated Facility Name and Logo throughout. Added turbine specific information.
Rev 3	Updated Facility Name and Logo throughout document.
Rev 4	Review – Made updated to align with current operating mode.
Rev 5	Annual Review
5.	Training Requirements: Required reading for all personnel.



Major Gas Leak
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12.12 Major Gas Leak

12.12.1 Purpose

[REDACTED]

12.12.2 Definition

[REDACTED]

[REDACTED]

[REDACTED]

12.12.3 Possible Causes

[REDACTED]

12.12.4 Possible Consequences

[REDACTED]

12.12.5 Attachments

[REDACTED]



12.5.1 Actions to Perform

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



Major Gas Leak
Antelope Elk Energy Center
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Structure Climbing / Descending Emergencies

**Golden Spread Electric Co-Op
Antelope Elk Energy Center**
Abernathy, Texas

Rev	Date	Prepared By	Reviewed By	Approved By	Pages Affected
1	7/23/2013	Gary Burget	Gary Burget	Gary Burget	All
2	02/21/2016	Kevin Moore	Kevin Moore	Kevin Moore	All
3	09/15/2016	Jason Beard	Kevin Moore	Kevin Moore	All
4	12/1/2020	Kevin Moore	Greg Newman	Ron Kuehnle	All
5	12/17/2021	Kevin Moore	Kevin Moore	Kevin Moore	All



**Structure Climbing / Descending
Emergencies**

**Antelope Elk Energy Center
Operating Manual**

Manual: **GSE-AGS-OM**

Section: **12.13**

Procedure Revision Summary

1.	Document and Revision Number: GSE-AGS-OM, Section 12.13
2.	Document Title: Structure Climbing / Descending Emergencies
3.	Effective Date:
4.	Document Change:
Rev 0	Initial draft of procedure
Rev 1	Updated PIC Address used higher resolution Antelope Station Logo
Rev 2	Updated Facility Name and Logo throughout document.
Rev 3	Updated Facility Name and Logo throughout document.
Rev 4	Review – Made updated to align with current operating mode.
Rev 5	Annual Review
5.	Training Requirements: Required reading for all personnel.



Structure Climbing / Descending Emergencies

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Structure Climbing / Descending Emergencies

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12.13 Structure Climbing / Descending Emergencies

12.13.1 Purpose

[REDACTED]

12.13.2 Definition

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

12.13.3 Possible Causes

[REDACTED]

12.13.4 Possible Consequences

[REDACTED]

12.13.5 Attachments

[REDACTED]

12.13.6 Actions to Perform

- [illegible]



Antelope Elk Energy Center Operating Manual

GSE-AGS-OM, Section 12.14

Restoration of Service

Golden Spread Electric Co-Op Antelope Elk Energy Center

Abernathy, Texas

Rev	Date	Prepared By	Reviewed By	Approved By	Pages Affected
2	02/21/2016	Kevin Moore	Kevin Moore	Kevin Moore	All
3	09/15/2016	Jason Beard	Kevin Moore	Kevin Moore	All
4	05/17/2019	Kevin Moore	Kevin Moore	Ron Kuehnle	7
5	12/1/2020	Kevin Moore	Greg Newman	Ron Kuehnle	All
6	12/17/2021	Kevin Moore	Kevin Moore	Kevin Moore	All
7	3/30/2022	Gary Burget	Gary Burget	Ron Kuehnle	All



Procedure Revision Summary

1.	Document and Revision Number: GSE-AGS-OM, Section 12.14
2.	Document Title: Restoration of Service
3.	Effective Date:
4.	Document Change:
Rev 0	Initial draft of procedure
Rev 1	Changed PIC Address, used higher resolution Antelope Station Logo
Rev 2	Updated Facility Name and Logo throughout document. Added turbine specific information.
Rev 3	Updated Facility Name and Logo throughout document.
Rev 4	Updated TOP for ERCOT to ONCOR from Sharyland Utilities
Rev 5	Review – Made updated to align with current operating mode.
Rev 6	Annual Review
Rev 7	Changed Title of Procedure, Updated Contact process. Made changes to fit PUCT 25.53 rule dated March 20, 2022. Removed ABB 800xa definition.
5.	Training Requirements: Required reading for all Personnel.



Restoration of Service
Antelope Elk Energy Center
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12.14 Restoration of Service

12.14.1 Purpose

[REDACTED]

12.14.2 Definition

[REDACTED]

[REDACTED]

Emergency (PUCT Definition) – a situation in which the known, potential consequences of a hazard or threat are sufficiently imminent and severe that an entity should take prompt action to prepare for and reduce the impact of harm that may result from the hazard or threat. The term includes an emergency declared by local, state, or federal government, or ERCOT or another reliability coordinator designated by the North American Electric Reliability Corporation and that is applicable to the entity.

[REDACTED]

[REDACTED]

Hazard (PUCT Definition) – a natural, technological, or human-caused condition that is potentially dangerous or harmful to life, information, operations, the environment, or property, including a condition that is potentially harmful to the continuity of electric service.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Threat (PUCT Definition) – the intention and capability of an individual or organization to harm life, information, operations, the environment, or property, including harm to the continuity of electric service.

[REDACTED]



12.14.3 Possible Causes

- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]

12.14.4 Possible Consequences

[REDACTED]

12.14.5 Attachments

[REDACTED]

12.14.6 Actions to Perform

[illegible]

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- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]

[REDACTED]

[REDACTED]

- [REDACTED]
- [REDACTED]



Restoration of Service
Antelope Elk Energy Center
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[REDACTED]	
[REDACTED]	
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

- [illegible]





Antelope Elk Energy Center Operating Manual

GSE-AGS-OM, Section 12.15

Train Derailment

Golden Spread Electric Co-Op
Antelope Elk Energy Center
Abernathy, Texas

Rev	Date	Prepared By	Reviewed By	Approved By	Pages Affected
2	02/21/2016	Kevin Moore	Kevin Moore	Kevin Moore	All
3	09/15/2016	Jason Beard	Kevin Moore	Kevin Moore	All
4	5/23/19	Greg Newman	Kevin Moore	Ron Kuehnle	All
5	12/1/2020	Kevin Moore	Greg Newman	Ron Kuehnle	All
6	12/17/2021	Kevin Moore	Kevin Moore	Kevin Moore	All



Train Derailment
Antelope Elk Energy Center
Operating Manual

Manual: **GSE-AGS-OM**

Section: **12.15**

Procedure Revision Summary

1.	Document and Revision Number: GSE-AGS-OM, Section 12.15
2.	Document Title: Train Derailment
3.	Effective Date:
4.	Document Change:
Rev 0	Initial draft of procedure
Rev 1	Updated PIC Address, added higher resolution Antelope Station logo.
Rev 2	Updated Facility Name and Logo throughout document.
Rev 3	Updated Facility Name and Logo throughout document.
Rev 4	Annual Review
Rev 5	Review – Made updated to align with current operating mode.
Rev 6	Annual Review
5.	Training Requirements: Required reading for all personnel.



Train Derailment
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12.15.6	Actions to Perform	5



12.15 Train Derailment

12.15.1 Purpose

[REDACTED]

12.15.2 Definition

[REDACTED]

12.15.3 Possible Causes

[REDACTED]

12.15.4 Possible Consequences

[REDACTED]

12.15.5 Attachments

[REDACTED]

[REDACTED]



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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]



Antelope Elk Energy Center Operating Manual

GSE-AGS-OM, Section 12.16

Extreme Cold Weather Procedures

Golden Spread Electric Co-Op
Antelope Elk Energy Center
Abernathy, Texas

Rev	Date	Prepared By	Reviewed By	Approved By	Pages Affected
5	12/30/2018	Kevin Moore	Kevin Moore	Kevin Moore	Attachment 2
6	2/15/19	Ron Kuehnle	Ron Kuehnle	Ron Kuehnle	Attachment 3
7	4/29/19	Ron Kuehnle	Ron Kuehnle	Ron Kuehnle	All
8	10/24/19	Ron Kuehnle	Ron Kuehnle	Ron Kuehnle	7, All Attachments
9	11/25/19	Ron Kuehnle	Ron Kuehnle	Ron Kuehnle	11,12,Attachment 9&10
10	10/30/20	Ron Kuehnle	Ron Kuehnle	Ron Kuehnle	Attachment 2,5,&8
11	11/12/21	Andrew Pool	Ron Kuehnle	Ron Kuehnle	All attachments & references to
12	1/7/22	Ron Kuehnle	Ron Kuehnle	Ron Kuehnle	Pages 7 & 8



Extreme Cold Weather Procedures
Antelope Elk Energy Center
Operating Manual

Manual: **GSE-AGS-OM**

Section: **12.16**



Extreme Cold Weather Procedures
Antelope Elk Energy Center
Operating Manual

Manual: **GSE-AGS-OM**

Section: **12.16**

Procedure Revision Summary

1.	Document and Revision Number: GSE-AGS-OM, Section 12.16
2.	Document Title: Extreme Cold Weather Procedures
3.	Effective Date:
4.	Document Change:
Rev 0	Initial draft of procedure
Rev 1	Updated Facility Name and Logo throughout document. Added turbine specific information.
Rev 2	Updated Facility Name and Logo throughout document.
Rev 3	Updated attachments to incorporate improvements from previous cold weather event.
Rev 4	Added signoff for Manager Review on page 22
Rev 5	Updated "Attachment 2" to account for changes in plant configuration.
Rev 6	Added Attachment #3 – Winter Safety Measures; Referenced this attachment in 12.16.6.3
Rev 7	Updated procedure to address concerns from ERCOT Winter Weatherization Audit
Rev 8	Increased size of check sheets to make them more user friendly
Rev 9	Changed Alert Level 2 rounds to 6 hours; changed Attachment 10 to record Dewpoint readings. Updated descriptions to Attach. 9&10
Rev 10	Updated Attachments 2,5, and 8
Rev 11	Added Alert Level 4. Moved preparation checklists to attachments. All attachments are now separate documents referenced here within and linked. Changed Alert 1 definition and response. Added Monthly Inspection.
Rev 12	Added Antelope Sensing line blowdown to Alert Level 3
5.	Training Requirements: Required reading for all personnel. Annual review of procedure with Team.



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Attachment 2	Elk Critical Instrument/Equipment List	<u>LINK</u>
Attachment 3	Winter Inventory Supplies List	<u>LINK</u>
Attachment 4	Antelope Operations Pre-Winter Checks	<u>LINK</u>
Attachment 5	Elk Operations Pre-Winter Checks	<u>LINK</u>
Attachment 6	Antelope Critical Component Insulation Checklist	<u>LINK</u>
Attachment 7	Antelope Wall Mounted Gas Heater Check	<u>LINK</u>
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Attachment 18	AEEC Cooling Water Glycol Composition Checks	<u>LINK</u>
Attachment 19	AEEC Management Winter Preparations Checklist	<u>LINK</u>



12.16 Extreme Cold Weather Procedures

12.16.1 Purpose

[REDACTED]

12.16.2 Definition

[REDACTED]

12.16.3 Possible Causes

- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]

12.16.4 Possible Consequences

- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]

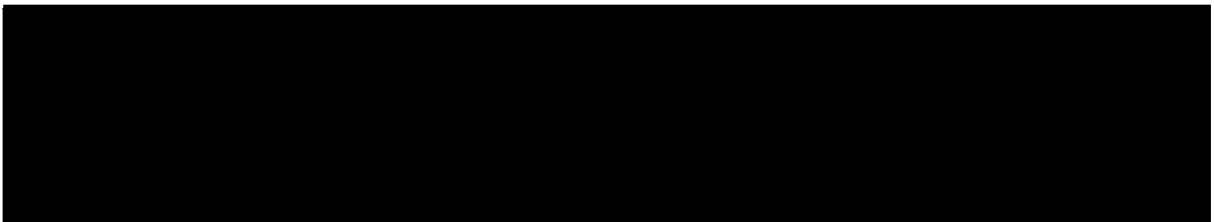


12.16.5 Actions to Perform

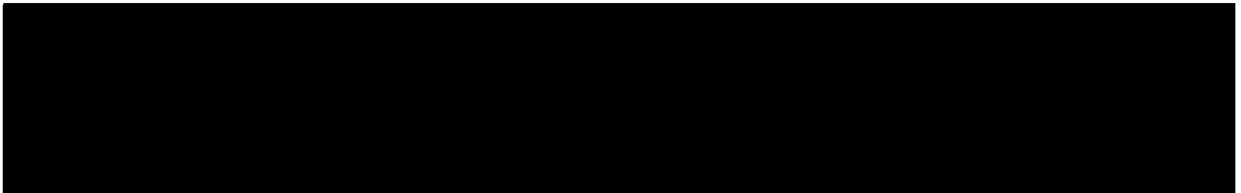
12.16.5.1 Site Preparations for winter (All Preparations should be complete by December 1st)



12.16.5.2 Antelope Preparations for winter



12.16.5.3 Elk Preparations for winter



Site Tasks

The following items should be reviewed for the comfort and safety of plant employees.





Antelope Tasks

- I [REDACTED]
- I [REDACTED]
- I [REDACTED]

Elk Tasks

- [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]

[REDACTED]

Site Tasks

- [REDACTED]
- [REDACTED]
- I [REDACTED]



Antelope Tasks

- [REDACTED]
- [REDACTED]
- [REDACTED]

Elk Tasks

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED]

Site Tasks

- Perform all Level 2 tasks

Antelope Tasks

- Perform all Level 2 tasks
- [REDACTED]
- [REDACTED]
- [REDACTED]

Elk Tasks

- Perform all Level 2 tasks



Site Tasks

- Perform all Level 3 tasks

Antelope Tasks

- Perform all Level 3 tasks

Elk Tasks

- Perform all Level 3 tasks

Site Tasks

The following items should be reviewed for the comfort and safety of plant employees.



Antelope Tasks

- 1. [REDACTED]
- 2. [REDACTED]

Elk Tasks

- 1. [REDACTED]
- 2. [REDACTED]
- 3. [REDACTED]



12.16.6 Attachment File Location





Extreme Cold Weather Procedures
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12.16.8 Signature Page

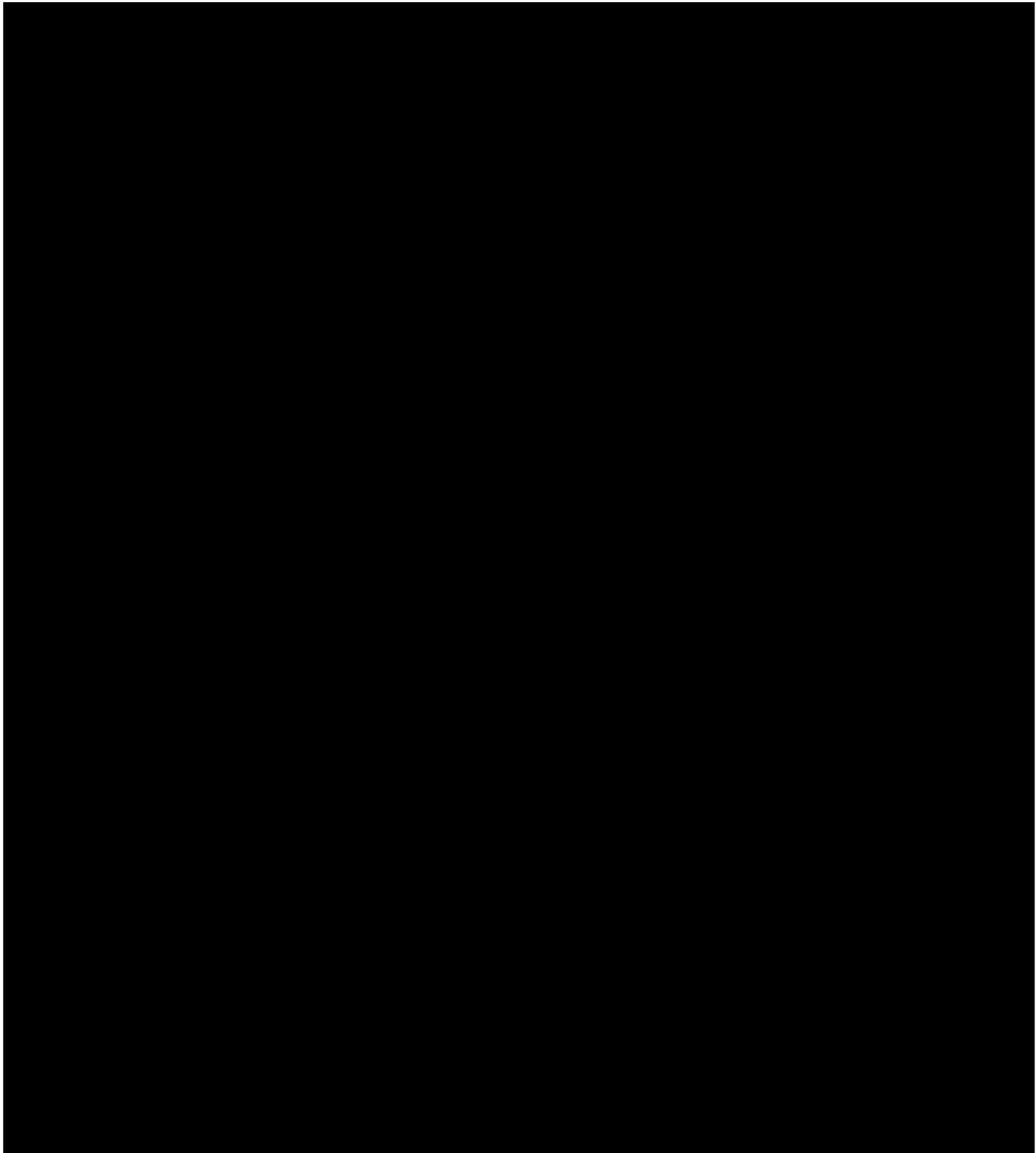
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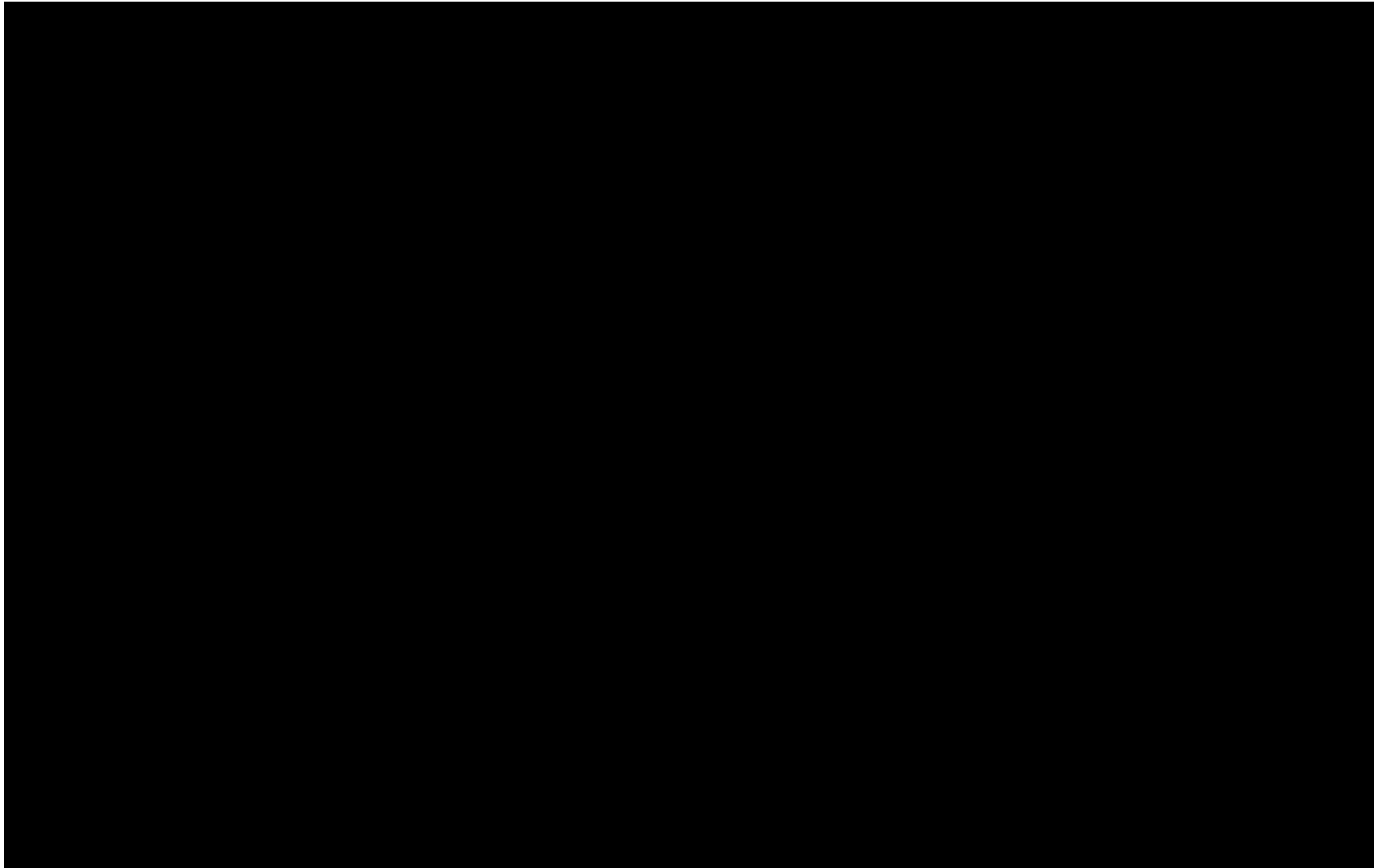
Operations/Maintenance Manager:

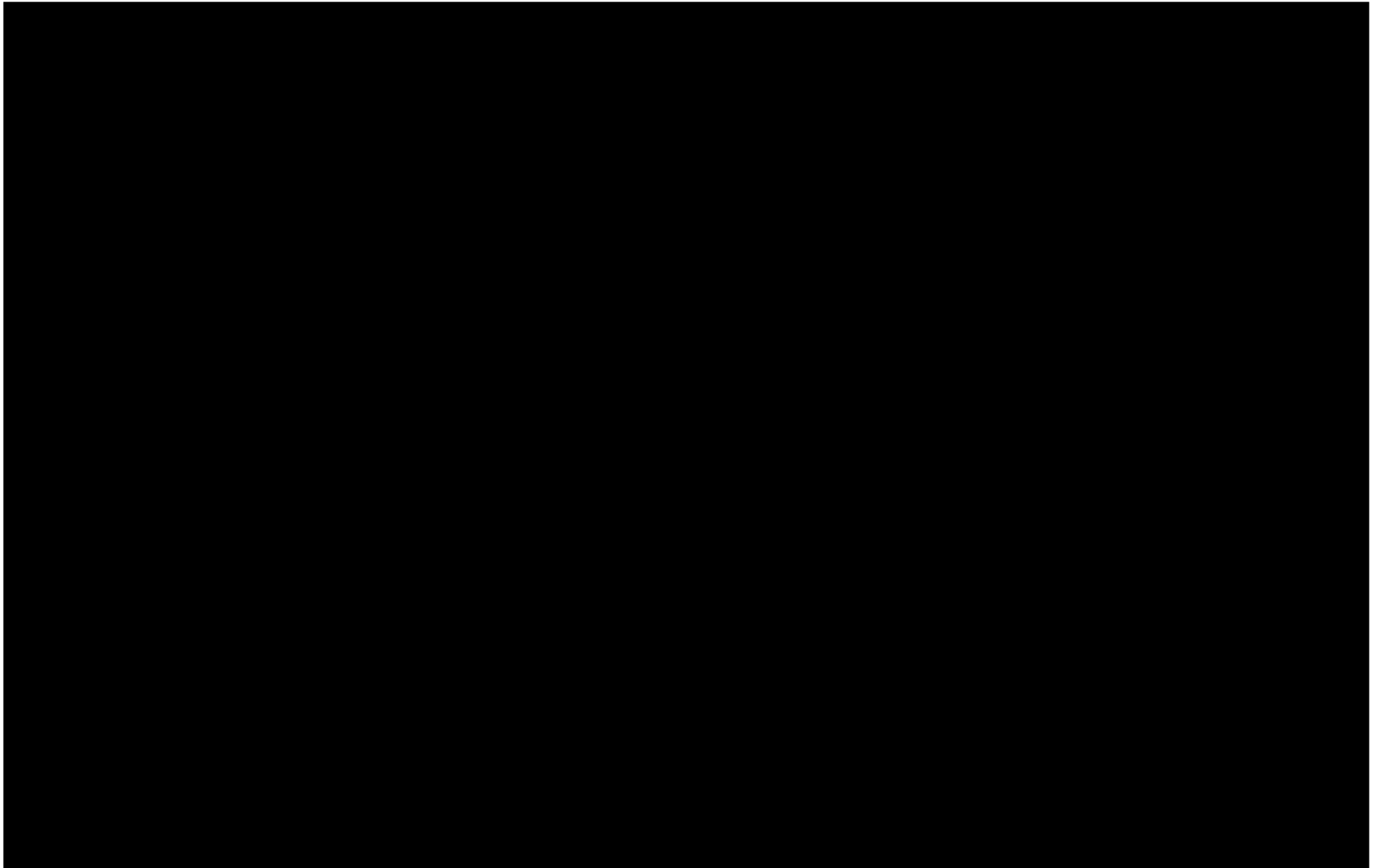
Plant Manager:



Attachment #1

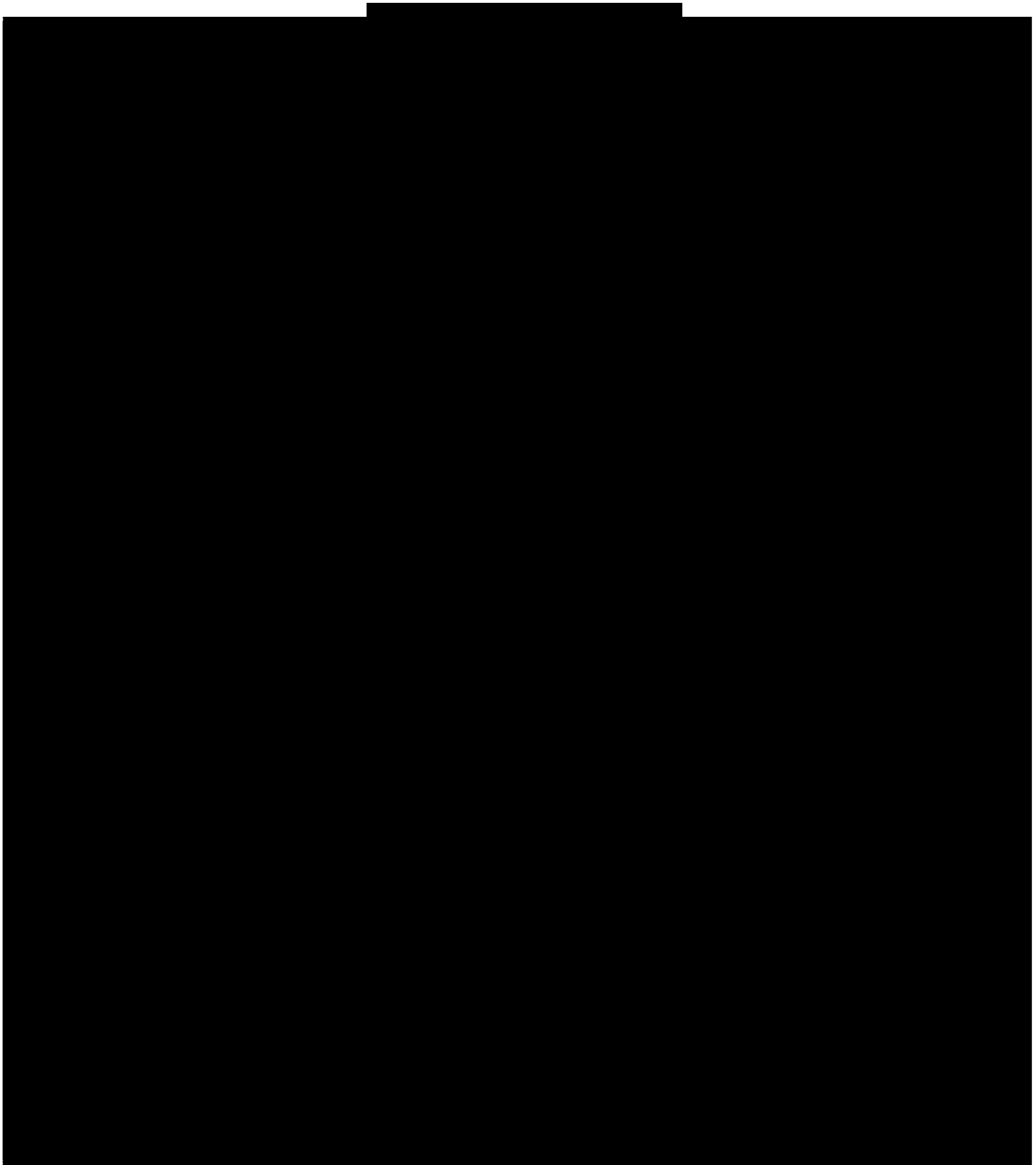






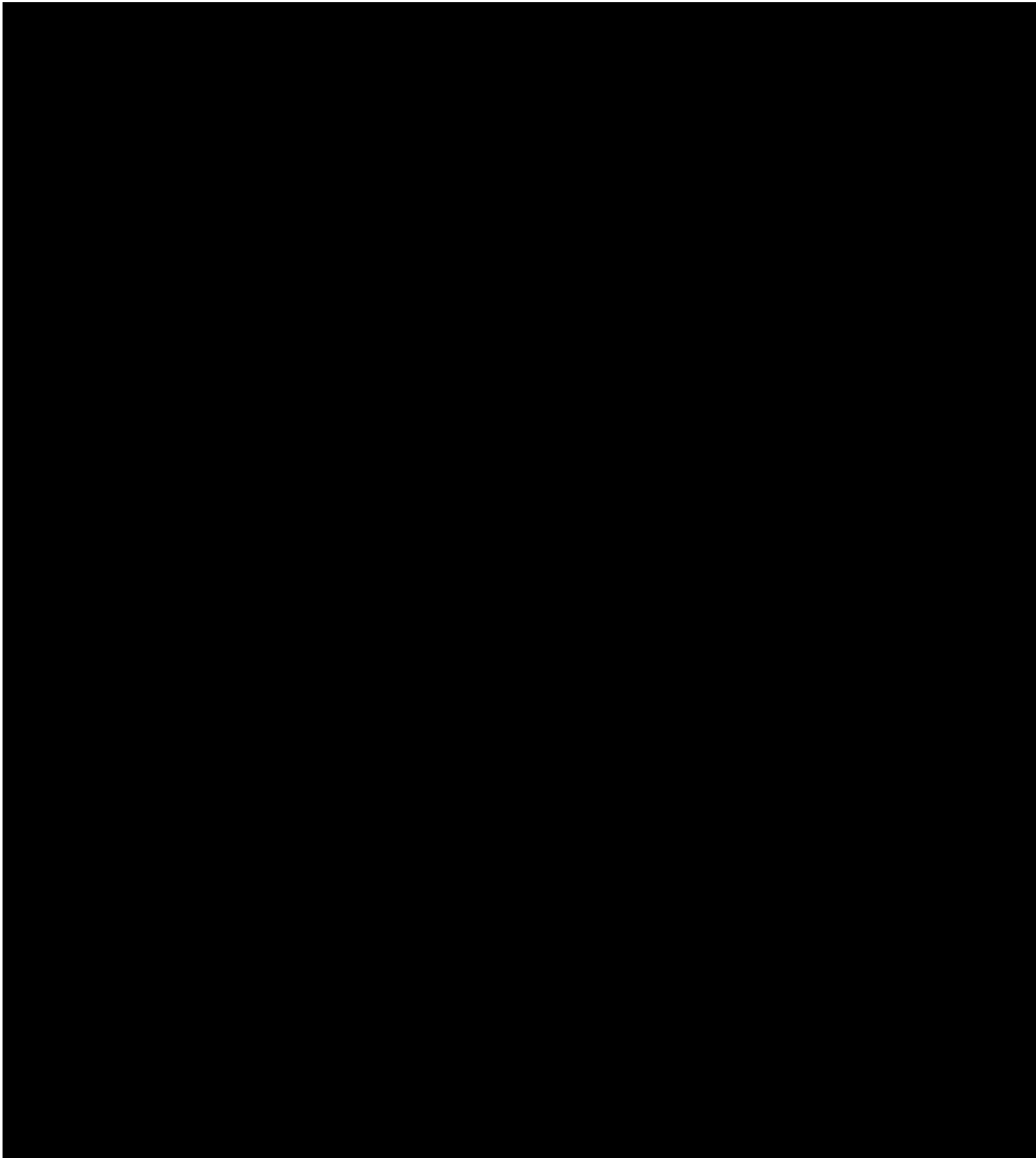


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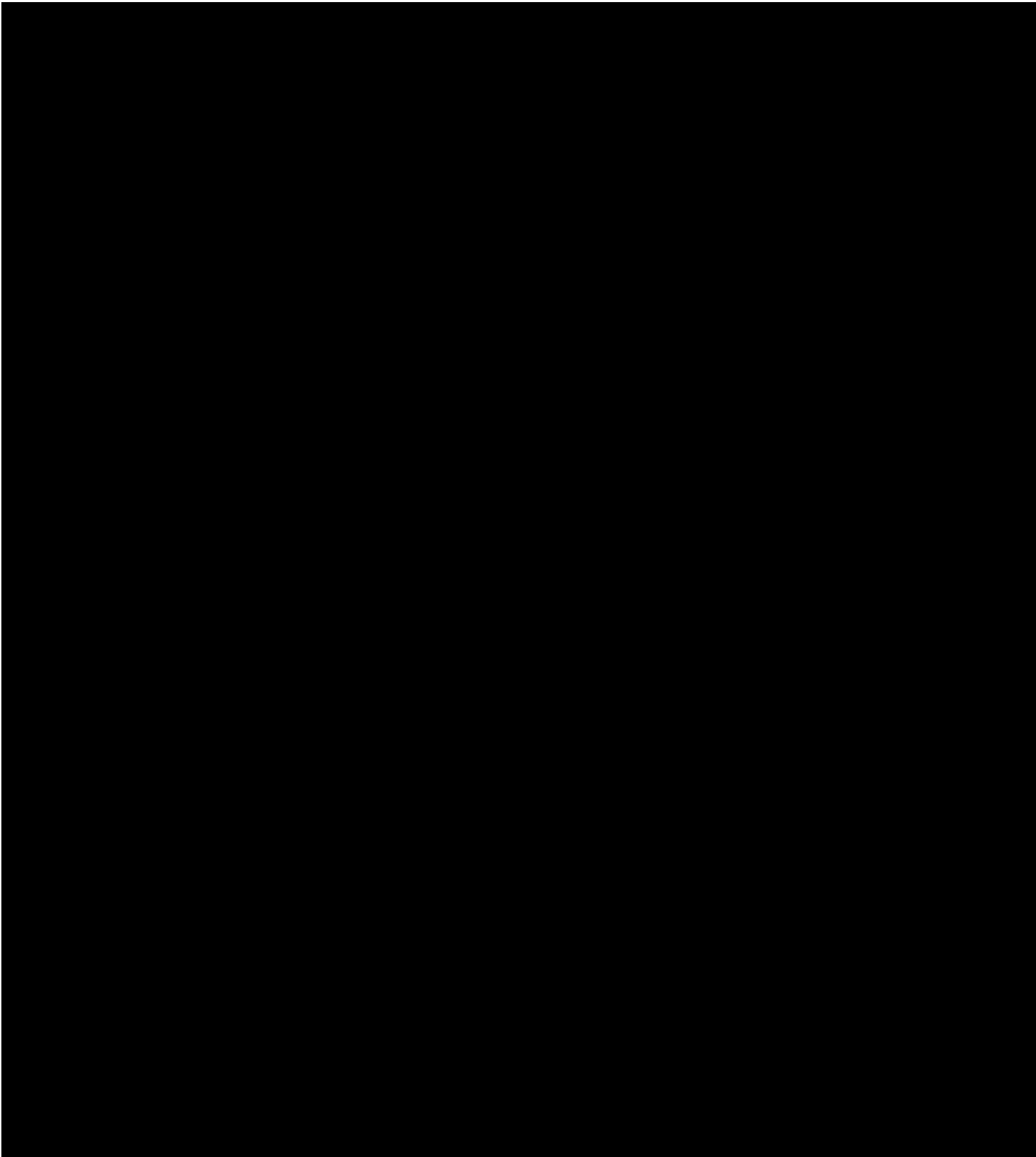


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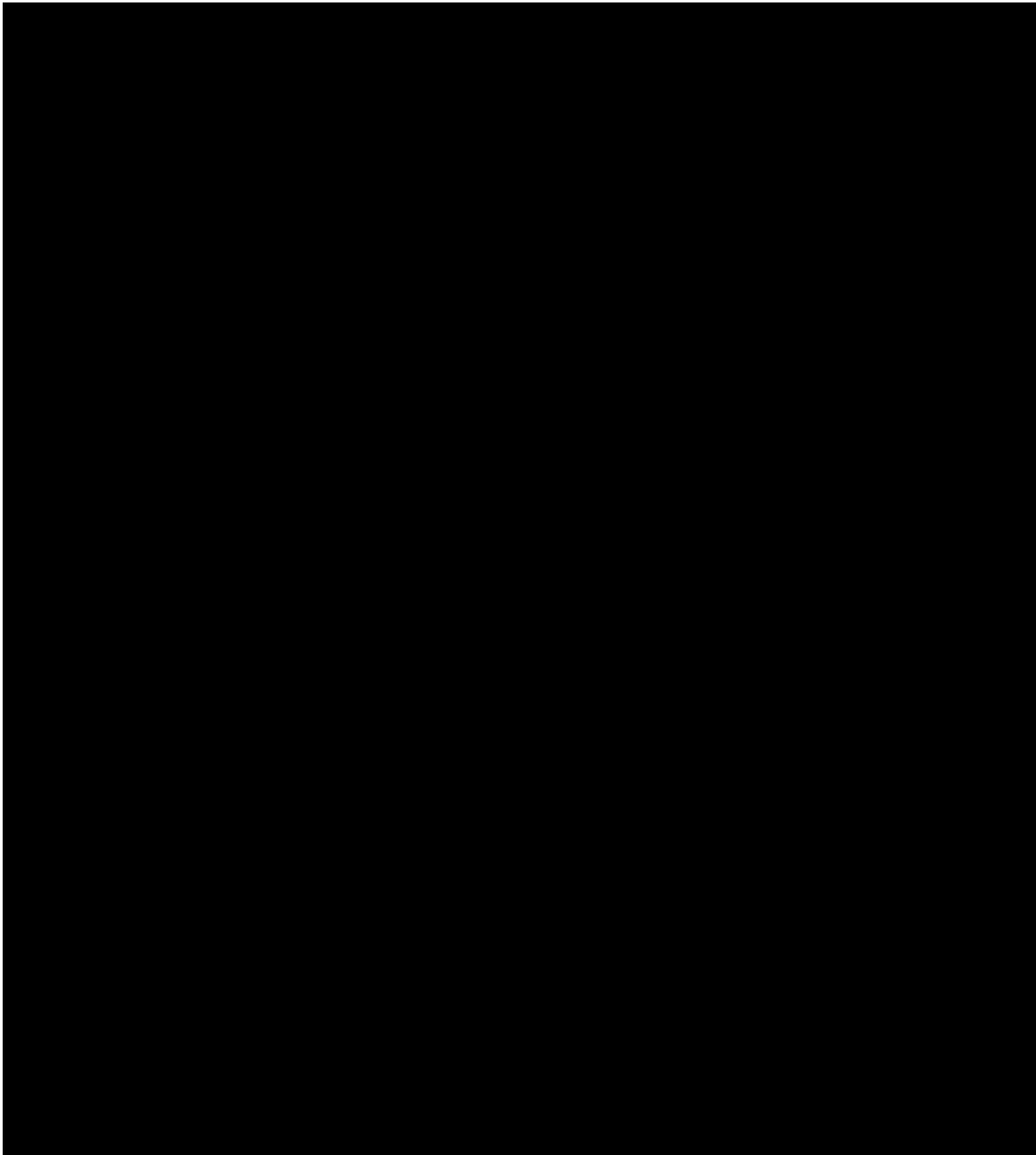


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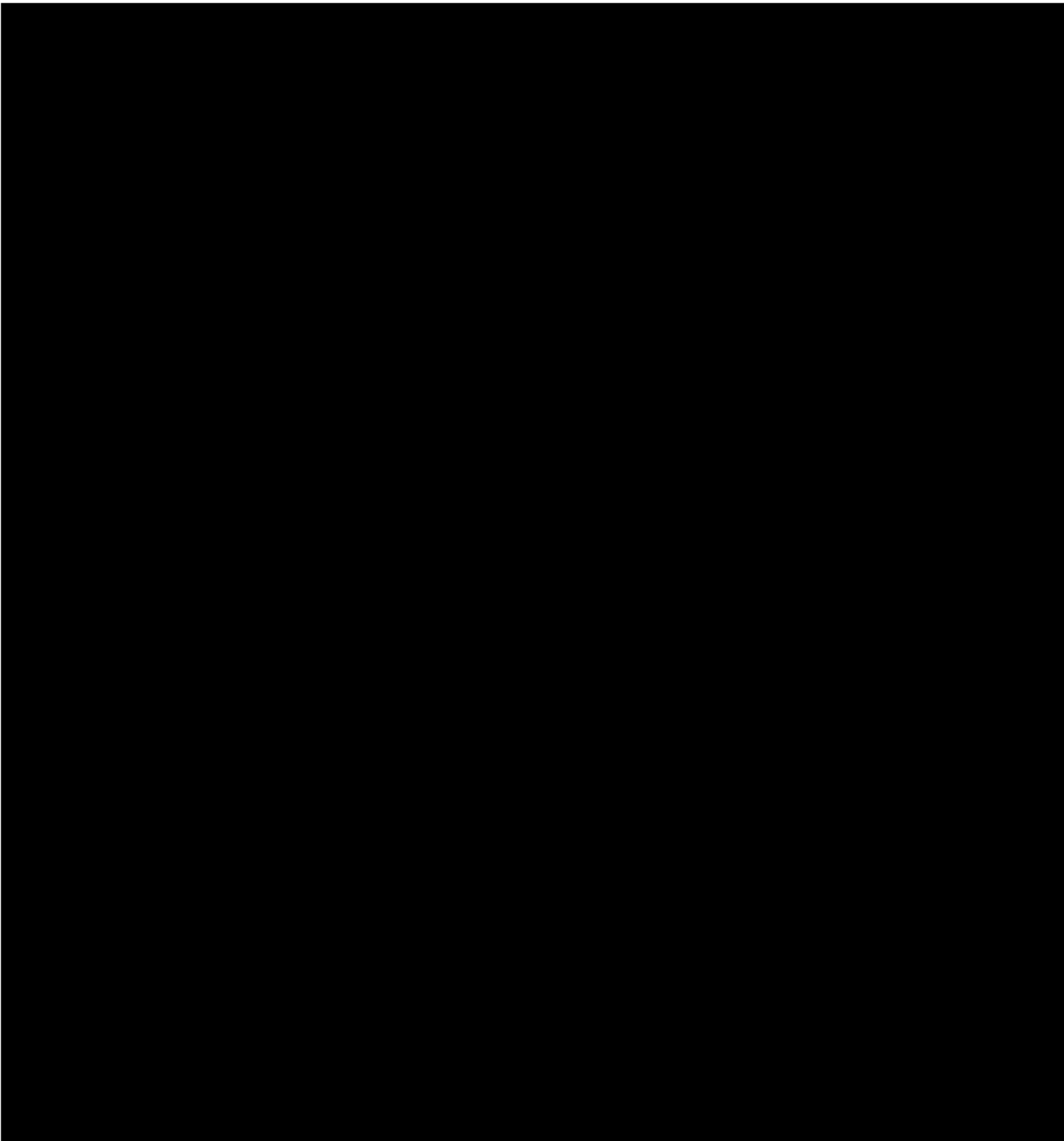


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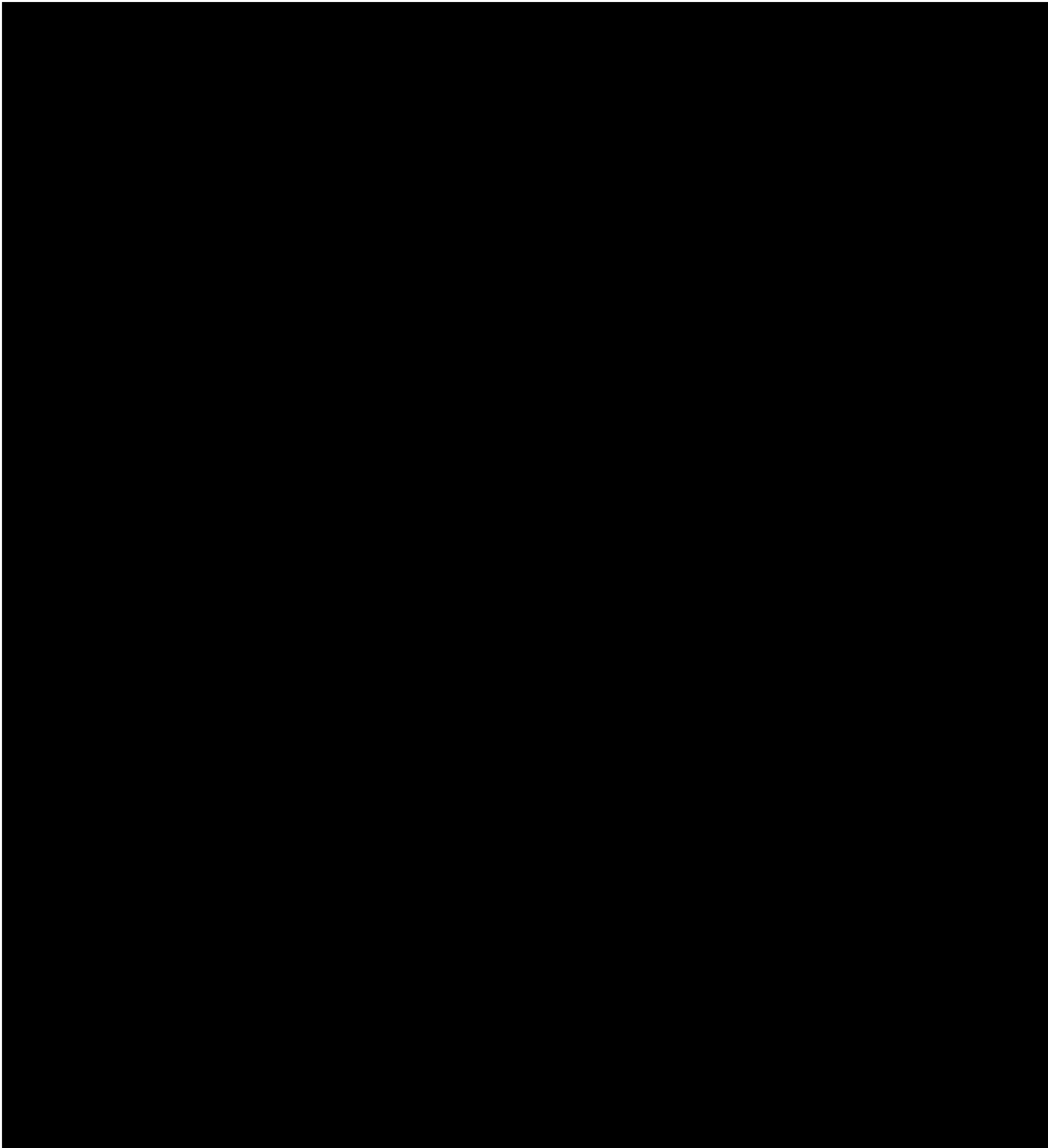


Attachment #4





Attachment #4





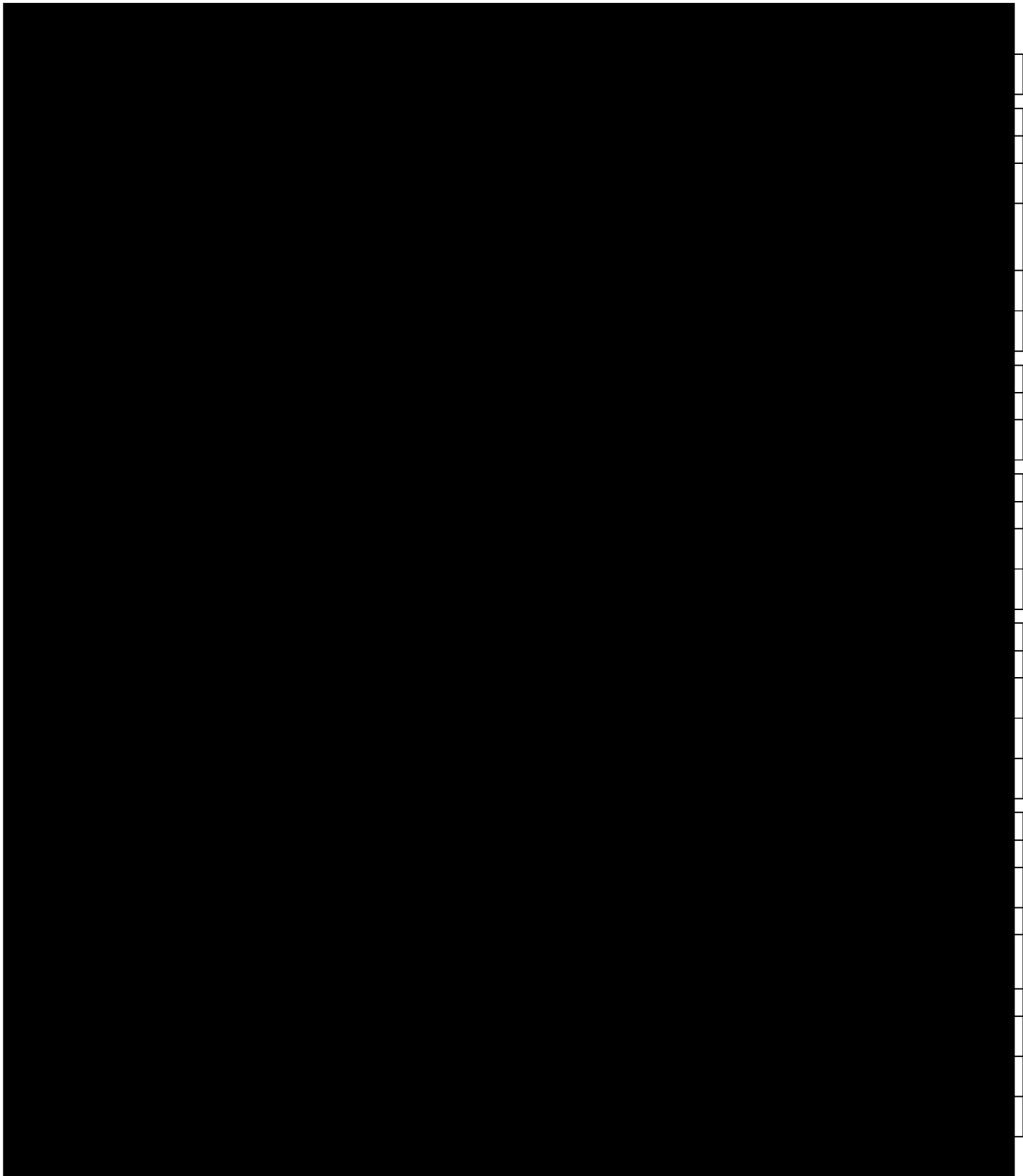
Antelope Operations Pre-Winter Checks *(cont.)*

ADDITIONAL COMMENTS:

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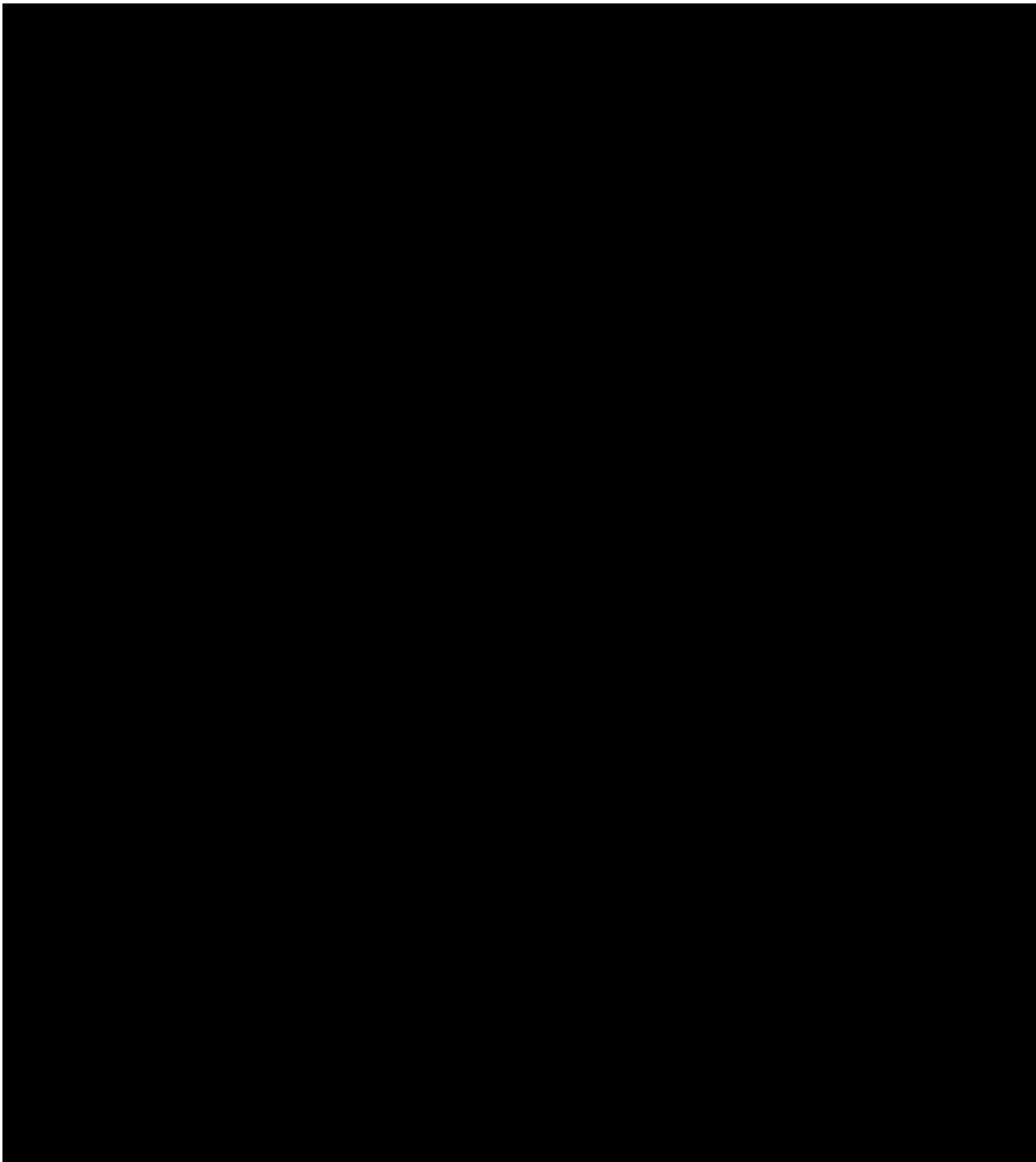


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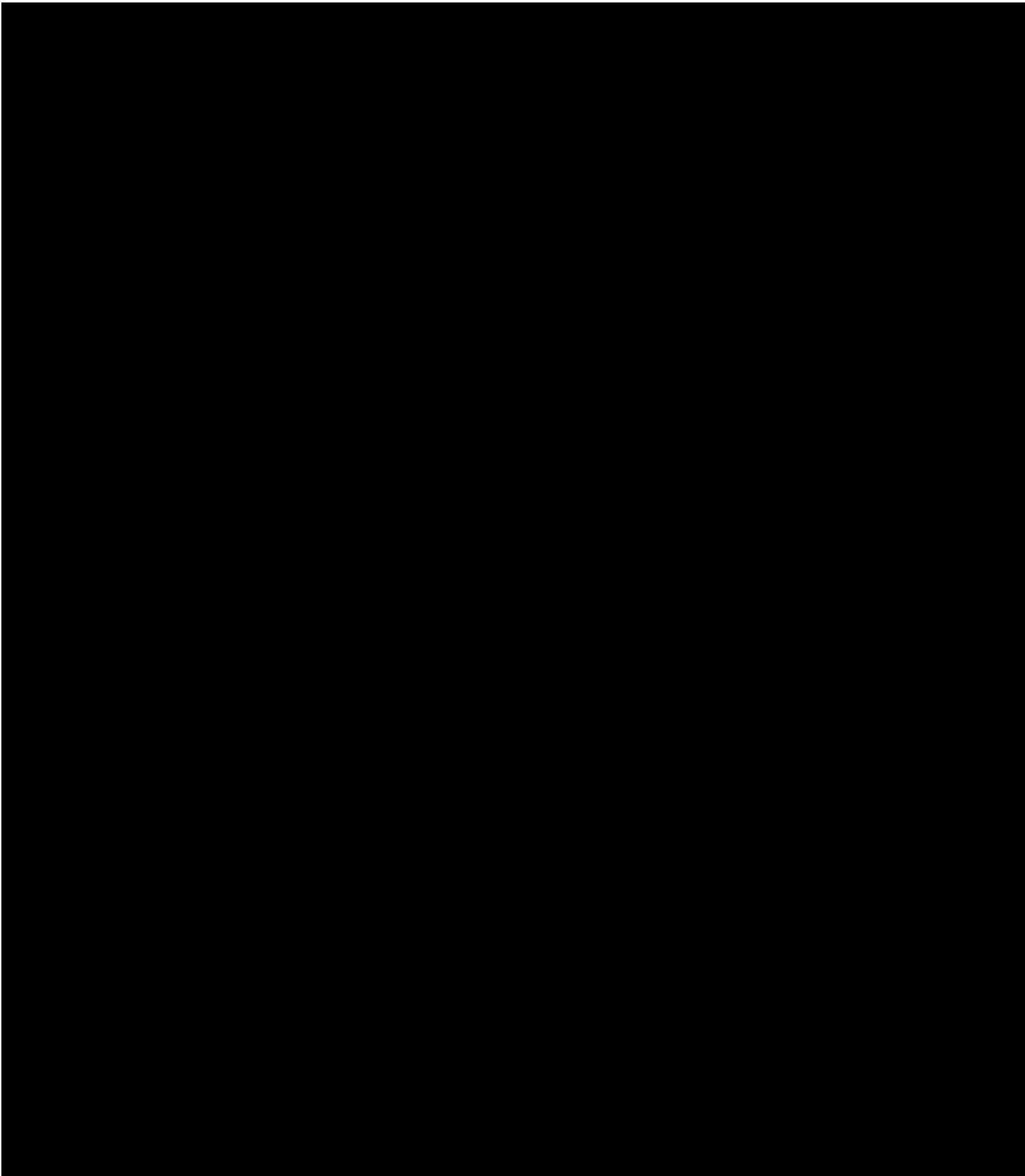


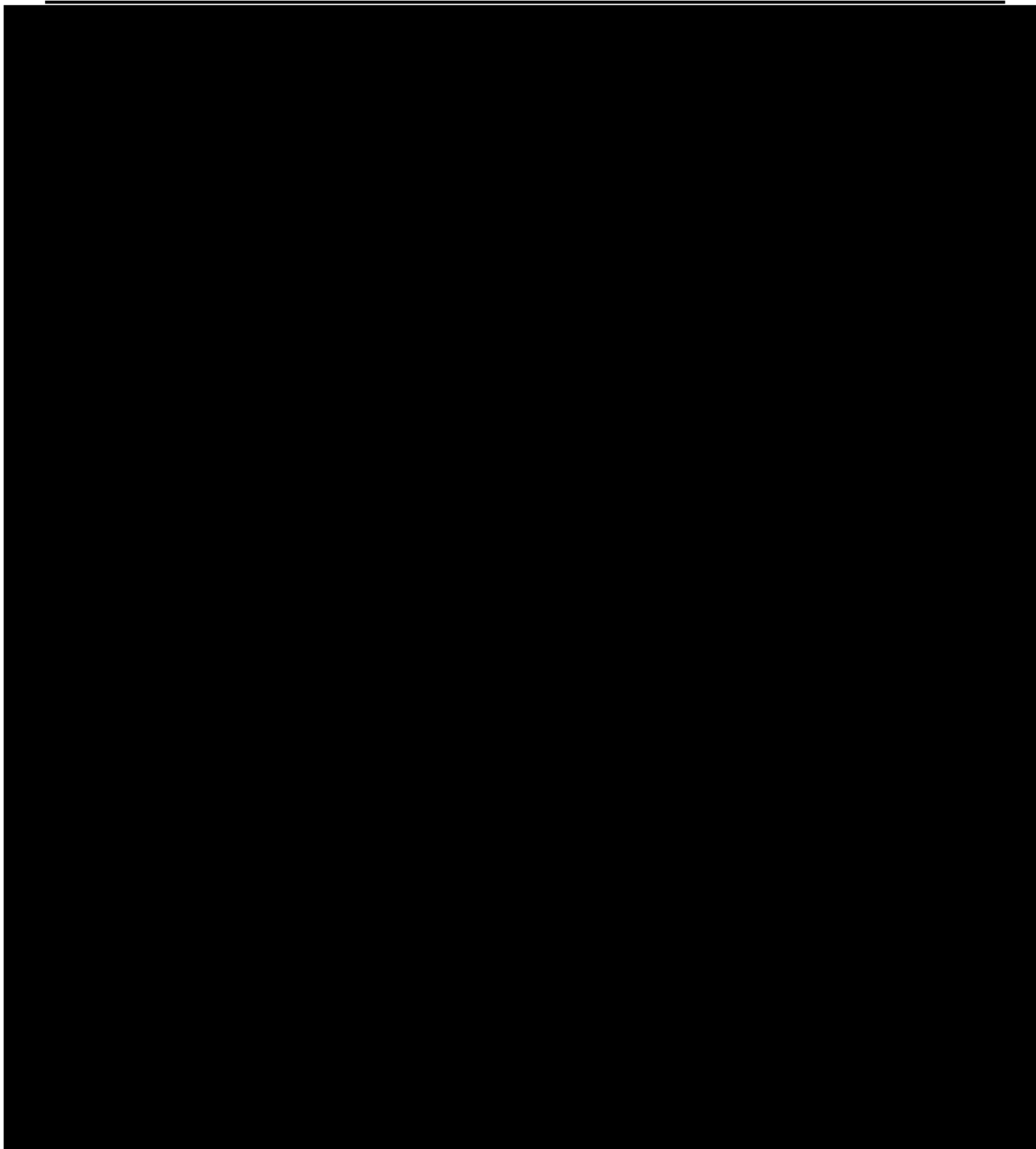
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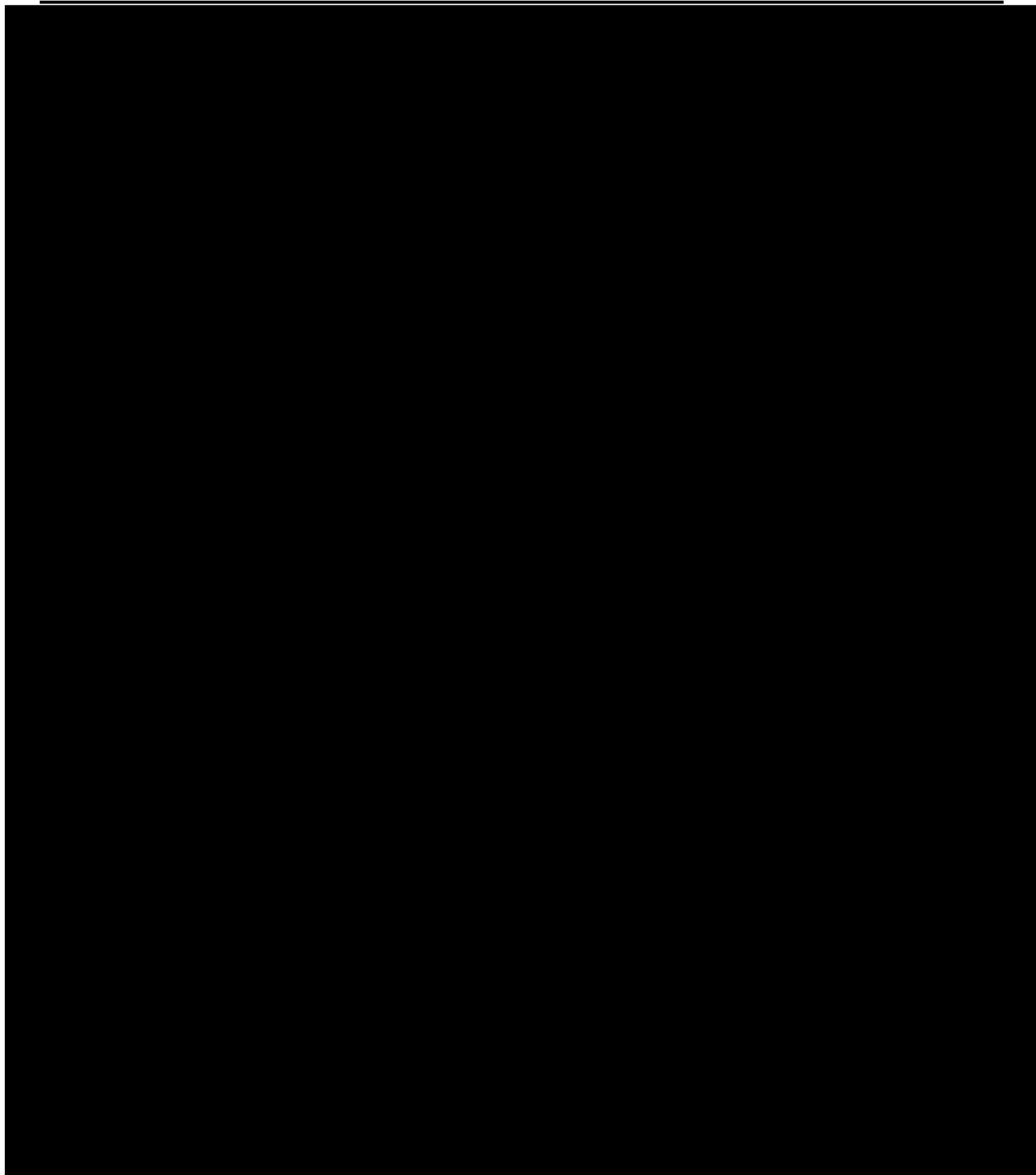
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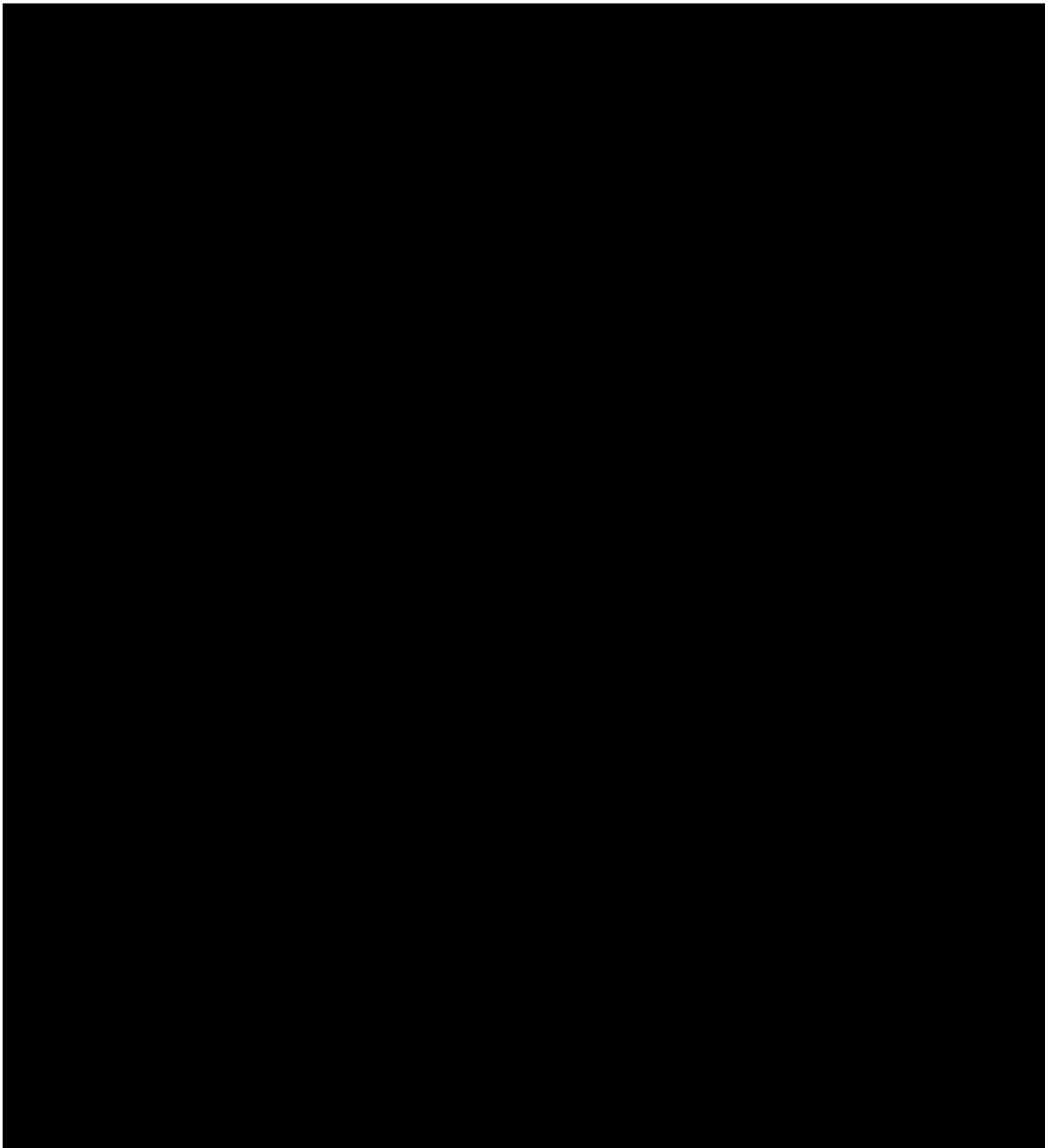


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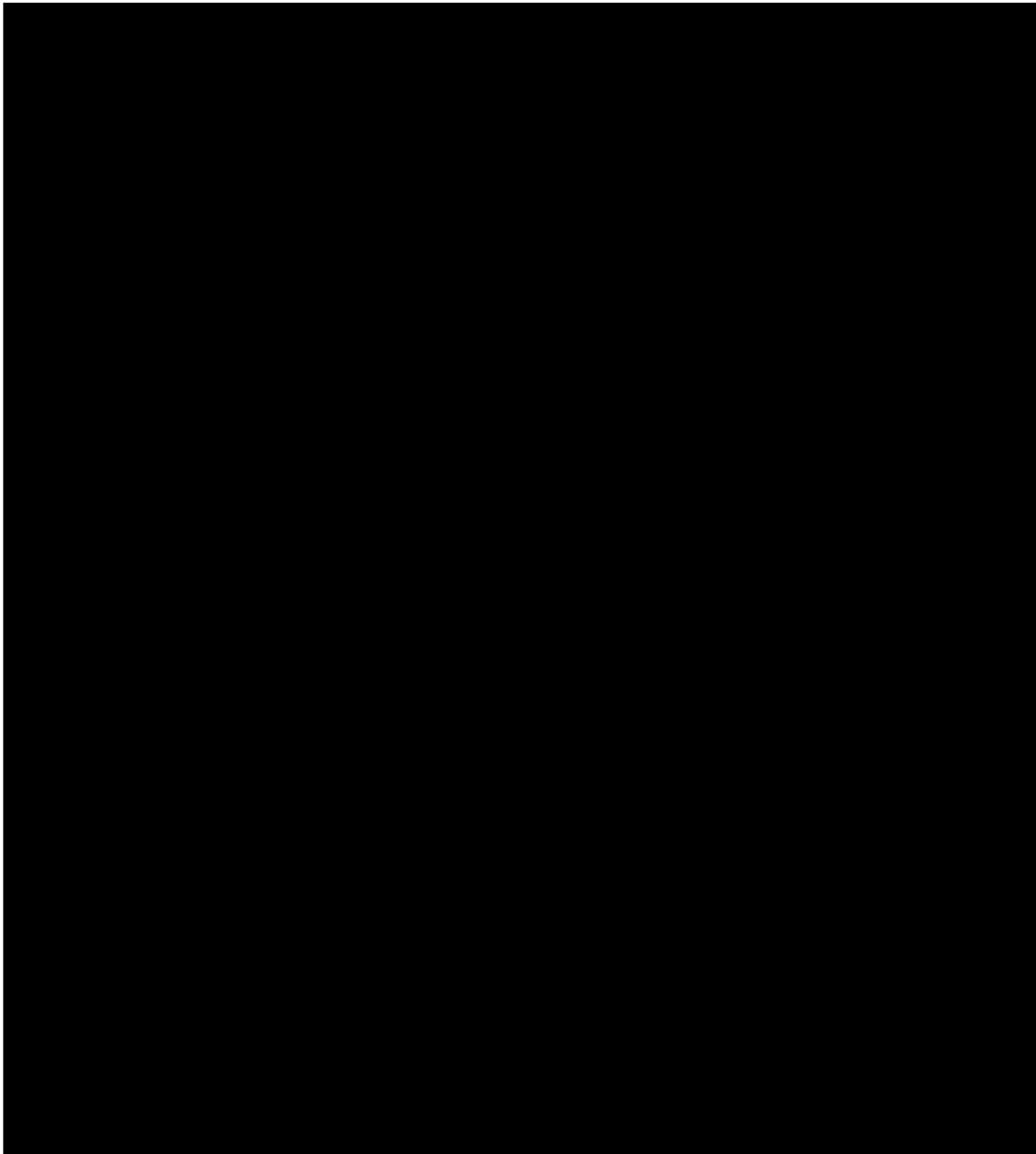


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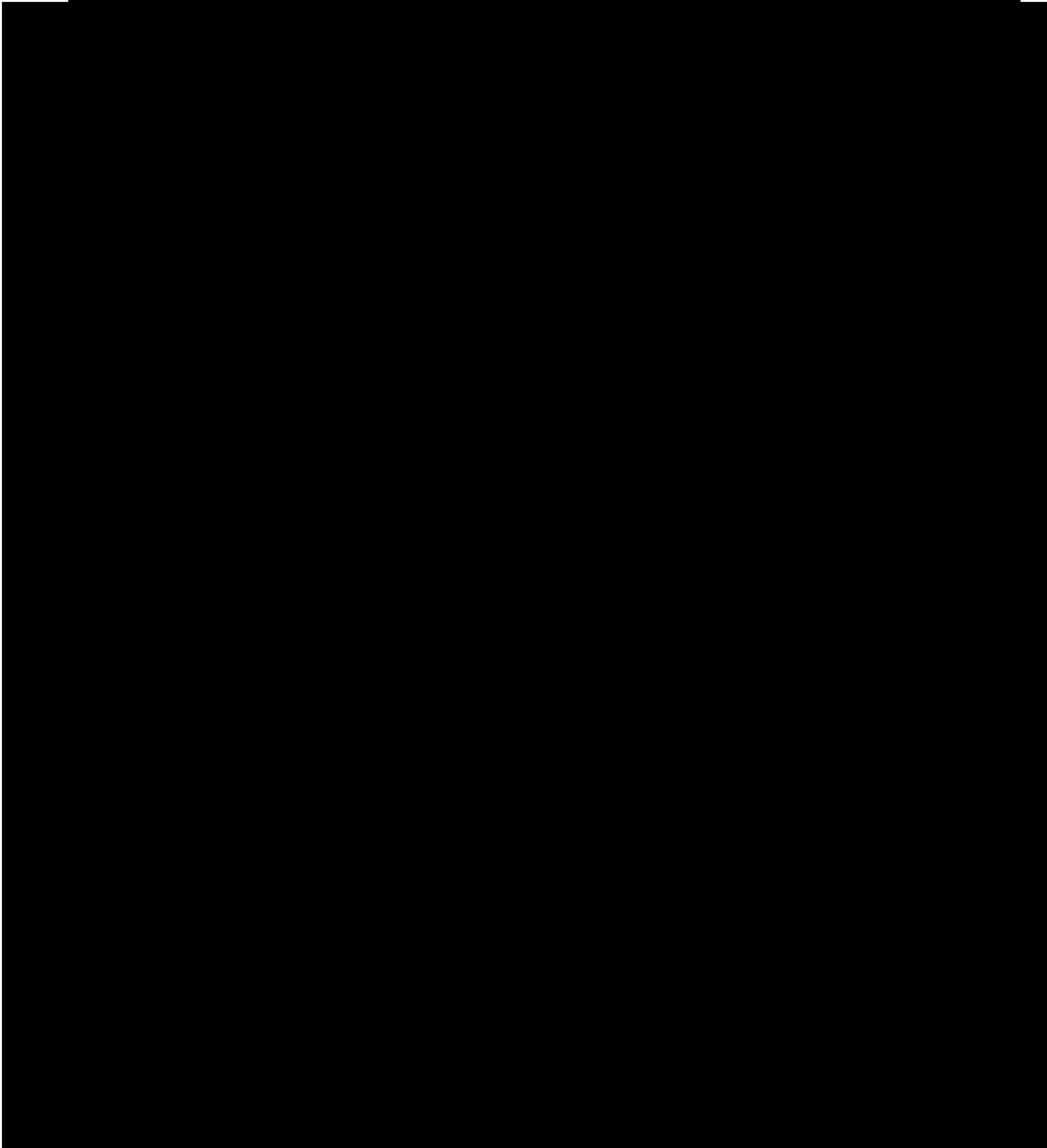


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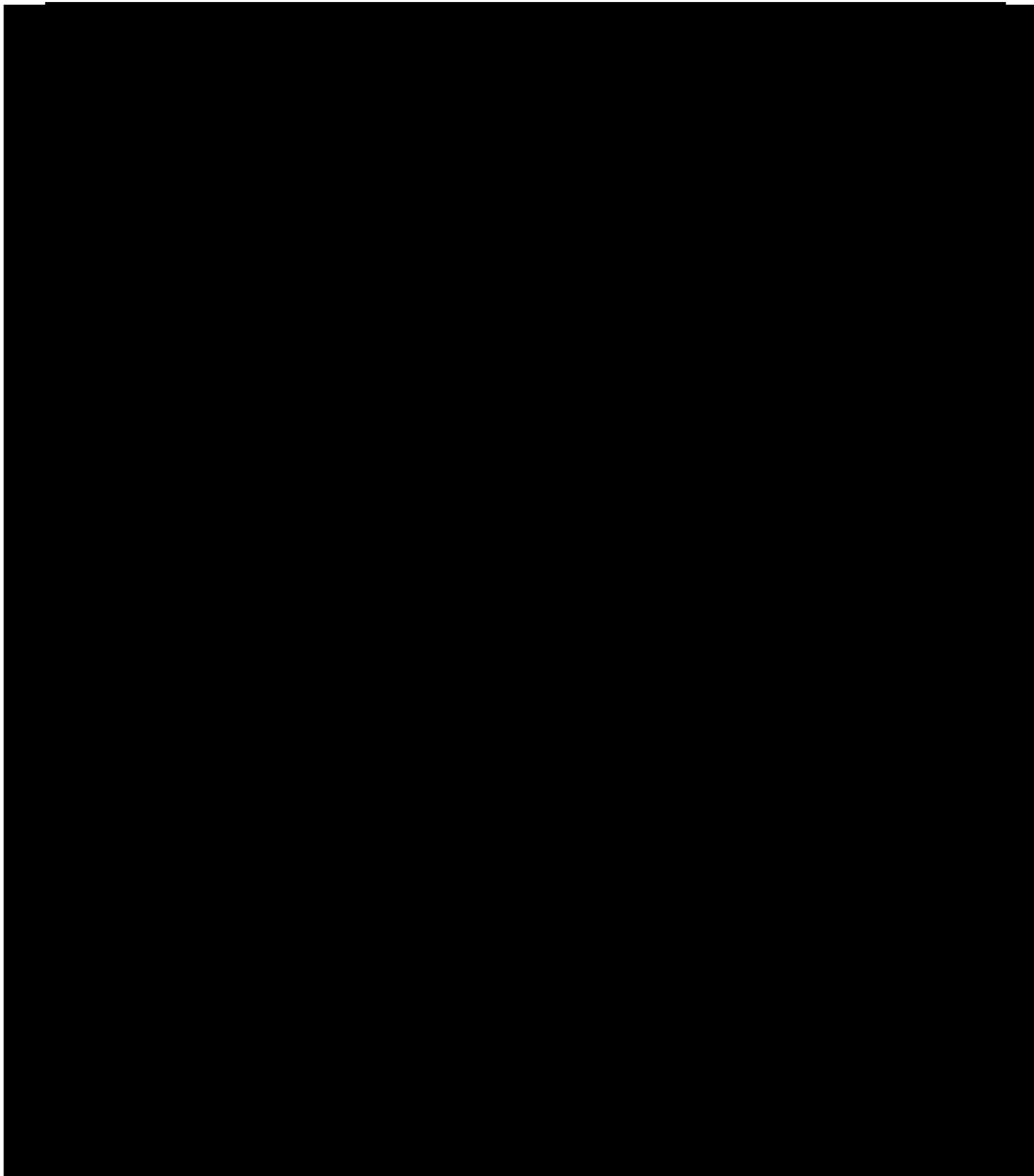


Attachment #5





Attachment #5





Attachment #6

