



Department  
for Environment  
Food & Rural Affairs

**Order Form – Contract for Research and Development Services**

**C26491 MAP-TCBZR: Mapping resistance loci and interrogating mechanisms of triclabendazole resistance in European isolates of *Fasciola hepatica***

<b>1. Purchase Order Number</b>	To be provided to the University of Liverpool by [REDACTED], Contract Manager, within 10 working days of the Contract being signed.
<b>2. Customer</b>	The Secretary of State for Environment, Food and Rural Affairs, acting as part of the Crown, 2 Marsham Street, London, SW1P 4DF
<b>3. Contractor(s)</b>	The University of Liverpool, The Foundation Building, 765 Brownlow Hill, Liverpool, L69 7ZX, RC000660
<b>4. Co-Funder(s)</b>	<ul style="list-style-type: none"><li>Federal Public Service Health, Food Chain Safety and Environment (FPS Health)</li><li>Department of Agriculture, Food and the Marine (DAFM)</li><li>Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies (TAGEM)</li><li>The Scientific and Technological Research Council of Turkey (TUBITAK)</li></ul>
<b>5. Defra Group Members</b>	The following Defra Group members will receive the benefit of the Deliverables: <ul style="list-style-type: none"><li>Defra's Animal Health and Welfare Directorate</li></ul>
<b>6. The Agreement</b>	<p>This Order is part of the Agreement and is subject to the terms and conditions appended at Appendix 1 and shall come into effect on the Start Date.</p> <p>Unless the context otherwise requires, capitalised expressions used in this Order have the same meanings as in the terms and conditions.</p> <p>The following documents are incorporated into the Agreement. If there is any conflict, the following order of precedence applies (in descending order):</p> <ul style="list-style-type: none"><li>a) this Order;</li><li>b) the terms and conditions at Appendix 1; and</li><li>c) the remaining Appendices (if any) in equal order of precedence.</li></ul>
<b>7. Deliverables</b>	<p><b>Goods: None</b></p> <p><b>Services are set out in Appendix 2 Research Project Proposal</b></p> <p>To be performed at: [REDACTED]</p> <p>Date(s) of Delivery: 1 October 2024 – 30 September 2027</p>
<b>8. Milestone Delays (Clause 18.2.10)</b>	Not applicable
<b>9. Start Date</b>	1 October 2024
<b>10. Expiry Date</b>	30 September 2027
<b>11. Extension Period (Clause 5.2)</b>	The agreement may be extended up to 1-year or modified by mutual written agreement of the signatories or their replacements at any time. The Customer and Contractor should seek agreement from international fundings partners by written correspondence.
<b>12. Charges</b>	The Charges for the Deliverables are £289,524.99 as set out in Appendix 2 - Research Project Proposal. The Charges are fixed for the duration of the Agreement.
<b>13. Payment including Payment by Co-funder(s)</b>	[REDACTED] [REDACTED] [REDACTED] [REDACTED]



21. Key Personnel of the Contractor	<table><tr><td>Key Personnel Role:</td><td>Key Personnel Name:</td><td>Contact Details:</td></tr><tr><td colspan="3"></td></tr></table>	Key Personnel Role:	Key Personnel Name:	Contact Details:			
Key Personnel Role:	Key Personnel Name:	Contact Details:					
22. Procedures and Policies	<p>For the purposes of the Agreement:</p> <p>The Customers research open access policy can be found at: <a href="#">Research at Defra: open access policy for publications - GOV.UK (www.gov.uk)</a></p> <p>The Customers sustainability policy can be found at: <a href="#">Procurement at Defra - Department for Environment, Food &amp; Rural Affairs - GOV.UK (www.gov.uk)</a></p> <p>The Customers equality and diversity policy can be found at: <a href="#">Equality and diversity - Department for Environment, Food &amp; Rural Affairs - GOV.UK (www.gov.uk)</a></p>						
23. Commercial Exploitation (Clause 11)							
24. Special Terms	None						
25. Additional Insurance	Not applicable						
26. Further Protection Provisions	<p><b>Data</b></p> <p>The further data protection provisions as contained at Annex 1 of the Terms and Conditions are applicable to this Agreement where indicated below:</p> <p>Yes: <input type="checkbox"/></p> <p>No: <input checked="" type="checkbox"/></p>						

## **Appendix 1: R&D Terms and Conditions**

The terms and conditions applicable to this requirement can be found at: [Defra Research and development terms and conditions](#)

# Appendix 2 - Research Project Proposal Form (EVID 2)



Department  
for Environment  
Food & Rural Affairs

**Section 1 – Overview** (see Note a)

Complete the following information:

1.1 a) Defra project code or  
competition reference

ICRAD ERA  
NET third  
call

b) Project title (as in  
specification)

MAP-TCBZR: Mapping resistance loci and interrogating  
mechanisms of  
triclabendazole resistance in European isolates of *Fasciola  
hepatica*

1.5 a) Proposed start  
date\*

1<sup>st</sup> October 2024

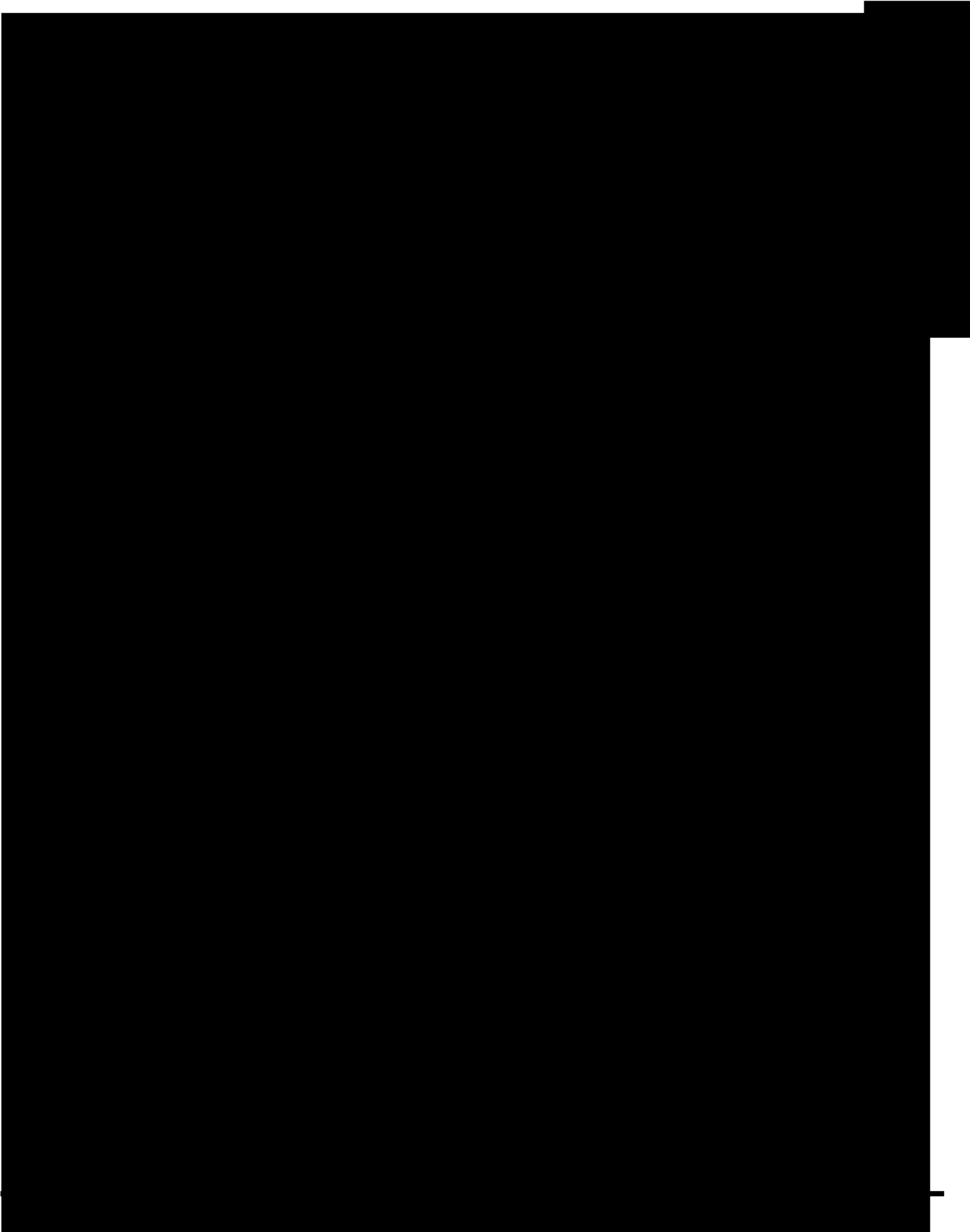
b) Proposed end  
date\*

September 30<sup>th</sup> 2027



c) Proposed  
duration

36 months



[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]



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1. The first part of the document discusses the importance of maintaining accurate records of all transactions, including sales, purchases, and expenses. It emphasizes that proper record-keeping is essential for determining the correct amount of tax liability.

2. The second part of the document outlines the various methods used to calculate taxable income, including the use of the cost of goods sold (COGS) and the gross profit method. It also discusses the treatment of depreciation and amortization expenses.

3. The third part of the document addresses the calculation of the tax liability, taking into account the applicable tax rates and any available tax credits or deductions. It also discusses the importance of timely payment of taxes to avoid penalties and interest.

4. The fourth part of the document discusses the various methods used to collect taxes, including the use of the installment method and the cash method. It also discusses the importance of maintaining accurate records of all payments made.

5. The fifth part of the document discusses the various methods used to determine the correct amount of tax liability, including the use of the cost of goods sold (COGS) and the gross profit method. It also discusses the treatment of depreciation and amortization expenses.

6. The sixth part of the document discusses the calculation of the tax liability, taking into account the applicable tax rates and any available tax credits or deductions. It also discusses the importance of timely payment of taxes to avoid penalties and interest.

7. The seventh part of the document discusses the various methods used to collect taxes, including the use of the installment method and the cash method. It also discusses the importance of maintaining accurate records of all payments made.

8. The eighth part of the document discusses the various methods used to determine the correct amount of tax liability, including the use of the cost of goods sold (COGS) and the gross profit method. It also discusses the treatment of depreciation and amortization expenses.

9. The ninth part of the document discusses the calculation of the tax liability, taking into account the applicable tax rates and any available tax credits or deductions. It also discusses the importance of timely payment of taxes to avoid penalties and interest.

10. The tenth part of the document discusses the various methods used to collect taxes, including the use of the installment method and the cash method. It also discusses the importance of maintaining accurate records of all payments made.

████████████████████

[REDACTED]

[REDACTED]

[REDACTED]

██████████

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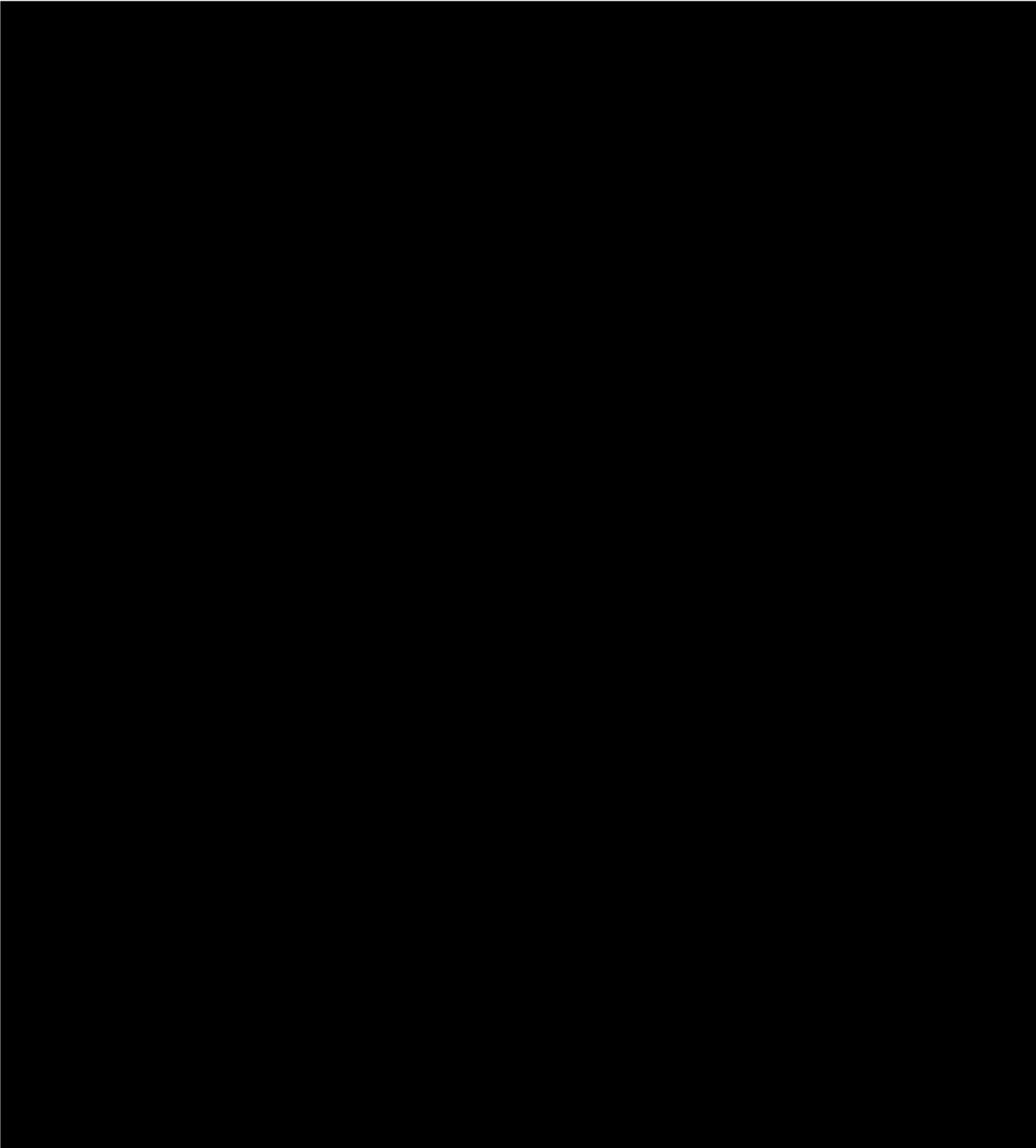
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[REDACTED] section on  
participating farms in selected high infection regions in Ireland, UK, Turkey, and Belgium.



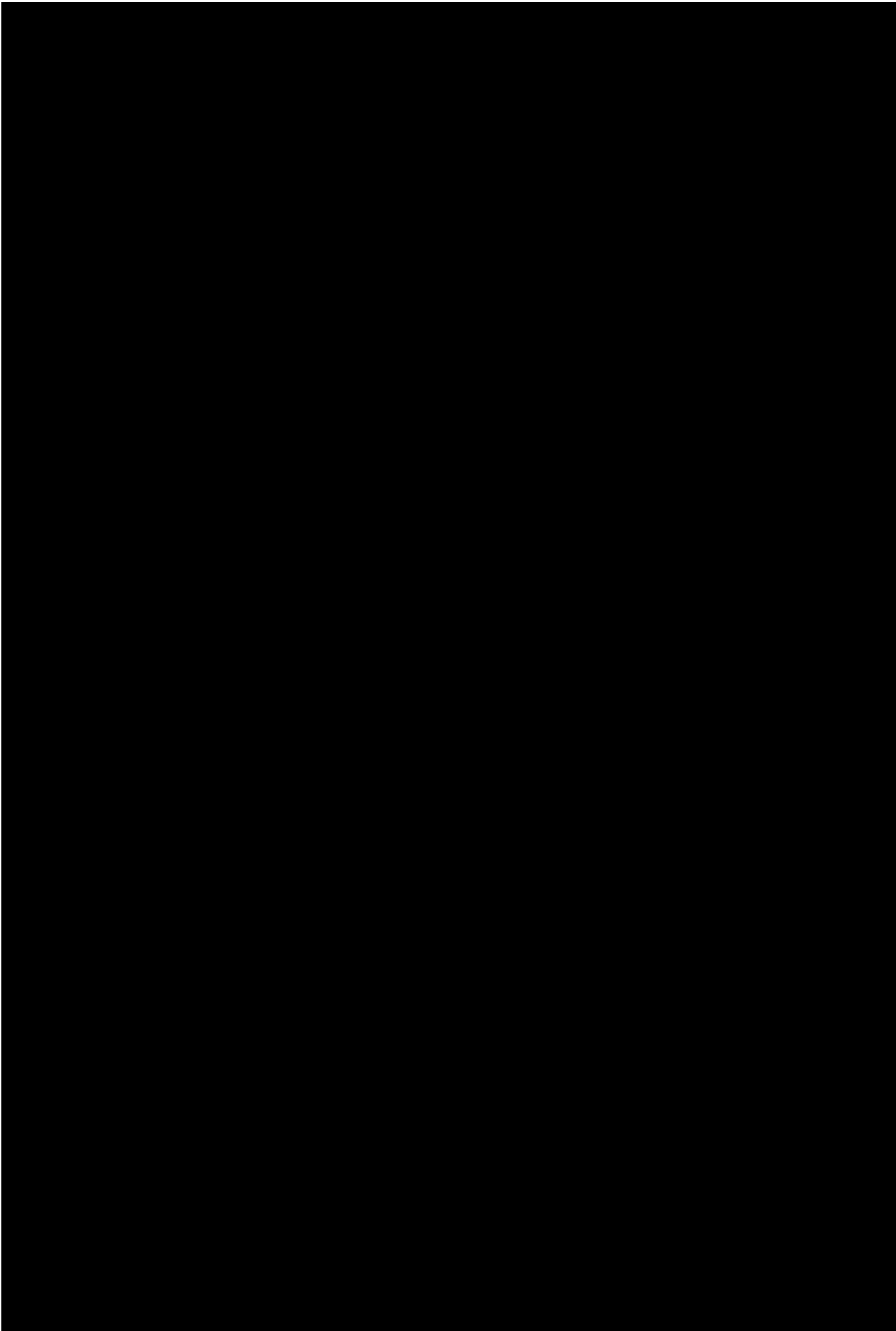


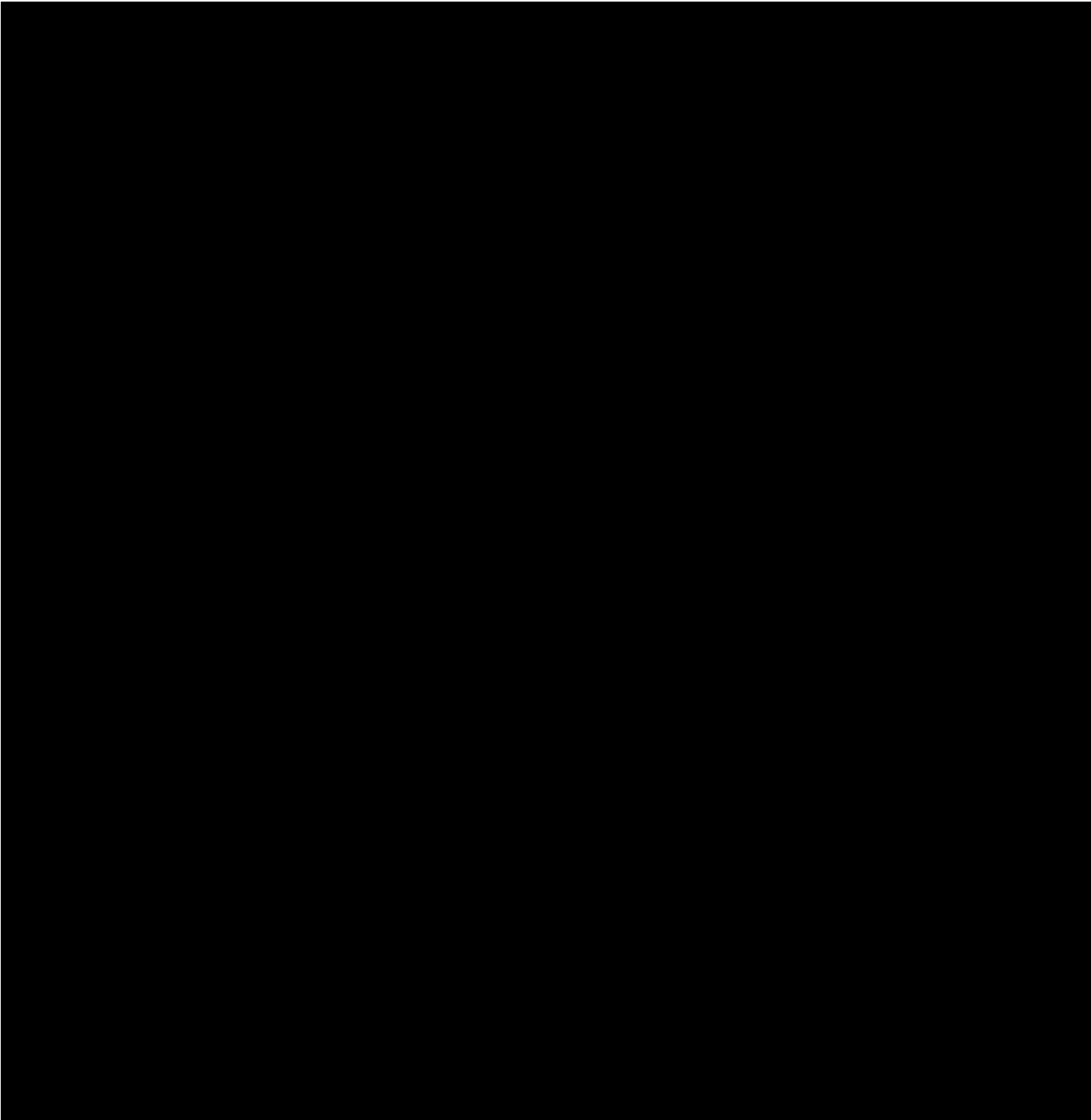
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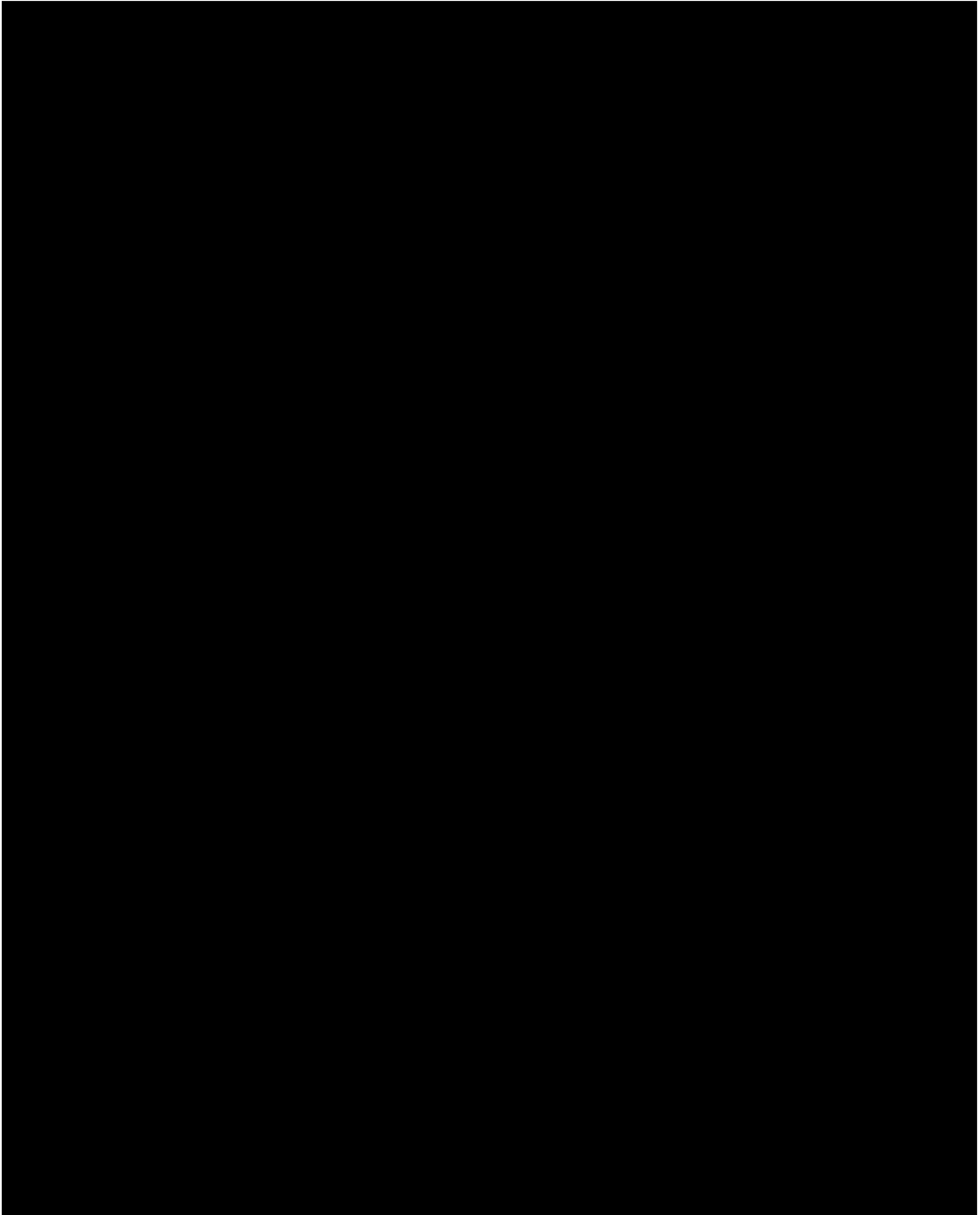
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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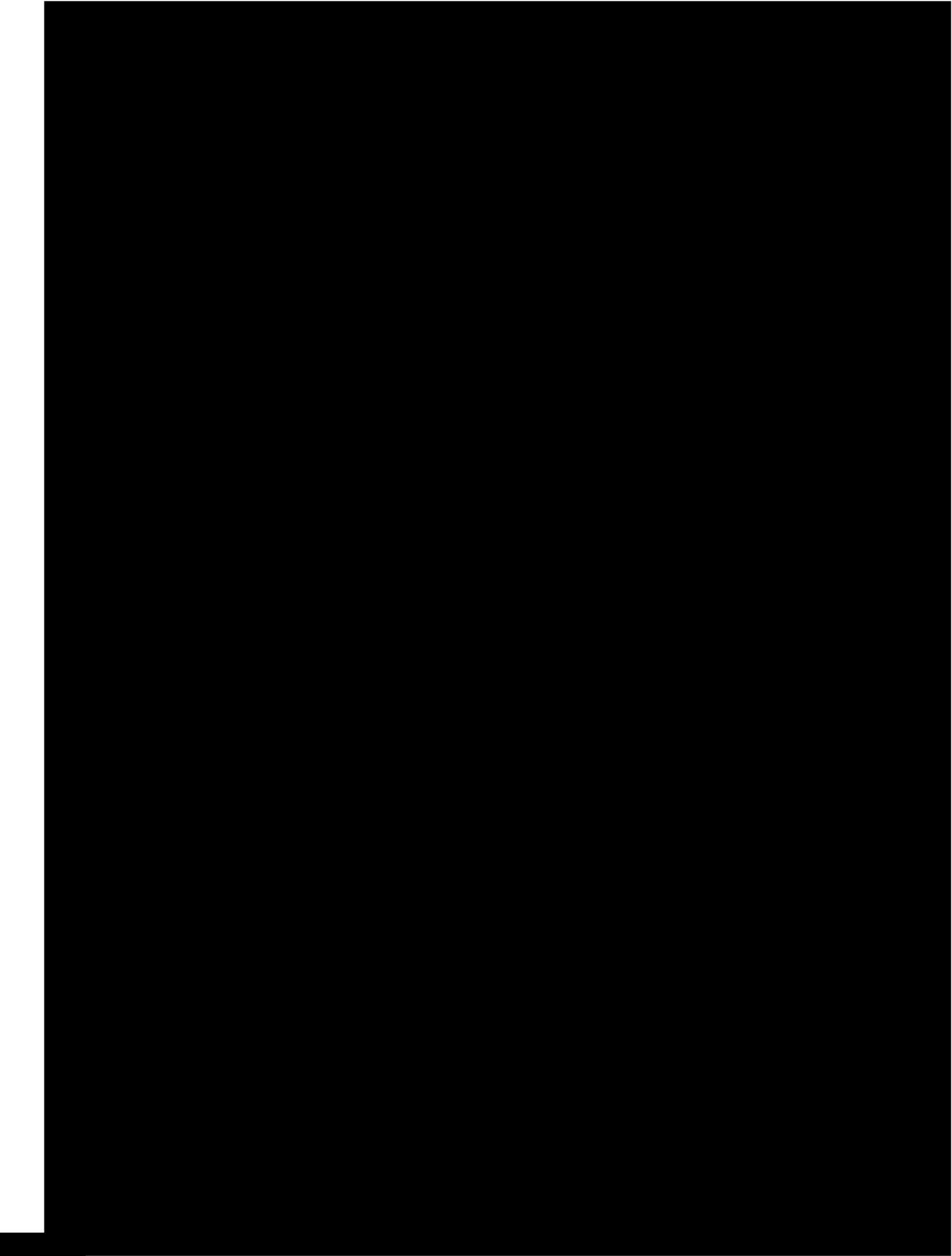


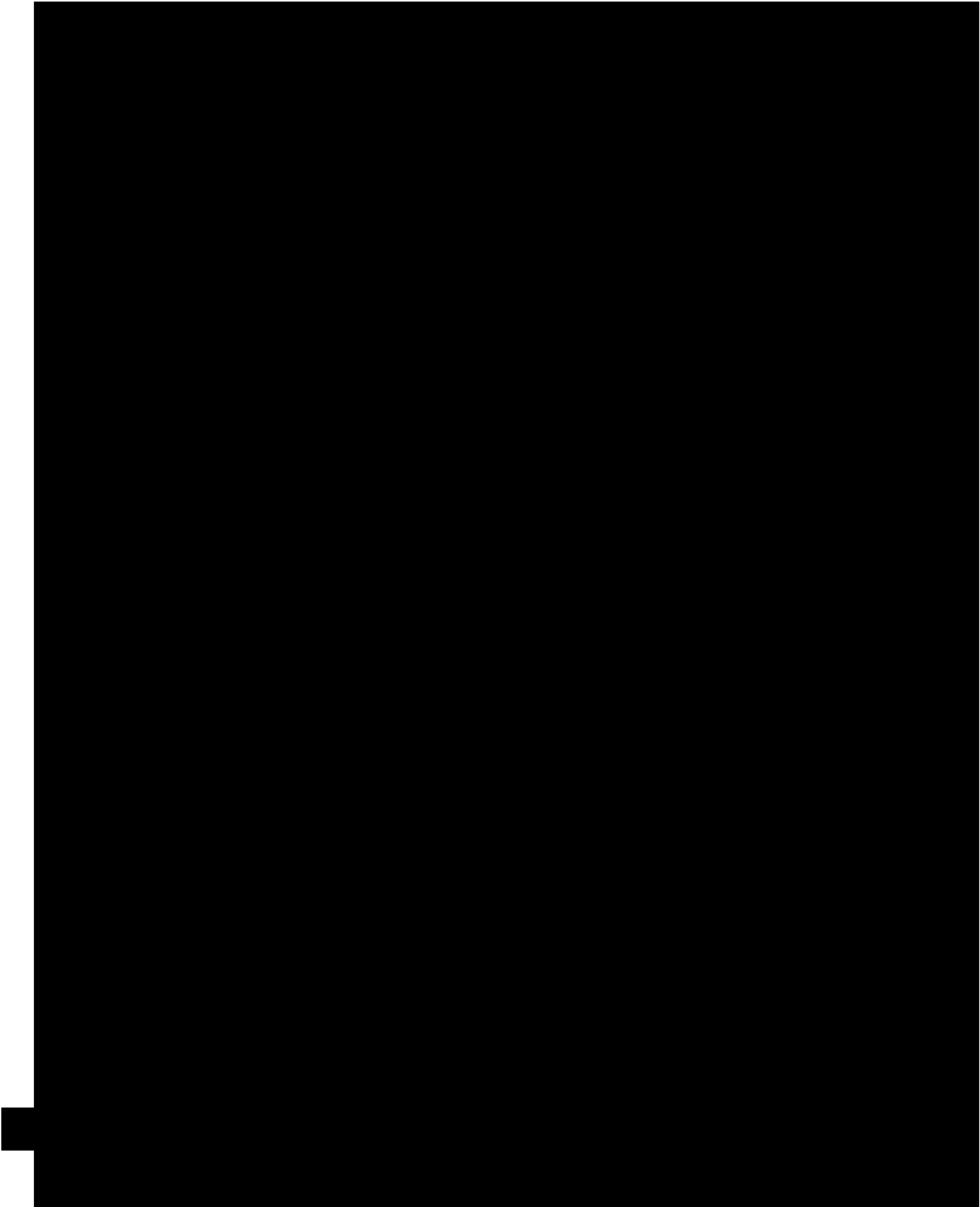
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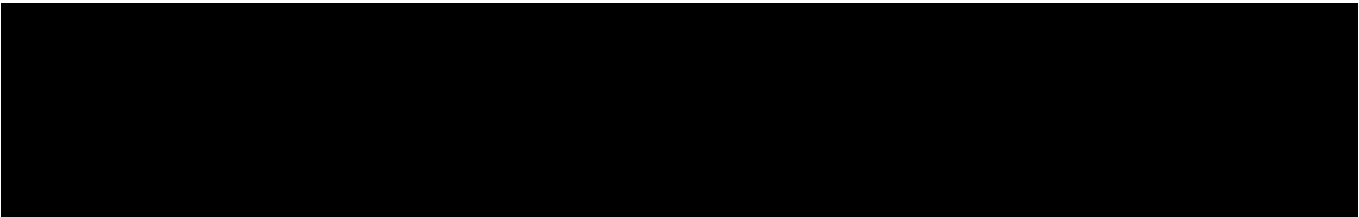
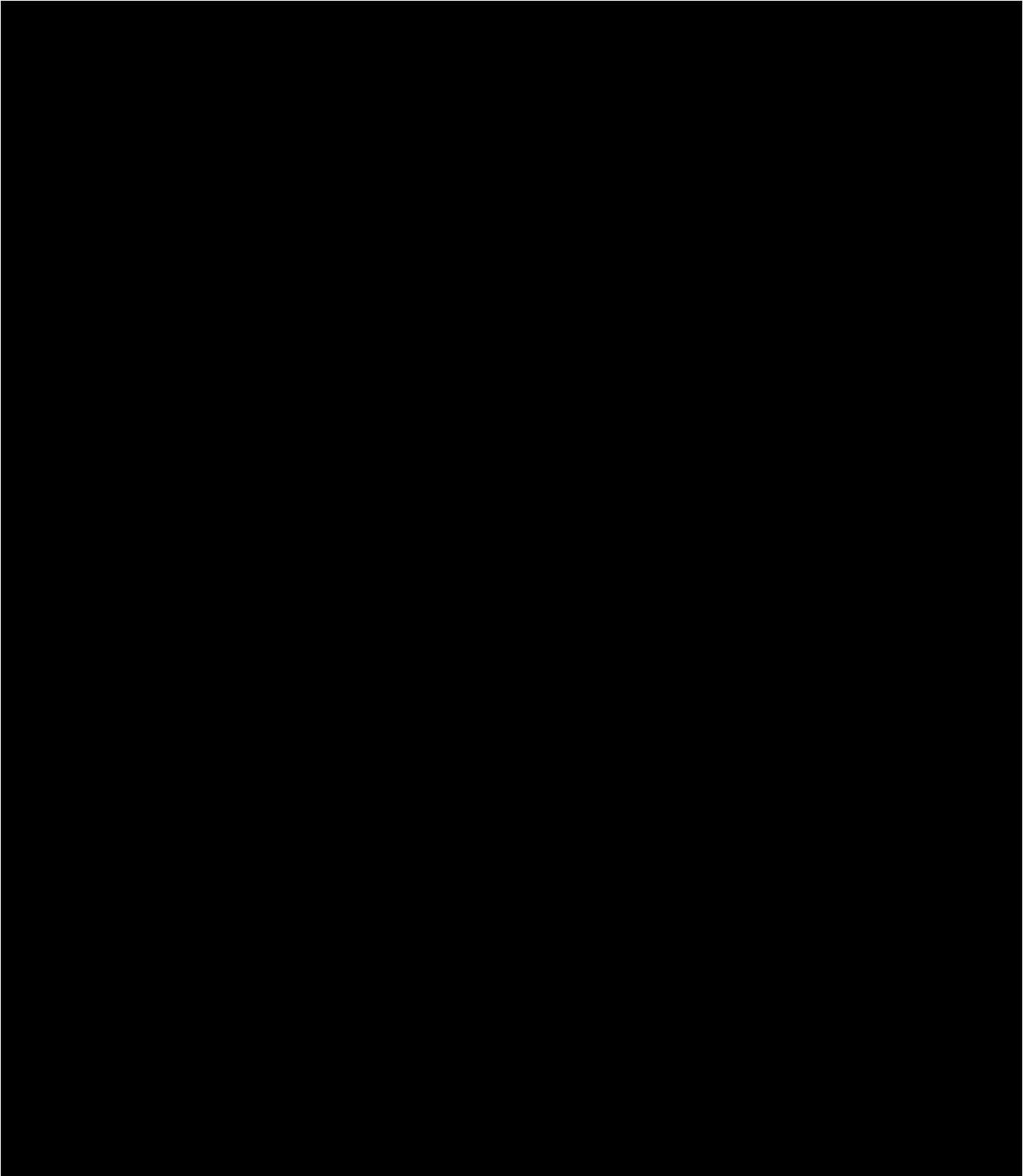
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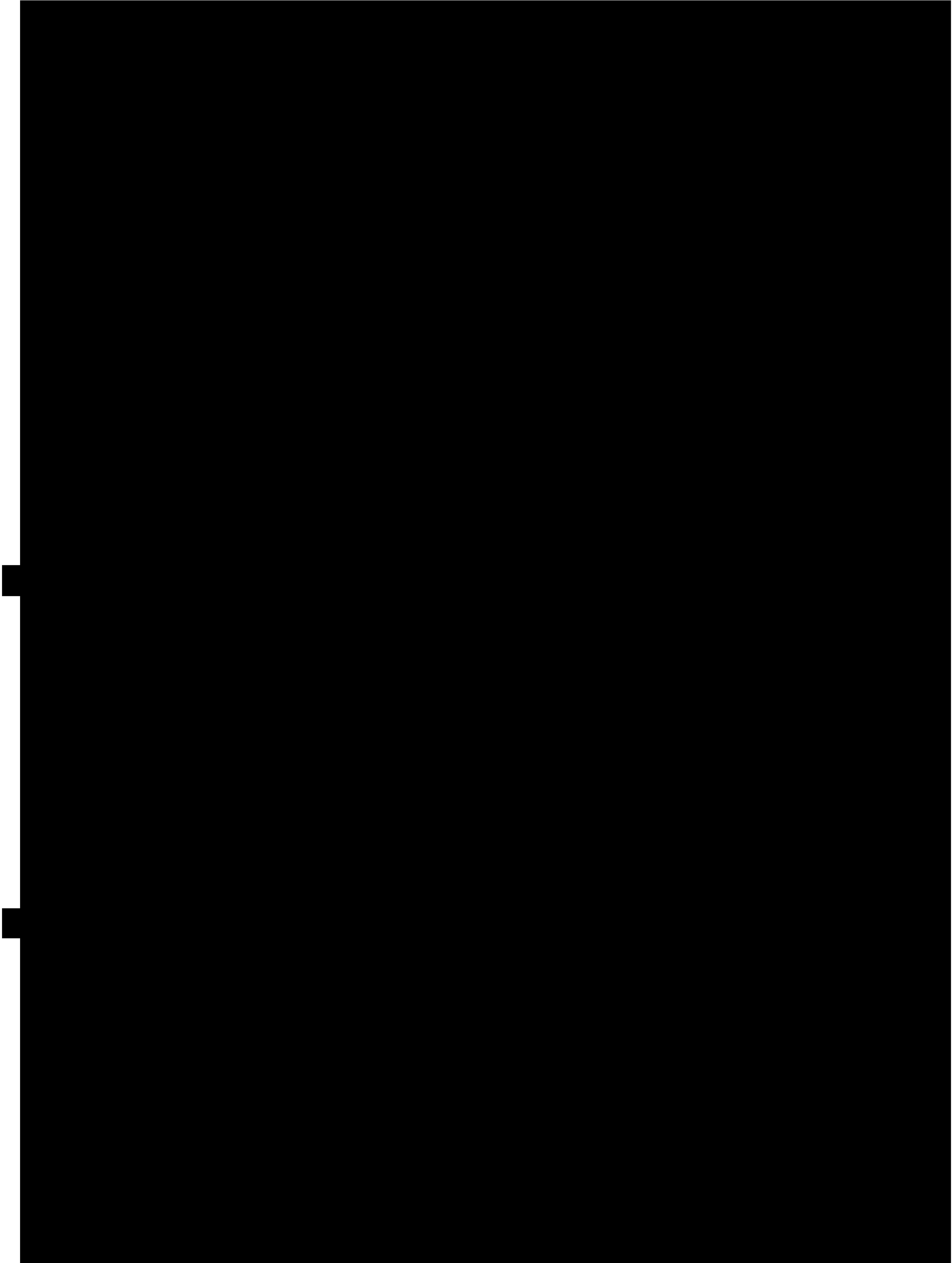


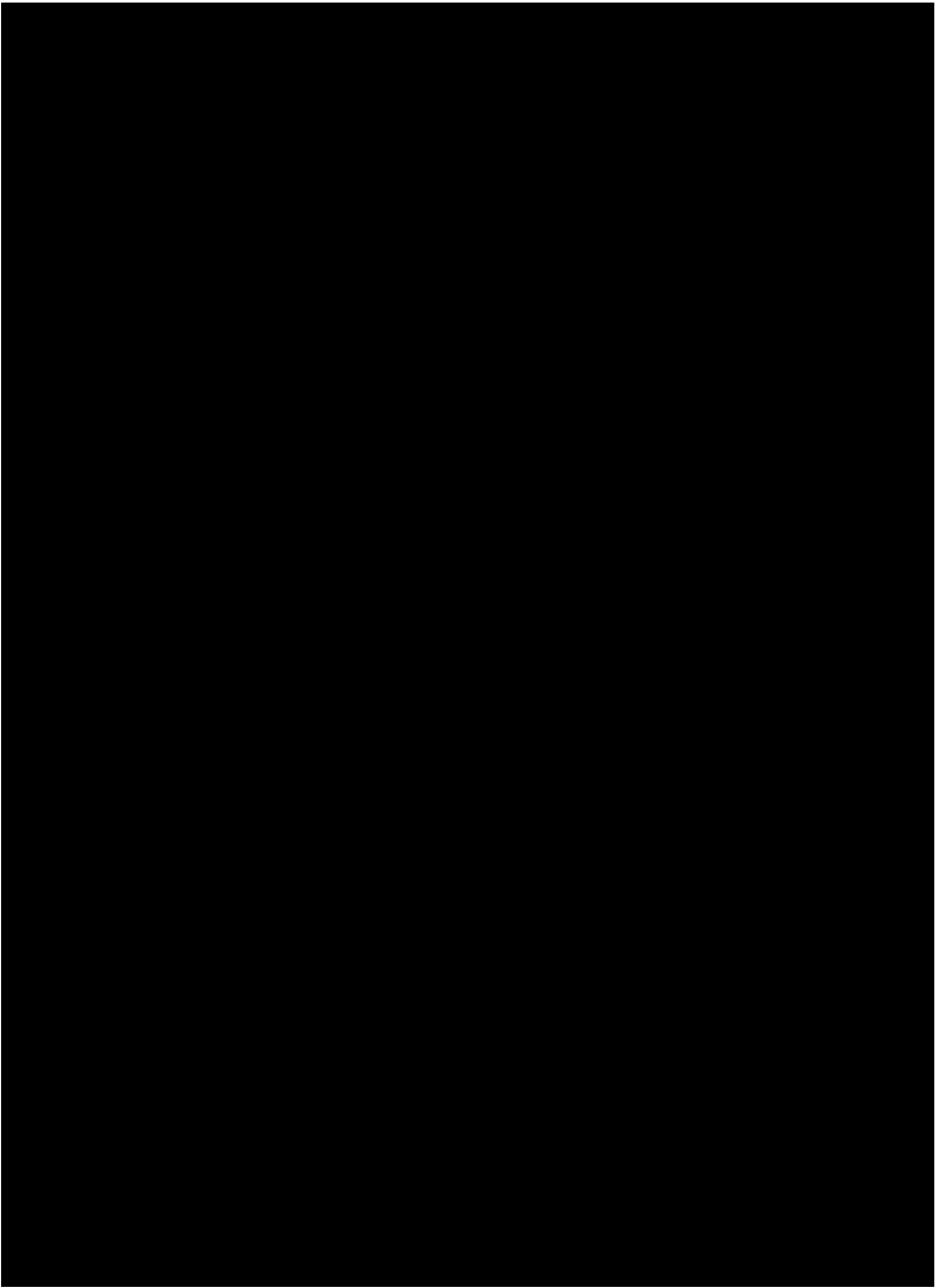












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