Section B: Community Solar Energy Project Description

Project Name: Mount Laurel Solar LLC

*This name will be used to reference the project in correspondence with the Applicant.

I. Applicant Contact Information

Applicant Company/Entity Name: Mount Laurel Solar LLC
First Name: Rafael Last Name: Dobrzynski
Daytime Phone: (401) 601-1919 Email: programs@dimension-energy.com
Applicant Mailing Address: 1 High Street Ct
Municipality: Morristown County: Morris Zip Code: 07960

Applicant is: ☑ Community Solar Project Owner ☐ Community Solar Developer/Facility Installer
☐ Property/Site Owner ☐ Subscriber Organization
☐ Agent (if agent, what role is represented) _____

II. Community Solar Project Owner

Project Owner Company/Entity Name *(complete if known)*: Mount Laurel Solar LLC
First Name: Rafael Last Name: Dobrzynski
Daytime Phone: (401) 601-1919 Email: programs@dimension-energy.com
Mailing Address: 1 High Street Ct
Municipality: Morristown County: Morris Zip Code: 07960

III. Community Solar Developer

This section, "Community Solar Developer," is optional if: 1) the Applicant is a government entity (municipal, county, or state), AND 2) the community solar developer will be selected by the Applicant via a RFP, RFQ, or other bidding process. In all other cases, this section is required.

Developer Company Name *(optional, complete if applicable)*: Mount Laurel Solar LLC
First Name: Rafael Last Name: Dobrzynski
Daytime Phone: (401) 601-1919 Email: programs@dimension-energy.com
Mailing Address: 1 High Street Ct
Municipality: Morristown County: Morris Zip Code: 07960

The proposed community solar project will be primarily built by:
☐ the Developer ☑ a contracted engineering, procurement and construction ("EPC") company

If the proposed community solar project will be primarily built by a contracted EPC company, complete the following *(optional, complete if known)*:

If the EPC company information is left blank and the proposed project is approved by the Board for participation in the Community Solar Energy Pilot Program, the Applicant must inform the Board of the information below once the EPC company becomes known.

[redacted]

IV. Property/Site Owner Information

[redacted]

V. Community Solar Subscriber Organization *(optional, complete if known)*

If this section, "Community Solar Subscriber Organization," is left blank and the proposed project is approved by the Board for participation in the Community Solar Energy Pilot Program, the Applicant must inform the Board of the information below once the Subscriber Organization becomes known.

[redacted]

VI. Proposed Community Solar Facility Characteristics

Community Solar Facility Size (as denominated on the PV panels): 0.5108 MWdc

*Any application for a system larger than 5 MWdc will be automatically eliminated. If awarded, projects will be held to the MWdc size indicated in this Application.

[redacted]

[redacted]

Total Acreage of Property Block and Lots: 9.02 acres
Total Acreage of Community Solar Facility: 1.72 acres

Attach a delineated map of the portion of the property on which the community solar facility will be located in PDF format. The map must be provided in color. Note: Applications may be required upon request to submit a copy of the delineated map as a design plan in drawing file format (.dwg) or as a shapefile (.shp), in order to facilitate integration with Geographic Information System (GIS) software.

EDC electric service territory in which the proposed community solar facility is located: *(select one)*

☐ Atlantic City Electric
☐ Jersey Central Power & Light
☑ Public Service Electric & Gas
☐ Rockland Electric Co.

Estimated time from Application selection to project completion* *(The Applicant should provide a good faith estimate of the date of project completion; however, this data is being collected for informational purposes only.)*: December (month) 2021 (year)

*Project completion is defined pursuant to the definition at N.J.A.C. 14:8-9.3 as being fully operational, up to and including having subscribers receive bill credits for their subscription to the project. Projects must be fully operational within 12 months of receiving conditional approval by the Board (subject to change according to the proposed rule amendment described in the Terms and Conditions).

The proposed community solar facility is an existing project* ..... ☐ Yes ☑ No

If "Yes," the Application will not be considered by the Board. See section B. XIII. for special provisions for projects having received a subsection (t) conditional certification from the Board prior to February 19, 2019.

*An existing project is defined in N.J.A.C. 14:8-9.2 as a solar project having begun operation and/or been approved by the Board for connection to the distribution system prior to February 19, 2019.

VII. Community Solar Facility Siting

1. The proposed community solar project has site control* ..... ☑ Yes ☐ No

   If "Yes," attach proof of site control.

   If "No," the Application will be deemed incomplete.

   *Site control is defined as property ownership or option to purchase, signed lease or option to lease, or signed contract for use as a community solar site or option to contract for use as a community solar site. The site control must be specific to the project in this Application, and may not be contingent on the approval of another Application submitted in PY2.

2. The proposed community solar facility is located, in part or in whole, on preserved farmland* …… ☐ Yes ☑ No

   If "Yes," the Application will not be considered by the Board.

   *Preserved farmland is defined in N.J.A.C. 14:8-9.2 as land from which a permanent development easement was conveyed and a deed of easement was recorded with the county clerk's office pursuant to N.J.S.A. 4:1C-11 et seq.; land subject to a farmland preservation program agreement recorded with the county clerk's office pursuant to N.J.S.A. 4:1C-24; land from which development potential has been transferred pursuant to N.J.S.A. 40:55D-113 et seq. or N.J.S.A. 40:55D-137 et seq.; or land conveyed or dedicated by agricultural restriction pursuant to N.J.S.A. 40:55D-39.1.

3. The proposed community solar facility is located, in part or in whole, on Green Acres preserved open space* or on land owned by the New Jersey Department of Environmental Protection (NJDEP) …… ☐ Yes ☑ No

   If "Yes," the Applicant must attach special authorization from NJDEP for the site to host a community solar facility. The Board will not consider Applications for projects located, in part or in whole, on Green Acres preserved open space or on land owned by NJDEP, unless the Applicant has received special authorization from NJDEP and includes proof of such special authorization in the Application package.

   *Green Acres preserved open space is defined in N.J.A.C. 14:8-9.2 as land classified as either "funded parkland" or "unfunded parkland" under N.J.A.C. 7:36, or land purchased by the State with "Green Acres funding" (as defined at N.J.A.C. 7:36).

4. The proposed community solar facility is located, in part or in whole, on (*check all that apply)*:

   ☐ a landfill (see question 7 below)
   ☐ a brownfield (see question 8 below)
   ☐ an area of historic fill (see question 9 below)
   ☑ a rooftop (see question 10 below)
   ☐ a canopy over a parking lot or parking deck
   ☐ a canopy over another type of impervious surface (e.g. walkway)
   ☐ a water reservoir or other water body ("floating solar") (see question 11 below)
   ☐ a former sand or gravel pit or former mine
   ☐ farmland* (see definition below)
   ☐ other (see question 5 below): _____

   *Farmland is defined as land that has been actively devoted to agricultural or horticultural use and that is/has been valued, assessed, and taxed pursuant to the "Farmland Assessment Act of 1964," P.L. 1964, c.48 (C. 54:4-23.1 et seq.) at any time within the ten year period prior to the date of submission of the Application.

5. If you answered "other" to question 4 above, describe the proposed site and explain why it is appropriate for siting a community solar facility:

6. The proposed community solar facility is located, in part or in whole, on land located in:
   - ☐ the New Jersey Highlands Planning Area or Preservation Area
   - ☐ the New Jersey Pinelands

   If the project is a ground mounted project (i.e. not rooftop or canopy), and answered "Yes" to either of the options above, include a letter or other determination from the New Jersey Highlands Council or the New Jersey Pinelands Commission, as relevant, stating that the proposed project is consistent with land use priorities in the area.

7. If the proposed community solar facility is located, in part or in whole, on a landfill, provide the name of the landfill, as identified in NJDEP's database of New Jersey landfills, available at www.nj.gov/dep/dshw/lrm/landfill.htm: _____

8. If the proposed community solar facility is located, in part or in whole, on a brownfield, has a final remediation document been issued for the property? ..... ☐ Yes ☑ No
   If "Yes," attach a copy of the Response Action Outcome ("RAO") issued by a Licensed Site Remediation Professional ("LSRP") or the No Further Action ("NFA") letter issued by NJDEP.

9. If the proposed community solar facility is located, in part or in whole, on an area of historic fill, have the remedial investigation requirements pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E-4.7 been implemented? ..... ☐ Yes ☑ No
   Has the remediation of the historic fill been completed pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E-5.4? ..... ☐ Yes ☐ No
   If the remediation of the historic fill has been completed, attach a copy of the Response Action Outcome ("RAO") issued by a Licensed Site Remediation Professional ("LSRP") or the No Further Action ("NFA") letter issued by NJDEP.

10. If the proposed community solar facility is located, in part or in whole, on a rooftop, has the Applicant verified that the roof is structurally able to support a solar system? ..... ☑ Yes ☐ No
    If "Yes," attach substantiating evidence.
    If "No," the application will not be considered by the Board.

11. If the proposed community solar facility is located, in part or in whole, on a water reservoir or other water body ("floating solar"), is the facility located at a water treatment plant or sand and gravel pit that has little to no established floral and faunal resources? ..... ☐ Yes ☑ No

If "Yes," provide supporting details and attach substantiating evidence if needed.
*All proposed floating solar projects are required to meet with NJDEP's OPPN prior to submitting an Application. Applicants are responsible for contacting NJDEP with sufficient advance notice to ensure that a meeting will occur prior to the deadline to submit an Application. Please see section VIII Permits, Question 2 for more information.

12. The proposed community solar facility is located on the property of an affordable housing building or complex ..... ☐ Yes ☑ No

13. The proposed community solar facility is located on an area designated in need of redevelopment ..... ☐ Yes ☑ No
If "Yes," attach proof of the designation of the area as being in need of redevelopment from a municipal, county, or state entity.

14. The proposed community solar facility is located in an Economic Opportunity Zone, as defined by the New Jersey Department of Community Affairs ("DCA") ..... ☐ Yes ☑ No
If "Yes," attach proof that the facility is located in an Economic Opportunity Zone.
*More information about Economic Opportunity Zones are available at the following link: https://www.state.nj.us/dca/divisions/lps/opp_zones.html.

15. The proposed community solar facility is located on land or a building that is preserved by a municipal, county, state, or federal entity ..... ☐ Yes ☑ No
If "Yes," attach proof of the designation of the site as "preserved" from a municipal, county, or state entity, and evidence that such designation would not conflict with the proposed solar facility.

16. The proposed community solar facility is located, in part or in whole, on land that includes trees ..... ☐ Yes ☑ No
Construction of the proposed community solar facility will require cutting down one or more trees ..... ☐ Yes ☑ No
If "Yes," estimated number of trees required to be cut for construction: _____
If "Yes," estimated number of acres of trees that required to be cut for construction: _____

17. Are there any use restrictions at the site? ..... ☐ Yes ☑ No
If "Yes," explain the use restriction below and provide documentation that the proposed community solar project is not prohibited.

Will the use restriction(s) be required to be modified by variance or other means? …… ☐ Yes ☑ No

If "Yes," explain the modification below.

18. The proposed community solar facility has been specifically designed or planned to preserve or enhance the site (e.g. landscaping, site and enhancements, pollination support, etc.) This represents site improvements beyond required basic site improvements …… ☑ Yes ☐ No

    If "Yes," explain below, and provide any substantiating documentation in an attachment. Explain how the proposed site enhancements will be made and maintained for the life of the project. If implementing pollination support, explain what type of pollination support, how this support is expected to help local ecosystems, and whether the proposed pollination support has received certifications or other verification.

[redacted]

19. This question is for informational purposes only, and will not impact the Application's score. The Board is interested in learning more about ways in which "dual use" projects may be implemented in the Pilot Program:

    The proposed community solar facility is a "dual use" project: i.e. the project site will remain in active agricultural production throughout the life of the project (e.g. crop production under or between the panels, livestock grazing)…… ☐ Yes ☑ No

    *Wildflower planting or other pollination support is not considered dual use for purposes of this question (pollination support is question 18).

    If "Yes," explain what agricultural production will be maintained on the site and will be consistent with the presence of a solar system. Provide any substantiating documentation in an attachment.

VIII. Permits

1. The Applicant has completed the NJDEP Permit Readiness Checklist, and will submit it as an attachment to this Application..... ☐ Yes ☑ No
   If "No," the Application will be deemed incomplete. This requirement only applies to ground mounted and floating solar projects. Community solar projects located on a rooftop, parking lot, or parking structure are exempt from this requirement.
   *Applicants are not required to submit the Permit Readiness Checklist to NJDEP prior to submitting an Application to the Board, except in the case of floating solar projects.

2. The Applicant has met with NJDEP's OPPN ..... ☐ Yes ☑ No
   If "Yes," attach meeting notes or relevant correspondence with NJDEP's OPPN.
   * If the Applicant met with OPPN or received comments from OPPN (formerly PCER) for this project as part of the Program Year 1 Application process, and if the details of the project and the site characteristics have remained the same, those comments remain valid. Please include those comments or meeting notes as an attachment to the Application.
   *A meeting with NJDEP's OPPN is not required prior to submitting an Application. Exception: all floating solar projects are required to meet with NJDEP's OPPN prior to submitting an Application. Applicants with a floating solar project are responsible for contacting NJDEP with sufficient advance notice to ensure that a meeting will occur prior to the deadline to submit an Application.

3. The Applicant has received all non-ministerial permits* for this project *(optional)* ..... ☑ Yes ☐ No
   *Receiving all non-ministerial permits is not required prior to submitting an Application.
   *A non-ministerial permit is one in which one or more officials consider various factors and exercise some discretion in deciding whether to issue or deny a permit. This is in contrast to a ministerial permit, for which approval is contingent upon the project meeting pre-determined and established standards. Examples of non-ministerial permits include: local planning board authorization, use variances, Pinelands or Highlands Commission approvals, etc. Examples of ministerial permits include building permits and electrical permits.

4. Please list all permits, approvals, or other authorizations that will be needed for the construction and operation of the proposed community solar facility pursuant to local, state and federal laws and regulations. Include permits that have already been received, have been applied for, and that will need to be applied for. These include:
   a. Permits, approvals, or other authorizations from NJDEP (i.e. Land Use, Air Quality, New Jersey Pollutant Discharge Elimination System "NJPDES", etc.) for the property.
   b. Permits, approvals, or other authorizations from NJDEP (i.e. Land Use, Air Quality, NJPDES, etc.) directly related to the installation and operation of a solar facility on this property.

c. Permits, approvals, or other authorizations other than those from NJDEP for the development, construction, or operation of the community solar facility (including local zoning and other local and state permits)

An Application that does not list all permits, approvals, or other authorizations that will be needed for the construction and operation of the proposed community solar facility will be deemed incomplete.

If a permit has been received, attach a copy of the permit.

Permit Name & Description	[redacted]	Date Permit Applied for *(if applicable)* / Date Permit Received (*if applicable*)
Building Permit		Expected September 2021
Electrical Permit		Expected September 2021
Universal Construction Code		Expected September 2021
Tenant consent for rooftop work		Received
Lender consent for building owner to lease rooftop		Received

5. The Applicant has consulted the hosting capacity map of the relevant EDC via the EDC's website (links are available on the NJCEP website) and determined that, based on the capacity hosting map as published at the date of submission of the Application, there is sufficient capacity available at the proposed location to build the proposed community solar facility …… ☐ Yes ☑ No

If "Yes," include a screenshot of the capacity hosting map at the proposed location, showing the available capacity.

If the hosting capacity map shows insufficient capacity, the Application will not be considered by the Board, unless the Applicant provides: 1) a letter from the relevant EDC indicating that the hosting capacity map is incorrect in that location, or 2) an assessment from the relevant EDC of the cost of the interconnection upgrade that would be required to enable the interconnection of the proposed system, and a commitment from the Applicant to pay those upgrade costs if the project were to be selected by the Board.

Exception: Projects located in PSE&G service territory for which the hosting capacity map shows insufficient capacity available at the planned location may be eligible for a waiver of this requirement. If this application is seeking to exercise this waiver, please check "Yes" below and attach the waiver requirements as described in the Board's Order: https://www.njcleanenergy.com/files/file/CommunitySolar/FY21/8E%20-%20ORDER%20PSEG%20Interconnection.pdf.

This project is exercising the PSE&G hosting capacity map waiver: …… ☐ Yes ☑ No

6. The Applicant has conducted an interconnection study for the proposed system *(optional)* ..... ☐ Yes ☑ No
   If "Yes," include the interconnection study received from the EDC.

IX. Community Solar Subscriptions and Subscribers

1. Estimated or Anticipated Number of Subscribers *(please provide a good faith estimate or range)*: 102 - 170

2. Estimated or Anticipated Breakdown of Subscribers *(please provide a good faith estimate or range of the kWh of project allocated to each category)*:
   Residential: 100% Commercial: _____
   Industrial: _____ Other: _____
   (define "other": _____)

3. The proposed community solar project is an LMI project* ..... ☑ Yes ☐ No
   *An LMI project is defined pursuant to N.J.A.C. 14:8-9 as a community solar project in which a minimum 51 percent of project capacity is subscribed by LMI subscribers.

4. The proposed community solar project has a clear plan for effective and respectful customer engagement process. ..... ☑ Yes ☐ No
   If "Yes," attach evidence of experience on projects serving LMI communities or partnerships with organizations that have experience serving LMI communities.

5. The proposed community solar project will allocate at least 51% of project capacity to residential customers ..... ☑ Yes ☐ No

6. An affordable housing provider is seeking to qualify as an LMI subscriber for the purposes of the community solar project ..... ☐ Yes ☑ No
   If "Yes," estimated or anticipated percentage of the project capacity for the affordable housing provider's subscription *(provide an estimate or range)*: _____

   If "Yes," what specific, substantial, identifiable, and quantifiable long-term benefits from the community solar subscription are being passed through to their residents/tenants?

Additionally, the affordable housing provider must attach a signed affidavit that the specific, substantial, identifiable, and quantifiable long-term benefits from the community solar subscription will be passed through to their residents/tenants.

If "No," please be aware that, if, at any time during the operating life of the community solar project an affordable housing provider wishes to subscribe to the community solar project as an LMI subscriber, it must submit a signed affidavit that the specific, substantial, identifiable, and quantifiable benefits from the community solar subscription will be passed through to its residents/tenants.

7. This project uses an anchor subscriber *(optional)* ..... ☐ Yes ☑ No
   If "Yes," name of the anchor subscriber *(optional)*: _____
   Estimated or anticipated percentage or range of the project capacity for the anchor subscriber's subscription: _____

8. Is there any expectation that the account holder of a master meter will subscribe to the community solar project on behalf of its tenants? ..... ☐ Yes ☑ No
   If "Yes," what specific, identifiable, sufficient, and quantifiable benefits from the community solar subscription are being passed through to the tenants?

Additionally, the account holder of the master meter must attach a signed affidavit that the specific, identifiable, sufficient, and quantifiable benefits from the community solar subscription will be passed through to the tenants.

If "No," please be aware that, if, at any time during the operating life of the community solar project the account holder of a master meter wishes to subscribe to the community solar project on behalf of its tenants, it must submit to the Board a signed affidavit that the specific, identifiable, sufficient, and quantifiable benefits from the community solar subscription will be passed through to its tenants.

9. The geographic restriction for distance between project site and subscribers is: *(select one)*
   - ☐ No geographic restriction: whole EDC service territory
   - ☑ Same county OR same county and adjacent counties
   - ☐ Same municipality OR same municipality and adjacent municipalities

   Note: The geographic restriction selected here will apply for the lifetime of the project, barring special dispensation from the Board, pursuant to N.J.A.C. 14:8-9.5(a).

10. Product Offering for LMI subscribers: *(The Applicant must also complete and attach one or more product offering form(s) found in Appendix A. See Appendix A for exemptions.)*

The subscription proposed offers guaranteed or fixed savings to subscribers ..... ☑ Yes ☐ No
If "Yes," the guaranteed or fixed savings are offered as:

- ☐ A percentage saving on the customer's annual electric utility bill
- ☑ A percentage saving on the customer's community solar bill credit
- ☐ Other: _____

If "Yes," the proposed savings represent:

- ☑ 0% - 5% of the customer's annual electric utility bill or bill credit
- ☐ 5% - 10% of the customer's annual electric utility bill or bill credit
- ☐ 10% - 20% of the customer's annual electric utility bill or bill credit
- ☐ over 20% of the customer's annual electric utility bill or bill credit

The subscription proposed offers subscribers ownership or a pathway to ownership of a share of the community solar facility ..... ☐ Yes ☑ No
If "Yes," include proof of a pathway to ownership of a share of the community solar facility offered to the subscribers in Appendix A.

11. Product Offering for non-LMI subscribers: *(The Applicant must also complete and attach one or more product offering form(s) found in Appendix A. See Appendix A for exemptions.)*

The subscription proposed offers guaranteed or fixed savings to subscribers ..... ☑ Yes ☐ No
If "Yes," the guaranteed or fixed savings are offered as:

- ☐ A percentage saving on the customer's annual electric utility bill
- ☑ A percentage saving on the customer's community solar bill credit
- ☐ Other: _____

If "Yes," the proposed savings represent:

- ☑ 0% - 5% of the customer's annual electric utility bill or bill credit
- ☐ 5% - 10% of the customer's annual electric utility bill or bill credit
- ☐ 10% - 20% of the customer's annual electric utility bill or bill credit
- ☐ over 20% of the customer's annual electric utility bill or bill credit

The subscription proposed offers subscribers ownership or a pathway to ownership of a share of the community solar facility ..... ☐ Yes ☑ No
If "Yes," include proof of a pathway to ownership of a share of the community solar facility offered to the subscribers in Appendix A.

12. The list of approved community solar projects will be published on the Board's website. Additionally, subscriber organizations have the option of indicating, on this list, that the project is currently seeking subscribers.
    If this project is approved, the Board should indicate on its website that the project is currently seeking subscribers ..... ☑ Yes ☐ No
    If "Yes," the contact information indicated on the Board's website should read:

[redacted]

*It is the responsibility of the project's subscriber organization to notify the Board if/when the project is no longer seeking subscribers, and request that the Board remove the above information on its website.

X. Community Engagement

1. The proposed community solar facility is located on land or a building owned or controlled by a government entity, including, but not limited to, a municipal, county, state, or federal entity ..... ☐ Yes ☑ No

2. The proposed community solar project is being developed by or in partnership or collaboration* with the municipality in which the project is located ..... ☐ Yes ☑ No
    If "Yes," explain how and attach evidence of the project being developed by or in partnership or collaboration with the municipality in which the project is located.
    *Partnership or collaboration with the municipality is defined as clear and ongoing municipal involvement in the approval of the design, development, or operation of the proposed community solar project (e.g. project is located on a municipal site, municipality facilitating subscriber acquisition, municipal involvement in defining the subscription terms, etc.). Examples of evidence may include a formal partnership, a municipal request for proposals or other public bidding process, letter describing the municipality's involvement in the project or meeting minutes. Documentation must be specific to the project described in this Application; "generic" documentation of support that applies to multiple projects submitted by the same Applicant will not be accepted.

3. The proposed community solar project is being developed by or in partnership or collaboration* with one or more local community organization(s) and/or affordable housing providers in the area in which the project is located ..... ☑ Yes ☐ No

If "Yes," explain how and attach evidence of the project being developed by or in partnership or collaboration with the local community organization(s) and/or affordable housing providers.
*Partnership or collaboration is defined as clear and ongoing involvement by the local community organization(s) and/or affordable housing providers in the approval of the design, development, or operation of the proposed community solar project (e.g. community organization owns the proposed site, community organization is facilitating subscriber acquisition or was involved in the design of the community solar product offering, etc.). Documentation must be specific to the project described in this Application; "generic" documentation of support that applies to multiple projects submitted by the same Applicant will not be accepted.

[redacted]

4. The proposed community solar project was developed, at least in part, with support and in consultation with the community in which the project is located* ..... ☑ Yes ☐ No
If "Yes," please describe the consultative process below.
*A community consultative process may include any of the following: letter of support from municipality and/or community organizations and/or local affordable housing provider demonstrating their awareness and support of the project; one or more opportunities for public intervention; and/or outreach to the municipality and/or local community organizations and/or affordable housing provider.

[redacted]

XI. Project Cost

This section, "Project Cost," is optional if: 1) the Applicant is a government entity (municipal, county, or state), AND 2) the community solar developer will be selected by the Applicant via a RFP, RFQ, or other bidding process. In all other cases, this section is required.

1. Provide the following cost estimates and attach substantiating evidence in the form of an unlocked Excel spreadsheet model:

Applicants are expected to provide a good faith estimate of costs associated with the proposed community solar project, as they are known at the time the Application is filed with the Board. This information will not be used in the evaluation of the proposed community solar project.

[redacted]

2. Pursuant to N.J.A.C. 14:8-9.7(q), "community solar projects shall be eligible to apply, via a one-time election prior to the delivery of any energy from the facility, for SRECs or Class I RECs, as applicable, or to any subsequent compensations as determined by the Board pursuant to the Clean Energy Act." Consistent with the Clean Energy Act of 2018, the Board is no longer accepting applications for the SREC Registration Program ("SRP"). Projects granted conditional approval to participate in PY2 will be eligible to apply for the TI Program.

For indicative purposes only, please indicate all local, state and federal tax incentives which will be applied to if the proposed community solar project is approved for participation in the Community Solar Energy Pilot Program:

Dimension will utilize the federal investment tax credit.

XII. Other Benefits

1. The proposed community solar facility will be paired with storage ..... ☐ Yes ☑ No
   If "Yes," please describe the proposed storage facility:
   a. Storage system size: _____ MW _____ MWh
   b. The storage offtaker is also a subscriber to the proposed community solar facility ..... ☐ Yes ☐ No

*Community solar credits will only be provided to community solar generation; credits will not be provided to energy discharged to the grid from a storage facility (i.e. no "double counting").

2. The proposed community solar facility will be paired with one or more EV charging stations ..... ☐ Yes ☑ No
   If "Yes," how many EV charging stations: _____
   Will these charging stations be public and/or private? _____
   Please provide additional details:

3. The proposed community solar facility will provide energy audits and/or energy efficiency improvements to subscribers…….. ☐ Yes ☑ No
   If "Yes," please provide additional details:

4. The proposed community solar project will create temporary or permanent jobs in New Jersey …….. ☑ Yes ☐ No
   If "Yes," estimated number of temporary jobs created in New Jersey: 10-17
   If "Yes," estimated number of permanent jobs created in New Jersey: 0.25
   If "Yes," explain what these jobs are:
   Temporary jobs will consist of Construction and Engineering teams. Permanent jobs will consist of O&M.

5. The proposed community solar project will provide job training opportunities for local solar trainees …….. ☑ Yes ☐ No
   If "Yes," will the job training be provided through a registered apprenticeship? …. ☐ Yes ☑ No
   If "Yes," identify the entity or entities through which job training is or will be organized (e.g. New Jersey GAINS program, partnership with local school):

[redacted]

XIII. Special Authorizations and Exemptions

1. Is the proposed community solar project co-located with another community solar facility (as defined at N.J.A.C. 14:8-9.2)? …….. ☐ Yes ☑ No
   If "Yes," please explain why the co-location can be approved by the Board, consistent with the provisions at N.J.A.C. 14:8-9

2. Does this project seek an exemption from the 10-subscriber minimum? ..... ☐ Yes ☑ No
   If "Yes," please demonstrate below (and attach supporting documents as relevant):
   a. That the project is sited on the property of a multi-family building.
   b. That the project will provide specific, identifiable, and quantifiable benefits to the households residing in said multi-family building.

3. Specific sections throughout the Application Form are identified as optional only if: 1) the Applicant is a government entity (municipal, county, or state), and 2) the community solar developer will be selected by the Applicant via a RFP, RFQ, or other bidding process. Is the Applicant a government entity that plans to select the developer via such bidding process? ..... ☐ Yes ☑ No
   If "Yes," attach a letter describing the proposed bidding process and a copy of the request for bids (RFP, RFQ, or other bidding document) that is ready to be issued if the project is granted conditional approval by the Board. The Applicant must further commit to issuing said RFP, RFQ, or other bidding process within 90 days of the proposed project being approved by the Board for participation in the Community Solar Energy Pilot Program. The Applicant will be required to provide the information contained in those optional sections to the Board once it becomes known.

4. Has the proposed community solar project received, in part or in whole, a subsection (t) conditional certification from the Board prior to February 19, 2019? ..... ☐ Yes ☑ No
   If "Yes," the project may apply to participate in the Community Solar Energy Pilot Program if it commits to withdrawing the applicable subsection (t) conditional certification immediately if it is approved by the Board for participation in the Community Solar Energy Pilot Program. Attach a signed affidavit that the Applicant will immediately withdraw the applicable subsection (t) conditional certification if the proposed project is approved by the Board for participation in the Community Solar Energy Pilot Program.

5. The Board has proposed an amendment to the Pilot Program rules, which, if approved, would allow municipally-owned community solar projects to submit an application for a project that requests an exemption from the provisions at N.J.A.C. 14:8-9.10(b)(1) mandating subscriber enrollment via affirmative consent (i.e. an opt-out community solar project). Projects that intend

to utilize opt-out subscriber enrollment if the proposed rule amendment is approved by the Board must indicate such intent below. If the Application is selected but the proposed rule amendment is not approved by the Board, the project will be required to proceed using affirmative consent (i.e. "opt-in") subscriber enrollment rules, as currently provided for in the Pilot Program rules at N.J.A.C. 14:8-9.10(b)(1).

A. This Application is for an opt-out community solar project..... ☐ Yes ☑ No

B. The proposed opt-out project will be owned and operated by the municipality for the duration of the project life (excluding a possible period of temporary third-party, tax-credit investor ownership to maximize the financeability of the opt-out project, subject to appropriate contractual provisions that maintain the municipality's ultimate control of the proposed opt-out project)..... ☐ Yes ☑ No

If "Yes," the municipality name is: _____

If "No," the project will not be considered for eligibility as an opt-out community solar project.

C. The proposed opt-out project has been authorized by municipal ordinance or resolution ..... ☐ Yes ☑ No

If "Yes," attach a copy of the municipal ordinance or resolution allowing the development, ownership, and operation an opt-out community solar project, contingent on the proposed rules being approved by the Board.

If "No," the project will not be considered for eligibility as an opt-out community solar project.

D. The proposed opt-out project will allocate all project capacity to LMI subscribers ..... ☐ Yes ☑ No

If "No," the project will not be considered for eligibility as an opt-out community solar project.

E. Describe the process by which the municipality will identify the customers that will be automatically enrolled in the proposed opt-out project: _____

F. The municipal applicant has reviewed the proposed rule amendment allowing for opt-out projects, and agrees to adhere to the proposed rules and any subsequent modification if they are approved by the Board. The applicant understands that any approval for the project to operate as an opt-out community solar project is contingent on the proposed rule amendment being approved by the Board. The applicant understands that, if the proposed rule amendment is not approved by the Board, the project, if approved, will be required to

adhere to the existing "opt-in" rules for subscriber enrollment (N.J.A.C. 14:8-9.10(b)(1)). …… ☐ Yes☑ No

Attach an affidavit that the municipal project owner will comply with all applicable rules and regulations, particularly those relating to consumer privacy and consumer protection.

Section C: Certifications

Instructions: Original signatures on all certifications are required. All certifications in this section must be notarized; instructions on how to submit certifications will be provided as part of the online application process. Certifications must be dated after October 3, 2020: PY1 certifications may not be reused in PY2.

Applicant Certification

The undersigned warrants, certifies, and represents that:

1) I, Rafael Dobrzynski (name) am the Authorized Person (title) of the Applicant Mount Laurel Solar LLC (name) and have been authorized to file this Applicant Certification on behalf of my organization; and
2) The information provided in this Application package has been personally examined, is true, accurate, complete, and correct to the best of the undersigned's knowledge, based on personal knowledge or on inquiry of individuals with such knowledge; and
3) The community solar facility proposed in the Application will be constructed, installed, and operated as described in the Application and in accordance with all Board rules and applicable laws; and
4) The system proposed in the Application will be constructed, installed, and operated in accordance with all Board policies and procedures for the Transition Incentive Program, if applicable; and
5) My organization understands that information in this Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47-1A-1 et seq., and that any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
6) I acknowledge that **submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.**

Signature: _____ Date: 1/26/21

Print Name: Rafael Dobrzynski
Title: Authorized Person Company: Mount Laurel Solar LLC

Signed and sworn to before me on this 26Th day of January, 2021

Gianna Guenther
Signature

Gianna Guenther
Name

GIANNA GUENTHER
NOTARY PUBLIC
FULTON COUNTY, GEORGIA
MY COMMISSION EXPIRES AUGUST 04, 2023

Project Developer Certification

This Certification "Project Developer / Installer" is optional if: 1) the Applicant is a government entity (municipal, county, or state), AND 2) the community solar developer will be selected by the Applicant via a Request for Proposals (RFP), Request for Quotations (RFQ), or other bidding process. In all other cases, this Certification is required.

The undersigned warrants, certifies, and represents that:

1) I, Rafael Dobrzynski (name) am the Authorized Person (title) of the Project Developer Mount Laurel Solar LLC (name) and have been authorized to file this Applicant Certification on behalf of my organization; and
2) The information provided in this Application package has been personally examined, is true, accurate, complete, and correct to the best of the undersigned's knowledge, based on personal knowledge or on inquiry of individuals with such knowledge; and
3) The community solar facility proposed in the Application will be constructed, installed, and operated as described in the Application and in accordance with all Board rules and applicable laws; and
4) The system proposed in the Application will be constructed, installed, and operated in accordance with all Board policies and procedures for the Transition Incentive Program, if applicable; and
5) My organization understands that information in this Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47-1A-1 et seq., and that any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
6) I acknowledge that **submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.**

Signature: _____ Date: 1/26/21

Print Name: Rafael Dobrzynski
Title: Authorized Person Company: Mount Laurel Solar LLC

Signed and sworn to before me on this 26th day of January, 2021

Gianna Guenther
Signature
Gianna Guenther
Name

GIANNA GUENTHER NOTARY PUBLIC FULTON COUNTY, GEORGIA MY COMMISSION EXPIRES AUGUST 04, 2023

Project Owner Certification

The undersigned warrants, certifies, and represents that:

1) I, Rafael Dobrzynski (name) am the Authorized Person (title) of the Project Owner Mount Laurel Solar LLC (name) and have been authorized to file this Applicant Certification on behalf of my organization; and
2) The information provided in this Application package has been personally examined, is true, accurate, complete, and correct to the best of the undersigned's knowledge, based on personal knowledge or on inquiry of individuals with such knowledge; and
3) The community solar facility proposed in the Application will be constructed, installed, and operated as described in the Application and in accordance with all Board rules and applicable laws; and
4) The system proposed in the Application will be constructed, installed, and operated in accordance with all Board policies and procedures for the Transition Incentive Program, if applicable; and
5) My organization understands that information in this Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47-1A-1 et seq., and that any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
6) I acknowledge that **submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.**

Signature: _____ Date: 1/26/21

Print Name: Rafael Dobrzynski

Title: Authorized Person Company: Mount Laurel Solar LLC

Signed and sworn to before me on this 26th day of January, 2021

Gianna Guenther

Signature

Gianna Guenther

Name

GIANNA GUENTHER NOTARY PUBLIC FULTON COUNTY, GEORGIA MY COMMISSION EXPIRES AUGUST 04, 2023

Property Owner Certification

The undersigned warrants, certifies, and represents that:

[redacted] _____ (title) of the [redacted]d to file this Applicant Certification on behalf of my organization; and

2) The information provided in this Application package pertaining to siting and location of the proposed community solar project has been personally examined, is true, accurate, complete, and correct to the best of the undersigned's knowledge, based on personal knowledge or on inquiry of individuals with such knowledge; and
3) My organization or I understand that information in this Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47-1A-1 et seq., and that any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
4) I acknowledge that **submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.**

[redacted]

Subscriber Organization Certification *(optional, complete if known)*

The undersigned warrants, certifies, and represents that:

1) I, [redacted] (title) of the Su[redacted]n authorized to file this Applicant Certification on behalf of my organization; and
2) The information provided in this Application package has been personally examined, is true, accurate, complete, and correct to the best of the undersigned's knowledge, based on personal knowledge or on inquiry of individuals with such knowledge; and
3) The community solar facility proposed in the Application will be constructed, installed, and operated as described in the Application and in accordance with all Board rules and applicable laws; and
4) My organization understands that information in this Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47-1A-1 et seq., and that any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
5) I acknowledge that **submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.**

[redacted]

Section D: Appendix

Appendix A: Product Offering Questionnaire

Complete the following Product Offering Questionnaire. If there are multiple different product offerings for the proposed community solar project, please complete and attach one Product Offering Questionnaire per product offering. Variations in any product offering require a separate Product Offering Questionnaire. Applicants are expected to provide a good faith description of the product offerings developed for the proposed community solar project, as they are known at the time the Application is filed with the Board. If the proposed project is approved by the Board, the Applicant must notify the Board and receive approval from the Board for any modification or addition to a Product Offering Questionnaire.

Exception: This "Product Offering Questionnaire" is optional if: 1) the Applicant is a government entity (municipal, county, or state), AND 2) the community solar developer will be selected by the Applicant via a Request for Proposals (RFP), Request for Quotations (RFQ), or other bidding process.

This Questionnaire is Product Offering number 1 of 1 (total number of product offerings).

This Product Offering applies to:

- ☐ LMI subscribers
- ☐ non-LMI subscribers
- ☑ both LMI and non-LMI subscribers

1. Community Solar Subscription Type *(examples: kilowatt hours per year, kilowatt size, percentage of community solar facility's nameplate capacity, percentage of subscriber's historical usage, percentage of subscriber's actual usage)*: Percentage of Subscribers actual usage

2. Community Solar Subscription Price: *(check all that apply)*
   - ☐ Fixed price per month
   - ☑ Variable price per month, variation based on: Discount is applied to actual bill credits applied to the subscriber's bill each month
   - ☐ The subscription price has an escalator of _____ % every _____ *(interval)*

3. Contract term (length): _____ months, or _____ years OR ☑ month-to-month

4. Fees
   - ☑ Sign-up fee: 0
   - ☑ Early Termination or Cancellation fees: 0
   - ☑ Other fee(s) and frequency: n/a

5. Does the subscription guarantee or offer fixed savings or specific, quantifiable economic benefits to the subscriber? ..... ☑ Yes ☐ No

If "Yes," the savings are guaranteed or fixed:

- ☐ As a percentage of monthly utility bill
- ☐ As a fixed guaranteed savings compared to average historic bill
- ☑ As a fixed percentage of bill credits
- ☐ Other: _____

6. Special conditions or considerations:

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Appendix I	Letters of Support
Appendix J	Project Cost Evidence
Appendix K	Workforce Development
Appendix L	New Jersey Local Contractor

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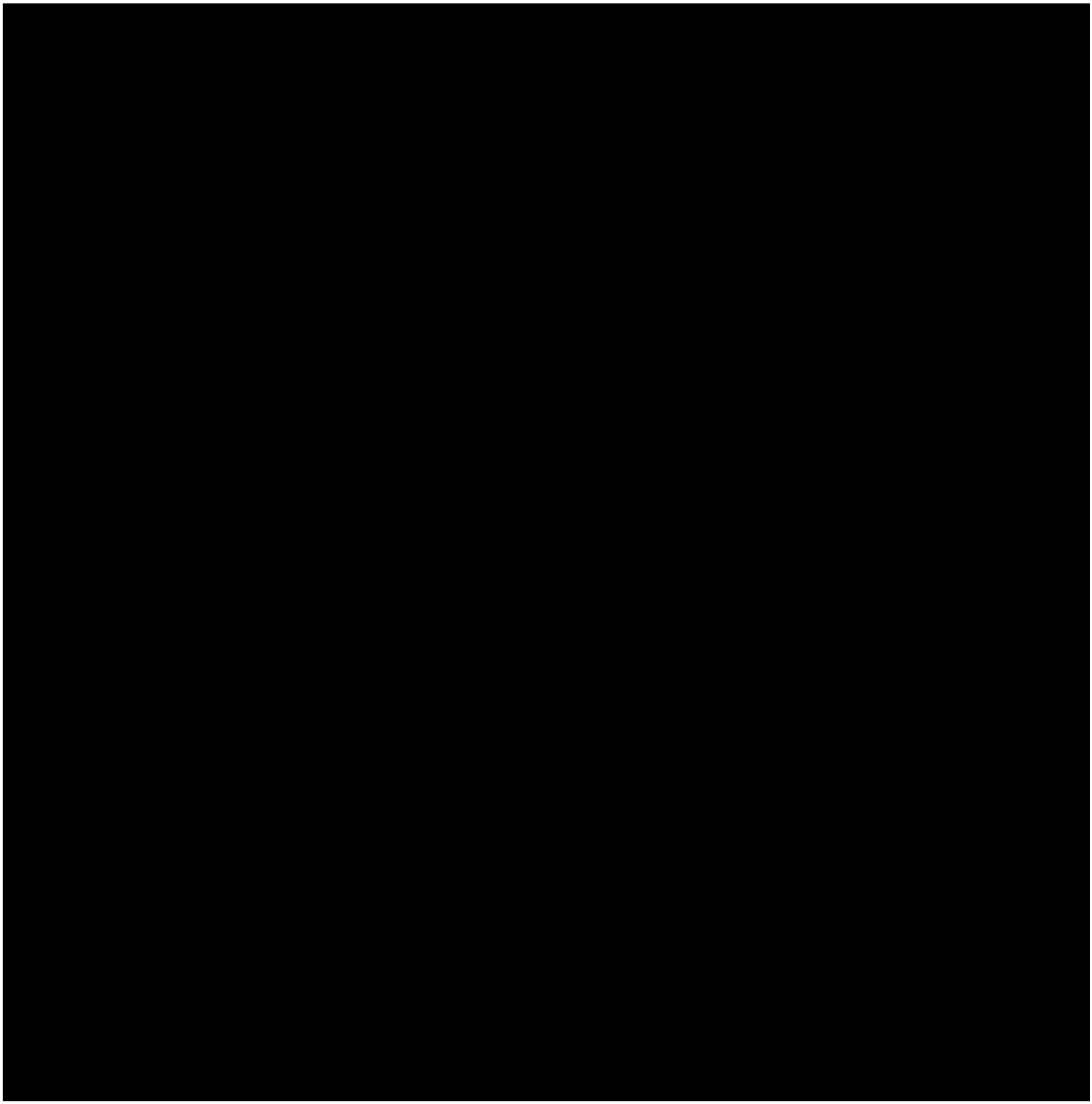
Appendix A – Mapping Requirements



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Appendix B – Lease Agreement

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Appendix C – Structural Feasibility Report

Feasibility Structural Analysis of Building for a Proposed Rooftop Solar PV System

[redacted]

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880 3rd Avenue, 6th Floor
New York, NY 10022

Presented by:

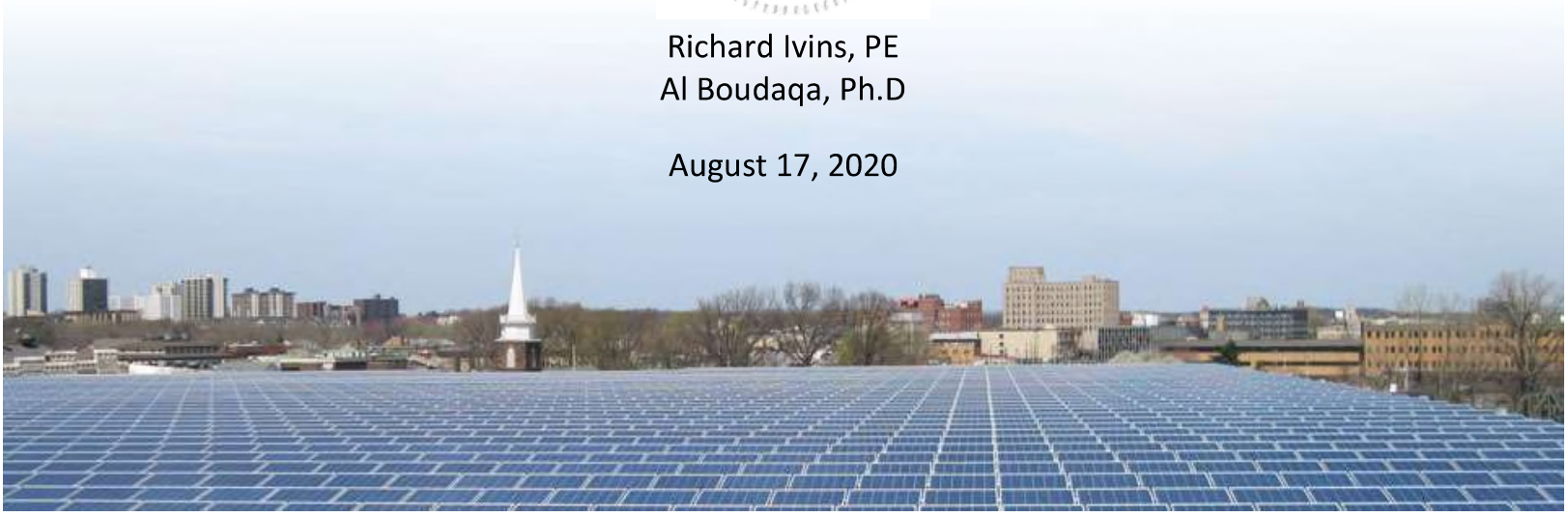
PURE POWER ENGINEERING

Pure Power Engineering, Inc.
5 Marine Drive View Plaza, Suite 301
Hoboken, NJ 07030
www.PurePower.com
(201) 687-9975

PPE Project No. PPE-00764.11

Richard Ivins, PE
Al Boudaqa, Ph.D

August 17, 2020



Executive Summary

A (PV) Solar Array is proposed to be installed with modules mounted to a ballasted (and/or mechanically attached) racking system and supported on the rooftop of the subject building. Pure Power has performed a structural analysis and determined the following:

- Existing building is feasible for PV solar system.
- Reserved capacity and maximum allowable deck loads for the existing roof:

Reserved Capacity =	**3.0 psf**	
Deck Downward =	**290.0 lb**	(in a strip of 1'-8" wide X 5'-0" long)
Deck Uplift =	**290.0 lb**	(in a strip of 1'-8" wide X 5'-0" long)
Deck Shear =	**200.0 lb**	(in a strip of 1'-8" wide X 5'-0" long)
Maximum system weight =	**See Page 5.2**	

Notes:

- Racking manufacturer shall select the racking system such that satisfies both the above specified uniform load reserve capacities and the maximum allowable downward, uplift and shear loads on the roof deck, respectively.

- The allowable deck loads will be dependent on the racking system used. At the time of the writing of this report, this information was not available. The allowable deck loads are subject to change upon receiving this information.

[redacted]

[redacted]

Standard Conditions for Engineering Services on Existing Structures

- The analysis is based on the information gathered from the field and/or information provided to Pure Power Engineering and is assumed to be current and accurate.

- Unless noted otherwise, the structure and the foundation system are assumed to be in good condition, free of defects, and can achieve theoretical strength.

- It is assumed that the structure has been properly maintained and shall be properly maintained during its service. The superstructure and the foundation system are assumed to be designed with proper engineering practice and fabricated, constructed and erected in accordance with the design documents. Pure Power will accept no liability which may arise due to any existing deficiency in design, material, fabrication, erection, construction, etc. or lack of maintenance.

- The analysis results are only applicable for the proposed additions and alterations specified in this report. Any deviation of the proposed equipment and placement, etc., will require Pure Power to generate an additional structural analysis.

- The analysis does not include the design of the racking system or the ballast it requires. The analysis is performed to verify the capacity of the main structural system. Connections are assumed to have the capacity of the main structural members.

- Pure Power assumes that the existing building has NOT been modified or altered from its original design. Building landlord/client shall inform PPE with any kind of modification and/or alteration that may have been done to the existing building during its lifetime.

Proposed PV-Panels and Preliminary Design

- PV solar panels shall be installed on the roof as arrays on a ballasted racking system. A typical ballasted racking system is designed to resist wind uplift and sliding by placing concrete blocks (ballast) as counterweight on the racks. The system does not increase uplift on the building because the ballast should be designed to resist the additional uplift in order to provide the code required factor of safety.

- If the PV racking system is mechanically attached to the roof deck, then the uplift and shear forces at each mechanical attachment are not to exceed the capacity noted in this report under the conclusion section.

- It is assumed that the panels will be approximately 12 inches above the rooftop at the high end.

- It is assumed that the average design weight includes the weight of the panels, racking system and the ballast and all required assemblies.

Conclusion

Based on our experience and engineering analysis of the information available at the time of this writing, it is the opinion of this organization that the added stresses due to the weight of the proposed PV modules are considered acceptable and will not exceed the capacity of the existing roof structure. The proposed PV modules may be installed at MS Mount Laurel under the conditions outlined in the body of this report.

Do not stage pallets on roof unless staging plan drawing is provided by PPE.

This report does not represent an approval of the proposed PV system design. It is the racking designer's responsibility to ensure any proposed racking system is within the limits stated in this report and their system is designed in accordance with the requirements in the governing building code. PPE can review the existing framing adequacy for anchorage reaction loads upon request and if the racking design are supplied to PPE by the racking designer.

Sincerely,

Richard Ivins, PE
Al Boudaqa, Ph.D

[redacted]

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Appendix D – [redacted]

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Appendix E – Permits, Approvals and Authorizations

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Appendix F – Hosting Capacity Map

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VIII. Hosting Capacity Map

Mount Laurel Solar has an output of 0.45 MW AC. A feeder within 0.5 miles from the development site has sufficient capacity to interconnect to the PSE&G distribution system. Dimension has written confirmation from PSE&G that upon award from the BPU they are able to review our interconnection application to determine the most economically and electrically feasible circuit to interconnect to.

[redacted]

Jacob Fraatz

From: Jacob Fraatz
Sent: Thursday, January 28, 2021 10:24 AM
To: Jacob Fraatz
Subject: FW: Interconnection Study - South Hackensack Solar

From: Henry, Michael P. <Michael.Henry@pseg.com>
Sent: Friday, January 8, 2021 5:29 AM
To: Jacob Fraatz <jfraatz@dimension-energy.com>
Cc: Joe Henri <jhenri@dimension-energy.com>
Subject: RE: Interconnection Study - South Hackensack Solar

Jacob,

Yes, I confirm that we will pursue the costs of extending another feeder to the proposed location if approved by the BPU.

Mike

Michael P Henry

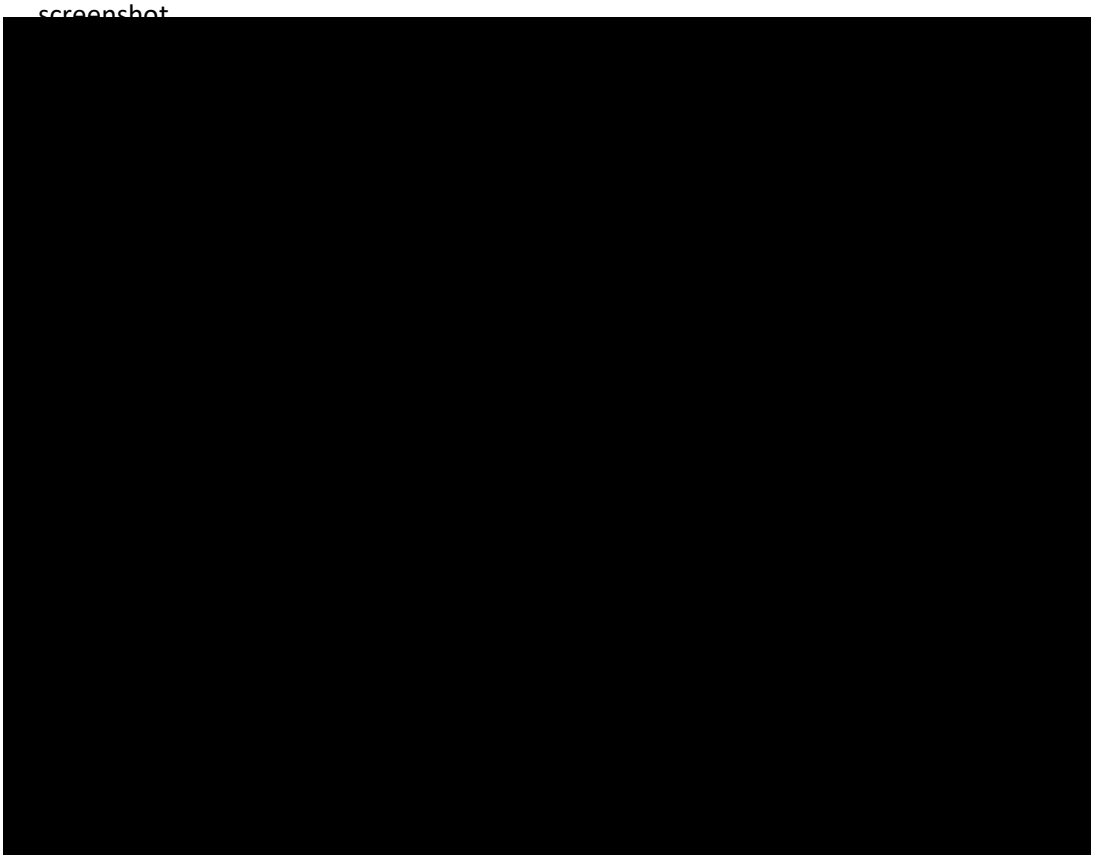
PSE&G
Distribution Business Team Leader
Distributive Generation Technical Lead
300 New Albany Rd
Moorestown, NJ 08057
856-778-6705

From: Jacob Fraatz <jfraatz@dimension-energy.com>
Sent: Thursday, January 07, 2021 6:48 PM
To: Henry, Michael P. <Michael.Henry@pseg.com>
Cc: Joe Henri <jhenri@dimension-energy.com>
Subject: [EXTERNAL] RE: Interconnection Study - South Hackensack Solar

Hi Michael,

Hope all is well. The BPU recently announced that Developers wanting to pursue sites that show inadequate capacity, must provide written documentation on why they believe its viable. When you, Joe, and I spoke last we were aligned that PSE&G will review interconnection applications submitted to them to determine if there is sufficient capacity at the POI or cost effective ways to find capacity on other feeders.

Are you able to confirm that PSE&G will let us pursue a feeder with sufficient capacity even if it is not the feeder closest to our project? For example our project is located by the red square but would like to pursue the feeder identified in the screenshot



Best,
Jake

Jacob Fraatz
Program Manager
jfraatz@dimension-energy.com | Mobile: 401.601.1919 | Phone: 866.777.7969 ext 29
600 California Street | 11th Floor | San Francisco, CA 94108
Web: www.dimension-energy.com

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Via DocuSign

July 22, 2019

Dimension NJ 1, LLC
2380 Peachtree Road NE, 7th Floor
Atlanta, GA 30305

Attn: Jamal Batar, Interconnection Manager

Dear Mr. Batar,

RE: AE2-097 "Levittown 13.2 kV" - Combined Feasibility/System Impact Study Report and Facilities Study Agreement

Enclosed is a report documenting the results of the **AE2-097 "Levittown 13.2 kV"** Combined Feasibility/System Impact Study. The results of this study are predicated on a 2022 transmission system based upon PJM's best assumptions at the present time for load growth and connection of proposed new generation additions.

Combined Feasibility/System Impact Studies are performed to determine the facilities required for interconnection and to define the estimated cost and timing for construction of attachment facilities and network upgrades required for the reliable interconnection of a generation project to the PJM system. The costs and associated timing described in the enclosed report are based upon estimates given to PJM by the affected Transmission Owner(s). The costs are your responsibility as the project developer.

The Combined Feasibility/System Impact Study estimates do not include the feasibility, cost, or time required to obtain property rights and permits for construction of the required facilities. The project developer is responsible for the right of way, real estate, and construction permit issues. In addition, the Feasibility Study estimates do not include any the costs associated with engineering and constructing the equipment and facilities on the developer's side of the point of interconnection. These costs are the responsibility of the project developer.

The costs associated with the study are being tabulated and you will receive a final statement/invoice electronically from PJM detailing your balance within 120 days.

Please be advised that all modeling will be completed consistent with Manual 3A. Market settlements cannot begin until these steps have been complete.

Pursuant to Section 207 of the PJM Tariff, attached is a Facilities Study Agreement for your consideration. The Agreement must be executed via **DocuSign** within thirty days (by close of business on **August 22, 2019**) to maintain your projects' position in the queue. The scope of the

Facilities Study Agreement will be to finalize the Wholesale Market Participation Agreement. This work can be completed with funds we have received for the Feasibility Study so there will be no deposit required.

Please review and execute the Facilities Study Agreement as specified in DocuSign.

If you wish to discuss the results of the Combined Feasibility/System Impact Study report or the Facilities Study Agreement with me, please let me know. My office telephone number is 610-666-2366 and my email address is Onyinye.Caven@pjm.com.

Sincerely,

Onyinye Caven
Engineer
PJM Interconnection Projects

Generation Interconnection

Combined Feasibility / Impact Study Report

for

Queue Project AE2-097

LEVITTOWN 13.2 KV

0.76 MW Capacity / 2 MW Energy

July, 2019

1 Preface

The intent of the feasibility study is to determine a plan, with ballpark cost and construction time estimates, to connect the subject generation to the PJM network at a location specified by the Interconnection Customer. The Interconnection Customer may request the interconnection of generation as a capacity resource or as an energy-only resource. As a requirement for interconnection, the Interconnection Customer may be responsible for the cost of constructing: (1) Direct Connections, which are new facilities and/or facilities upgrades needed to connect the generator to the PJM network, and (2) Network Upgrades, which are facility additions, or upgrades to existing facilities, that are needed to maintain the reliability of the PJM system.

In some instances a generator interconnection may not be responsible for 100% of the identified network upgrade cost because other transmission network uses, e.g. another generation interconnection, may also contribute to the need for the same network reinforcement. Cost allocation rules for network upgrades can be found in PJM Manual 14A, Attachment B. The possibility of sharing the reinforcement costs with other projects may be identified in the feasibility study, but the actual allocation will be deferred until the impact study is performed.

The Interconnection Customer seeking to interconnect a wind or solar generation facility shall maintain meteorological data facilities as well as provide that meteorological data which is required per Schedule H to the Interconnection Service Agreement and Section 8 of Manual 14D.

PJM utilizes manufacturer models to ensure the performance of turbines is properly captured during the simulations performed for stability verification and, where applicable, for compliance with low voltage ride through requirements. Turbine manufacturers provide such models to their customers. The list of manufacturer models PJM has already validated is contained in Attachment B of Manual 14G. Manufacturer models may be updated from time to time, for various reasons such as to reflect changes to the control systems or to more accurately represent the capabilities turbines and controls which are currently available in the field. Additionally, as new turbine models are developed, turbine manufacturers provide such new models which must be used in the conduct of these studies. PJM needs adequate time to evaluate the new models in order to reduce delays to the System Impact Study process timeline for the Interconnection Customer as well as other Interconnection Customers in the study group. Therefore, PJM will require that any Interconnection Customer with a new manufacturer model must supply that model to PJM, along with a $10,000 fully refundable deposit, no later than three (3) months prior to the starting date of the System Impact Study (See Section 4.3 for starting dates) for the Interconnection Request which shall specify the use of the new model. The Interconnection Customer will be required to submit a completed dynamic model study request form (Attachment B-1 of Manual 14G) in order to document the request for the study.

The Feasibility Study estimates do not include the feasibility, cost, or time required to obtain property rights and permits for construction of the required facilities. The project developer is responsible for the right of way, real estate, and construction permit issues. For properties currently owned by Transmission Owners, the costs may be included in the study.

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2 General

The Interconnection Customer (IC), has proposed a Solar generating facility located in Burlington County, Burlington, New Jersey. The installed facilities will have a total capability of 2 MW with 0.76 MW of this output being recognized by PJM as Capacity. The proposed in-service date for this project is March 2, 2020. This study does not imply a TO commitment to this in-service date.

Queue Number	**AE2-097**
Project Name	LEVITTOWN 13.2 KV
Interconnection Customer	Dimension NJ 1 LLC
State	New Jersey
County	Burlington
Transmission Owner	PSEG
MFO	2
MWE	2
MWC	0.76
Fuel	Solar
Basecase Study Year	2022

2.1 Point of Interconnection

AE2-097 will interconnect with the PSEG distribution system at the Levittown 13.2 kV substation.

AE2-097 project will be responsible for the following costs:

Description	**Total Cost**
Transmission Owner Facilities	$ 229,840
Transmission Upgrades	$ 0
Total Costs	$ 229,840

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3 Transmission Owner Scope of Work

Detailed scope, cost, and schedule will be provided in a separate two party Interconnection Agreement (IA) between PSE&G and the Interconnection Customer.

The total estimate for AE2-097 is **$229,840**.

Assumptions:

- Civil costs for any manhole and conduit needed at customer's site were not included
- No environmental or permitting costs were identified or included

4 Interconnection Customer Requirements

The Interconnection Customer may be required to install and/or pay for metering as necessary to properly track real time output of the facility as well as installing metering which shall be used for billing purposes. See Section 8 of Appendix 2 to the Interconnection Service Agreement as well as Section 4 of PJM Manual 14D for additional information.

Specific Operational Power Factor Requirement: The specific operational power factor requirement will be specified in a separate two party Interconnection Agreement (IA) between PSE&G and the Interconnection Customer as this project is considered FERC non-jurisdictional per the PJM Open Access Transmission Tariff (OATT).

PSE&G's Information & Requirements for Electric Service Handbook

http://www.pseg.com/business/builders/new_service/before/pdf/RequirementsElecSvc2005.pdf

PSE&G Customer Equipment Requirements – Primary Service

https://www.pseg.com/business/builders/new_service/before/pdf/pepp/sec03.pdf

5 Revenue Metering and SCADA Requirements

5.1 PJM Requirements

The Interconnection Customer will be required to install equipment necessary to provide Revenue Metering (KWH, KVARH) and real time data (KW, KVAR) for IC's generating Resource. See PJM Manuals M-01 and M-14D, and PJM Tariff Section 8 of Attachment O.

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5.2 PSEG Requirements

The Interconnection Customer will be required to comply with all PSE&G Revenue Metering Requirements for Generation Interconnection Customers. The Revenue Metering Requirements may be found within the "Information and Requirements for Electric Service" document located at the following links:

http://www.pseg.com/business/builders/new_service/before/
http://www.pjm.com/planning/design-engineering/to-tech-standards.aspx

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6 Network Impacts

The Queue Project AE2-097 was evaluated as a 2.0 MW (Capacity 0.8 MW) injection at the Levittown L2 13.2 kV substation in the PSEG area. Project AE2-097 was evaluated for compliance with applicable reliability planning criteria (PJM, NERC, NERC Regional Reliability Councils, and Transmission Owners). Project AE2-097 was studied with a commercial probability of 1.00. Potential network impacts were as follows:

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Summer Peak Load Flow

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7 Generation Deliverability

(Single or N-1 contingencies for the Capacity portion only of the interconnection)

None

8 Multiple Facility Contingency

(Double Circuit Tower Line, Fault with a Stuck Breaker, and Bus Fault contingencies for the full energy output)

None

9 Contribution to Previously Identified Overloads

(This project contributes to the following contingency overloads, i.e. "Network Impacts", identified for earlier generation or transmission interconnection projects in the PJM Queue)

None

10 Potential Congestion due to Local Energy Deliverability

PJM also studied the delivery of the energy portion of this interconnection request. Any problems identified below are likely to result in operational restrictions to the project under study. The developer can proceed with network upgrades to eliminate the operational restriction at their discretion by submitting a Merchant Transmission Interconnection request.

Note: Only the most severely overloaded conditions are listed below. There is no guarantee of full delivery of energy for this project by fixing only the conditions listed in this section. With a Transmission Interconnection Request, a subsequent analysis will be performed which shall study all overload conditions associated with the overloaded element(s) identified.

None

11 Steady-State Voltage Requirements

(Summary of the VAR requirements based upon the results of the steady-state voltage studies)

Not Required

12 Stability and Reactive Power Requirement for Low Voltage Ride Through

(Summary of the VAR requirements based upon the results of the dynamic studies)

Not Required

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13 System Reinforcements

None.

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Short Circuit

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14 Short Circuit

The following Breakers are over duty:

None

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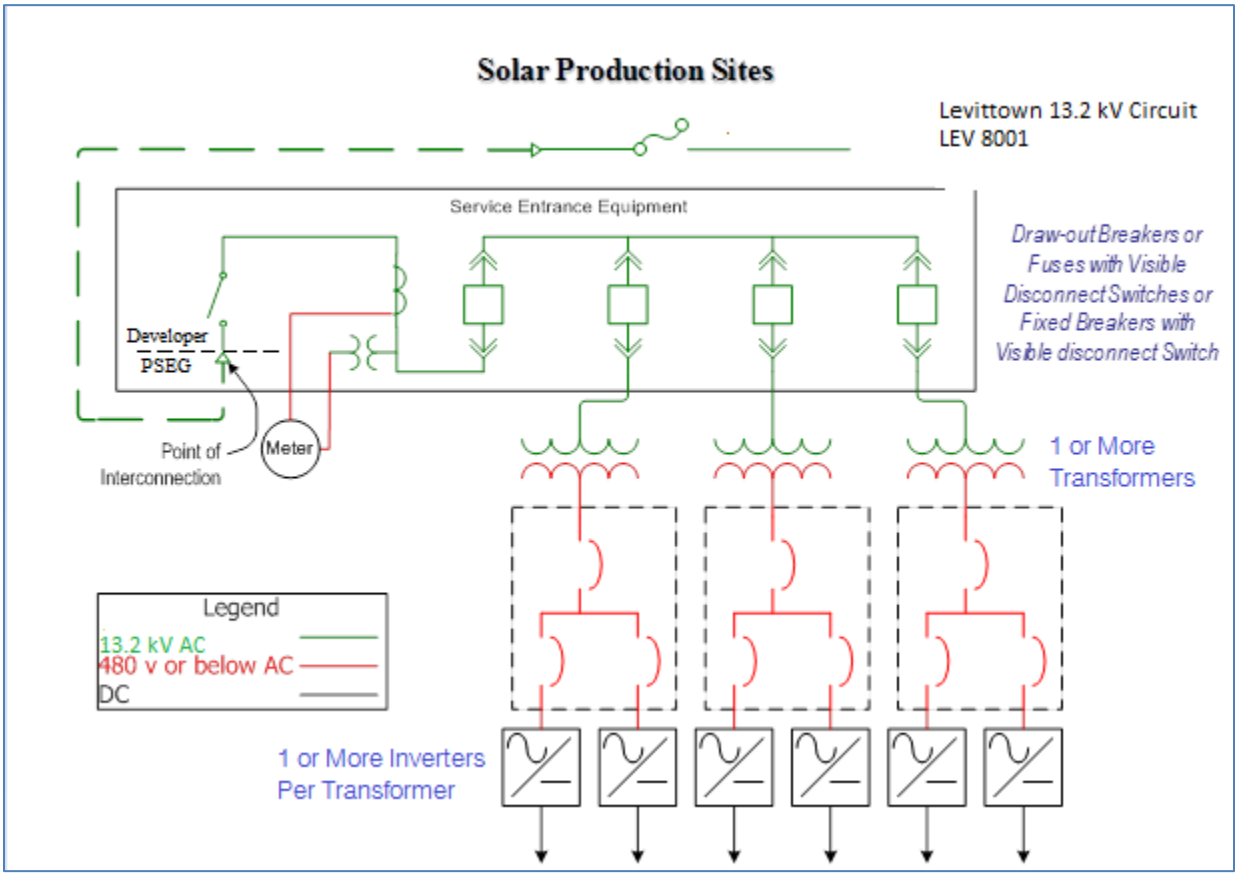
Attachment 1.

Single Line Diagram



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Appendix G – Example LMI Outreach Plan

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Appendix H – LMI Implementation Resources

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BUYING GUIDE

Community Solar for New Jersey Residents

There is a new way to adopt solar energy and reduce energy costs even if you don't own your home.

HOW IT WORKS

Community Solar

A new program allows any New Jersey resident to subscribe to solar and reduce monthly electricity costs.

Solar Energy

You join a local solar farm that produces clean energy here in New Jersey.

Utility Service

Solar power is sent to the grid and delivers your electricity the same way it does today.

Cleaner Electricity

Pay a lower rate for solar than to the utility. You save money and support clean energy.

No Panels At Home

With community solar, there are no solar panels on your home. You simply subscribe to a portion of a project's electricity. If you rent or live in an apartment, this is how you can save money with solar.

Reduce Utility Costs

For each kilowatt-hour of electricity from the community solar project, you earn a credit on your utility bill. Households typically pay about 10 to 15 percent less for solar than for standard utility power.

Support Clean Energy

By joining a local community solar project, you are choosing 100 percent renewable energy. Your actions help create a cleaner New Jersey and support further renewable industry job growth in the state.

GETTING STARTED

Answers to common questions.

Who can join?

Anyone who pays an electric bill to a major New Jersey utility (PSE&G, Orange & Rockland Electric, Jersey Central Power & Light, or Atlantic City Electric) can join a community solar project.

How do I find a project?

You can join by enrolling through a "Subscriber Organization". For up to date program information, you can visit the New Jersey Clean Energy Program website.

Does it cost money to sign up?

Community solar is free to join. You just pay for each kilowatt-hour of electricity from your solar project. In return, you receive a credit on your existing utility bill.

Is there a benefit for low- to moderate-income customers?

New Jersey's Community Solar Program is designed to offer low-to moderate-income (LMI) households access to the benefits of solar. Every solar project has reserved capacity to serve LMI households.

Do I keep my utility company?

Yes. You will continue to receive power from your electricity company just like you do today, whether it may be PSE&G, O&R, JCP&L, or ACE.

Will I pay two electricity bills?

Under the current community solar framework, you will pay two bills. One will be your bill to your existing utility provider (ex. PSE&G) and it will be much lower than before because you are getting credits for participating in community solar. The second bill will be to your "Subscriber Organization" to pay for your community solar credits. Together, the total amount you pay should be 10 to 15 percent less than you are currently paying to your utility today.

HOW TO SUBSCRIBE

Steps to adopting local community solar.

Sign up.

You can join by enrolling through a “Subscriber Organization”. For up to date program information, you can visit the New Jersey Clean Energy Program website.

Receive your electricity.

Electricity will be delivered to your home by your existing utility, the same way it is today. You simply pay a lower rate for solar energy and receive a credit on your existing electricity bill. If your solar discount is 10 percent, then you will always save 10 percent on each kilowatt-hour of electricity from solar compared to the credit that you will receive on your existing utilty bill.

Support clean energy.

Your subscription will support growth of renewable energy across New Jersey. Your decision will directly offset other forms of electricity, such as from coal or natural gas.

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Dimension Renewable Energy strives to be more than a market participant by paving the way toward clean energy access for all, nationwide.

dimension-energy.com

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NEW JERSEY

How Community Solar Works

A new program in New Jersey allows residents to subscribe to a portion of the output of a local solar project.

- No Panels At Home
- Support Clean Energy
- Local NJ Solar
- Save On Electricity

No Panels At Home

With community solar, there are no solar panels on your home. You simply subscribe to a portion of a project's electricity. If you rent or live in an apartment, this is how you can save money with solar.

Reduce Utility Costs

For each kilowatt-hour of electricity from the community solar project, you earn a credit on your utility bill. Households typically pay about 10 to 15 percent less for solar than for standard utility power.

Support Clean Energy

By joining a local community solar project, you are choosing 100 percent renewable energy. Your actions help create a cleaner New Jersey and support further renewable industry job growth in the state.

Where are community solar projects?

Each solar project is located within your utility service territory in New Jersey, creating local jobs and clean energy benefits.

GETTING STARTED

Eligibility and benefits of community solar.

Who can join?

Anyone who pays an electric bill to a major New Jersey utility (PSE&G, Orange & Rockland Electric, Jersey Central Power & Light, or Atlantic City Electric) can join a community solar project.

How do I find a project?

You can join by enrolling through a "Subscriber Organization". For up to date program information, you can visit the New Jersey Clean Energy Program website.

Does it cost money to sign up?

Community solar is free to join. You just pay for each kilowatt-hour of electricity from your solar project. In return, you receive a credit on your existing utility bill.

Is there a benefit for low- to moderate-income customers?

New Jersey's Community Solar Program is designed to offer low-to moderate-income (LMI) households access to the benefits of solar. Every solar project has reserved capacity to serve LMI households.

Do I keep my utility company?

Yes. You will continue to receive power from your electricity company just like you do today, whether it may be PSE&G, O&R, JCP&L, or ACE.

Will I pay two electricity bills?

Under the current community solar framework, you will pay two bills. One will be your bill to your existing utility provider (ex. PSE&G) and it will be much lower than before because you are getting credits for participating in community solar. The second bill will be to your "Subscriber Organization" to pay for your community solar credits. Together, the total amount you pay should be 10 to 15 percent less than you are currently paying to your utility today.

BEST PRACTICES

Important things to know before subscribing.

Check the fees.

A good community solar contract should not have any upfront charges or termination charges. Simply put, you should only pay for your share of the electricity generated from the community solar project and it should not cost anything extra to join.

Check on payment.

Industry best practice is to charge a fixed percentage discount for your share of the community solar project. If this discount is 10 percent, then you will always save 10 percent on each kilowatt-hour of electricity from solar compared to the credit that you will receive on your existing utilty bill.

Privacy should be respected.

Subscriber organizations should be treating customers with respect and keeping privacy protected. No intrusive documentation should be required (ex. tax returns) to join and you should not have to provide a FICO score.

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Appendix I – Letters of Support

[redacted]

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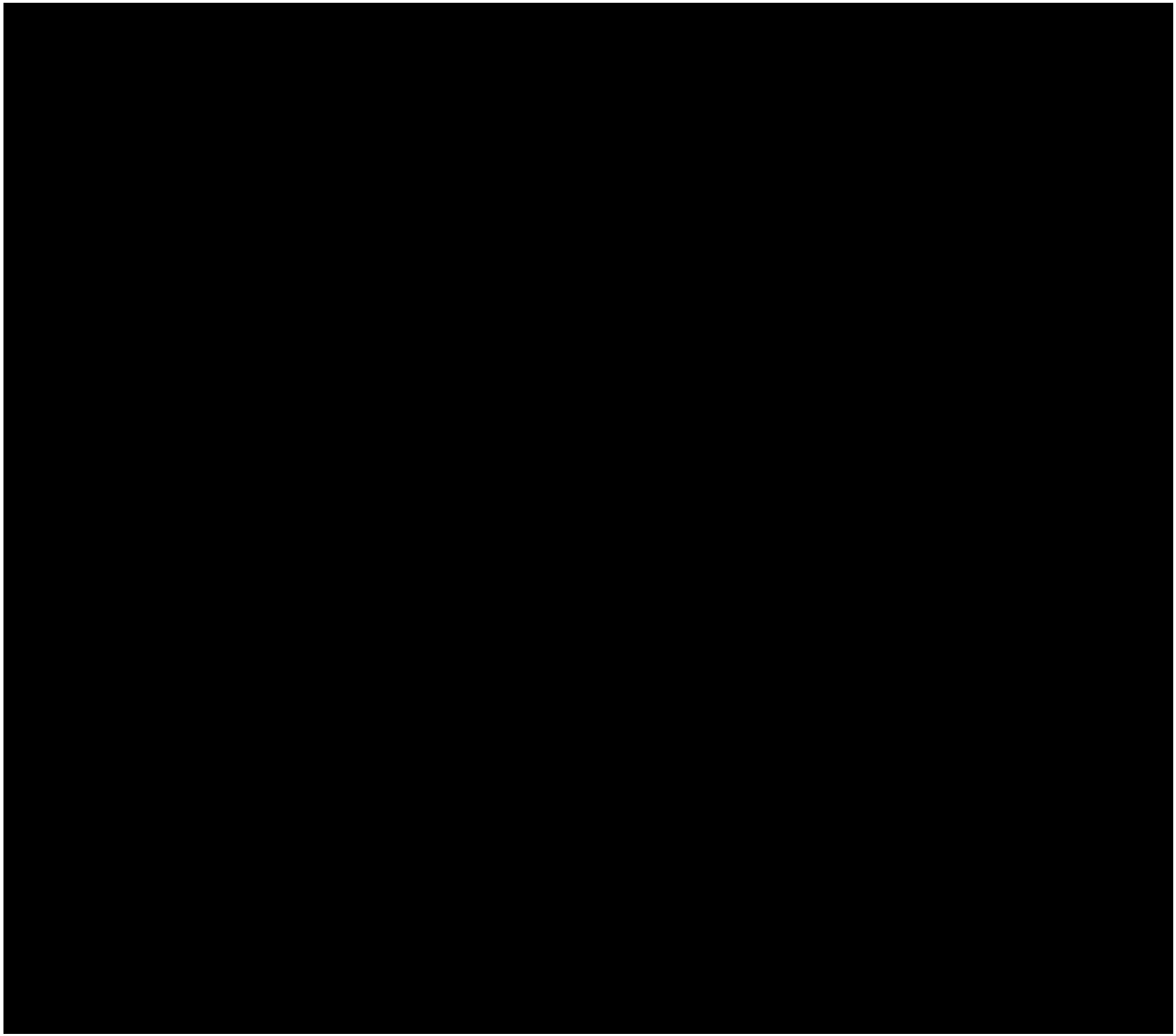
Appendix J – Project Cost Evidence



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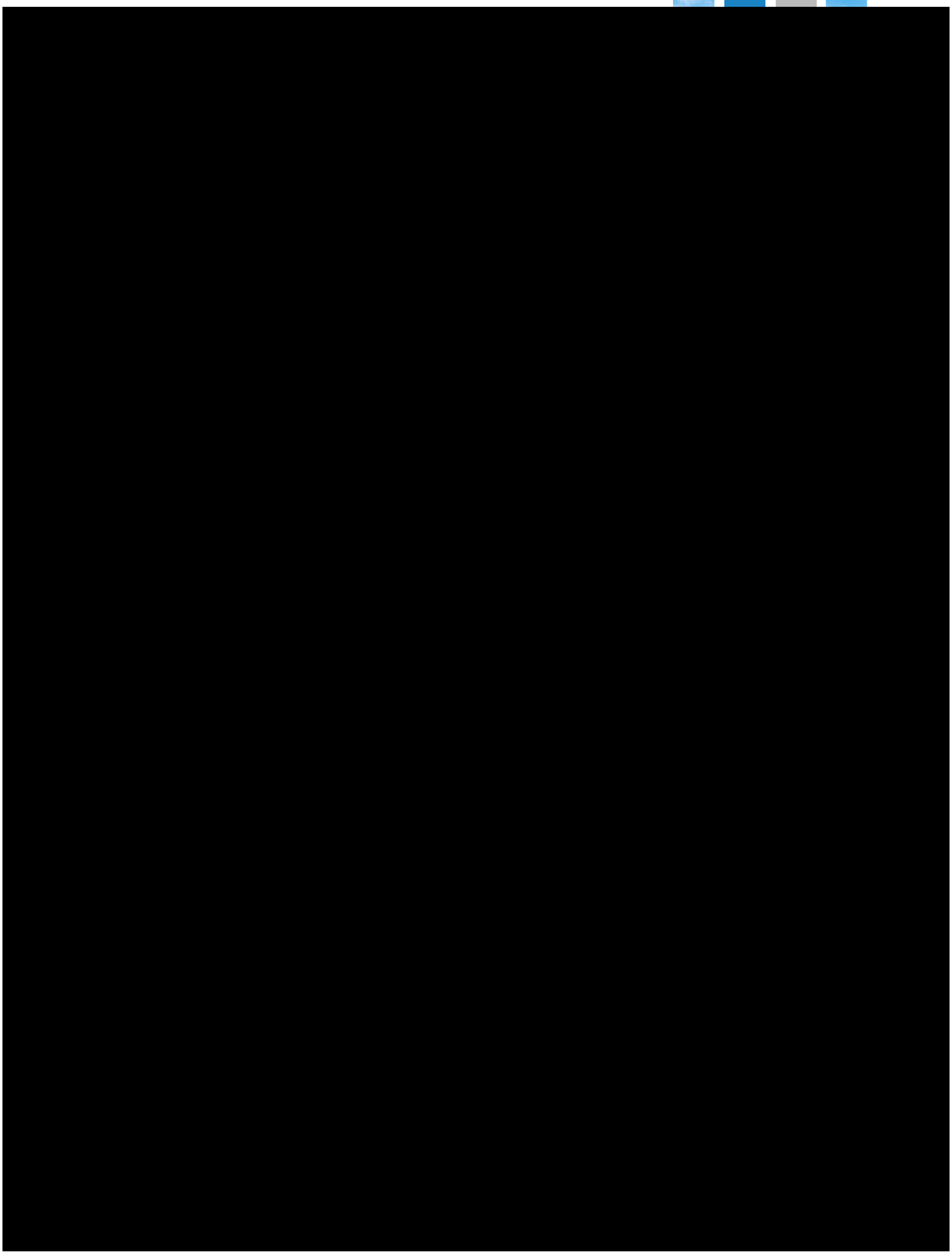
Appendix K – Workforce Development, Example Plan



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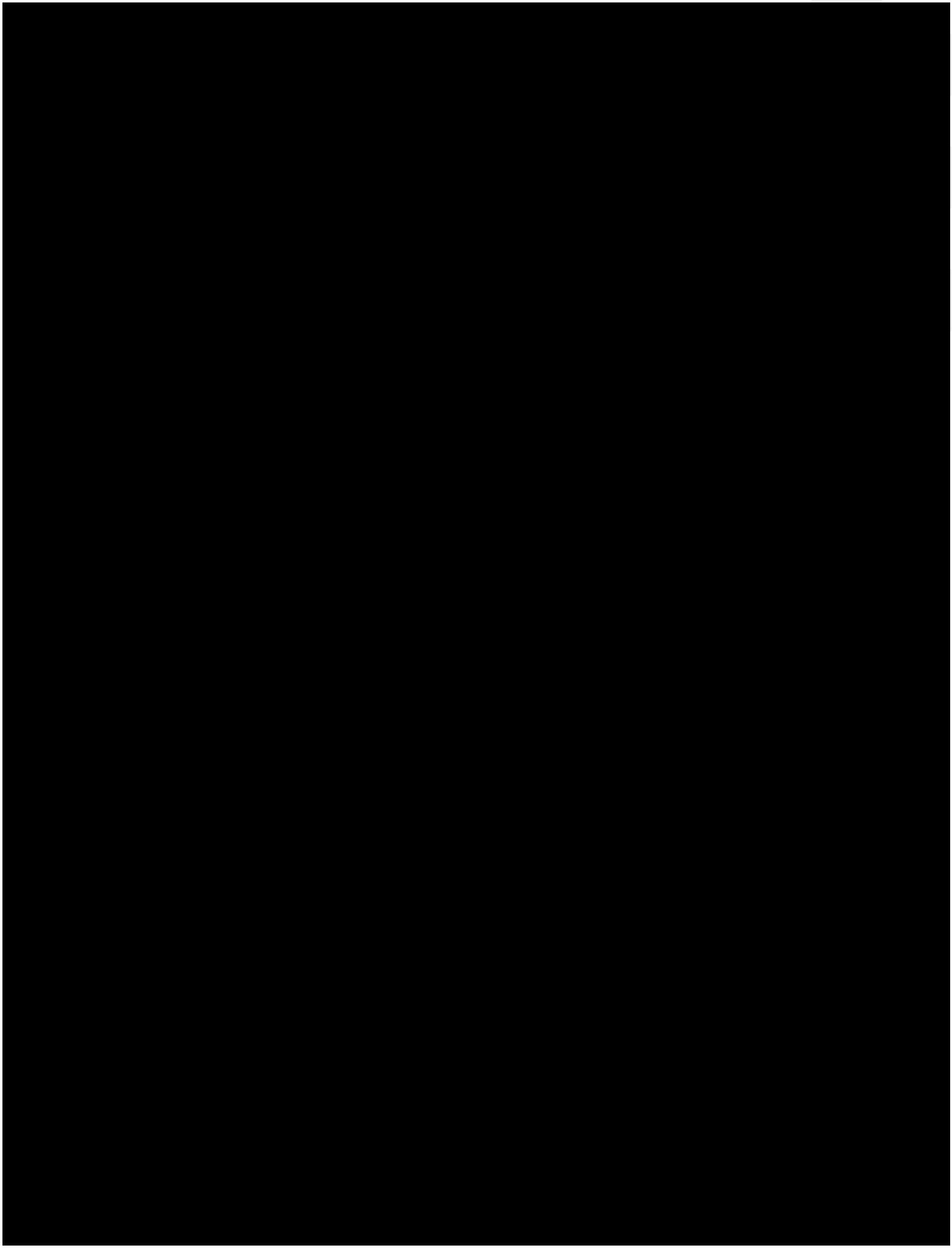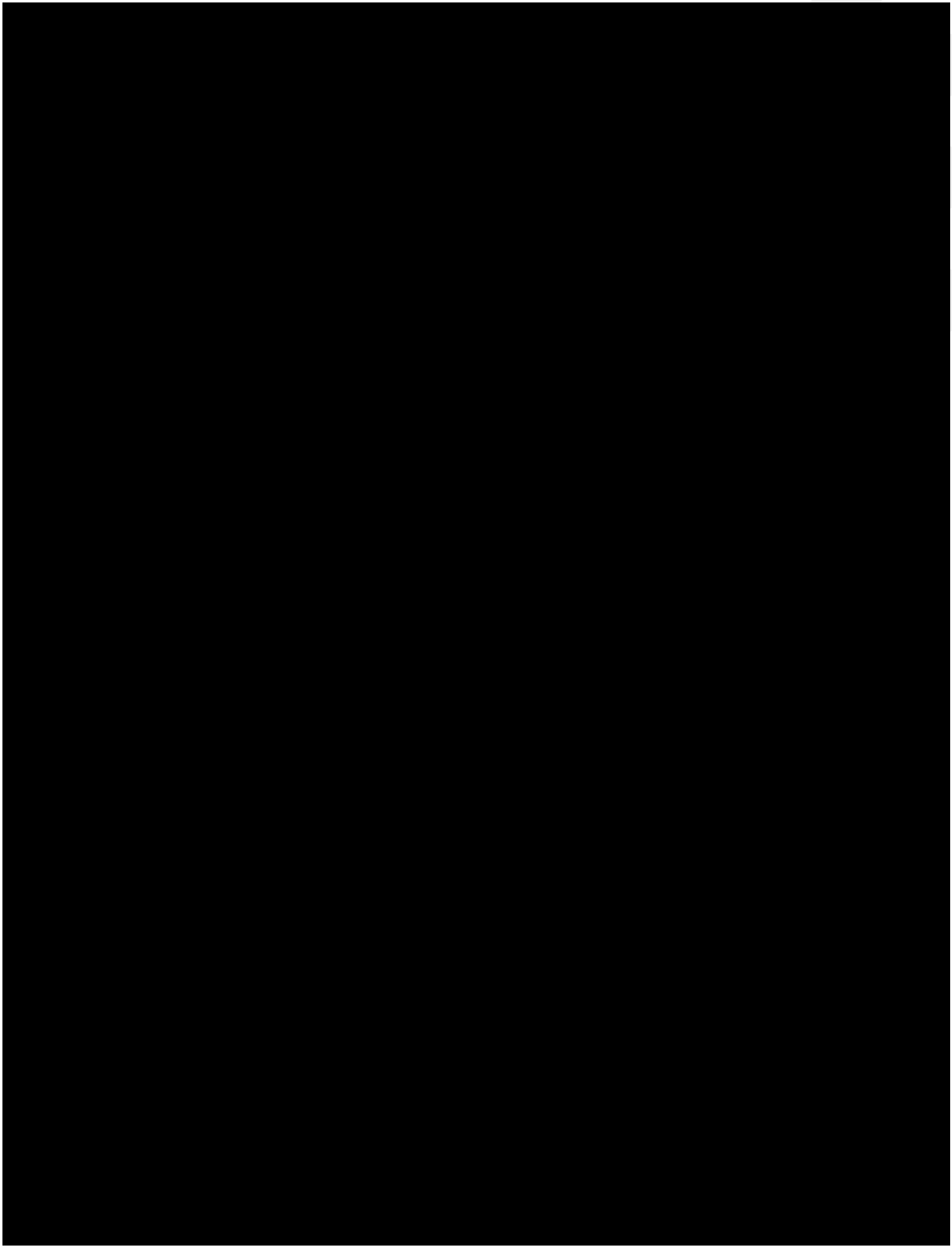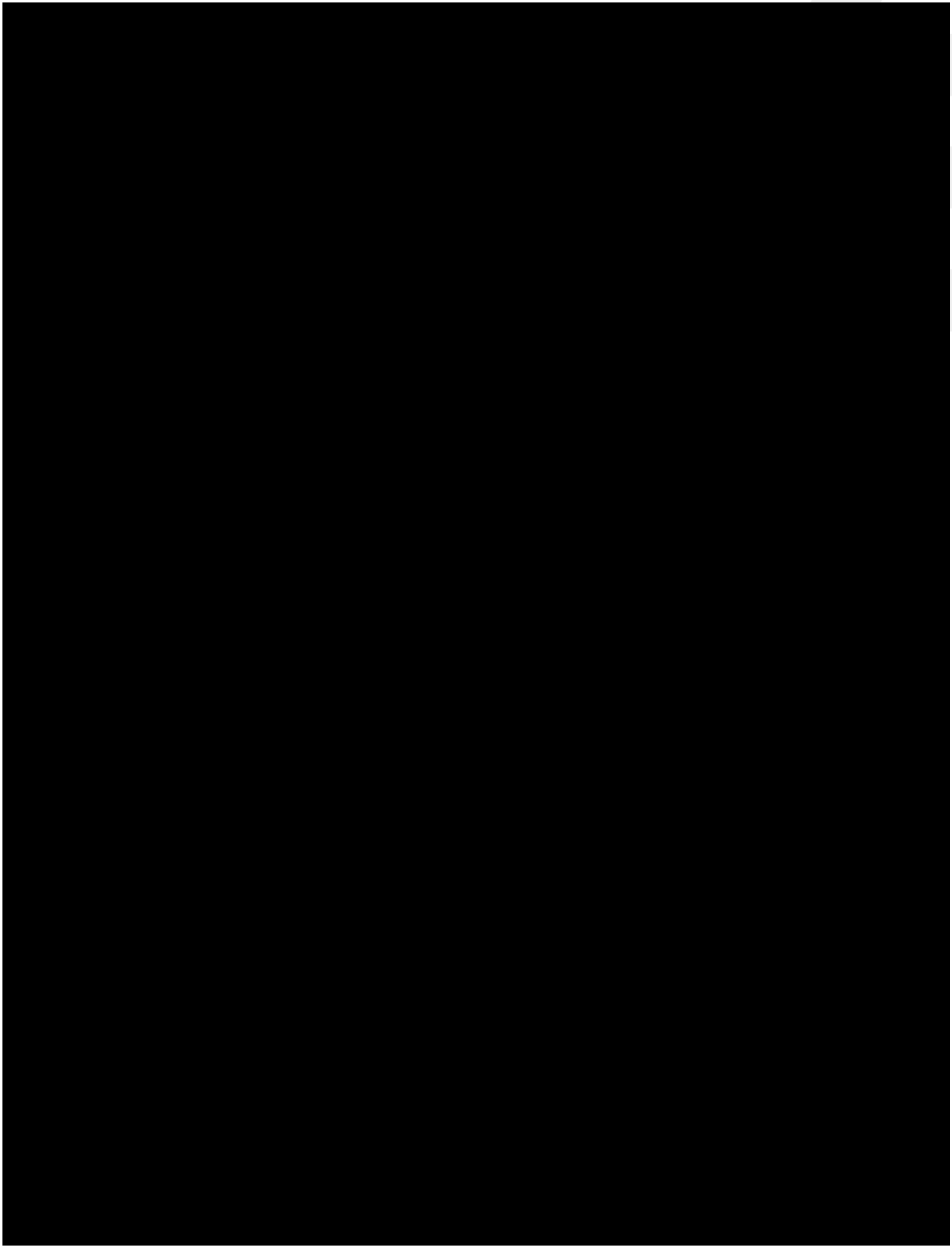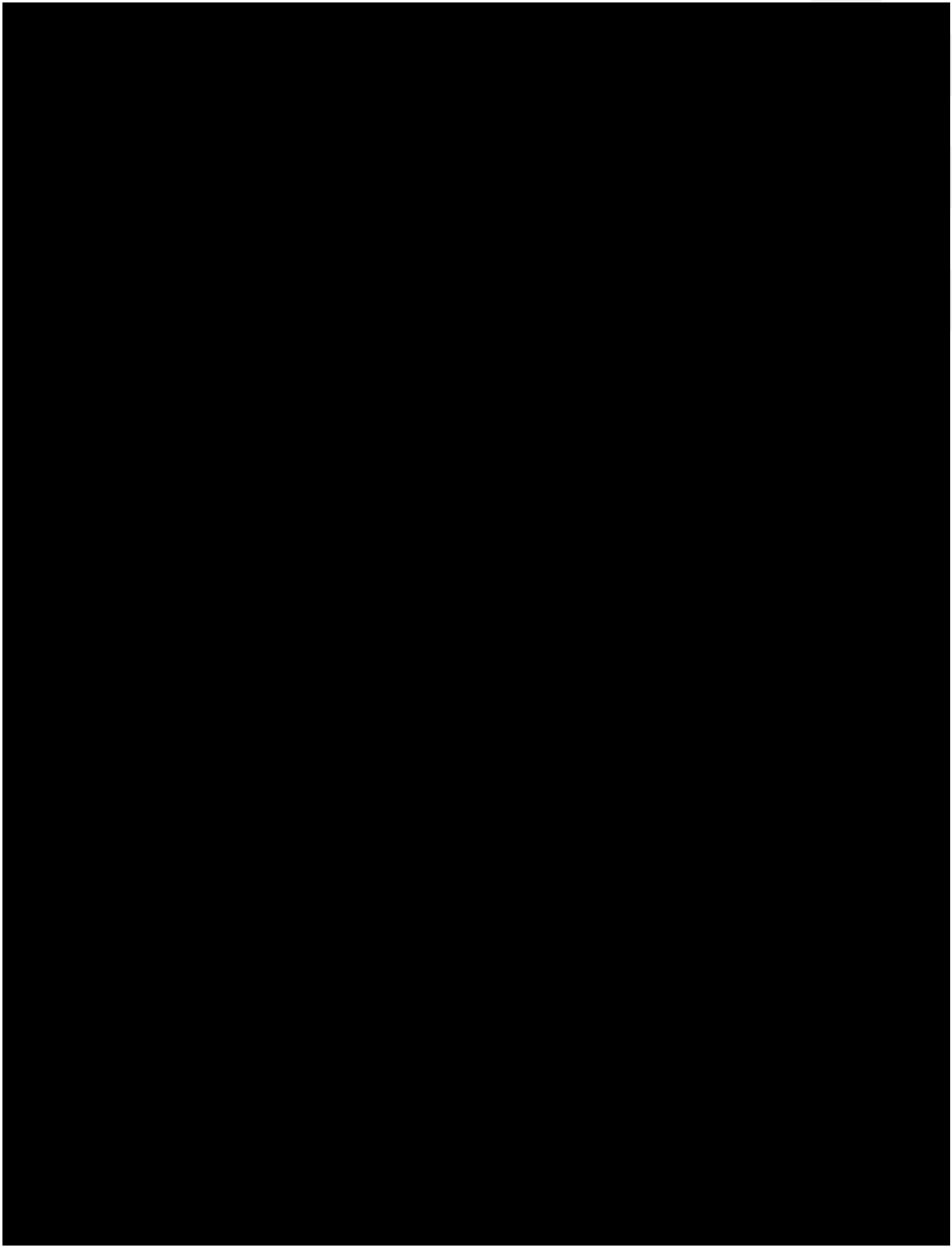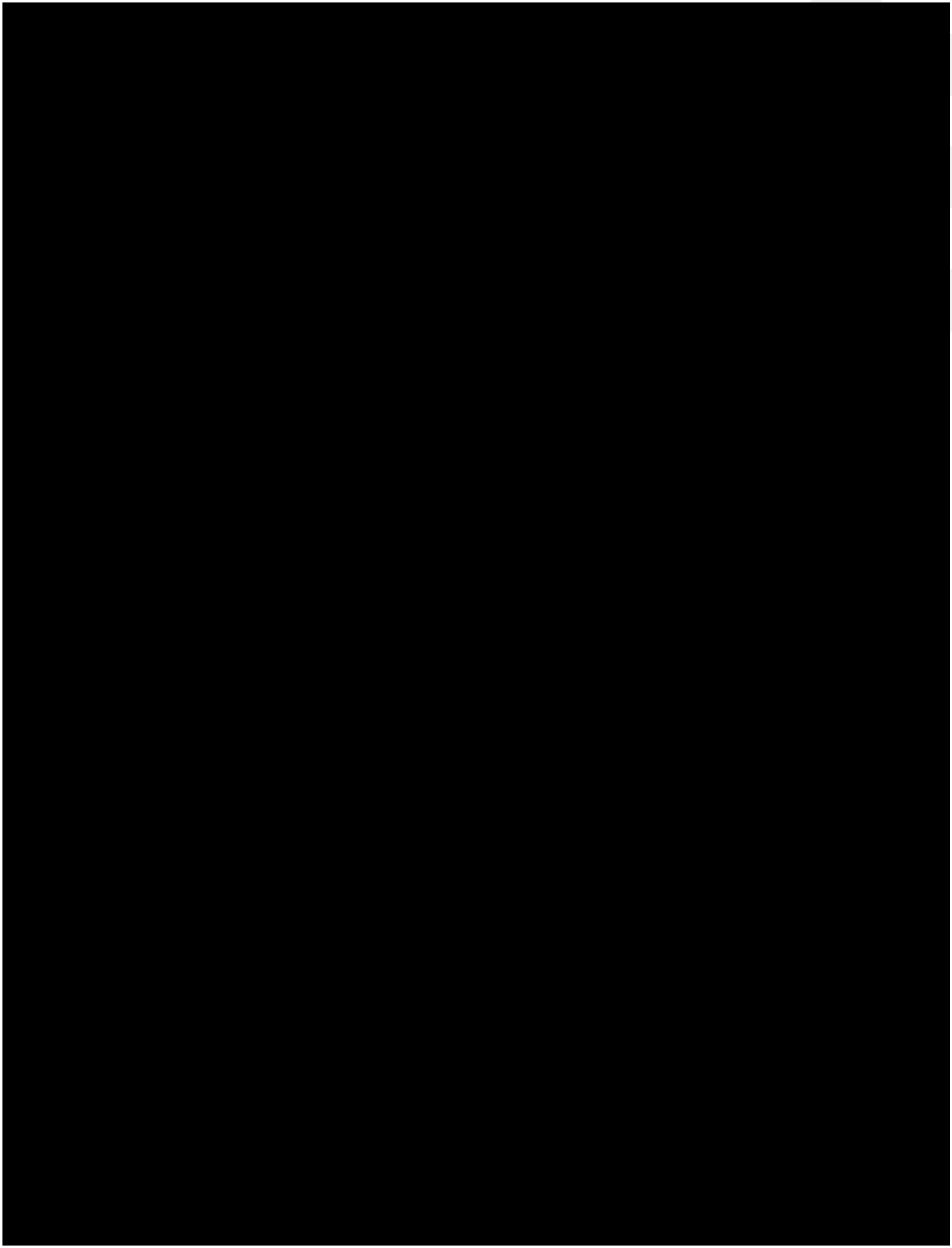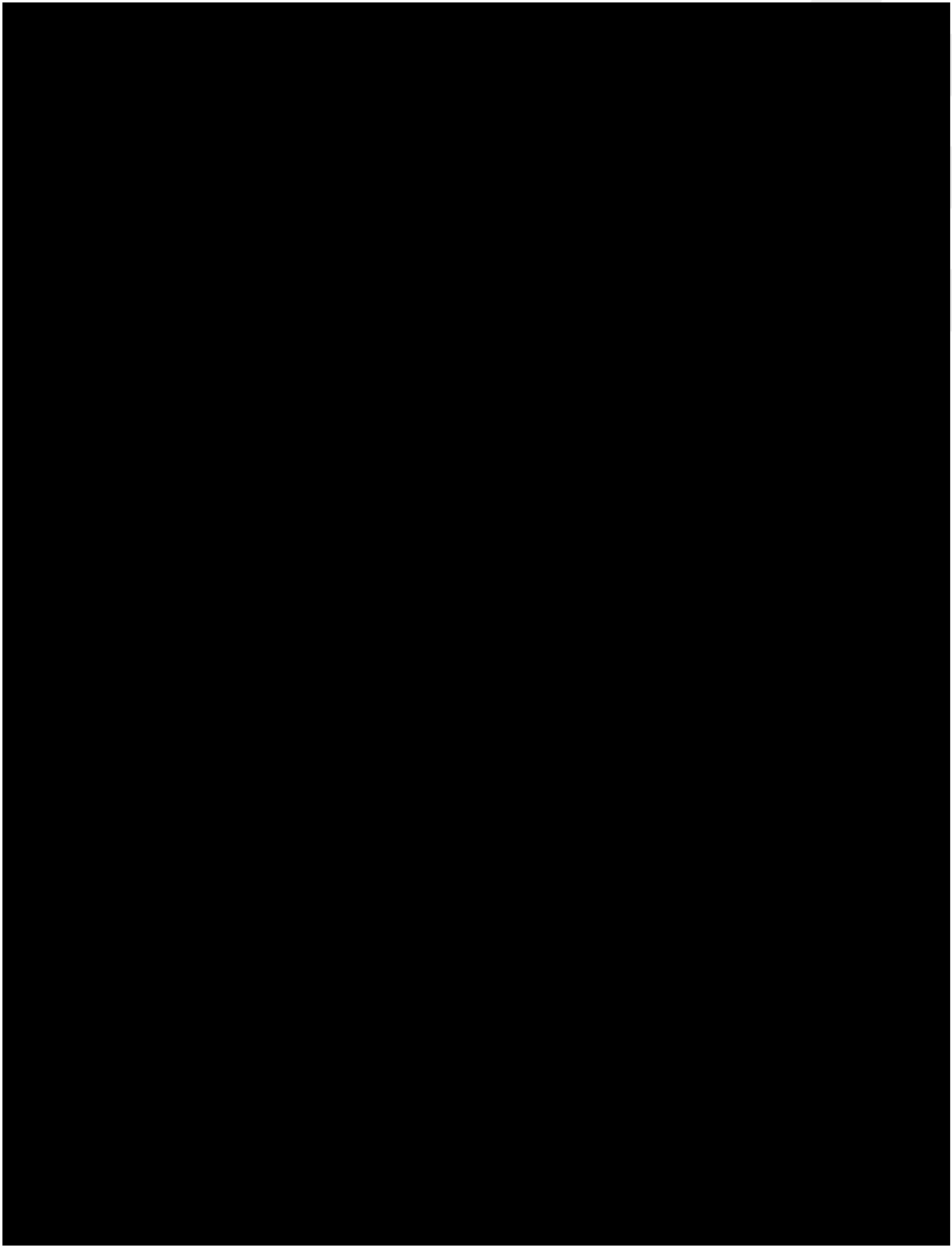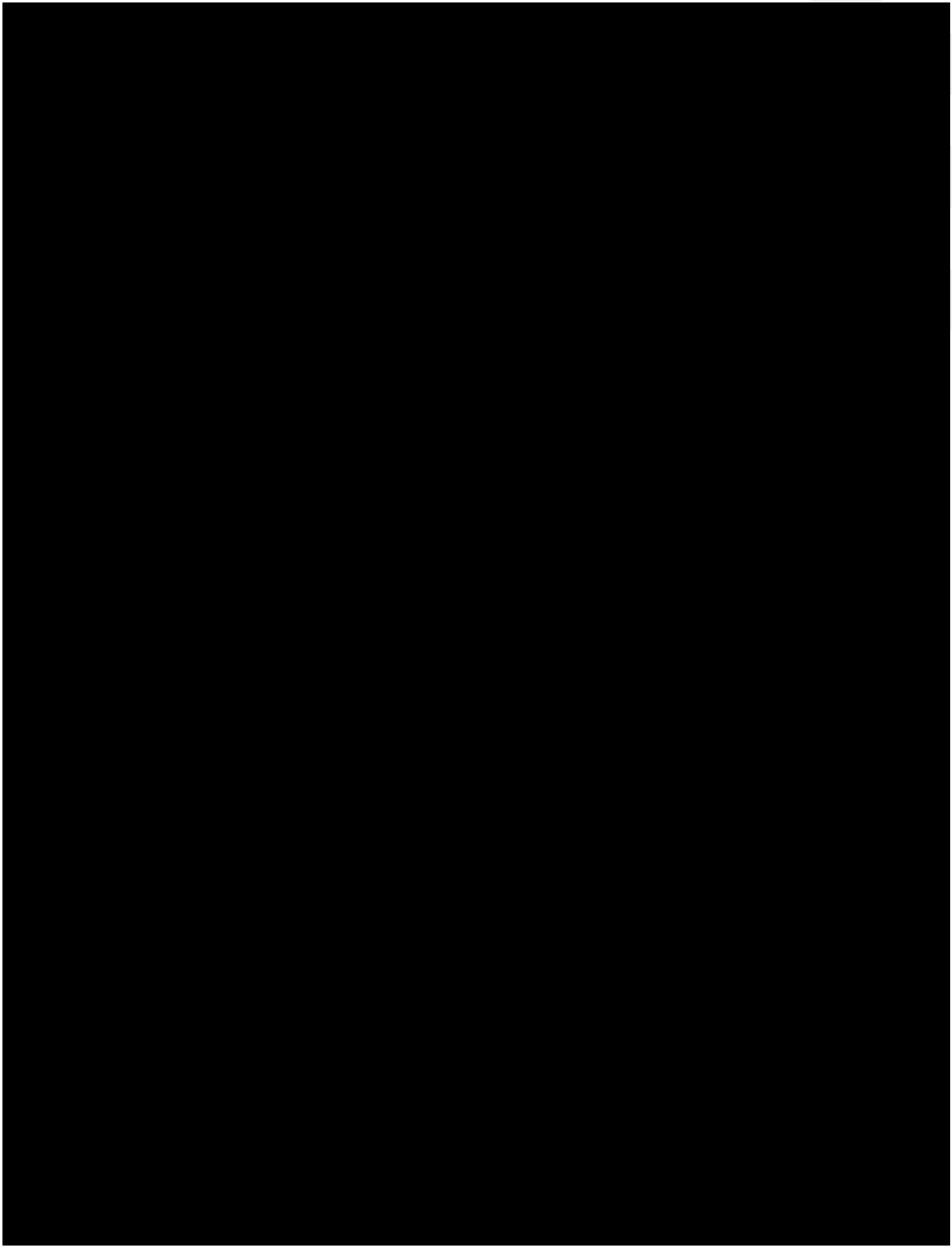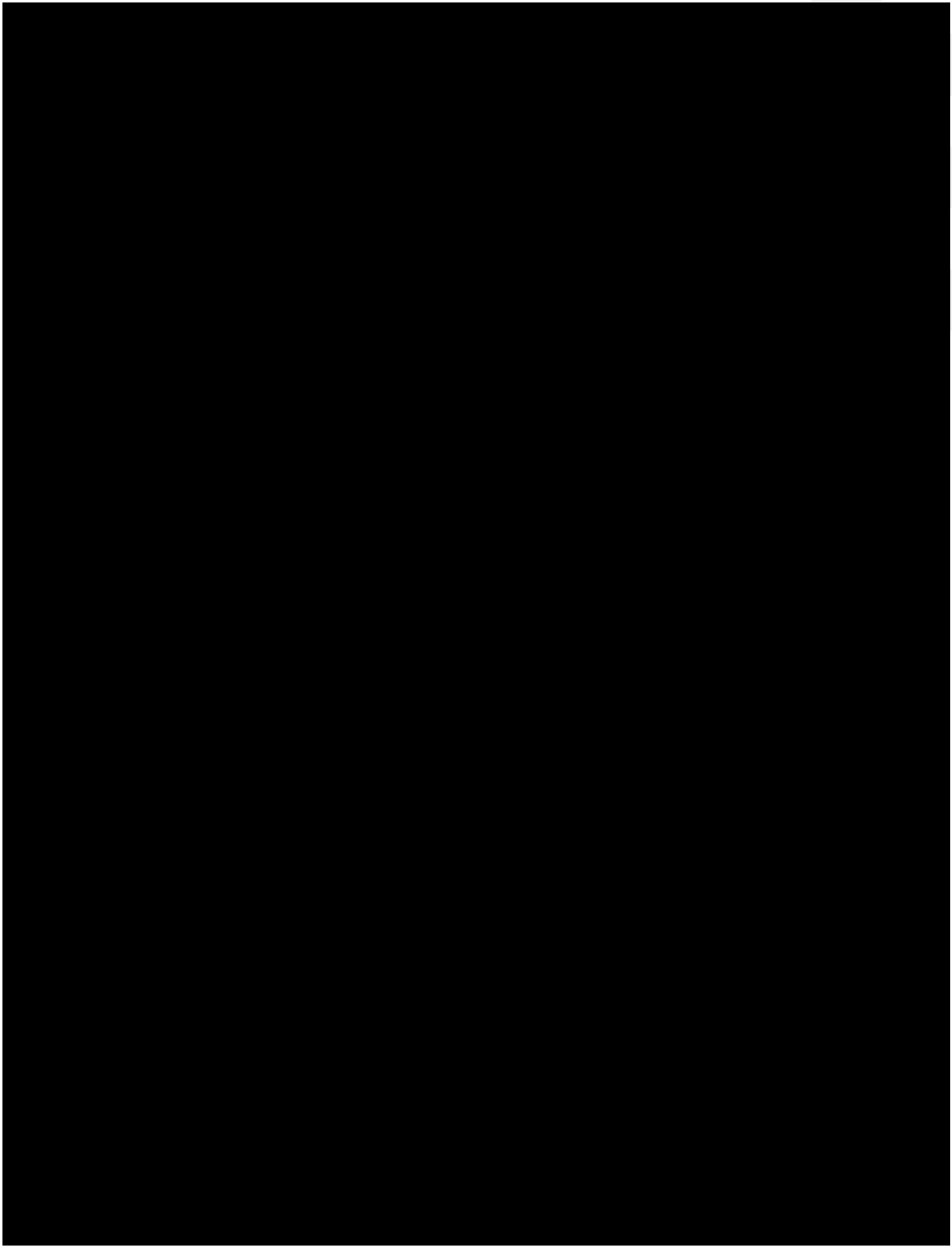
Appendix L – New Jersey EPC Partnership