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Project Description Update

#2

Corby Battery Energy Storage System Project

January 2026



Prepared for



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Acronyms and Abbreviations

| | |
|-------------|--|
| Addendum | Project Description Update |
| Applicant | Corby Energy Storage, LLC |
| Application | Opt-in Application |
| BESS | battery energy storage system |
| BOL | beginning of life |
| CLR | current limiting reactor |
| DC LINK | JF2 DC LINK |
| EMS | Energy Management System |
| EOL | end of life |
| HVAC | heating, ventilation, and air conditioning |
| LFP | lithium iron phosphate |
| LGES | LG Energy Solution |
| LORS | laws, ordinances, regulations, and standards |
| MW | megawatt |
| NFPA | National Fire Protection Association |
| PG&E | Pacific Gas and Electric |
| Project | Corby Battery Energy Storage System Project |
| SWPPP | Stormwater Pollution Prevention Plan |
| TMS | Thermal Management System |
| UL | Underwriters Laboratories |

1.0 INTRODUCTION AND PURPOSE

Since filing the Corby Battery Energy Storage System Project (Project) Opt-in Application (Application) in November 2024 and the Project Description Update (Addendum) in April 2025, the proposed battery manufacturer has changed. The Application originally specified Contemporary Amperex Technology Company (CATL)'s EnerC+ batteries; the Project will now use LG Energy Solution's (LGES) JF2 DC LINK (DC LINK) batteries, requiring updates to the project description and environmental analysis. Corby Energy Storage, LLC (the Applicant) is proposing the technology change to an alternative domestic battery supplier to reduce risk to Project execution and support the planned construction and commercial operation schedule. As a result of the change in technology, updates are needed due to a revised battery energy storage system (BESS) site plan, minor changes to the Project substation equipment and fenceline, and associated minor changes to site grading to accommodate the Project changes. Accordingly, this document serves as the updated analysis to account for these Project description updates.

Section 2.0 describes these Project description updates in further detail; Section 3.0 analyzes the potential environmental impacts resulting from these updates relative to the analysis included in the Application and Addendum. As discussed herein, the Project, with these updates, will not result in any significant environmental impacts.

2.0 PROJECT DESCRIPTION UPDATES

Section 2.1 describes the updates and additions to the Project design since submittal of the Application and subsequent Addendum, including the following elements:

- BESS Array Technology and Layout
- Project Substation
- Site Grading and Drainage

Section 2.2 provides updates to Project construction activities corresponding to the Project description updates. The remaining project features (gen-tie line and structures, water well, water tank, sound barrier, and laydown areas) remain unchanged.

The environmental analysis related to these Project description updates is provided in Section 3.0.

2.1 Project Design Updates

Figure 2-1 depicts the updated Project layout based on the proposed DC Link battery technology. This update also includes minor changes to the equipment within the Project substation, the substation and BESS array fencelines, sizing of stormwater ponds, and access road footprint. The existing site rendering is provided in Figure 2-2, and the proposed site rendering is provided in Figure 2-3. The updated site plan, equipment plan, elevation drawings, and grading plan are provided in Appendix 2-A and reflect the Project Description updates.

2.1.1 Battery Energy Storage System Array Technology and Layout

As discussed in the Application Section 2.3.2.1, the Project will continue to use lithium-ion battery technology, which is considered one of the safest, most easily understood, and most efficient methods of energy storage on the market. Lithium-ion technology has a long lifespan and boasts superior safety and stability characteristics. The Applicant is proposing DC LINK batteries manufactured by LGES. DC LINK is a BESS solution containing all the components of a BESS within a single product, including batteries, battery protection system, heating, ventilation, air conditioning (HVAC) and liquid cooling, Energy Management System (EMS), and more. The DC LINK batteries are conveniently designed to reduce construction costs and maximize uptime, energy density, and efficiency. The DC LINK specifications are provided in Appendix 2-B.

The BESS will remain comprised of multiple self-contained, prefabricated enclosure units in a parallel configuration with spacing between each unit as required by the manufacturer. A comparison of the Project design elements associated with the originally proposal CATL EnerC+ and currently proposed LGES DC LINK technologies is provided in Table 2-1. Each of the enclosure units will be approximately 9.5 feet tall, 8.4 feet wide, and 23.5 feet long. Batteries will continue to be placed within the BESS equipment yard on native compacted soil, gravel, and underground steel piles or concrete foundations. The initial BESS installation will include 303 BESS enclosures at the “beginning of life” (BOL). As batteries degrade over time, additional batteries will be installed approximately every 3 years, beginning in approximately year 6 of operations, to replenish the system and maintain an overall 300-megawatt (MW) output. At the “end of life” (EOL), the Project will include up to 341 BESS enclosures. The site plan accounts for this augmentation activity and depicts both the BOL and EOL BESS arrays (Appendix 2-A).

Table 2-1. BESS Technology Design Comparison

| BESS Project Features | Original CATL EnerC+ | Proposed LGES DC LINK |
|-------------------------|--------------------------------------|--|
| Dimensions | 9.5 ft tall * 8 ft wide * 20 ft long | 9.5 ft tall * 8.4 ft wide * 23.5 ft long |
| BESS BOL | 384 | 303 |
| BESS EOL | 544 | 341 |
| Inverters BOL | 96 | 101 |
| Inverters EOL | 136 | 114 |
| BESS Array Access Roads | 24 feet | 30 feet |

The enclosure units will continue to contain lithium-ion batteries stored on racking, and there will be no internal open space available for entry or occupation. All battery racking will continue to be fully accessible from the exterior of the enclosure via external doors. Each enclosure unit will continue to be equipped with a Thermal Management System (TMS) for regulating the temperature of the batteries. Power to the TMS will continue to be provided through a connection to the onsite station service transformer, with connection lines installed above and/or below ground.

Similar to the prior design, the Project will continue to install inverters within the BESS yards adjacent to the battery enclosures. The inverters convert between alternating current, which is used by the transmission grid, and direct current, which is used to charge and discharge the batteries. As depicted

on Figure 2-1, the Project will initially include 101 inverters (BOL) and, following full augmentation, will be expanded to 114 inverters at EOL.

As a result of the change in the battery manufacturer, internal access roads will increase in width from 24 feet to 30 feet to meet LGES equipment delivery requirements. In addition, to accommodate equipment delivery and ensure adequate turning and maneuvering space, the BESS array entrance and access road turning radii have been increased.

Each enclosure unit will continue to have a fire rating in conformance with the local fire authority and the correlating fire code. Additionally, the proposed Project will continue to use designs and equipment that have undergone Underwriters Laboratories (UL) 9540A testing and meet other applicable UL and National Fire Protection Association (NFPA) standards. The Project will continue to comply with applicable fire code and standards, such as NFPA 855, California Fire Code 1207, and UL 9540. Collectively, these standards will continue to require exclusive use of batteries that are UL certified and built-in fail safes designed specifically to prevent thermal runaway and the spread of fire. This includes UL 9540A testing to validate their ability to limit a thermal runaway event. Additionally, continuous monitoring and detection systems will be included to meet California and Solano County fire code standards. Batteries will continue to be remotely operated and will be shut down automatically if abnormal conditions occur.

The JF2 platform represents LGES's latest generation of energy storage technology. Some of these enhancements include:

- Cell Chemistry: JF2 uses lithium iron phosphate (LFP) cells, which have excellent thermal stability.
- Passive approaches for mitigating thermal runaway propagation.
- Cooling System: Advanced liquid cooling provides enhanced thermal management.
- Skidded Design: Includes pre-wiring and pre-testing.
- Explosion Protection: Builds upon previous fire safety engineering and includes roof exhaust vents, intake fans and dampers, and deflagration panels for mitigating partial volume deflagrations.

LGES confirms that, as of January 12, 2026, there have been no reported thermal events involving JF2 AC-LINK or JF2 DC-LINK products deployed in the field, under commissioning, or in testing environments.

Updated Basis of Design documentation is provided in Appendix 2-B.

The following DC LINK Fire and Safety reports are provided as Appendix 2-C:

- UL 9540A Reports and Certificate for the DC LINK Batteries
- Large Scale Fire Test
- UL 1973 Certificate
- Fire Protection System

- Battery Safety Data Sheet

2.1.2 Project Substation

The Project substation design has been modified to now include two current limiting reactors (CLRs) to control current spikes and equalize power flow within the parallel circuits. The addition of CLRs will require elongation of the substation equipment and expansion of the fenceline by approximately 28 feet to the north. The width of the fenceline area will be reduced by approximately 60 feet, resulting in a new Project substation acreage of 1.85 acres (previously 2.1 acres). Finally, the alignment of the substation access road has adjusted slightly to the north as a result of the increase in size of the northern stormwater pond and lengthened slightly to the west due to the reduction in Project substation width.

All modified project components and activities, including the revised substation fenceline will remain within the previously analyzed 65.9-acre overall Project footprint. The updated Project substation general layout, general elevations, and one-line diagram are provided as Appendix 2-D.

2.1.3 Site Grading and Drainage

With the changes to the battery type, the site plan for the Project has changed slightly from that previously described in the Application and the May 2025 Addendum. These changes include updates to the stormwater ponds dimensions, increased turning radius of all roads within the Project fenceline to meet manufacturer requirements, a longer access road to the substation, substation dimensions (described in Section 2.1.2), and amount of cut/fill slopes around the Project.

Cumulatively, these changes have resulted in an increase in the grading area from 18.6 acres to 19.6 acres, an increase of approximately 1 acre or 5 percent. Table 2-2 provides a list of the Project features and associated acreage changes as a result of the revised site plan. A figure showing the updated limits of grading relative to the May 2025 Project Description Addendum is provided as Figure 2-4.

Table 2-2. Project Feature Acreage Comparison

| Project Feature | Reason for Change | Previous Acreage ^{1/} | Proposed Acreage |
|-----------------------------------|--|--------------------------------|------------------|
| Northern Stormwater Pond | Increased in size due to reduction in size of southern stormwater pond | 1.0 | 1.4 |
| Southern Stormwater Pond | Reduction in size due to updated turning radius and width for internal roads needed within BESS Array Area | 1.1 | 0.9 |
| BESS Array Area | Changes to internal access road widths and turning radius requirements | 11.4 | 11.6 |
| BESS Access Roads ^{2/} | No change | 0.1 | 0.1 |
| Substation Access Road | Longer access road needed from Byrnes Road due to reduction in size of substation footprint | 0.2 | 0.3 |
| Project Substation | Addition of CLRs and reduction in size of substation | 2.1 | 1.8 |
| Cut/fill slope (to be reseeded) | Modifications to grading as result of other changes | 2.7 | 3.5 |
| Total Project Grading Area | | 18.6 | 19.6 |

1/ May 2025 Project Description Update Addendum TN# 263283

2/ Includes portion of BESS access roads outside of the BESS yard fence line

Although the proposed grading area for both the BESS yard as well as the substation has increased, the cut/fill has decreased significantly from 24,550 cubic yards of import fill to approximately 5,538 cubic yards of import fill based on the updated site civil design. An updated preliminary grading plan is provided in Appendix 2-A. The proposed changes result in a decrease of import fill required to construct the Project.

In addition, the capacity for stormwater drainage has also changed as shown in Table 2-3 and discussed further in Section 3.10 Hydrology/Water Quality. While the acreage for both ponds has changed, the volume for both will increase and provide adequate capacity for stormwater drainage.

Table 2-3. Stormwater Pond Features

| Stormwater Pond Features | Previous | Proposed |
|---------------------------------|-----------------------------|---------------|
| Northern Stormwater Pond | | |
| Acreage | 1.0 | 1.4 |
| Pond Volume Provided | 144,306 cu ft ^{1/} | 266,093 cu ft |
| Southern Stormwater Pond | | |
| Acreage | 1.1 | 0.9 |
| Pond Volume Provided | 179,236 ^{1/} | 210,009 cu ft |

^{1/} Table 2.5 Pond Capacity Summary, Appendix 4.10A Hydrology and Hydraulics Analysis TN# 259895

The change in battery technology and substation equipment will have no impact on excavation, trenching, and foundation depth information previously provided in the Application.

2.2 Project Construction Updates

2.2.1 Construction Schedule

Project construction remains a 15-month schedule, as discussed in Section 2.2.1 Construction Schedule provided in the May 2025 Addendum. The revised Project features described in this Project Description Update will be integrated into this schedule with no changes to duration or timing.

2.2.2 Construction Workforce

The total construction workforce provided as Section 2.2.2 Construction Workforce in the May 2025 Addendum will remain the same. No additional workforce beyond that described in the Addendum will be needed.

2.2.3 Construction Equipment

Construction equipment described in the May 2025 Addendum will remain the same. No additional equipment beyond that described in the Addendum will be needed.

3.0 ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

An analysis of each of the environmental areas included in the Application is presented below, as related to the Project changes included in Section 2.0. Additionally, applicable laws, ordinances, regulations, and standards (LORS) have been reviewed to determine the Project's consistency with them.

3.1 Aesthetics

The Project Aesthetics analysis update is currently underway and will be provided under separate cover.

3.2 Agriculture and Forestry

The Project description updates described in Section 2.0 will not result in significant impacts related to agriculture and forestry resources that will be greater than those analyzed in the Application and the May 2025 Addendum.

With the change in equipment and site plan updates, the Project grading acreage at the BESS array and Project substation has increased by approximately 1 acre from 18.6 to 19.6 acres as shown in Table 2-1. These differences are related to small changes in access road widths, substation refinements, and alterations to the stormwater retention ponds dimensions as shown in Figure 2-4. This minor increase in the grading area will have no effect on the amount of farmland converted to a non-agricultural use (40.3 acres). The Applicant has proposed mitigation to secure 60.5 acres of protected agricultural mitigation lands within Solano County as outlined in the Agricultural Mitigation Plan (Data Request Response #3, TN# 265885).

Therefore, construction and operation of the modified Project equipment and fenceline will not impact or convert any additional agricultural lands beyond those previously assessed and mitigated for as described in the Application and subsequent filings. The Project, with the revised components, will comply with applicable LORS related to agriculture and forestry resources. Therefore, agriculture and forestry resource impacts remain less than significant.

3.3 Air Quality

The Project air quality and public health analysis is currently underway and will be provided under separate cover.

3.4 Biological Resources

The Project description updates described in Section 2.0 will not result in significant impacts related to biological resources that will be greater than those analyzed in the Application and the May 2025 Addendum. The changes in BESS equipment and site plan have resulted in a minor increase of permanent impact acreage by approximately 0.2 acres as shown in Table 3-1, while simultaneously lowering the temporary impact acreage. However, all Project activities will occur within the 65.9-acre overall Project footprint as previously defined in the Application, and no additional lands will be disturbed outside of the previously analyzed footprint discussed in the Application and the May 2025 Addendum.

Table 3-1. Project Impact Table^{1/}

| Project Site Impacts | Habitat Type | Acres ^{2/} |
|---------------------------------------|-----------------|---------------------|
| Project Site Permanent Impacts | | |
| Northern Stormwater Pond | Fallow Farmland | 1.0-1.4 |
| Southern Stormwater Pond | Fallow Farmland | 1.1-0.9 |

| Project Site Impacts | Habitat Type | Acres ^{2/} |
|---|---|-------------------------------|
| Project Substation | Fallow Farmland | 2.1 1.8 |
| BESS Array Area | Fallow Farmland | 11.4 11.6 |
| BESS Access Roads | Fallow Farmland | 0.1 |
| Substation Access Road | Fallow Farmland | 0.2 0.3 |
| Total Project Site Permanent Impacts | | 15.9-16.1^{4/} |
| Permanent Impact – Orchard Removal | | |
| Gen-tie Laydown Area | Orchard | 7.2 |
| Gen-tie Corridor (south of I-80) ^{3/} | Orchard | 14.4 |
| Total Permanent Impact - Orchard Removal | | 21.6 |
| Temporary Impacts | | |
| Project Site Northern Laydown Area | Fallow Farmland | 4.5 |
| Project Site Southern Laydown Area | Fallow Farmland | 8.8 |
| Project Site Work Areas | Fallow Farmland | 11.2 11.1 |
| PG&E Substation Work Area | Non-Native Forest & Developed/Disturbed | 3.8 |
| Total Temporary Impacts | | 28.3 28.2 |
| Total Disturbance Footprint | | |
| 65.9 | | |

1/ Replaces Data Request Response #1, Table 3-4 Project Impact Table (TN# 262555). Updates are provided in strikeout and bold text for convenience.

2/ Acreages are rounded to the nearest 0.1 acre.

3/ Approximate gen-tie corridor construction disturbance area (including gen-tie option 1 or 2, not both)

4/ Table 2-1 includes 3.5 acres of cut/fill slopes which are a temporary impact to foraging habitat as these will be reseeded once the project is built. This 3.5 acres is accounted as a temporary impact within "Project Site Work Areas".

While an increase of approximately 0.2 acres is anticipated for permanent impacts, resulting in approximately 16.1 acres of foraging habitat loss, the Applicant will secure up to 40 acres of Swainson's hawk foraging habitat mitigation lands within Solano County in coordination with Solano Land Trust, as determined necessary by the California Energy Commission to mitigate impacts to Swainson's hawk foraging habitat loss (see response to REV 1 DR BIO-3 [Data Request Response #3, TN# 265885]).

The increase in permanently impacted acreage is negligible and will be mitigated through habitat conservation. The Project Description updates presented in Section 2.0 will not impact any additional biological resources beyond those previously assessed in the Application and May 2025 Addendum; and the Project, with the addition of these components, will comply with applicable LORS as related to biological resources. Therefore, biological resource impacts will be less than significant.

3.5 Cultural Resources

The Project Description updates described in Section 2.0 will not result in impacts related to cultural resources that will be greater than those analyzed in the Application and the May 2025 Addendum. All updates remain within the previously analyzed 65.9-acre overall Project footprint and are not expected to cause impacts beyond those identified in the Application and Addendum.

Construction and operation of the modified Project facilities will not impact any additional historical or archaeological resources beyond those previously assessed and the Project, with the revised

components, will comply with applicable LORS as related to cultural resources. Therefore, cultural resource impacts remain less than significant.

3.6 Energy

The Project Energy analysis is currently underway and will be provided under separate cover.

3.7 Geology, Soils, and Paleontological Resources

The Project Description updates described in Section 2.0 will not result in impacts related to geology, soils, and paleontological resources that will be greater than those analyzed in the Application and the May 2025 Addendum.

With the change in equipment and site plan updates, the Project grading acreage at the BESS array and Project substation has increased by approximately 1 acre from 18.6 to 19.6 acres as shown in Table 2-1. These differences are related to small changes in access road widths, substation refinements, and alterations to the stormwater retention ponds dimensions as shown in Figure 2-4. This minor increase in the grading area will have no substantive effect on the estimated soil loss due to water and wind erosion reported in the Section 4.7 of the Application. With the development of a stormwater pollution prevention plan (SWPPP) and implementation of associated stormwater and erosion control best management practices, soil and wind erosion during construction will be significantly reduced relative to unmitigated erosion and will remain comparable to existing conditions.

The Project, with the revised components, will comply with applicable LORS as related to geology and soils. Therefore, impacts to geology, soils, and paleontological resources remain less than significant.

3.8 Greenhouse Gases

The Project Greenhouse Gas analysis is currently underway and will be provided under separate cover.

3.9 Hazards and Hazardous Materials

The Project Hazards and Hazardous Materials analysis is currently underway and will be provided under separate cover.

3.10 Hydrology/Water Quality

The Project Description updates described in Section 2.0 will not result in impacts related to hydrology or water quality that will be greater than those analyzed in the Application and the May 2025 Addendum. All modified Project components, including the two resized stormwater ponds, will remain within the previous 65.9-acre overall Project footprint and are not expected to cause impacts beyond those identified in the Application and Addendum.

The two stormwater ponds have been resized as a result of the site layout changes to the BESS array, Project substation, and access roads. The northern stormwater pond has increased from 1.0 acre to 1.4 acres, while the southern stormwater pond has been reduced in size from 1.1 acres to 0.9 acres.

Combined, the stormwater ponds acreage has increased by 0.2 acres. The updated pond capacity is provided in Table 3-2.

Table 3-2. Pond Capacity Summary

| Project Feature | Previous Pond Volume Required (cu ft), 10-Year, 24-hour ¹ | Previous Pond Volume (cu ft) ¹¹ | Proposed Pond Volume Required (cu ft), 10-Year, 24-hour | Proposed Pond Volume (cu ft) |
|--------------------------|--|--|---|------------------------------|
| Northern Stormwater Pond | 111,163 | 144,306 | 109,730 | 266,093 |
| Southern Stormwater Pond | 119,270 | 179,236 | 120,581 | 210,009 |

¹/ Table 2.5 Pond Capacity Summary, Appendix 4.10A Hydrology and Hydraulics Analysis TN# 259895

The northern pond will have a bottom elevation of 71 feet and top elevation of 76 feet. The southern pond will have a bottom elevation of 70 feet and top elevation of 75 feet. The ponds will utilize a spillway weir to manage the flows exiting the basin. The weir will remain 6 inches deep and 12-foot wide. Riprap aprons will be provided to protect the transitions between the drainage ditches and stormwater ponds. Riprap spillways will be provided at the stormwater pond overflow spillways, after which the flow will disperse and travel overland in sheet flow to the Byrnes Road drainage ditch. The ponds will ultimately outfall to the ditch along Byrnes Road similar to pre-construction conditions.

The ponds will ensure that future peak discharges from the facility do not exceed the peak discharges for the 100-year, 24-hour storm under current conditions as required by the County's drainage design criteria requirements. The proposed basins will have adequate excess capacity to accommodate any minor increases of surface runoff due to increased impervious surface area of the BESS array and widened roads.

With the changes described, similar to what was provided in the Application and Addendum, operations and maintenance of the Project will not result in substantial erosion and sedimentation, increase surface runoff resulting in flooding, runoff water volumes that exceed the stormwater drainage system capacity, or cause changes, especially increases, in flood flows.

The Project, with the changes to the proposed components, will comply with applicable LORS as related to hydrology/water quality. Therefore, hydrology/water quality impacts remain less than significant. Therefore, Project operations should have a less than significant impact on surface runoff and drainage.

3.11 Land Use and Planning

The Project Description updates described in Section 2.0 will not result in impacts related to land use and planning that will be greater than those analyzed in the Application and the May 2025 Addendum. These changes remain within the previously analyzed 65.9-acre Project footprint and are not expected to cause impacts beyond those identified in the Application and Addendum.

Construction and operation of the modified Project facilities will not conflict with any land uses beyond those previously assessed, and the Project, with the revised components, will comply with

applicable LORS as related to land use and planning. Therefore, land use and planning impacts will be less than significant.

3.12 Mineral Resources

The Project Description updates described in Section 2.0 will not result in impacts related to mineral resources that will be greater than those analyzed in the Application and the May 2025 Addendum. These changes remain within the previously analyzed 65.9-acre overall Project footprint and are not expected to cause impacts beyond those identified in the Application and Addendum.

Construction and operation of the modified Project facilities will not impact any mineral resources beyond those previously assessed and the Project, with the revised components, will comply with applicable LORS as related to mineral resources. Therefore, mineral resources impacts remain less than significant.

3.13 Noise and Vibration

The updated Project noise analysis is currently underway and will be provided under separate cover.

3.14 Population and Housing

The Project description updates described in Section 2.0 will not cause impacts to population, housing, employment, or fiscal resources beyond those previously assessed in the Application and the May 2025 Addendum. The Project, with the revised components, will comply with applicable LORS as related to population and housing. Therefore, population and housing impacts will be less than significant.

3.15 Public Services

The Project Description updates described in Section 2.0 will not result in impacts related to public services beyond those previously assessed in the Application and the May 2025 Addendum. These changes remain within the previously analyzed 65.9-acre overall Project footprint and are not expected to cause impacts beyond those identified in the Application and Addendum.

Construction and operation of the modified Project facilities will not impact any public service areas such as police protection, fire protection, schools, parks, libraries and medical providers beyond those previously assessed in the Application. The Project, with the revised components, will comply with applicable LORS as related to public services. Therefore, public services impacts remain less than significant.

3.16 Recreation

The Project Description updates described in Section 2.0 will not result in impacts related to recreational resources beyond those previously assessed in the Application and the May 2025 Addendum. These changes remain within the previously analyzed 65.9-acre overall Project footprint and are not expected to cause impacts beyond those identified in the Application and Addendum.

Construction and operation of the modified Project facilities will not impact any recreational opportunities or sites beyond those previously assessed and the Project, with the revised components, will comply with applicable LORS as related to recreation. Therefore, recreation impacts remain less than significant.

3.17 Transportation

The Project Description updates described in Section 2.0 will not result in impacts related to transportation beyond those previously assessed in the Application and the May 2025 Addendum. Construction and operational workforce and truck deliveries remain the same or less as those previously defined in the Application. Specifically, import fill truck trips will be reduced significantly relative to the previous analysis. The import fill trip reduction affects the grading phase only and will not have any effect on the peak construction trip analysis previously presented in the Application and Addendum. Further, these changes remain within the previously analyzed 65.9-acre overall Project footprint and are not expected to cause impacts beyond those identified in the Application and Addendum.

Construction and operation of the modified Project facilities will not impact any traffic and transportation beyond those previously assessed and the Project, with the revised components, will comply with applicable LORS as related to transportation. Therefore, transportation impacts remain less than significant.

3.18 Tribal Cultural Resources

The Project Description updates described in Section 2.0 above will not result in impacts related to Tribal cultural resources that will be greater than those analyzed in the Application and the May 2025 Addendum. These changes remain within the previously analyzed 65.9-acre overall Project footprint and are not expected to cause impacts beyond those identified in the Application and Addendum.

Construction and operation of the modified Project facilities will not impact any additional Tribal cultural resources beyond those previously assessed in the Application; and the Project, with the revised components, will comply with applicable LORS as related to Tribal cultural resources. Therefore, Tribal cultural resource impacts will be less than significant.

3.19 Utilities

The Project Description updates described in Section 2.0 will not result in impacts related to utilities and service systems that will be greater than those analyzed in the Application and the May 2025 Addendum. These changes remain within the previously analyzed 65.9-acre overall Project footprint and are not expected to cause impacts beyond those identified in the Application and Addendum.

These modified Project components will not result in the need for the construction or relocation of other new or expanded transmission facilities beyond those included as part of the Project. Therefore, impacts to utilities will remain less than significant.

3.20 Wildfire

The Project Description updates described in Section 2.0 will not result in impacts related to wildfire that will be greater than those analyzed in the Application and the May 2025 Addendum. These changes remain within the previously analyzed 65.9-acre overall Project footprint and are not expected to cause impacts beyond those identified in the Application and Addendum.

Construction and operation of the modified Project facilities will not exacerbate wildfire risks beyond those previously assessed and the Project, with the revised components, will comply with applicable LORS as related to wildfire. Therefore, wildfire impacts will be less than significant.

FIGURES

NextEra Energy Resources
Corby Battery Energy
Storage System Project

Figure 2-1
Project Layout
(Replaces Figure 1-3)

Solano County, CA

Proposed Features

- Proposed Pole
- Water Tank
- Water Well
- Gen-tie (Overhead)
- Gen-tie (Underground; Option 1)
- Gen-tie (Underground; Option 2)
- Sound Barrier
- Telecommunications Line
- Access Road
- Construction Laydown Area
- Gen-tie Corridor (Option 1)
- Gen-tie Corridor (Option 2)
- Gen-tie Laydown Area
- BESS Array
- Project Site
- Stormwater Pond
- Project Substation
- New Corby Bay

PG&E Features

- Pole Locations (PG&E)
- Gen-tie (Overhead; PG&E)

TETRA TECH
NOT FOR CONSTRUCTION

Reference Map

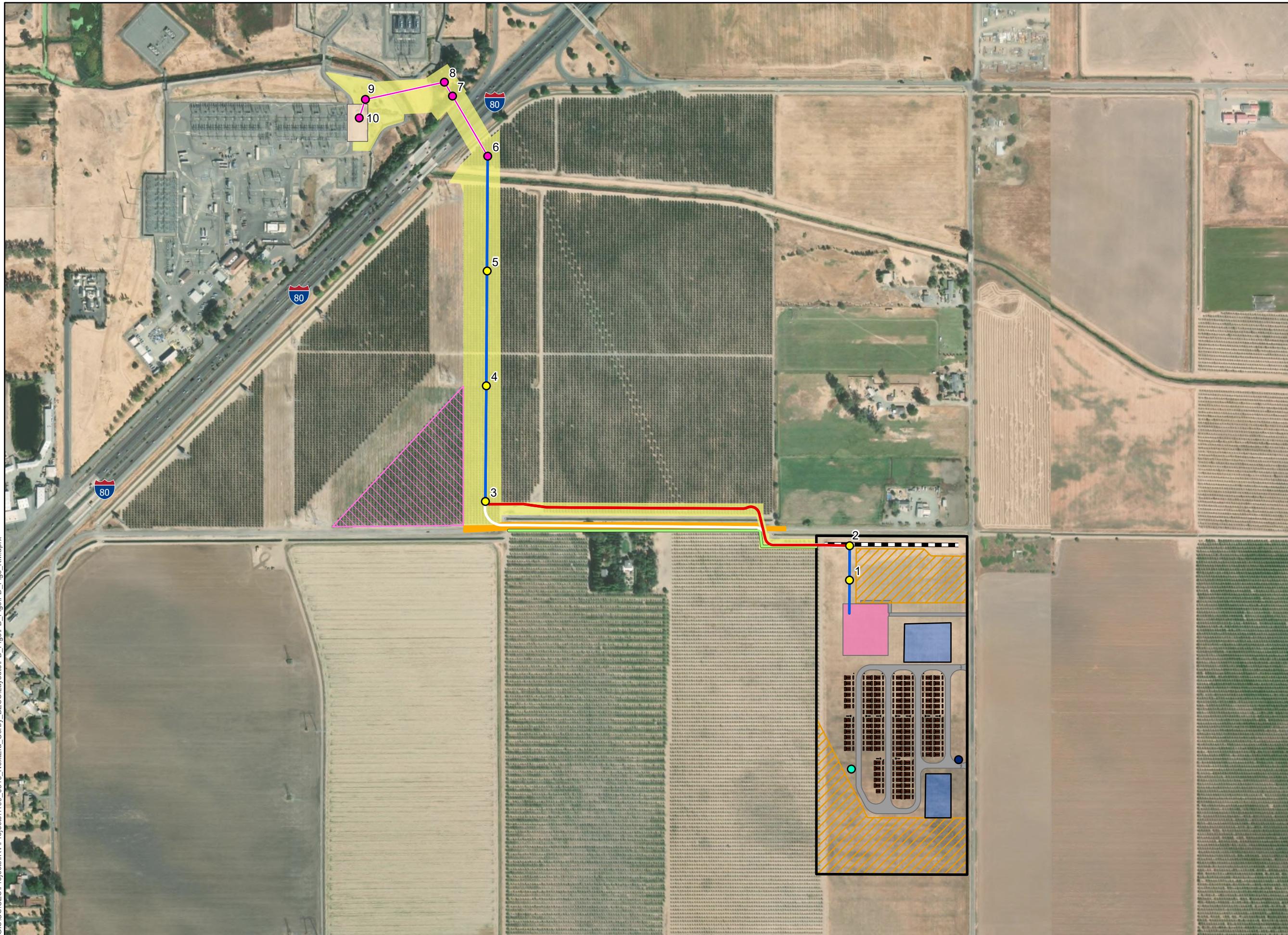


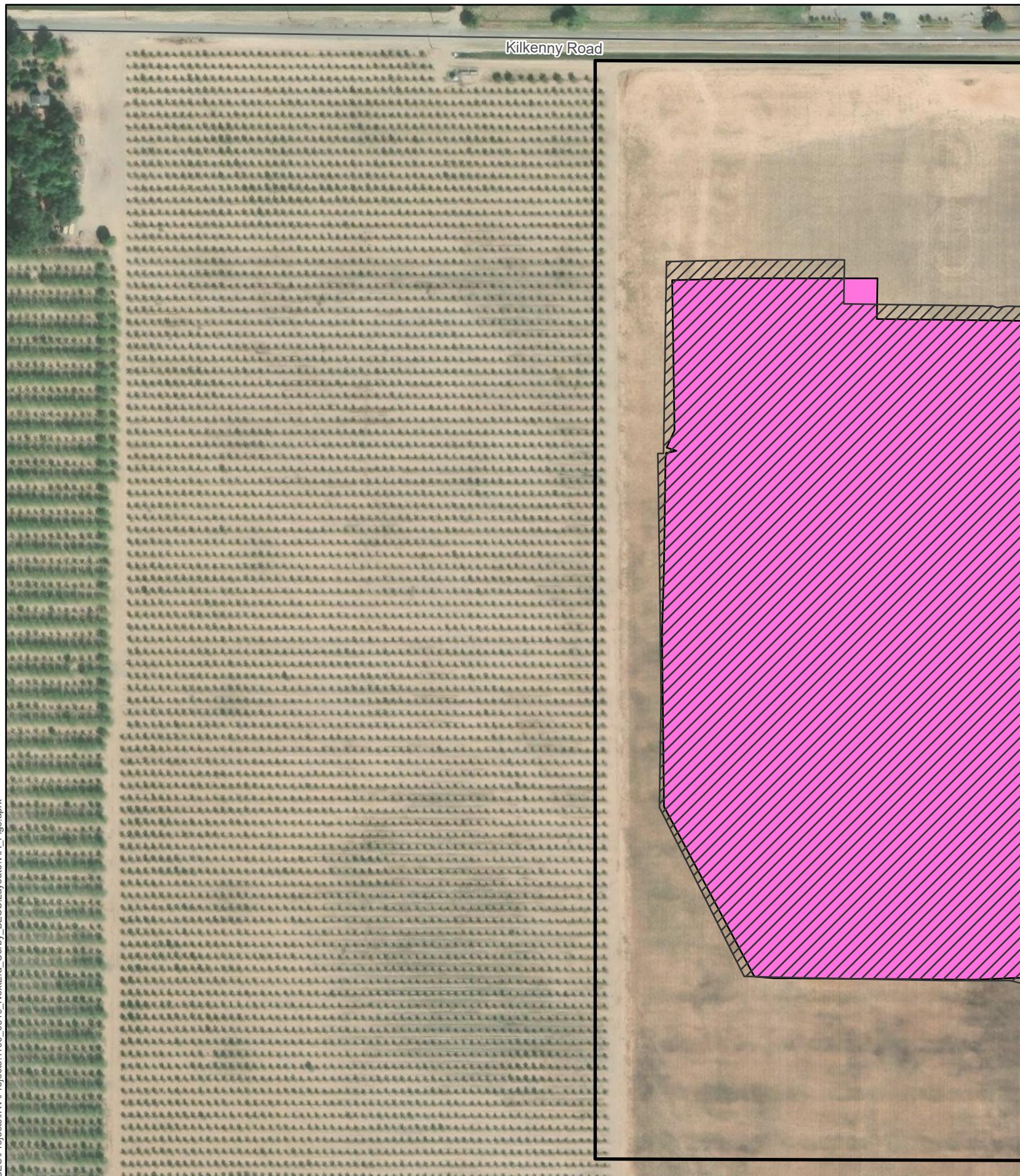




Figure 2-4
Grading Comparison

Solano County, CA

- Previous Grading Limit
- Proposed Features 2026
- Project Site
- New Grading Limit

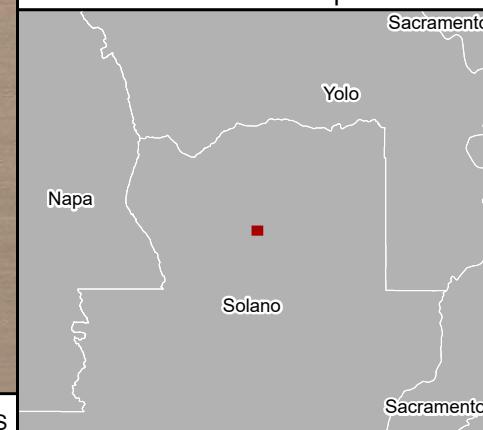


Source: ESRI, USDA NAIP, US CENSUS, BTS

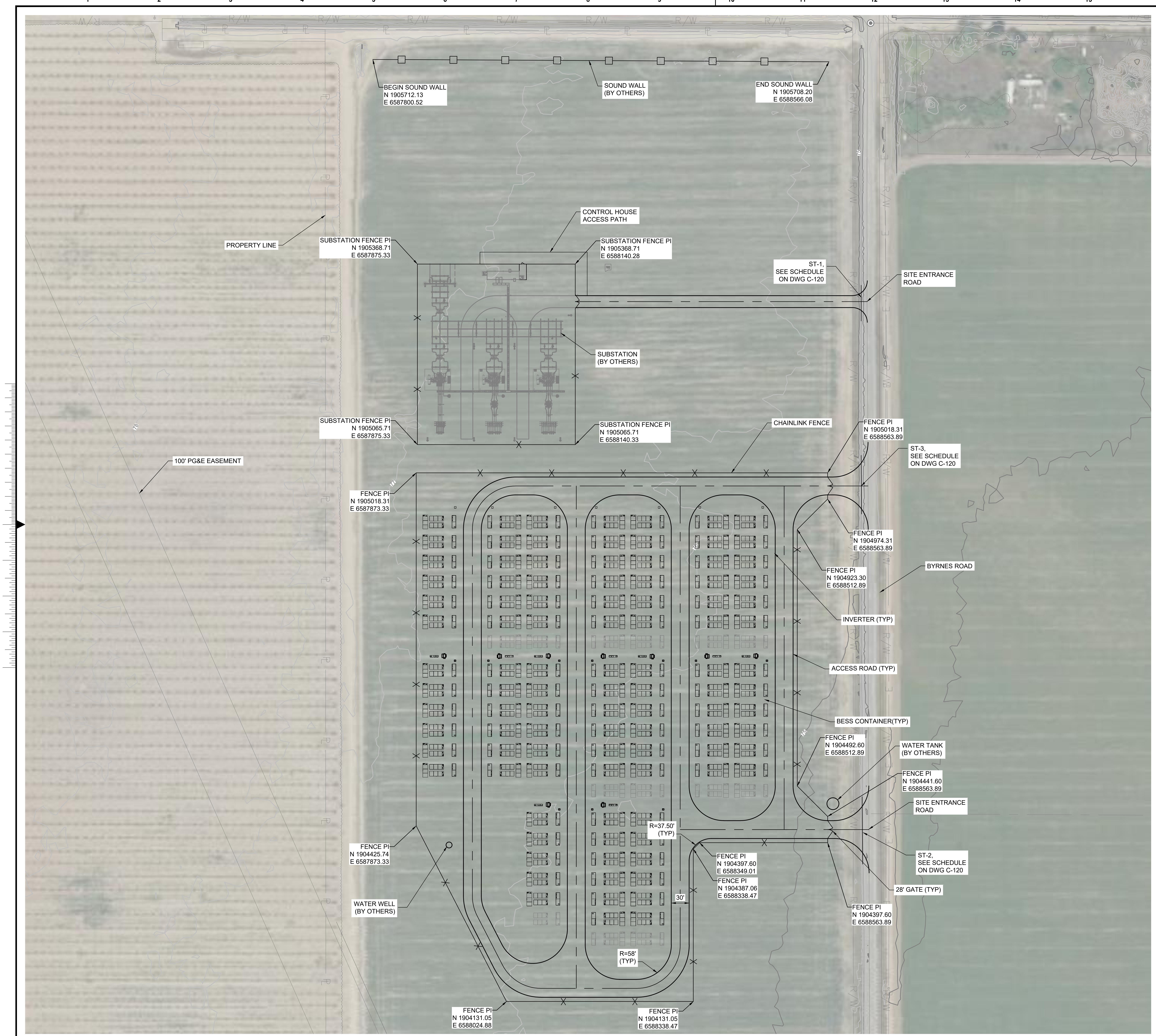
 TETRA TECH

NOT FOR CONSTRUCTION

Reference Map



**APPENDIX 2-A: SITE PLAN, FACILITY EQUIPMENT
PLAN, ELEVATION DRAWINGS, AND GRADING PLAN
(REVISED)**



| REV | DATE | BY | CKD | DESCRIPTION |
|-----|----------|-----|-----|-----------------------|
| A | 12/21/23 | DCR | ERA | ISSUED FOR 30% REVIEW |
| B | 05/03/24 | DCR | ERA | ISSUED FOR 60% REVIEW |
| C | 02/14/25 | DCR | ERA | ISSUED FOR 60% REVIEW |
| D | 05/09/25 | DCR | JTD | ISSUED FOR 90% |
| E | 12/17/25 | DCR | JTD | REISSUED FOR 30% |

OTES:

1. SEE DRAWING BCR-C-120 FOR FENCE AND GATE DETAILS.

A circular professional registration stamp. The outer ring contains the text "REGISTERED PROFESSIONAL" at the top and "ENGINEER" at the bottom, with a star on each side. The inner circle contains "J. TANNER DOWELL" at the top, "No. C 66555" in the center, "Exp." below it, "CIVIL" at the bottom, and "STATE OF CALIFORNIA" along the bottom edge. The stamp is signed with a large, stylized "J.T.D." handwritten over it.

FOR PERMITTING PURPOSES ONLY

The logo for Burns & McDonnell. It features the company name "BURNS & McDONNELL" in a bold, sans-serif font. The "B" and "M" are stylized with thick, slanted black bars that intersect to form a graphic "V" shape between them.

| | |
|--------------|-------------|
| date | detailed |
| 05/03/2024 | J. DOLL |
| signed | checked |
| D. ROSENBLUM | J.T. DOWELL |

**CORBY ENERGY STORAGE, LLC
700 UNIVERSE BLVD.
ILINO BEACH, FL 33408**

CORBY BESS PROJECT
6865 BYRNES ROAD
VACAVILLE, CALIFORNIA 95687

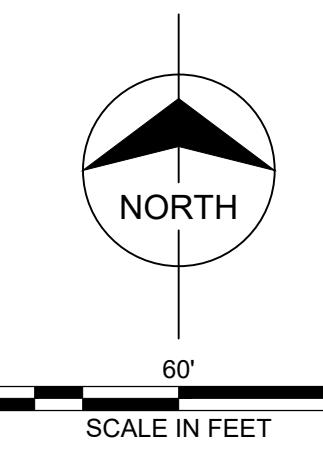
CORBY BESS SITE PLAN

| | |
|--------|----------|
| object | contract |
| 163851 | 8410 |

BCR-C-003 — **E**

Sheet **of** **sheets**

163851BCR-C-003.dwg



ENERGY STORAGE SYSTEM DESCRIPTION

FACILITY NAMEPLATE 300 MW / 1200 MWh

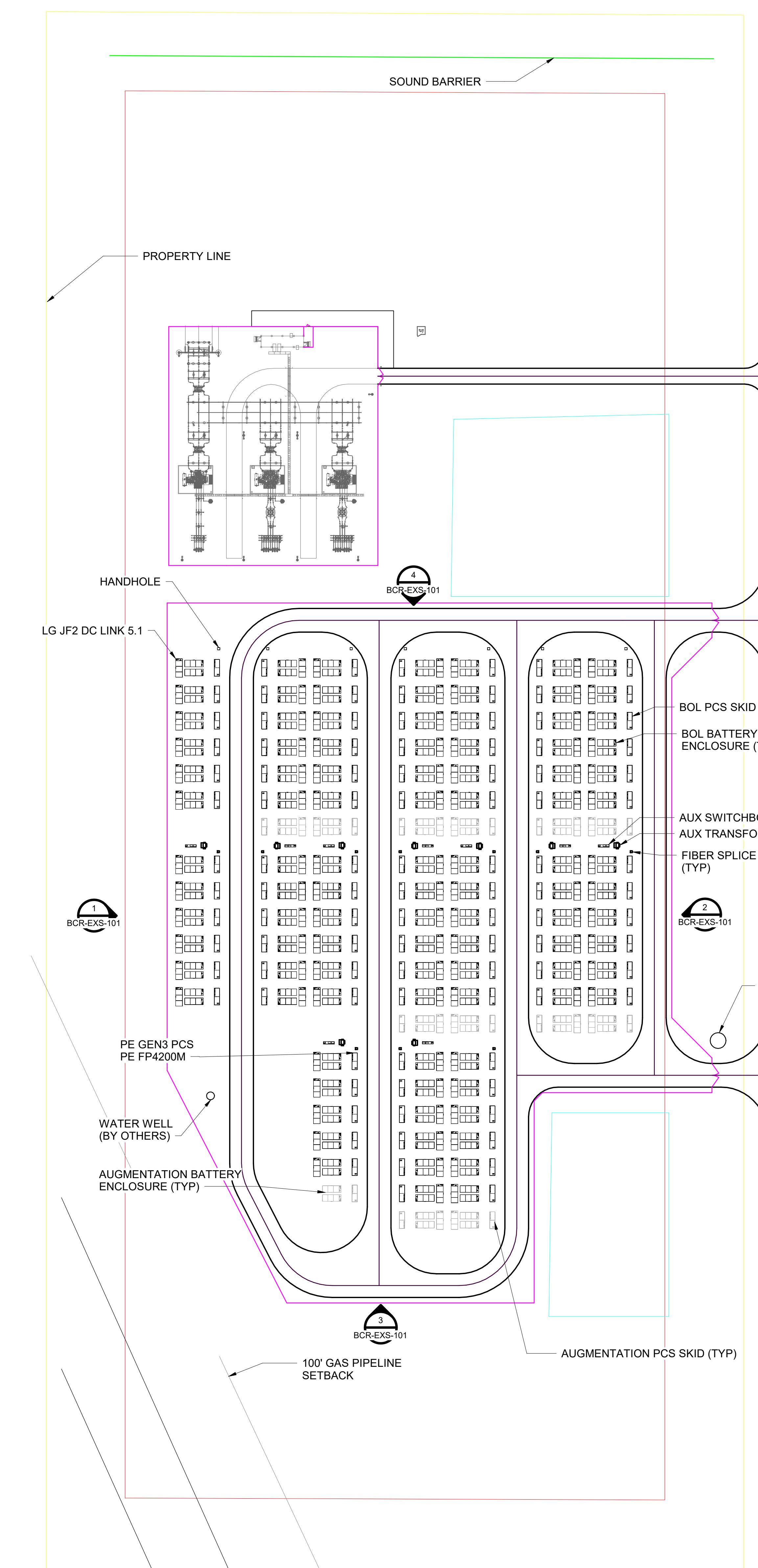
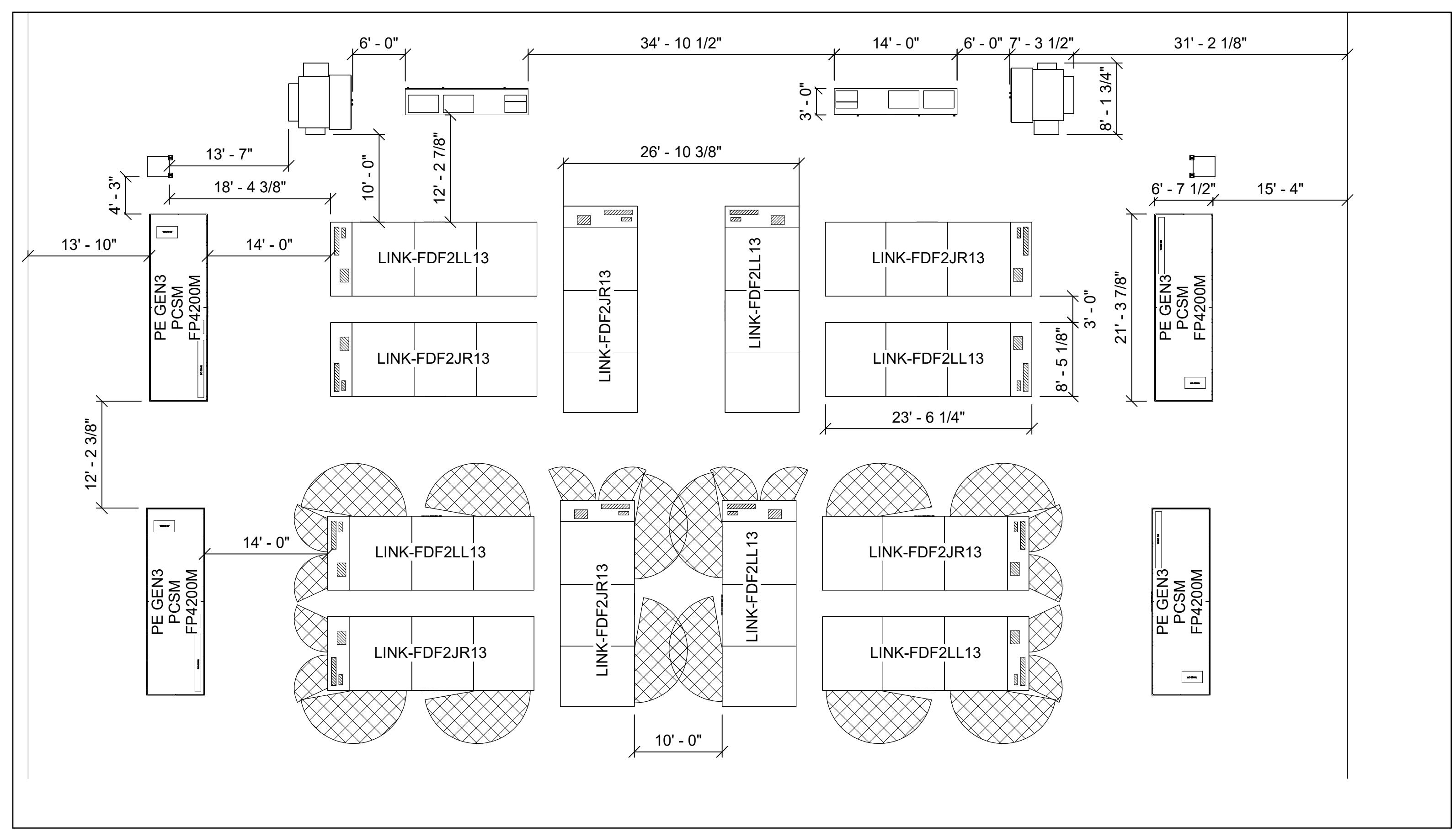
| MATERIAL LIST | QTY (BOL) | QTY (EOL) |
|---|-----------|-----------|
| LG JFC DC LINK 5.1 (DC LINK:LINK-FDF2JR13, TYPE A) | 160 | 179 |
| LG JFC DC LINK 5.1 (DC LINK:LINK-FDF2LL13, TYPE C) | 143 | 162 |
| POWER ELECTRONICS POWER CONVERSION SYSTEM (PCSM FP4200M) | 101 | 114 |
| HITACHI AUXILIARY TRANSFORMER, 1500KVA, 3-PHASE, 60HZ, 34.5KV/480V | 9 | 9 |
| LAKESHORE ELECTRIC AUXILIARY SWITCHBOARD 2000A/600V, 3-PH, 60HZ | 9 | 9 |

| AREA | ACREAGE |
|--------|---------|
| PARCEL | 40.25 |

| PLAN LEGEND |
|----------------|
| FENCE |
| GATE |
| PROPERTY LINE |
| RETENTION POND |
| SETBACK |

NOTES:

1. PCS SKID AND BATTERY ENCLOSURE SIZING AND QUANTITIES ARE PROVIDED BY OWNER. THESE QUANTITIES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE ENGINEER OF RECORD.
2. GRAYED OUT EQUIPMENT IS TO BE INSTALLED AT A LATER DATE AS PART OF AUGMENTATION SCOPE. EQUIPMENT SHOWN IS REPRESENTATIVE ONLY AND ARE NOT INDICATIVE OF FINAL DESIGN.
3. SETBACK OF MORE THAN 100' FROM PROPERTY LINE TO BATTERY ENCLOSURES SHALL BE MAINTAINED THROUGHOUT THE PROJECT PERIMETER.



FOR PERMITTING PURPOSES ONLY

BURNS MCDONNELL
BURNS & MCDONNELL WESTERN ENTERPRISES, INC.
145 S STATE COLLEGE BLVD, SUITE 600
BREA, CA 92821

designed S. DALVI checked A. THANVI

CORBY ENERGY STORAGE, LLC
700 UNIVERSE BLVD.
JUNO BEACH, FL 33408

CORBY BESS PROJECT
6865 BYRNES ROAD
VACAVILLE, CALIFORNIA 95687

CORBY BESS PROJECT
EQUIPMENT KEY PLAN

project 163851 contract

drawing 163851 rev.

BCR-E-200 B

sheet of sheets

file 163851_BCR-E-200.dwg



| REV | DATE | BY | CKD | DESCRIPTION |
|-----|----------|-----|-----|--------------------------|
| A | 12/21/23 | DCR | ERA | ISSUED FOR 30% REVIEW |
| B | 05/03/24 | DCR | JTD | ISSUED FOR 60% REVIEW |
| C | 02/14/25 | DCR | ERA | ISSUED FOR 60% REVIEW |
| D | 05/09/25 | DCR | JTD | ISSUED FOR 90% |
| E | 12/17/25 | DCR | JTD | REISSUED FOR 30% |

NOTES:

1. CUT/FILL VALUES PROVIDED ARE FROM TOPOGRAPHIC SURVEY PREPARED BY DK ENGINEERING DATED JULY 2023 TO TOP OF FINISHED GRADE. VALUES DO NOT ACCOUNT FOR STRIPPING OF TOPSOIL, COMPACTION FACTOR, OR SURFACING. THESE VALUES ARE PROVIDED FOR REFERENCE ONLY AND ARE NOT TO BE USED FOR BIDDING PURPOSES. CONTRACTOR IS RESPONSIBLE FOR THEIR OWN CUT/FILL QUANTITIES.

2. BOTTOM OF STORMWATER POND TO HAVE 6" OF TOPSOIL/SEEDING OVER 12" PERMEABLE GRAVEL LAYER.

ESTIMATED EARTHWORK QUANTITIES

| CUT | FILL |
|--------|--------|
| CY | CY |
| 22.650 | 28.188 |

A circular professional seal. The outer ring contains the text "PROFESSIONAL" at the top and "ENGINEER" at the bottom, with "REGISTERED" on the left and "CIVIL" on the right, separated by stars. The inner circle contains "J. TANNER DOWELL" in the center, with "No. C 66555" and "Exp." below it. The bottom of the inner circle contains "STATE OF CALIFORNIA". The entire seal is dated "12/17/2025" at the bottom.

FOR PERMITTING PURPOSES ONLY

The logo for Burns & McDonnell. It features a stylized graphic of three thick, black, slanted bars of decreasing height from left to right. To the right of this graphic, the word "BURNS" is written in a large, bold, black, sans-serif font. Below "BURNS", the word "MCDONNELL" is written in a slightly smaller, bold, black, sans-serif font.

| | |
|------------|----------|
| date | detailed |
| 05/03/2024 | J. DOLL |
| signed | checked |

**CORBY ENERGY STORAGE, LLC
700 UNIVERSE BLVD.
JUNO BEACH, FL 33408**

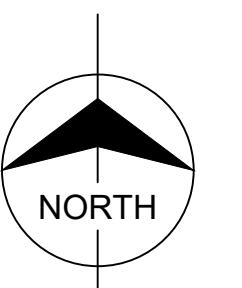
CORBY BESS PROJECT
6865 BYRNES ROAD
VACAVILLE, CALIFORNIA 95687

CORBY BESS GRADING PLAN

| | |
|--------|----------|
| object | contract |
| 163851 | 8410 |

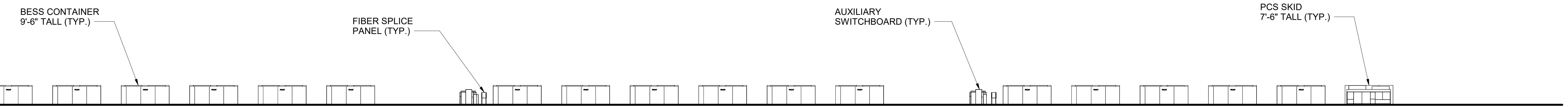
rawing rev.
BCR-C-100 —

sheet 163851BCR-C-100.dwg



A scale bar with markings at 0, 50', and 100'. The 50' mark is explicitly labeled. The 0 and 100' marks are at the ends of the bar. The scale is labeled "SCALE IN FEET" below the bar.

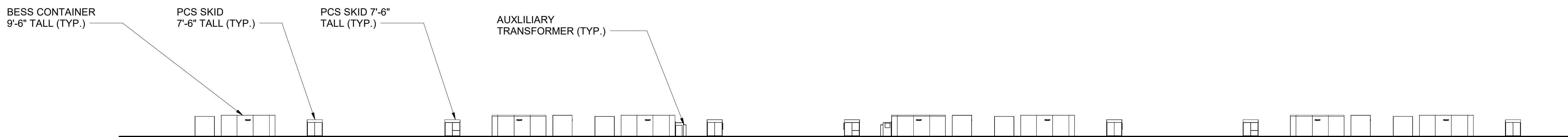
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file 163851BCR-C-100.dwg



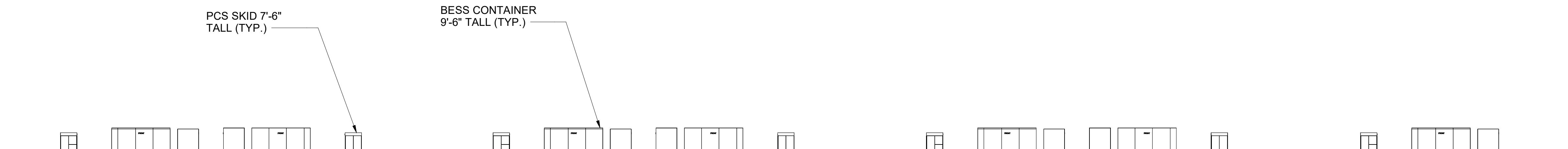
ELEVATION - VIEWING EAST 1
BCR-E-200
0 25' 50'
SCALE IN FEET



ELEVATION - VIEWING WEST 2
BCR-E-200
0 25' 50'
SCALE IN FEET



ELEVATION - VIEWING NORTH 3
BCR-E-200
0 25' 50'
SCALE IN FEET



ELEVATION - VIEWING SOUTH 4
BCR-E-200
0 25' 50'
SCALE IN FEET

FOR PERMITTING PURPOSES ONLY

BURNS MCDONNELL
BURNS & MCDONNELL WESTERN ENTERPRISES, INC.
145 S STATE COLLEGE BLVD, SUITE 600
BREA, CA 92821

designed S. SHARMA checked A. THANVI

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JUNO BEACH, FL 33408

CORBY BESS PROJECT
6865 BYRNES ROAD
VACAVILLE, CALIFORNIA 95687

CORBY BESS PROJECT
ELEVATION PLAN

project 163851 contract

drawing 163851 rev.

BCR-EXS-101 — A

sheet of sheets

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