

The Tulalip Tribes of Washington

REQUEST FOR PROPOSALS

GATHERING HALL MICROGRID

DESIGN, PROCURE, AND INSTALLATION FOR ONE SOLAR AND BATTERY STORAGE MICROGRID

May 15, 2025

TULALIP TRIBES OF WASHINGTON

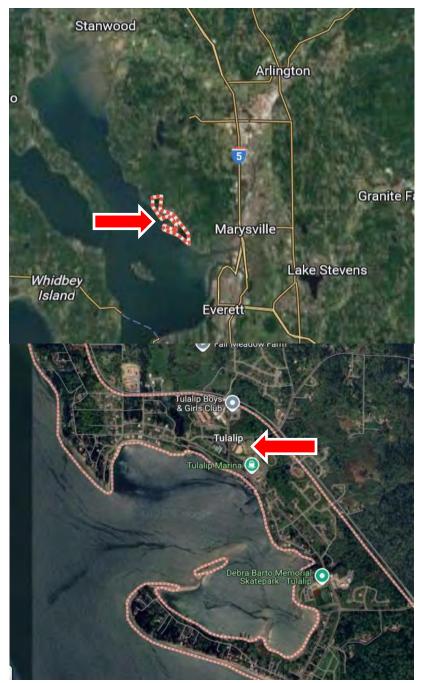
6406 Marine Drive, Tulalip, WA 98271

Key Project Milestones

Milestone	Date
RFP Announced	May 15, 2025
Optional Pre-Bid Walkthrough	May 28, 2025; 1 PM
Deadline for Questions	June 4, 2025
Proposals Due	June 13, 2025
Award Announcement	June 19, 2025
Contract Negotiations	June 20, 2025
Estimated Contract Approval	July 11, 2025
Substantial Completion Target	June 30, 2026

1. INTRODUCTION

The Tulalip Tribes (Tribes) is requesting proposals from qualified firms to design, procure, and install one solar and battery storage microgrid system for the Tulalip Tribe Gathering Hall Microgrid on the Tulalip Reservation for the Tulalip Tribes located at **7512 Totem Beach Road**, **Tulalip**, **WA 98271**.



Approximate project loca on shown on map

Detailed Project Description: The Tulalip Tribes will select a contractor to design, procure, and install solar PV and battery storage microgrid for their Gathering Hall. The functional intent of the microgrid system will support the entire building during a 3-day outage during early January where there is minimal solar gain/energy production modeled for.

- Solar PV: Rooftop solar, mounting on existing standing seam metal roof, southeast facing. Minimum 240kW-DC
- Battery Energy Storage System: Minimum 500kW-1320kWh
- **Bid Alternative: Additional Equipment:** New Appropriately sized diesel generator capable of operating in parallel with new microgrid equipment. 500kW used as basis of pre-design.
- Interconnection with an existing 1500kW diesel generator supports the building. Note, however, existing generator has known mechanical issues and is thought to be oversized and unreliable.
- The microgrid system should have a controller capable of receiving external signals and the capability of interconnecting to future planned microgrids or utility facilities.

Project Restrictions. The Owner has committed to an apprentice's level of 25% for the electrical crews and adherence to prevailing wage law.

Tulalip Tribes Project Manager:

Steve Hinton, Conservation Scientist The Tulalip Tribes of WA 6406 Marine Drive, Tulalip, WA 98271

Point of contact for the RFP process is Tulalip Tribes Owner's Representative:

Gigi Lam, Sustainability Consultant, Säzän Group, <u>glam@sazan.com</u> With a CC to Sean Lawrence, Tribal Program Manager, Säzän Group, <u>slawrence@sazan.com</u>

Contractor Qualification Requirements:

- i. Licensed contractor in Washington. Provide Contractor license number.
- ii. Contractor shall have staff assigned to this project with active NABCEP certifications
- iii. Insured \$1,000,000 per occurrence, \$2,000,000 aggregate. Note: there is required insurance language naming Tulalip Tribes as co-insured
- iv. 100% Performance and Payment Bond

Proposal Requirements:

- Only contractors that have submitted a proposal by the deadline on the milestones table will be considered responsive bidders.
- This project is funded in part through a Washington State Department of Commerce Grant Program. Compliance with prevailing wage laws and apprenticeship participation as identified in the RFP and the Exhibit C.
- Provide a Design, Procurement, and Installation proposal that includes evaluating existing facilities, field verification, documentation, and design for a Solar plus Battery Storage Microgrid at the Tulalip Tribe Gathering Hall. Available facility information is provided in this RFP, but it should not be considered complete. The selected contractor is responsible for due diligence for their design and

functional performance requirements and be responsible to evaluate and document a complete evaluation of the facilities, electrical systems and capacity with a formal basis of Design document, subject to Owner review.

- The Contractor is required to provide a Fixed Price for system installation and implementation. The design, procurement, and installation shall be completed as one project.
- The contract will be "open book," meaning all direct costs, rebates, discounts, markups, payroll reports, and expenses must be provided to the Tribes as supporting documentation for invoicing.
- Coordinate with Snohomish PUD for electrical requirements or service changes. Any costs incurred from PUD will be considered part of the project costs.
- **Tulalip Data Services (TDS) and Salish Networks** are the Owner's vendors for all data, IT, and related cabling and devices. The selected contractor will enter into an agreement with TDS and Salish Networks for all data, broadband and network infrastructure materials, equipment and labor for the project. The scope of work will be agreed to during the design phase of the project.
- All permitting management and costs will be the responsibility of the Contractor shall be included in the Fixed Price.
- The Contractor is responsible for all modifications to the buildings, exterior features, and electrical systems. This includes, but is not limited to, demolition, penetrations, modifications, HVAC adjustments, pavement and concrete cutting and patching, permitting, and inspections. At the completion of the project, the facilities must be restored to their original or better condition.
- The Contractor must document all existing conditions before starting the work. The Tribes will endeavor to provide as much information as possible regarding the existing electrical systems, but the information available is limited, and not guaranteed to be accurate. The Selected Contractor is expected to fully evaluate the existing electrical systems and verify all necessary components, capacities and capabilities of the facilities.
- The system must include interfaces that the Tribes' maintenance staff can use. The cost should include training in the operation, maintenance, and programming of the system.
- Proposers must refrain from unauthorized contact with the Owner's staff during the proposal and selection process. All questions should be directed in writing to the Owner's Representative via email.

Bid Alternatives

The prospective bidder may provide bid alternatives from the proposed basis of design when responding to this RFP. The Owner shall keep the pricing of said bid alternatives, discreet.

Work Requirements:

The successful Contractor may be provided with the opportunity to provide a long-term service agreement for maintenance and repair of the provided system. The service agreement is to be considered optional, and the Owner may or may not execute the service agreement as it sees fit. This may be negotiated with the awarded Contractor

Working conditions will be addressed in more detail with the awarded team. In general, the work may be conducted during regular business hours but will not be allowed to interrupt the ongoing and day-to-day operations of the Tulalip Tribe staff. Generally, disruption of electrical services during working hours will **NOT** be allowed. Disruption of electrical power will have to occur during non-working hours, however disruptions during working hours will be considered on a case-by-case basis. See Exhibit E, "Site Rules" for more information. This is a preliminary list, and the final work rules will be developed with the cooperation Gathering Hall Staff and the Selected Contractor.

Treaty Employment Rights Office (TERO) Fees will be paid by the Contractor. The Contractor will be responsible for paying the mandatory TERO fees as defined in the attached TERO program. TERO fees are considered a cost of the work, **but fees and mark-ups are not allowed on the TERO fee value**. The Contractor will also be expected to provide evidence of its commitment to the TERO program, demonstrated through its efforts in both the current project and in previous projects. The selected contractor will work with the Owner to establish TERO goals.

Work by Others:

Contractors shall identify any work that will need to be performed by others. The Tribe's preference is for a "turnkey" project that can be serviced with reasonable effort with local resources.

Contract Structure

The design, procurement, and installation of the Gathering Hall Microgrid is expected to be contracted utilizing the AIA A101-2017 Form attached as Exhibit A. The project will be completed utilizing a Fixed Price.

The successful proposer acknowledges and agrees that the specifications, terms, conditions, and contract provided in this RFP will govern the contract awarded, unless the proposer explicitly states alternative terms or conditions, either in full or by reference, that they wish the Owner to consider. Any alternate terms or conditions will be considered variances and may result in the rejection of the proposal if deemed material. **Any such alternate terms or conditions must be attached to the proposal for review by the Owner.**

Refer to the included contract and exhibits for additional information and project requirements.

2. SCHEDULE

See the Project Milestone Schedule on the RFP Cover sheet

3. SITE VISIT

Pre-bid conference and site visit are optional and will occur on the date and time shown on the Milestone Schedule on the RFP Coversheet. A selection of site photos and available documentation is in Exhibit J.

Additional site visits:

• Additional site visits must be coordinated with the RFP Point of Contact and Tulalip Tribes.

4. CONTRACTOR REQUIREMENTS

The following services are requested from the Selected Contractor to complete the project scope.

The contractor will be responsible for producing the complete PV system, BESS systems, meters, interconnection costs, connecting to SnoPUD's transformer, procuring all required materials, and installing all materials in compliance with applicable national and local codes.

The contractor, in collaboration with Tulalip Tribe staff, will be responsible for securing all planning, electrical, and building permits required to complete the scope of work outlined in this RFP. Contractor will provide a proposed schedule in proposal.

Contractor is required to submit structural calculations, stamped by a licensed Washington State Professional Engineer to document the contractor's scope of work outlined in this RFP meets all permitting requirements and compliant with applicable building codes.

- a. System Design Contractor must submit the following design documents prior to system installation if there are any modifications to existing plans.
 - i. Detailed Site Diagram showing:
 - 1. Elevation and plan view of PV array and BESS location and/or 3D rendering
 - 2. Elevation of electrical equipment (inverter & disconnects) layout
- b. Shade Analysis Contractor will be responsible for providing documentation confirming maximization of solar access and minimization of shading from any nearby obstructions.
- c. Electrical Single-line diagram Must include all information about major system components specifications and ratings, conductor size and type, conduit size, ratings of combiner boxes and series OCPD's, and ratings of facility electrical panel interconnection point.
- d. Wire Sizing Calculations Ampacities of conductors shall be determined using NEC tables. Voltage drops for PV source, output and inverter output circuits shall be determined by hand calculations and limited to manufacturer recommendations or tolerances.
- e. PV Array Racking —Contractor will be responsible for generating the PV array racking design and attachment methodology. Contractor shall provide this information to Tulalip Tribe in a timely manner for approval, prior to obtaining any required permitting.
- f. BESS Container Contractor will be responsible for generating the BESS Container design and inverter methodology. Contractor shall provide this information to Tulalip Tribe in a timely manner for approval, prior to obtaining any required permitting.
- g. Diesel Generator Contractor will be responsible for sourcing the new generator with capability to operate in parallel with the microgrid equipment for maximized system flexibility.
- h. Microgrid Source Combiner Panel & Transformer

- i. Contractor will be responsible for generating the Microgrid Source Combiner Panel & Transformer methodology. Contractor shall provide this information to Tulalip Tribe in a timely manner for approval, prior to obtaining any required permitting.
- i. Field Verification
 - i. Contractor must field verify design feasibility and/or all record documents and prepare own as-builts prior to commencing work in order to ensure proper system installation and adherence to contract timeline.
- j. Project Documentation
 - i. Contractor will be responsible for maintaining accuracy of design documentation during project construction and will submit as-built documentation to Tulalip Tribe upon project completion.
 - ii. Contractor will be responsible for generating a complete and detailed project construction schedule once all permits are secured. The project schedule will help the Tulalip Tribe understand the timing and duration of work and in which areas of the two sites the work will occur.
- k. Procure materials
 - i. Contractor shall be responsible for procuring all system materials, whether or not specified in the system description, unless otherwise indicated above that it will be supplied by Tulalip Tribe or others.
 - ii. Contractor shall provide a submittal package detailing all products, equipment, and system layout for review and approval, prior to procurement of materials.
- 1. PV and BESS System installation
 - i. Contractor shall be responsible for installing the complete solar PV and battery system at the Gathering Hall. The installations must be compliant with the current NEC and local Authority Having Jurisdiction (AHJ). It is the installer's responsibility to ensure code compliance with the local authorities. The installation shall be executed according to the system design documentation. Tulalip Tribe must approve any requested design changes made in the field.
 - ii. Contractor will provide adequate security, safety and protection of the site during the installation. This can include temporary fencing, protective barriers, traffic control, storage, and suitable housekeeping.
- m. Contractor will be responsible for any and all excavation and grading required for completion of the project. Coordination with any subcontractors may be required by the Contractor as it pertains to the install of the solar arrays and racking only.
- n. Interconnection
 - i. Contractor shall coordinate with Tulalip Tribe to confirm acceptable location for production meter and AC disconnect. It will be the responsibility of the

Contractor to ensure that any and all other documentation necessary to meet permit and utility requirements is submitted to Tulalip Tribe and the AHJ.

- ii. It shall be the responsibility of the Contractor to procure and ensure that the production meter is installed if applicable, the net meter is installed and the system has passed all required electrical and utility inspections.
- o. Electrical Permit
 - i. It will be the responsibility of the Contractor to submit all required documentation to the Washington Labor and Industries and Snohomish PUD to secure all electrical permits required to complete the scope of work outlined in this RFP.
- p. Building Permit
 - i. It will be the responsibility of the Contractor to perform all structural engineering, and submit all required applications to the Tulalip Tribe Planning Department to obtain the building or structural permit(s). The Contractor will be responsible for any additional racking or structural engineering required.
- q. System Commissioning
 - i. Contractor shall submit a PV and BESS system commissioning protocol to confirm the system is operating as designed. Contractor will be responsible for completing the requisite commissioning documentation to be approved by Tulalip Tribe prior to commissioning. The final PV and BESS system commissioning report shall be included in the project documentation.
 - ii. Minimum Documentation Includes:
 - 1. As-Built Drawings
 - 2. Racking Torque Verifications
 - 3. Racking Visual Inspection
 - 4. Wiring Visual Inspection
 - 5. System Off Testing:
 - a. String Level Open Circuit Voltage and Polarity
 - b. AC Voltage
 - 6. System On Testing:
 - a. String Level Max Power Voltage
 - b. String Level Ampacity
 - c. Inverter Level
 - Production
 - 7. Data Monitoring
 - a. Registration Information
 - b. Inverter, battery, and other serial numbers
 - c. Confirmation of reporting and display on any apps and dashboards.
 - 8. Operator's Manual
- r. Final Walk through

- i. Contractor shall schedule a tour of the completed and operating PV and BESS systems with the Tribe and select staff.
- s. System Warranty Minimums
 - i. Contractor shall provide a minimum 5-year workmanship warranty
 - ii. 5-year parts and labor and pass through all the equipment warranties
 - iii. Solar modules 10 year limited product warranty and 25-year linear power warranty
 - iv. Microgrid BESS Battery Container 10 year limited product warranty and linear power warranty
 - v. Inverters 10-year warranty
 - vi. Racking 10-year warranty
 - vii. Control system 10-year warranty
- t. Monitoring
 - i. The Tribe must monitor the system for 1 year and provide data to the grantor. The contractor will assist the Tribe with respect to monitoring and reporting PV energy generation and BESS energy savings. Contractor will set up system energy monitoring dashboards which may be manufacturer provided.
 - ii. These dashboards will include energy production data, and energy savings, including the amount, cost, and percentage of actual energy saved and displaced annually. The verification process leverages energy monitoring data from the system's monitoring dashboard, then confirms with utility billing data from Snohomish PUD.
 - iii. Contractor will procure and install monitoring system and train Tulalip Tribe staff how to use the monitoring system.

5. SUBMITTAL REQUIREMENTS

The following scoring matrix will be used to evaluate the proposals received. The proposal is to be organized to align with the categories below and only information specific to the project will be reviewed.

Section	Description	Page Limit	Evaluation Points
1.	Cover Letter		0
2.	 Mandatory Attachments: Exhibit B: Proposal Form. Exhibit F: Affidavit of non-collusion Exhibit G: Certificate of Compliance Exhibit H: Certificate of Non-discrimination Exhibit I: Debarment Form 	7	0
2.	 Qualifications/expertise of the proposed Contractor team: Experience in design, procurement, and installation of Microgrid projects. Tribal work experience. Joint working experience of the proposed contractors team if applicable 	4	20
3.	 Qualifications of proposed staff: Experience with Microgrid systems Tribal work experience. Identification of proposed staff with an organizational chart identifying lines of authority and communication. 	4	10
4.	 NAOB status and/or utilization of NAOB's for the project: NAOB status of the proposing team. Efforts to include of NAOB or Tulalip Tribal businesses and labor in the project. 	1	10
5.	 Proposed project approach: Structure of the contractor's project management team and interface with the Owner. Conformance with the requirements of the RFP, including the requirement of 25% apprentices and prevailing wage law. Schedule, provide a general schedule of design and implementation including, identify long lead items, time frames for Owner approval of design and the proposed system. (A detailed schedule will be required of the awarded team) Approach to ensure ease of use, and maintenance. 		20
6.	Proposer's needs from the Tulalip Tribes (Identify scope to be performed by others. Less 3 rd party support will result in higher score.)	1	20
7.	 Cost proposal based upon the Scope of Work items and certified by signature as being valid for at least 90 days is required: Provide a lump sum, design, procurement and installation cost. Provide schedules detailing all personnel billing rates and other anticipated costs for additional services if needed. Construction team cost structure: Fee schedule with billing rates for all labor, equipment, insurances, overhead & profit (OH&P). 	5	20

•	A major equipment rental schedule and rates for equipment that are anticipated to be necessary for the execution of the work.		
•	Typical consumables allowance.		
•	Identify mark-up on materials, that includes OH&P.		
•	Identify any subcontracted work and mark-ups that includes OH&P.		
•	Provide cost for 100% payment & performance bonds as a percentage of the Cost of Work.		

Proposals must be submitted electronically via email to the RFP Point of Contact listed in the introduction, no later than the <u>date shown on milestone schedule.</u>

The official time will be determined by the receiving computer's clock. Hard copy proposals and faxed submissions will not be accepted.

If the file size exceeds 15 MB, please contact the project manager for alternative submission options. It is the proposer's responsibility to ensure that the electronic submission is received by the deadline.

For questions about the electronic submittal process, contact the RFP Point of Contact.

6. INTERVIEW

After reviewing the submissions, the selection committee may elect to conduct interviews with a short-list of proposers.

7. FINAL SELECTION

The Tulalip Tribes of Washington will select the proposer that best meets their needs and the specified criteria, based on the evaluation of submitted proposals and, if necessary, interviews. The final selection must be approved by, and is at the sole discretion of, the Tulalip Tribes' Board of Directors. The Tribes reserve the right to choose any responsive and responsible proposer at their discretion.

8. ADDITIONAL SERVICES

The Tulalip Tribes reserves the right to request additional services from the selected contractor. Fees and rates for additional services are to be included in the fee section of the proposal.

9. **EXHIBITS**

The following exhibits are incorporated in the RFP

- A. AIA A101-2017 Form and attachments
- B. Proposal Form
- C. Washington State Department of Commerce Grant Program Document
- D. Tulalip Tribe TERO Code
- E. Site Rules
- F. Affidavit of Non-Collusion
- G. Certification of Compliance
- H. Certificate of Non-Discrimination
- I. Certificate Regarding Debarment
- J. Existing Facility Information. (Separate Document Files)
 - J.1: Tulalip Tribe Gathering Hall, 7512 Totem Beach Road

Exhibit A. AIA A101-2017, Agreement between Owner and Contractor with Exhibits.

\mathbf{W} **AIA**^{*} Document A101^{*} – 2017

Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum

AGREEMENT made as of the

(In words, indicate day, month and year.)

BETWEEN the Owner: (Name, legal status, address and other information)

Steve Hinton TULALIP TRIBES OF WASHINGTON 6406 Marine Drive, Tulalip, WA 98271

and the Contractor: (Name, legal status, address and other information)

for the following Project: (Name, location and detailed description)

The Architect: (Name, legal status, address and other information)

The Owner and Contractor agree as follows.

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An Additions and Deletions Report that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

The parties should complete A101®-2017, Exhibit A, Insurance and Bonds, contemporaneously with this Agreement. AIA Document A201®-2017, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.

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TABLE OF ARTICLES

- **1 THE CONTRACT DOCUMENTS**
- 2 THE WORK OF THIS CONTRACT
- 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
- **4 CONTRACT SUM**
- **5 PAYMENTS**
- 6 **DISPUTE RESOLUTION**
- 7 TERMINATION OR SUSPENSION
- 8 MISCELLANEOUS PROVISIONS
- 9 ENUMERATION OF CONTRACT DOCUMENTS

EXHIBIT A INSURANCE AND BONDS

ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary, and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement, and Modifications issued after execution of this Agreement, all of which form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations, or agreements, either written or oral. An enumeration of the Contract Documents, other than a Modification, appears in Article 9.

ARTICLE 2 THE WORK OF THIS CONTRACT

The Contractor shall fully execute the Work described in the Contract Documents, except as specifically indicated in the Contract Documents to be the responsibility of others.

ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

§ 3.1 The date of commencement of the Work shall be: (Check one of the following boxes.)

- [] The date of this Agreement.
- [] A date set forth in a notice to proceed issued by the Owner.
- [] Established as follows:

(Insert a date or a means to determine the date of commencement of the Work.)

If a date of commencement of the Work is not selected, then the date of commencement shall be the date of this Agreement.

§ 3.2 The Contract Time shall be measured from the date of commencement of the Work.

§ 3.3 Substantial Completion

§ 3.3.1 Subject to adjustments of the Contract Time as provided in the Contract Documents, the Contractor shall achieve Substantial Completion of the entire Work:

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(Check one of the following boxes and complete the necessary information.)

[] Not later than Three Hundred Sixty-Five (365) calendar days from the date of commencement of the Work.

[] By the following date:

§ 3.3.2 Subject to adjustments of the Contract Time as provided in the Contract Documents, if portions of the Work are to be completed prior to Substantial Completion of the entire Work, the Contractor shall achieve Substantial Completion of such portions by the following dates:

Portion of Work None Identified Substantial Completion Date

§ 3.3.3 If the Contractor fails to achieve Substantial Completion as provided in this Section 3.3, liquidated damages, if any, shall be assessed as set forth in Section 4.5.

ARTICLE 4 CONTRACT SUM

§ 4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be _____ (\$ _____), subject to additions and deductions as provided in the Contract Documents.

§ 4.2 Alternates § 4.2.1 Alternates, if any, included in the Contract Sum:

Item

Price \$

§ 4.2.2 Subject to the conditions noted below, the following alternates may be accepted by the Owner following execution of this Agreement. Upon acceptance, the Owner shall issue a Modification to this Agreement. (Insert below each alternate and the conditions that must be met for the Owner to accept the alternate.)

Item		Price	Conditions for Acceptance
None Identified			

§ 4.3 Allowances, if any, included in the Contract Sum: (Identify each allowance.)

Item

Price

None Identified

§ 4.4 Unit prices, if any: (Identify the item and state the unit price and quantity limitations, if any, to which the unit price will be applicable.)

Item	Units and Limitations	Price per Unit (\$0.00)
	\$	\$

§ 4.5 Liquidated damages, if any:

(Insert terms and conditions for liquidated damages, if any.)

\$ /day for each day beyond the contract time identified in paragraph 3.3.1

§ 4.6 Other:

(Insert provisions for bonus or other incentives, if any, that might result in a change to the Contract Sum.)

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None Identified

ARTICLE 5 PAYMENTS

§ 5.1 Progress Payments

§ 5.1.1 Based upon Applications for Payment submitted to the Architect by the Contractor and Certificates for Payment issued by the Architect, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

§ 5.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month

§ 5.1.3 Provided that an Application for Payment is received by the Architect not later than the last day of a month, the Owner shall make payment of the amount certified to the Contractor not later than thirty days later. If an Application for Payment is received by the Architect after the application date fixed above, payment of the amount certified shall be made by the Owner not later than thirty (30) days after the Architect receives the Application for Pavment.

(Federal, state or local laws may require payment within a certain period of time.)

§ 5.1.4 Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form, and supported by such data to substantiate its accuracy, as the Architect may require. This schedule of values shall be used as a basis for reviewing the Contractor's Applications for Payment.

§ 5.1.5 Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

§ 5.1.6 In accordance with AIA Document A201TM_2017, General Conditions of the Contract for Construction, and subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

§ 5.1.6.1 The amount of each progress payment shall first include:

- .1 That portion of the Contract Sum properly allocable to completed Work;
- .2 That portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction, or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing; and
- .3 That portion of Construction Change Directives that the Architect determines, in the Architect's professional judgment, to be reasonably justified.

§ 5.1.6.2 The amount of each progress payment shall then be reduced by:

- .1 The aggregate of any amounts previously paid by the Owner;
- .2 The amount, if any, for Work that remains uncorrected and for which the Architect has previously withheld a Certificate for Payment as provided in Article 9 of AIA Document A201–2017;
- .3 Any amount for which the Contractor does not intend to pay a Subcontractor or material supplier, unless the Work has been performed by others the Contractor intends to pay;
- .4 For Work performed or defects discovered since the last payment application, any amount for which the Architect may withhold payment, or nullify a Certificate of Payment in whole or in part, as provided in Article 9 of AIA Document A201-2017; and
- .5 Retainage withheld pursuant to Section 5.1.7.

§ 5.1.7 Retainage

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§ 5.1.7.1 For each progress payment made prior to Substantial Completion of the Work, the Owner may withhold the following amount, as retainage, from the payment otherwise due:

(Insert a percentage or amount to be withheld as retainage from each Application for Payment. The amount of retainage may be limited by governing law.)

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five percent (5%)

§ 5.1.7.1.1 The following items are not subject to retainage: (Insert any items not subject to the withholding of retainage, such as general conditions, insurance, etc.)

None Identified

§ 5.1.7.2 Reduction or limitation of retainage, if any, shall be as follows: (If the retainage established in Section 5.1.7.1 is to be modified prior to Substantial Completion of the entire Work, including modifications for Substantial Completion of portions of the Work as provided in Section 3.3.2, insert provisions for such modifications.)

None Identified

§ 5.1.7.3 Except as set forth in this Section 5.1.7.3, upon Final Completion of the Work, the Contractor may submit an Application for Payment that includes the retainage withheld from prior Applications for Payment pursuant to this Section 5.1.7. The Application for Payment submitted at Final Completion shall not include retainage as follows:

(Insert any other conditions for release of retainage upon Substantial Completion.)

Any work remaining to be completed.

§ 5.1.8 If final completion of the Work is materially delayed through no fault of the Contractor, the Owner shall pay the Contractor any additional amounts in accordance with Article 9 of AIA Document A201-2017.

§ 5.1.9 Except with the Owner's prior approval, the Contractor shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

§ 5.2 Final Payment

§ 5.2.1 Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Contractor when

- .1 the Contractor has fully performed the Contract except for the Contractor's responsibility to correct Work as provided in Article 12 of AIA Document A201-2017, and to satisfy other requirements, if any, which extend beyond final payment; and
- .2 a final Certificate for Payment has been issued by the Architect.

§ 5.2.2 The Owner's final payment to the Contractor shall be made no later than 45 days after the issuance of the Architect's final Certificate for Payment, or as follows:

§ 5.3 Interest

Payments due and unpaid under the Contract shall bear interest from the date payment is due at the rate stated below, or in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located

(Insert rate of interest agreed upon, if any.)

5 % annually

ARTICLE 6 DISPUTE RESOLUTION

§ 6.1 Initial Decision Maker

The Architect will serve as the Initial Decision Maker pursuant to Article 15 of AIA Document A201–2017, unless the parties appoint below another individual, not a party to this Agreement, to serve as the Initial Decision Maker. (If the parties mutually agree, insert the name, address and other contact information of the Initial Decision Maker, *if other than the Architect.*)

Init. 1

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§ 6.2 Binding Dispute Resolution

For any Claim subject to, but not resolved by, mediation pursuant to Article 15 of AIA Document A201–2017, the method of binding dispute resolution shall be as follows: (Check the appropriate box.)

- Arbitration pursuant to Section 15.4 of AIA Document A201-2017 []
- Litigation in a court of competent jurisdiction []

Other (Specify) []

If the Owner and Contractor do not select a method of binding dispute resolution, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction.

ARTICLE 7 TERMINATION OR SUSPENSION

§ 7.1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of AIA Document A201-2017.

§ 7.1.1 If the Contract is terminated for the Owner's convenience in accordance with Article 14 of AIA Document A201–2017, then the Owner shall pay the Contractor a termination fee as follows:

(Insert the amount of, or method for determining, the fee, if any, payable to the Contractor following a termination for the Owner's convenience.)

7.1.2 This project is dependent on grant funding from the Washington Department of Commerce. If at any point this funding is revoked this project will be terminated

§ 7.2 The Work may be suspended by the Owner as provided in Article 14 of AIA Document A201–2017.

ARTICLE 8 MISCELLANEOUS PROVISIONS

§ 8.1 Where reference is made in this Agreement to a provision of AIA Document A201–2017 or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

§ 8.2 The Owner's representative: (Name, address, email address, and other information)

Steve Hinton TULALIP TRIBES OF WASHINGTON 6406 Marine Drive, Tulalip, WA 98271

§ 8.3 The Contractor's representative: (Name, address, email address, and other information)

Init.

1

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§ 8.4 Neither the Owner's nor the Contractor's representative shall be changed without ten days' prior notice to the other party.

§ 8.5 Insurance and Bonds

§ 8.5.1 The Owner and the Contractor shall purchase and maintain insurance as set forth in AIA Document A101TM-2017, Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum, Exhibit A, Insurance and Bonds, and elsewhere in the Contract Documents.

§ 8.5.2 The Contractor shall provide bonds as set forth in AIA Document A101TM-2017 Exhibit A, and elsewhere in the Contract Documents.

(Paragraphs Deleted)

§ 8.7 Other provisions:

None Identified

ARTICLE 9 ENUMERATION OF CONTRACT DOCUMENTS § 9.1 This Agreement is comprised of the following documents:

.1 AIA Document A101TM-2017, Standard Form of Agreement Between Owner and Contractor (Paragraph Deleted)

.3 (Paragraphs Deleted)

(Table Deleted)

.4 Specifications : Exhibit B - Specification Table of Contents, Specifications dated July 23, 2020

(Table Deleted)

Addenda, if any:

Number Addendum # 1 Addendum # 2

Date May 3, 2021 May 6, 2021

Pages 5 pages, plus attachments 3 pages, plus attachments

Portions of Addenda relating to bidding or proposal requirements are not part of the Contract Documents unless the bidding or proposal requirements are also enumerated in this Article 9.

(Paragraphs Deleted)

(Table Deleted)

[] Supplementary and other Conditions of the Contract:

Init.

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Document	Title	Date	Pages
Supplementary Condition to the		7/23/	
Contract			

.9 Other documents, if any, listed below:

> (List here any additional documents that are intended to form part of the Contract Documents. AIA Document A201TM_2017 provides that the advertisement or invitation to bid, Instructions to Bidders, sample forms, the Contractor's bid or proposal, portions of Addenda relating to bidding or proposal requirements, and other information furnished by the Owner in anticipation of receiving bids or proposals, are not part of the Contract Documents unless enumerated in this Agreement. Any such documents should be listed here only if intended to be part of the Contract Documents.)

This Agreement entered into as of the day and year first written above.

OWNER (Signature)

CONTRACTOR (Signature)

Christina Hansen, President of The Board (Printed name and title)

(Printed name and title)

1

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SPECIAL CONDITIONS

1. GENERAL

All applicable Federal, State and Local codes, ordinances and regulations shall apply to this Work.

2. CONTRACTOR'S LICENSE

Contractor for this Work shall be licensed as required by the State of Washington. General Contractor and all Subcontractors working on this project are required to have a **Tulalip Business License**.

3. TIME FOR COMPLETION

All Work in this Contract shall be substantially complete within **270** calendar days from the Notice to Proceed. Extensions may be granted due to conditions beyond the control of the Contractor or his Subcontractors. Validity of such conditions shall be determined solely by the Architect.

4. COMPLETION SCHEDULE

Time is of the essence in the commencement, continuation, and completion of the Work. Contractor shall prepare and submit for Owner's approval a construction schedule for Final completion of the Work. The construction schedule shall not exceed the time limits specified in the Contract.

The Contractor will update the schedule and the Final Completion dates for each Phase of the Work for Owner's approval with each construction draw request. Extensions for Final Completion of any Phase of the Work, based on adverse weather or other *force majeure* events, shall be made only through written change orders prepared by Contractor and submitted to Owner, for its approval, within five (5) days of such delay. In the case of weather delays, Owner will approve only those change orders caused by abnormal weather conditions not reasonably anticipated using 50-year weather data (e.g., rain, snow and cold weather not normally anticipated at the time of year in which the Work is to be completed).

5. SUBSTANTIAL COMPLETION

The Project shall be deemed to have achieved "Substantial Completion" when all of the following have occurred:

- a. The Project architect has issued a Certificate of Substantial Completion (AIA Form G704 or the equivalent).
- b. The Project or, in the case of a phased project, specific units in a particular phase, are capable of being beneficially occupied for their intended use; and
- c. A certificate of occupancy or the equivalent governmental permit has been issued that allows the Project or the units in a particular Phase, as applicable, to be leased and occupied.

6. LIQUIDATED DAMAGES

Liquidated damages of **\$750.00** per day shall be paid by the Contractor to the Owner for each day beyond Time for Completion that construction is required for completion of the Work. Completion shall be considered the date on which the Architect issues a Certificate of Substantial Completion. Substantial Completion shall be as determined solely by the Architect.

7. FINAL COMPLETION

The Project shall be deemed to have achieved "Final Completion" when all of the items set forth in Section 5 hereof have occurred and all of the following additional items have occurred:

- a. The Project architect has issued a Final Certificate for Payment.
- b. All punch list items have been completed to the satisfaction of the Project architect and Owner; and
- c. Owner has received full and final lien waivers from the Contractor and all subcontractors and material suppliers, irrespective of tier, together with a Contractor's affidavit or sworn statement covering all Work for the Project.

8. RETAINAGE

In connection with each disbursement on account of any hard cost item due, an amount (the "Retainage") equal to five percent (5%) of that portion of the Contract sum allocable to each portion of the Work completed shall be deducted from each progress payment under the Contract. The Retainage, less any deductions from the Contract sum provided for under the Contract, shall be paid upon Final Completion of the Work. Notwithstanding the foregoing, if a portion of the Work cannot be completed because weather conditions prevent the completion of certain exterior work (e.g., landscaping or exterior pavements) ("Exterior Items"), Retainage shall be disbursed less one hundred fifty percent (150%) of the sum the architect reasonably determines to be allocable to the completion of the Exterior Items. If Contractor fails to complete the Exterior Items by a mutually agreed upon date, Owner may use the Retainage to complete such Items and the Contractor forfeits all rights to such Retainage.

9. BOND

The Contractor shall deliver to the Owner a good and sufficient bond with a surety company as surety, in an amount equal to the full contract price, conditioned that such person or persons shall faithfully perform all the provisions of such contract and pay all laborers, mechanics and subcontractors and materialmen, and all persons who shall supply such person or persons, or subcontractors, with provisions and supplies for the carrying on of such work. Bond shall be to **Tulalip Tribes of Washington**.

10. WAGE RATES

This project is subject to **State Prevailing Wage** rates. No workmen, laborer, or mechanical employed in the performance of any part of this Contract shall be paid less than the prevailing rate of wage as determined by the Industrial Statistician of the Department of Labor and Industries and bound herein.

11. SPECIAL PAYMENT REQUIREMENTS

Before payment is made to the Contractor of any sums due under this Contract, the Owner must receive from the Contractor and each Subcontractor a copy of "Statement of Intent to Pay Prevailing Wages", approved by the Washington State Department of Labor and Industries.

Upon completion of this Contract, the Owner must receive from the Contractor and each Subcontractor a copy of "Affidavit of Wages Paid" approved by the State Department of Labor and Industries. In addition, the Owner must receive from the Contractor a copy of "Request for Release" approved by the State Department of Labor and Industries. These affidavits will be required before any funds retained are released to the Contractor. The Contractor shall establish the project with the Department of Labor and Industries (L&I) and forms may be submitted online. A fee for each "Statement of Intent to Pay Prevailing Wages" and "Affidavit of Wages Paid" is required to accompany each form submitted to L&I. The Contractor is responsible for payment of these fees and shall make all applications directly to L&I.

12. LIMITS OF INSURANCE

Limits of insurance shall be as included in the Article 11 of the Draft General Conditions of the Contract for Construction, AIA A201, and in the Supplementary Conditions, as included herein.

****END OF SPECIAL CONDITIONS****

The "General Conditions of the Contract for Construction," AIA Document A201, 2017 Edition, shall be modified as follows:

Modification of a portion of an article of the General Conditions by these "Supplementary Conditions" shall apply to and supersede only those portions of the General Conditions to which reference is made in said modifications and shall not be construed to nullify or change any other portion of that or other articles. In case of discrepancy between articles of the General Conditions and the Supplementary Conditions, the latter shall take precedence.

SUBPARAGRAPH 1.2.1: ADD THE FOLLOWING

Bring conflicts in documents to Architect's attention. Following is the order of authority of documents, the first taking highest precedence:

- A. Agreement (Owner-Contractor).
- B. Addenda.
- C. Federal, State and local codes or ordinances.
- D. Special Conditions.
- E. Supplementary Conditions.
- F. General Conditions of the Contract for Construction.
- G. *Specifications (Divisions 1 through 32): Specifications shall govern over drawings and general notes insofar as quality of materials, thickness or gauge of materials, finish of materials, composition of materials and quality of workmanship.
- H. *Drawings: Figured dimensions on drawings shall govern over nominal dimensions and over drawings without figured dimensions. The largest scale drawing covering any portion of the work shall govern over small-scale drawings of the same portion of work except as noted herein for figured dimensions. Actual physical dimensions of specified stock items shall govern over dimensions shown on drawings on work to receive such stock items. Custom items or modified stock items shall be fabricated to dimensions shown on drawings or cut to fit into other dimensioned work.
- *Note: Should conflict occur in or between drawings and specifications, Contractor is deemed to have estimated on more expensive way of doing work unless he shall have asked for and obtained written decision 72 hours before submission of bids as to which method or materials will be required.

SUBPARAGRAPH 3.2.1: ADD THE FOLLOWING

Omission from Contract Documents, or the miss-description of details or work which is evidently necessary to carry out the intent of the contract documents or which is customarily performed, shall not relieve Contractor from performing such omission and details of work, but they shall be performed as if fully and correctly set forth and described in the Contract Documents.

Drawings are in part diagrammatic and do not necessarily show complete details of construction, work or materials, or their performance or installation, and do not necessarily show how construction details or other items of work or fixtures of equipment may affect any particular installation, and these must be ascertained by the Contractor and correlated to bring the parts together to a completed whole.

Work not covered under any heading, section, branch, class or trade of the Project Manual, but shown on the drawings or reasonably inferable therefrom as being necessary to produce the intended results shall be furnished and installed similarly to related items more positively indicated, without additional cost to the Owner.

SUBPARAGRAPH 3.6.1: REVISE TO READ

Contractor shall be responsible for administering the payment of all consumer, use and similar taxes, sales tax, excise tax and any other Federal Tax or State Sales Tax and Local Sales Tax required by law. In his proposal, Contractor shall include the payment out of his own funds, all taxes, <u>except</u> Washington State Sales Tax. The Owner will pay WSST to the Contractor as part of the monthly payment. Upon completion of the work, the net tax due will be based on the final contract price.

SUBPARAGRAPH 3.7.1: REVISE TO READ

The Contractor shall secure and pay for the general building permit and other permits and governmental fees, licenses and inspections necessary for proper execution and completion of the Work which are customarily secured after execution of the Contract and which are legally required when bids are received. After award of the contract, furnish a copy of all required permits to the Owner's Representative prior to beginning the work.

All fees, licenses, inspections and permit costs, except the general building permit costs, shall be included in the Bid Proposals. Only the <u>actual cost</u> of the general building permit will be a direct reimbursement to the Contractor paid by the Owner.

SUBPARAGRAPH 3.10.1: ADD THE FOLLOWING

Submit schedule in chart form, showing in detail each work item, trade and/or phase of the work as it relates to the time-line of the project with start and end dates.

SUBPARAGRAPH 3.10.3: REVISE TO READ

The Contractor shall furnish sufficient forces, construction plant, and equipment, and shall work such hours, including night shifts and overtime operations, as may be necessary to insure the prosecution of the work in accordance with the most recently approved progress schedule. If the Contractor falls behind the progress schedule, the Contractor shall take such steps as may be necessary to improve work progress by increasing the number of shifts, overtime operations, personal, days of work and the amount of construction plant, all without additional cost to the Owner.

PARAGRAPH 3.12.4: ADD THE FOLLOWING

See Section 013300 for additional "submittal" requirements.

PARAGRAPH 3.14.2: ADD THE FOLLOWING

See Section 017300 for additional "cutting and patching" requirements.

SUBPARAGRAPH 3.15.1: ADD THE FOLLOWING

Burning of debris is not allowed. Do not bury debris on-site. Beside general "broom-cleanup" specified, do the special cleaning for all trades at completion of work as specified in Section 017700 - Closeout **Procedures**.

SUBPARAGRAPH 7.2.1: ADD THE FOLLOWING

When a Change Order involves an increase in the Contract Sum, allowances for combined overhead and profit shall be computed as follows:

15% on direct costs of Prime Contractor's work and 10% to the cost for work performed by Subcontractors. The Contractor may add an amount, confirmed by the surety, not to exceed 3% for the additional bond premium.

Subcontractor may add 15% for overhead and profit for work performed by their own forces.

PARAGRAPH 8.1:

8.1.1, add the following: Time for completion is stated in the "Special Conditions".

8.1.2: Delete the word "Agreement" and replace with "Notice to Proceed".

8.3.1: Add the following: "The Contractor's only relief for such delays will be an extension of the Contract Time and will not be entitled to any increase in the Contract Sum.

9.2: Closeout line item shall be included having a minimum of 1% of total contract amount.

SUBPARAGRAPH 9.3.1: ADD THE FOLLOWING

Contractor shall utilize Application for Payment form as approved by the Architect and shall submit in number as directed for each application.

PARAGRAPH 9.8: ADD THE FOLLOWING SUBPARAGRAPHS

9.8.1.1: Substantial completion shall include to mean that the area of work is 100% complete, has been inspected and accepted by the Owner, that the Occupancy Permit has been issued by the Building Department, and the Certificate of Substantial Completion has been issued for the area of work by the Architect with Owners signature of acceptance.

9.8.6: Upon approved and signed Certificate of Substantial Completion of the <u>entire work</u> and receipt of the Occupancy Certificate, the Owner shall make payment of a sum sufficient to increase the total payments to 95% of the contract price or value of work performed. Final payment shall be due 30 days after substantial completion, <u>provided</u> the work by then be fully completed and accepted and the contract fully performed and accepted by the Owner. Full performance shall include all the requirements of Paragraph 9.10, the aforementioned additions thereto and the providing of properly executed AIA Forms G706 "Contractor's Affidavit of Payment of Debts and Claims", as well as other documents required under Section 017700 - Closeout Procedures.

SUBPARAGRAPH 11.1.2: ADD THE FOLLOWING

Limits of insurance shall be as follows: (Coverage must include all work)

- A. Liability Insurance: not less than Two Million Dollars (\$2,000,000.00) for bodily injury including death per occurrence and Two Million Dollars (\$2,000,000.00) in the aggregate.
- B. Property Damage Insurance: not less than One Million Dollars (\$1,000,000.00) per each occurrence.
- C. Workmen's Compensation: As required by law.
- D. Indemnification/Hold Harmless requirements identified under Paragraph 3.18 shall apply and shall be so noted on Certificate of Insurance. In addition, the following coverage shall be included:
 - a. Underground, Collapse, and Blasting: the following clause "Injury to or destruction of property caused by the collapse or structural injury to any building or structure due to (1) excavation or backfill, pile driving or caisson work, or (2) moving, shoring, underpinning, raising or demolition of any building or structure or removal or rebuilding of any structural support and damage due to any blasting operations and damage of any underground utilities in the performance of the work shall be included in the coverage for which certificate is furnished."
 - b. Compensation & Employer's Liability Insurance: in case of any class of employees engaged in hazardous work under this contract at the site of the project is not protected under Statutory Workmen's Compensation Statute, the Contractor shall provide and shall cause each subcontractor to provide compensation insurance with a private company, in an amount equivalent to that provided by the Workmen's Compensation Statute for the protection of his employees not otherwise protected.
 - c. Broad Form Property Damage Liability Insurance shall be included in the coverage for which certificate is furnished.
 - d. Comprehensive Automobile Liability Insurance including non-ownership and hire care coverage, as well as owned vehicles shall be included in the coverage for which certificate is furnished.
 - e. Non-cancellation Rider: policies shall carry a rider which states that they are not subject to unilateral cancellation and that any cancellation for any reason shall require notice to the Owner, properly delivered. No insurance shall be terminated without such notice and a 30-day period of grace.
- E. Contractor to purchase One Million Dollars (\$1,000,000) excess bodily injury/property damage limits in addition to primary limits specified.
- F. Contractor shall include "Cross Liability Endorsement" or "Separation of Insured."

* * * END OF SUPPLEMENTARY CONDITIONS TO THE CONTRACT * * *

Exhibit B. Proposal Form



Exhibit B - PROPOSAL FORM

Responses to the Tulalip Tribes Request for Proposals Gathering Hall Microgrid Project

Firm Name:

The Undersigned offers and agrees to provide Contract Services for the Tulalip Tribes under the attached AIA A101-2017.

The proposer understands that any false statement may disqualify this proposal from consideration or be cause for contract termination.

The proposer certifies that it does not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, handicap, financial ability, age or other non-job-related factors.

Washington UBI Number: Expiration Date:

Resident Firm	Non-resident Firm	
Corporation	Partnership	
Sole Proprietor	Joint Venture	
Other		

Has your firm ever been disqualified by a government agency from bidding or proposing on a Tribal and/or public project?_____(yes/no)

If the answer is yes, explain the circumstances, project, contracting agency and date. State the reason for disqualification and if the disqualification has ended. Use additional sheets if required.

Has your firm ever been terminated from a Tribal and/or public contract?_____(yes/no)

If the answer is yes, explain the circumstances, project, contracting agency and date. State the reason for termination. Use additional sheets if required.

Has your firm ever been involved in litigation involving made against any payment or performance bond taken o against your firm for alleged contract breach or substance against your firm for dishonesty, fraud, or misappropria (yes/no)	ut by your firm? Has a legal claim been made lard performance, or has a claim been made
If the answer is yes, provide a full explanation on a sepa	arate sheet entitled "Claims".
Has your firm ever been placed on any Federal debarme	nt list?(yes/no)
If the answer is yes, provide a full explanation on a sepa	rate sheet entitled "Federal Debarment List".
I acknowledge receipt of Addendum(s)	
By submitting this proposal, the Contractor agrees to the RFP unless otherwise noted.	AIA A101-2017 contract form included in the
Firm Name:	Phone:
Address:	
By (print):	Title:
Signed:	Date:

This form must be signed and returned with the proposal.

Exhibit C. Washington State Department of Commerce Grant Program Document

DECLARATIONS

The Washington State Department of Commerce (Commerce) has been appropriated funds under Section 1006 14 of Engrossed Substitute Senate Bill 5949 to enter into an agreement with a third-party contractor to complete a prefeasibility study of geothermal power generation options in Whatcom county.

#24-92201-008

SWV0012216-00

2023

CLIENT INFORMATION

Legal Name: Contract Number: Award Year: State Wide Vendor Number:

PROJECT INFORMATION

Project Title: Project Address: Tulalip Gathering Hall Microgrid See Attachment "E" – Site List

The Tulalip Tribes of Washington

GRANT INFORMATION

Maximum Percent from Commerce Type of Match Accepted: Earliest Date for Reimbursement: Time of Performance 90% of eligible costs Cash, In-kind Execution Date 12/1/2024 - 12/31/2026

PROGRAM SPECIFIC TERMS AND CONDITIONS GOVERNING THIS GRANT

As identified herein, notwithstanding General & Specific Terms and Conditions Sections, the following Program Specific Terms and Conditions take precedence over any similarly referenced Special or General Terms and Conditions:

1. COPYRIGHT PROVISIONS (REPLACE GENERAL TERMS & CONDITIONS #7)

Provided that the deliverables required under the Scope of Work are produced in substantial compliance with the Project Timeline and Milestones COMMERCE disclaims any ownership interest in all other Materials produced under this Contract, and "Work Product" including, without limitation, document, data, studies, surveys, drawings, maps, photographs and any objects or source code for any software developed pursuant to or in connection with this Contract, as well as any copyrights, patents, trade secrets, trademarks or other intellectual property developed for or in connection with this Contract, shall be exclusively owned by and be the exclusive property of Tribe or Nation and/or its Subcontractors (as determined between Tribe or Nation and its Subcontractors).

Notwithstanding the foregoing, the Tribe or Nation hereby grants to COMMERCE a nonexclusive, royaltyfree, irrevocable license (with rights to sublicense to others) in such Materials to translate, reproduce, distribute, prepare derivative works, publicly perform, and publicly display the Project Reports (as defined below). The Tribe or Nation warrants and represents that the Tribe or Nation has all rights and permissions, including intellectual property rights, moral rights and rights of publicity, necessary to grant such a license to COMMERCE.

"Project Reports" mean the project implementation reports and other information required to be submitted by Tribe or Nation to COMMERCE under the Scope of Work herein. Project Reports will not contain Confidential Information or Work Product.

2. INTELLECTUAL PROPERTY PROVISIONS

All Work Product including, without limitation, capital asset and any object or source code for any software developed pursuant to or in connection with this Contract, as well as any copyrights, patents, trade secrets, trademarks or other intellectual property developed for or in connection with this Contract,

shall be exclusively owned by and be the exclusive property of the Tribe or Nation and/or its Subcontractors (as determined between the Tribe or Nation and its Subcontractors).

COMMERCE reserves the right to request a nonexclusive, royalty-free, irrevocable license and right to translate, reproduce, sublicense on the terms set forth herein, prepare derivative works, publicly perform, and publicly display such Work Product, provided that any proprietary and confidential information shall be clearly marked as such and shall be protected from disclosure (except to the extent otherwise required by law) as more fully set forth in Section 5 of the General Terms and Conditions.

3. SUBGRANTING (REPLACES GENERAL TERMS AND CONDITIONS #19)

The Tribe or Nation shall maintain written procedures related to subcontracting, as well as copies of all subcontracts and records related to subcontracts. For cause, COMMERCE in writing may: (a) require the Tribe or Nation to amend its subcontracting procedures as they relate to this Agreement; (b) prohibit the Tribe or Nation from subcontracting with a particular person or entity; or (c) require the Tribe or Nation to rescind or amend a subcontract.

Every subcontract shall bind the Subcontractor to follow all applicable terms of this Agreement. The Tribe or Nation is responsible to COMMERCE if the Subcontractor fails to comply with any applicable term or condition of this Agreement. The Tribe or Nation shall appropriately monitor the activities of the Subcontractor to assure fiscal conditions of this Agreement. In no event shall the existence of a subcontract operate to release or reduce the liability of the Tribe or Nation to COMMERCE for any breach in the performance of the Tribe or Nation's duties.

Every subcontract shall include a term that COMMERCE and the State of Washington are not liable for claims or damages arising from a Subcontractor's performance of the subcontract.

4. HISTORICAL OR CULTURAL ARTIFACTS

Prior to approval and disbursement of any funds awarded under this Contract, the Tribe or Nation shall complete the requirements of Governor's Executive Order 21-02, where applicable, or the Tribe or Nation shall complete a review under Section 106 of the National Historic Preservation Act, if applicable. The Tribe or Nation agrees that the the Tribe or Nation is legally and financially responsible for compliance with all laws, regulations, and agreements related to the preservation of historical or cultural resources and agrees to hold harmless COMMERCE and the state of Washington in relation to any claim related to such historical or cultural resources discovered, disturbed, or damaged as a result of the project funded by this Contract.

In addition to the requirements set forth in this Contract, the Tribe or Nation shall, coordinate with the Tulalip Tribes' Cultural Resource Manager during Project design and prior to construction to determine the existence of any tribal cultural resources affected by Project. The Tribe or Nation agrees to avoid, minimize, or mitigate impacts to the cultural resource as a continuing prerequisite to receipt of funds under this Contract.

The Tribe or Nation agrees during deisgn and prior to and during construction, it shall proceed under an approved historical and cultural monitoring plan or other memorandum of agreement, approved by the Tulalip Tribes' Cultural Resource Manager.

The Tribe or Nation shall require this provision to be contained in all subcontracts for work or services related to the Scope of Work attached hereto.

Completion of the requirements of Section 106 of the National Historic Preservation Act shall substitute for completion of Governor's Executive Order 21-02.

In the event that the Tribe or Nation finds it necessary to amend the Scope of Work the Tribe or Nation may be required to re-comply with Governor's Executive Order 21-02 or Section 106 of the National Historic Preservation Act.

5. PREVAILING WAGE LAW

The Tribe or Nation certifies that all contractors and subcontractors performing work on the Project shall comply with state Prevailing Wages on Public Works, Chapter 39.12 RCW, as applicable to the Project funded by this Agreement, including but not limited to the filing of the "Statement of Intent to Pay

Prevailing Wages" and "Affidavit of Wages Paid" as required by RCW 39.12.040. The Tribe or Nation shall maintain records sufficient to evidence compliance with Chapter 39.12 RCW, and shall make such records available for COMMERCE's review upon request.

6. TREATMENT OF ASSETS

The parties do not anticipate that Commerce will furnish property (other than the state funds granted herein) to Tribe or Nation for use in Tribe or Nation's performance under this Agreement; provided, however, that title to any other property that may be so furnished by Commerce shall remain in Commerce. Commerce claims no ownership for the materials, goods, or services purchased by the Tribe or Nation for the completion of this Agreement, regardless of reimbursement status under this agreement.

- A. Any property of Commerce furnished to the Tribe or Nation shall, unless otherwise provided herein or approved by Commerce, be used only for the performance of this agreement.
- B. The Tribe or Nation shall be responsible for any loss or damage to property of Commerce that results from the negligence of the Tribe or Nation or which results from the failure on the part of the Tribe or Nation to maintain and administer that property in accordance with sound management practices.
- C. If any Commerce property is lost, destroyed or damaged, the Tribe or Nation shall immediately notify Commerce and shall take all reasonable steps to protect the property from further damage.
- D. The Tribe or Nation shall surrender to Commerce all property of Commerce prior to settlement upon completion, termination or cancellation of this agreement.

All reference to the Tribe or Nation under this clause shall also include Tribe or Nation's employees, agents or subcontractors.

7. DISPUTES (REPLACES GENERAL TERMS AND CONDITIONS #8)

In the event that a dispute arises under this Agreement, it shall be determined by a Dispute Board in the following manner: Each party to this Agreement shall appoint one member to the Dispute Board. The members so appointed shall jointly appoint an additional member to the Dispute Board. The Dispute Board shall review the facts, Agreement terms and applicable statutes and rules and make a determination of the dispute. The Dispute Board shall thereafter decide the dispute with the majority prevailing. The determination of the Dispute Board shall be final and binding on the parties hereto.

8. GOVERNING LAW AND VENUE (REPLACES GENERAL TERMS AND CONDITIONS #9)

This Agreement shall be construed and interpreted in accordance with the laws of the state of Washington, and the venue of any action brought hereunder for the sole purpose of enforcing a determination of the Dispute Board shall be in the Superior Court for Thurston County.

SPECIAL TERMS AND CONDITIONS TRIBAL AGREEMENT STATE FUNDS

1. AGREEMENT MANAGEMENT

The Representative for each of the parties shall be responsible for and shall be the contact person for all communications and billings regarding the performance of this Agreement.

The Representative for COMMERCE and their contact information are identified on the Face Sheet of this Agreement.

The Representative for the Tribe or Nation and their contact information are identified on the Face Sheet of this Agreement.

2. ACKNOWLEDGEMENT OF CLIMATE COMMITMENT ACT FUNDING

COMMERCE shall pay an amount not to exceed the amount shown as grant amount on the attached declarations page for the performance If this Agreement is funded in whole or in part by the Climate Commitment Act, The Tribe or Nation agrees that any website, announcement, press release, and/or publication (written, visual, or sound) used for media-related activities, publicity, and public outreach issued by or on behalf of Tribe or Nation which reference programs or projects funded in whole or in part with Washington's Climate Commitment Act (CCA) funds under this Grant, shall contain the following statement:

"The [PROGRAM NAME / GRANT / ETC.] is supported with funding from Washington's Climate Commitment Act. The CCA supports Washington's climate action efforts by putting cap-and-invest dollars to work reducing climate pollution, creating jobs, and improving public health. Information about the CCA is available at www.climate.wa.gov."

The Tribe or Nation agrees to ensure coordinated Climate Commitment Act branding on work completed by or on behalf of the Tribe or Nation. The CCA logo must be used in the following circumstances, consistent with the branding guidelines posted at CCA brand toolkit, including:

- A. Any project related website or webpage that includes logos from other funding partners;
- B. Any publication materials that include logos from other funding partners;
- C. Any on-site signage including pre-during Construction signage and permanent signage at completed project sites; and
- D. Any equipment purchased with CAA funding through a generally visible decal.

3. COMPENSATION

COMMERCE shall pay an amount not to exceed the amount shown as grant amount on the attached declarations page for the performance of all things necessary for or incidental to the performance of work as set forth in the Scope of Work.

4. BILLING PROCEDURES AND PAYMENT

COMMERCE will pay the Tribe or Nation upon acceptance of services provided and receipt of properly completed invoices for completed milestones, which shall be submitted to the Representative for COMMERCE via the Commerce Contracts Management System. The Tribe or Nation shall provide the Representative of COMMERCE a signed electronic Invoice A19 form that includes the contract number referenced on the declarations page.

The invoices shall describe and document, to COMMERCE's satisfaction, a description of the work performed, the progress of the project, and fees. The invoice shall include the Agreement reference number <u>TBD</u>. If expenses are invoiced, provide a detailed breakdown of each type. A receipt must accompany any single expenses in the amount of \$50.00 or more in order to receive reimbursement.

Payment shall be considered timely if made by COMMERCE within thirty (30) calendar days after receipt of properly completed invoices. Payment shall be sent to the address designated by the Tribe or Nation.

COMMERCE may, in its sole discretion, terminate the Agreement or withhold payments claimed by the Tribe or Nation for services rendered if the Tribe or Nation fails to satisfactorily comply with any term or condition of this Agreement.

No payments in advance or in anticipation of services or supplies to be provided under this Agreement shall be made by COMMERCE.

Duplication of Billed Costs

The Tribe or Nation shall not bill COMMERCE for services performed under this Agreement, and COMMERCE shall not pay the Contractor, if the Tribe or Nation is entitled to payment or has been or will be paid by any other source, including grants, for that service.

Disallowed Costs

The Tribe or Nation is responsible for any audit exceptions or disallowed costs incurred by its own organization or that of its subcontractors.

COMMERCE may, in its sole discretion, withhold ten percent (10%) from each payment until acceptance by COMMERCE of the final report, deliverable, or completion of the project.

5. SUBCONTRACTOR DATA COLLECTION

The Tribe or Nation will submit reports, in a form and format to be provided by Commerce and at intervals as agreed by the parties, regarding work under this Agreement performed by Subcontractors and the portion of the Agreement funds expended for work performed by subcontractors, including but not necessarily limited to minority-owned, woman-owned, and veteran-owned business subcontractors. "Subcontractors" shall mean subcontractors of any tier.

6. CULTURALLY RELEVANT SERVICES

In performing work pursuant to any Agreement, the Tribe or Nation may develop and operate programs and deliver goods, services, and/or benefits in a manner that is culturally relevant and particularly suited to and/or particularly located for access by members of the Contractor's Nation or other tribes, in accordance with Tribal Laws and policies.

7. HIRING AND EMPLOYMENT PRACTICES

The Tribe or Nation may give preference in its hiring and employment practices to members of the Contractor, or other tribes, who have met all requirements for that position, including state requirements, and as may be provided by Tribal Laws and policies.

8. INSURANCE

The Tribe or Nation shall provide insurance coverage as set out in this section. The intent of the required insurance is to protect COMMERCE should there be any claims, suits, actions, costs, damages or expenses arising from any loss, or negligent or intentional act or omission of the Tribe or Nation or Subcontractor, or agents of either, while performing under the terms of this Agreement.

The insurance required shall be issued by an insurance company authorized to do business within the state of Washington. Except for Professional Liability or Errors and Omissions Insurance, the insurance shall name the state of Washington, its agents, officers, and employees as additional insureds under the insurance policy. All policies shall be primary to any other valid and collectable insurance. The Tribe or Nation shall instruct the insurers to give COMMERCE thirty (30) calendar days advance notice of any insurance cancellation, non-renewal or modification.

The Tribe or Nation shall submit a certificate of insurance to COMMERCE which outlines the coverage and limits defined in this insurance section within fifteen (15) calendar days of a written request by COMMERCE. The certifications shall show the insurance coverage, the designated beneficiary, who is covered, the amounts, the period of coverage, and that COMMERCE will be provided thirty (30) days' advance written notice of cancellation. During the term of this Contract, if requested, the Contractor shall submit renewal certificates not less than thirty (30) calendar days prior to expiration of each policy required under this section.

DO NOT send insurance certificates to COMMERCE unless requested by COMMERCE. Any certificates received by mail will be returned to sender unless the certificate identifies the contract number, contract manager name, and/or program name to which it applies.

The Tribe or Nation shall provide insurance coverage that shall be maintained in full force and effect during the term of this Agreement, as follows:

Commercial General Liability Insurance Policy. Provide a Commercial General Liability Insurance Policy, including contractual liability, written on an occurrence basis, in adequate quantity to protect against legal liability arising out of Agreement activity but no less than \$1,000,000 per occurrence. Additionally, the Tribe or Nation is responsible for ensuring that any Subcontractors provide adequate insurance coverage for the activities arising out of subcontracts.

9. FRAUD AND OTHER LOSS REPORTING

Contractor shall report in writing all known or suspected fraud or other loss of any funds or other property furnished under this Contract immediately or as soon as practicable to the Commerce Representative identified on the Face Sheet.

10. ORDER OF PRECEDENCE

In the event of an inconsistency in this Agreement, the inconsistency shall be resolved by giving precedence in the following order:

- Applicable federal and state of Washington statutes and regulations (as in Attachment D)
- Program Specific Terms and Conditions
- Special Terms and Conditions
- General Terms and Conditions
- Attachment A Scope of Work
- Attachment B Budget
- Attachment C Reporting
- Attachment E Site List

11. SOVEREIGN IMMUNITY

Nothing whatsoever in this Agreement constitutes or waives or may be deemed to waive the Tribe or Nation's sovereign immunity.

GENERAL TERMS AND CONDITIONS TRIBAL AGREEMENT STATE FUNDS

1. DEFINITIONS

As used throughout this Agreement, the following terms shall have the meaning set forth below:

- A. "Agreement" or "Grant" or "Contract" means the entire written Agreement between COMMERCE and the Tribe or Nation, including any Attachments, documents, or materials incorporated by reference. E-mail or facsimile transmission of a signed copy of this Agreement shall be the same as delivery of an original.
- **B.** "Authorized Representative" shall mean the Director and/or the designee authorized in writing to act on the Director's behalf.
- **C.** "COMMERCE" shall mean the Washington Department of Commerce.
- D. "Materials" shall mean all items in any format and includes, but is not limited to, data, reports, documents, pamphlets, advertisements, books, magazines, surveys, studies, computer programs, films, tapes, and/or sound reproductions. "Ownership" includes the right to copyright, patent, register and the ability to transfer these rights.
- E. "Parties" shall mean the Tribe or Nation and COMMERCE, who are the Parties to this Agreement.
- F. "State" shall mean the state of Washington.
- **G.** "Subgrantee" or "Subcontractor" shall mean one not an employee of the Tribe or Nation, who is performing all or part of those services under this Agreement under a separate agreement with the Tribe or Nation. The terms "Subgrantee" and "Subgrantees" means Subgrantee(s) in any tier.
- H. "Tribal Law" means the resolutions, law, codes, and/or ordinances enacted by the Tribe or Nation executing this Agreement, and any of the Tribe or Nation's tribal court decisions interpreting the same. All references in this Agreement to Tribal Law shall include any successor, amended, or replacement law, as of the effective date of such successor, amended, or replacement law.
- I. "Tribe or Nation" or "Contractor" or "Grantee" shall mean the entity identified on the face sheet performing service(s) under this Agreement, and shall include all employees and agents of the Tribe or Nation.
- J. "Vendor" is an entity that agrees to provide the amount and kind of services requested by COMMERCE; provides services under the Agreement only to those beneficiaries individually determined to be eligible by COMMERCE and, provides services on a fee-for-service or per-unit basis with contractual penalties if the entity fails to meet program performance standards.

2. ALL WRITINGS CONTAINED HEREIN

This Agreement contains all the terms and conditions agreed upon by the Parties. No other understandings, oral or otherwise, regarding the subject matter of this Agreement shall be deemed to exist or to bind any of the Parties hereto.

3. AMENDMENTS

This Agreement may be amended by mutual agreement of the Parties. Such amendments shall not be binding unless they are in writing and signed by personnel authorized to bind each of the Parties.

4. ASSIGNMENT

Neither this Agreement, nor any claim arising under this Agreement, shall be transferred or assigned by the Tribe or Nation without prior written consent of COMMERCE.

5. CONFIDENTIALITY/SAFEGUARDING OF INFORMATION

A. "Confidential Information" as used in this section includes:

i. all material provided to the Tribe or Nation by COMMERCE that is designated as "confidential" by COMMERCE;

- ii. all material produced by the Tribe or Nation that is designated as "confidential" by COMMERCE; and
- iii. all Personal Information in the possession of the Tribe or Nation that may not be disclosed under state or federal law. "Personal Information" includes but is not limited to information related to a person's name, health, finances, education, business, use of government services, addresses, telephone numbers, social security numbers, driver's license numbers and other identifying numbers, and "Protected Health Information" under the federal Health Insurance Portability and Accountability Act of 1996 (HIPAA).
- B. The Tribe or Nation shall comply with all state and federal laws related to the use, sharing, transfer, sale, or disclosure of Confidential Information. The Tribe or Nation shall use Confidential Information solely for the purposes of this Agreement and shall not use, share, transfer, sell or disclose any Confidential Information to any third party except with the prior written consent of COMMERCE or as may be required by law. The Tribe or Nation shall take all necessary steps to assure that Confidential Information is safeguarded to prevent unauthorized use, sharing, transfer, sale or disclosure of Confidential Information or violation of any state or federal laws related thereto. Upon request, the Tribe or Nation shall provide COMMERCE with its policies and procedures on confidentiality. COMMERCE may require changes to such policies and procedures as they apply to this Agreement whenever the Grantor reasonably determines that changes are necessary to prevent unauthorized disclosures. The Tribe or Nation shall make the changes within the time period specified by COMMERCE. Upon request, the Tribe or Nation shall make the changes within the time period specified by COMMERCE. Upon request, the Tribe or Nation shall immediately return to COMMERCE any Confidential Information that COMMERCE reasonably determines has not been adequately protected by the Tribe or Nation against unauthorized disclosure.
- C. Unauthorized Use or Disclosure. The Tribe or Nation shall notify COMMERCE within twenty-four (24) hours of any unauthorized use or disclosure of any confidential information, and shall take necessary steps to mitigate the harmful effects of such use or disclosure.

6. CONFLICT OF INTEREST

In performing under this Agreement, the Tribe or Nation shall comply with applicable state or federal laws related to ethics or conflicts of interest as well as its own ethics policies.

7. COPYRIGHT PROVISIONS (REPLACED BY PROGRAM SPECIFIC TERMS AND CONDITIONS #1)

Unless otherwise provided, all Materials produced under this Agreement shall be considered "works for hire" as defined by the U.S. Copyright Act and shall be owned by the Grantor. COMMERCE shall be considered the author of such Materials. In the event the Materials are not considered "works for hire" under the U.S. Copyright laws, the Tribe or Nation hereby irrevocably assigns all right, title, and interest in all-Materials, including all intellectual property rights, moral rights, and rights of publicity to COMMERCE effective from the moment of creation of such Materials.

"Materials" means all items in any format and includes, but is not limited to, data, reports, documents, pamphlets, advertisements, books, magazines, surveys, studies, computer programs, films, tapes, and/or sound reproductions. "Ownership" includes the right to copyright, patent, register and the ability to transfer these rights.

For Materials that are delivered under the Agreement, but that incorporate pre-existing materials not produced under the Agreement, the Tribe or Nation hereby grants to COMMERCE a nonexclusive, royalty-free, irrevocable-license (with rights to sublicense to others) in such Materials to translate, reproduce, distribute, prepare derivative works, publicly perform, and publicly display. The Tribe or Nation warrants and represents that the Tribe or Nation has all rights and permissions, including intellectual property rights, moral rights and rights of publicity, necessary to grant such a license to COMMERCE.

The Tribe or Nation shall exert all reasonable effort to advise COMMERCE, at the time of delivery of Materials furnished under this Agreement, of all known or potential invasions of privacy contained therein and of any-portion of such document which was not produced in the performance of this Agreement. The Tribe or Nation shall provide COMMERCE with prompt written notice of each notice or claim of infringement received by the Tribe or Nation with respect to any Materials delivered under this Agreement. COMMERCE shall have the right to modify or remove any restrictive markings-placed upon the Materials by the Tribe or Nation.

8. DISPUTES (REPLACED BY PROGRAM SPECIFIC TERMS AND CONDITIONS #7)

Except as otherwise provided in this Agreement, when a dispute arises between the Parties and it cannot be resolved by direct negotiation, either party may request a dispute hearing with COMMERCE's Director, who may designate a neutral person to decide the dispute.

The request for a dispute hearing must:

- be in writing;
- state the disputed issues;
- state the relative positions of the Parties;
- state the Tribe or Nation's name, address, and Agreement number; and
- be mailed to the Director and the other party's (respondent's) Agreement Representative within three (3) working days after the Parties agree that they cannot resolve the dispute.

The respondent shall send a written answer to the requestor's statement to both the Director or the Director's designee and the requestor within five (5) working days.

The Director or designee shall review the written statements and reply in writing to both Parties within ten (10) working days. The Director or designee may extend this period if necessary by notifying the Parties.

The decision shall not be admissible in any succeeding judicial or quasi-judicial proceeding.

The Parties agree that this dispute process shall precede any action in a judicial or quasi-judicial tribunal.

Nothing in this Agreement shall-be construed to limit the Parties' choice of a mutually acceptable alternate dispute resolution (ADR) method in addition to the dispute hearing procedure outlined above.

9. <u>GOVERNING LAW AND VENUE (REPLACED BY PROGRAM SPECIFIC TERMS AND CONDITIONS</u> <u>#8)</u>

This Agreement shall be construed and interpreted in accordance with the laws of the state of Washington, and the venue of any action brought hereunder shall be in the Superior Court for Thurston County.

10. INDEMNIFICATION

Each party shall be responsible for the acts or omissions of itself and its own officers, employees, and agents acting within the scope of their authority. No party to this Agreement shall be responsible for the acts or omissions of entities or individuals not a party to this Agreement.

11. INDEPENDENT CAPACITY OF THE TRIBE OR NATION

The Parties intend that an independent contractor relationship will be created by this Agreement. The Tribe or Nation and its employees or agents performing under this Agreement are not employees or agents of the state of Washington or COMMERCE. The Tribe or Nation will not hold itself out as or claim to be an officer or employee of COMMERCE or of the state of Washington by reason hereof, nor will the Tribe or Nation make any claim of right, privilege or benefit which would accrue to such officer or employee under law. Conduct and control of the work will be solely with the Tribe or Nation.

12. LAWS

The Tribe or Nation shall comply with all applicable laws, ordinances, codes, regulations and policies of tribal, local, state, and federal governments, as now or hereafter amended.

13. NONDISCRIMINATION

A. Nondiscrimination Requirement. During the term of this Agreement, The TRIBE OR NATION, including any subcontractor, shall not discriminate on the bases enumerated at RCW 49.60.530(3).

In addition, TRIBE OR NATION, including any subcontractor, shall give written notice of this nondiscrimination requirement to any labor organizations with which the TRIBE OR NATION, or subcontractor, has a collective bargaining or other agreement.

The funds provided under this Agreement shall not be used to fund religious worship, exercise, or instruction. No person shall be required to participate in any religious worship, exercise, or instruction in order to have access to the facilities funded by this Agreement.

- B. Obligation to Cooperate. The TRIBE OR NATION, including any subcontractor, shall cooperate and comply with any Washington state agency investigation regarding any allegation that The TRIBE OR NATION, including any subcontractor, has engaged in discrimination prohibited by this Agreement pursuant to RCW 49.60.530(3).
- C. Default. Notwithstanding any provision to the contrary, COMMERCE may suspend The TRIBE OR NATION, including any subcontractor, upon notice of a failure to participate and cooperate with any state agency investigation into alleged discrimination prohibited by this Contract, pursuant to RCW 49.60.530(3). Any such suspension will remain in place until COMMERCE receives notification that the TRIBE OR NATION, including any subcontractor, is cooperating with the investigating state agency. In the event the TRIBE OR NATION, or subcontractor, is determined to have engaged in discrimination identified at RCW 49.60.530(3), COMMERCE may terminate this Agreement in whole or in part, and The TRIBE OR NATION, subcontractor, or both, may be referred for debarment as provided in RCW 39.26.200. The TRIBE OR NATION or subcontractor may be given a reasonable time in which to cure this noncompliance, including implementing conditions consistent with any court-ordered injunctive relief or settlement agreement.
- D. Remedies for Breach. Notwithstanding any provision to the contrary, in the event of Agreement termination or suspension for engaging in discrimination, TRIBE OR NATION, subcontractor, or both, shall be liable for contract damages as authorized by law including, but not limited to, any cost difference between the original Grant and the replacement or cover Grant and all administrative costs directly related to the replacement Grant, e.g., cost of the competitive bidding, mailing, advertising and staff time, which damages are distinct from any penalties imposed under Chapter 49.60, RCW. The TRIBE OR NATION may also be required to repay grant funds pursuant to Section 15 (Recapture) of the General Terms & Conditions if the Agreement is terminated based on a violation of the nondiscrimination requirement. COMMERCE shall have the right to deduct from any monies due to The TRIBE OR NATION or subcontractor, or that thereafter become due, an amount for damages The TRIBE OR NATION or subcontractor will owe COMMERCE for default under this provision

14. POLITICAL ACTIVITIES

No funds may be used under this Agreement for working for or against ballot measures or for or against the candidacy of any person for public office.

15. RECAPTURE

In the event that the Tribe or Nation fails to perform this Agreement in accordance with state laws, federal laws, and/or the provisions of this Agreement, COMMERCE reserves the right to recapture funds in an amount to compensate COMMERCE for the noncompliance in addition to any other remedies available at law or in equity.

Repayment by the Tribe or Nation of funds under this recapture provision shall occur within the time period specified by COMMERCE. In the alternative, COMMERCE may recapture such funds from payments due under this Agreement.

16. RECORDS MAINTENANCE

The Tribe or Nation shall maintain all books, records, documents, data and other evidence relating to this Agreement and performance of the services described herein, including but not limited to accounting procedures and practices that sufficiently and properly reflect all direct and indirect costs of any nature expended in the performance of this Agreement.

The Tribe or Nation shall retain such records for a period of six years following the date of final payment. At no additional cost, these records, including materials generated under the Agreement, shall be subject at all reasonable times to inspection, review or audit by COMMERCE, personnel duly authorized by COMMERCE, the Office of the State Auditor, and federal and state officials so authorized by law, regulation or agreement.

If any litigation, claim or audit is started before the expiration of the six (6) year period, the records shall be retained until all litigation, claims, or audit findings involving the records have been resolved.

17. SAVINGS

In the event funding from state, federal, or other sources is withdrawn, reduced, or limited in any way after the effective date of this Agreement and prior to normal completion, COMMERCE may terminate the Agreement under the "Termination for Convenience" clause, without the ten business day notice requirement. In lieu of termination, the Agreement may be amended to reflect the new funding limitations and conditions.

18. SEVERABILITY

The provisions of this Agreement are intended to be severable. If any term or provision is illegal or invalid for any reason whatsoever, such illegality or invalidity shall not affect the validity of the remainder of the Agreement.

19. SUBGRANTING (REPLACED BY PROGRAM SPECIFIC TERMS AND CONDITIONS #3)

The Tribe or Nation may only Subgrant work contemplated under this Agreement if it obtains the prior written approval of COMMERCE.

If COMMERCE approves Subgranting, the Tribe or Nation shall maintain written procedures related to Subgranting, as well as copies of all Subgrants and records related to Subgrants. For cause, COMMERCE in writing may: (a) require the Tribe or Nation to amend its Subgranting procedures as they relate to this Agreement; (b) prohibit the Tribe or Nation from Subgranting with a particular person or entity; or (c) require the Tribe or Nation to rescind or amend a Subgrant.

Every Subgrant shall bind the Subgrantee to follow all applicable terms of this Agreement. The Tribe or Nation is responsible to COMMERCE if the Subgrantee fails to comply with any applicable term or condition of this Agreement. The Tribe or Nation shall appropriately monitor the activities of the Subgrantee to assure fiscal conditions of this Agreement. In no event shall the existence of a Subgrant operate to release or reduce the liability of the Tribe or Nation to COMMERCE for any breach in the performance of the Tribe or Nation's duties.

Every Subgrant shall include a term that COMMERCE and the State of Washington are not liable for claims or damages arising from a Subgrantee's performance of the Subgrant.

20. SURVIVAL

The terms, conditions, and warranties contained in this Agreement that by their sense and context are intended to survive the completion of the performance, cancellation or termination of this Agreement shall so survive.

21. TERMINATION FOR CAUSE/SUSPENSION

In the event COMMERCE determines the Tribe or Nation has failed to comply with the conditions of this Agreement in a timely manner, COMMERCE has the right to suspend or terminate this Agreement. Before suspending or terminating the Agreement, COMMERCE shall notify the Tribe or Nation in writing of the need to take corrective action. If corrective action is not taken within 30 calendar days, the Agreement may be terminated or suspended.

In the event of termination or suspension, the Tribe or Nation shall be liable for damages as authorized by law including, but not limited to, any cost difference between the original Agreement and the replacement or cover Agreement and all administrative costs directly related to the replacement Agreement, e.g., cost of the competitive bidding, mailing, advertising and staff time. COMMERCE reserves the right to suspend all or part of the Agreement, withhold further payments, or prohibit the Tribe or Nation from incurring additional obligations of funds during investigation of the alleged compliance breach and pending corrective action by the Tribe or Nation or a decision by COMMERCE to terminate the Agreement. A termination shall be deemed a "Termination for Convenience" if it is determined that the Tribe or Nation: (1) was not in default; or (2) failure to perform was outside of his or her control, fault or negligence.

The rights and remedies of COMMERCE provided in this Agreement are not exclusive and are, in addition to any other rights and remedies, provided by law.

22. TERMINATION FOR CONVENIENCE

Except as otherwise provided in this Agreement COMMERCE may, by ten (10) business days' written notice, beginning on the second day after the mailing, terminate this Agreement, in whole or in part. If this Agreement is so terminated, COMMERCE shall be liable only for payment required under the terms of this Agreement for services rendered or goods delivered prior to the effective date of termination.

23. TERMINATION PROCEDURES

Upon termination of this Agreement, COMMERCE, in addition to any other rights provided in this Agreement, may require the Tribe or Nation to deliver to COMMERCE any property specifically produced or acquired for the performance of such part of this Agreement as has been terminated. The provisions of the "Treatment of Assets" clause shall apply in such property transfer.

COMMERCE shall pay to the Tribe or Nation the agreed upon price, if separately stated, for completed work and services accepted by COMMERCE, and the amount agreed upon by the Tribe or Nation and COMMERCE for (i) completed work and services for which no separate price is stated, (ii) partially completed work and services, (iii) other property or services that are accepted by COMMERCE, and (iv) the protection and preservation of property, unless the termination is for default, in which case the Authorized Representative shall determine the extent of the liability of COMMERCE. Failure to agree with such determination shall be a dispute within the meaning of the "Disputes" clause of this Agreement. COMMERCE may withhold from any amounts due the Tribe or Nation such sum as the Authorized Representative determines to be necessary to protect COMMERCE against potential loss or liability.

The rights and remedies of COMMERCE provided in this section shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Agreement.

After receipt of a notice of termination, and except as otherwise directed by the Authorized Representative, the Tribe or Nation shall:

- A. Stop work under the Agreement on the date, and to the extent specified, in the notice;
- **B.** Place no further orders or Subgrants for materials, services, or facilities except as may be necessary for completion of such portion of the work under the Agreement that is not terminated;
- C. Assign to COMMERCE, in the manner, at the times, and to the extent directed the Authorized Representative, all of the rights, title, and interest of the Tribe or Nation under the orders and Subgrants so terminated, in which case COMMERCE has the right, at its discretion, to settle or pay any or all claims arising out of the termination of such orders and Subgrants;
- D. Settle all outstanding liabilities and all claims arising out of such termination of orders and Subgrants, with the approval or ratification of the Authorized Representative to the extent directed by the Authorized Representative, which approval or ratification shall be final for all the purposes of this clause;
- E. Transfer title to COMMERCE and deliver in the manner, at the times, and to the extent directed by the Authorized Representative any property which, if the Agreement had been completed, would have been required to be furnished to COMMERCE;
- F. Complete performance of such part of the work as shall not have been terminated by the Authorized Representative; and

G. Take such action as may be necessary, or as the Authorized Representative may direct, for the protection and preservation of the property related to this Agreement, which is in the possession of the Tribe or Nation and in which COMMERCE has or may acquire an interest.

24. WAIVER

Waiver of any default or breach shall not be deemed to be a waiver of any subsequent default or breach. Any waiver shall not be construed to be a modification of the terms of this Agreement unless stated to be such in writing and signed by Authorized Representative of COMMERCE.

Attachment A: Scope of Work

Purpose: The Tulalip Tribes and project team will install a solar plus battery storage microgrid at the Gathering Hall building. This microgrid will provide sustainable, resilient electrical power for the Tribe in the event of a power outage and it will allow the Tribe to supplant the use of diesel generators for emergency power supplies. This project will install bulk battery storage with inverters at the Gathering Hall location, associated switching gear, and automatic controls to enable each subsystem to operate as a microgrid behind the utility-meter. This will be the first building to integrate energy storage and microgrid controls but the Tribe is planning for subsequent phases of a broader vision to allow the islanding of all critical facilities. The gathering hall location will also allow for integration with existing and future solar photovoltaic resources.

Capital Project Objectives:

- Energy Resilience: The overarching vision is for the community to attain energy security for critical tribal operations and community support facilities during power outages and emergency or catastrophic events.
- 2. Energy Sovereignty: This is the first of several planned phases that seeks to add sustainable backup power and microgrid capabilities to a number of tribal buildings within the Tulalip community.
- 3. Emissions Reduction: This project helps The Tulalip Tribes meet community decarbonization goals. Several buildings within the tribal community, including the Gathering Hall, have backup diesel generators. This microgrid deployment will lead to reduced emissions from these.
- 4. Innovative Microgrid Demonstration: This microgrid capability will serve as a demonstration of the state of the art in sustainable microgrid technology within the tribal community and the region.
- 5. Clean Energy Workforce: A crucial element to realizing successful implementation of a "resilience zone" will be the Tribes ability to have internal capacity to maintain and operate system elements effectively in coordination with the load serving utility. Developing this internal capacity is a fundamental part of our Resiliency strategy.

Major Components

- 1. Battery Energy Storage System (BESS) 1 megaWatt capacity with 4 hour duration.
- 2. Solar Photovoltaic System (Rooftop) 240 kiloWatt nameplate capacity
- 3. Microgrid Contoller and Communication systems
- 4. Generator Controller and Transfer Components
- 5. Electronic components, switchgear, transformer

Description of Sites

The project will take place at the Gathering Hall building on the Tulalip Reservation at the central village location adjacent to Tulalip Bay. The Gathering Hall was constructed in 2020. It is a multi-use building that can accommodate 1,500 tribal members and has conference rooms, a large kitchen and dining area and locker. The electrical system is currently backed up by a diesel emergency generator. This building will serve as a critical facility during a grid interruption.

Track 2 Grant Scope of Work

- 1. Develop a memorandum of understanding (MOU) between load serving utility (Snohomish PUD) and The Tulalip Tribes.
- 2. Release RFP for Design-Build Contract of GH Microgrid
- 3. Award Design Build Contract
- 4. Design Build Tasks
 - Complete Electrical Design: Work completed through an earlier CEF grant may be used to inform the final design. The selected Design Build contractor will complete the electrical design and procure all components.

- Project Development Support: Contractor will assist with programming the microgrid controller and communications system.
- 5. Procurement
 - o 240kW Solar Array: solar panels and racking system.
 - o 1MW BESS: Long lead time item.
 - Microgrid Controller Hardware
- 6. PUD Interconnection Application: Based on final design, we will submit an interconnection request with the PUD. The PUD will run system impact studies at this time.
- 7. BPA Interconnection (BAASA): The BPA interconnection agreement aka Balancing Authority Area Service Agreement can take about 6 months. The PUD will assist with this process.
- 8. Local Infrastructure Upgrades: Guided by the final design, some upgrades will likely need to be made to the existing generator, building electrical panels, and possibly the PUD transformer.
- 9. Construction
 - o Rooftop Solar
 - o BESS & Microgrid Controller
 - Utility Integration: Electrical changes/upgrades that will need to be made to the PUD's distribution system.
- 10. Testing and Commissioning.

ATTACHMENT B - BUDGET

All funding is subject to continued legislative authorization and re-appropriation where applicable.

Milestone	Milestone and Task Description	Key Deliverable(s)	Activity Period	Percent of CEF Grant	\$ Applicant Match	\$ Amount of CEF Grant
A	Project Development and Planning, Bidding Documents, Contractor Selection	Project Charter, Plans, Budget, Timeline, Sub Contract Draft(s), Final Report Outline	Q1 '25 to Q2 '25	15%	\$30,000	\$300,000
В	Design & Permitting, Notice to Proceed	Interconnection Agreement, Subcontractor Agreement(s), Permits, Equipment Purchase, Alternate Tariff Analysis	Q3 '25 to Q4 '25	35%	\$70,000	\$700,000
С	Construction & System Integration	Equipment Documentation, Acceptance Reports, Commissioning Reports	Q4 '25 to Q2 '26	40%	\$80,000	\$800,000
D	Final Report	Final Report	Q3 '26 to Q4 '26	10%	\$20,000	\$200,000
			Budget Total	100%	\$ 200,000	\$2,000,000

Attachment B

DELIVERABLES

Milestone	Project Activity and Task	Key Deliverable(s)	Deliverable Description
А	A Project Development and Planning, Scoping Document, Project Kickoff Report		A single report compiling in addition to attachments. The scoping document outlines the project purpose, approach and objectives. It includes plans, final budget, timelines, etc.
	Bidding Documents	Documentation for solicitations to perform work	A copy of the solicitation, request for proposals, etc.
	Report Objectives	Section in the report	An outline and description of the objectives, or what will be measured, and how a successful implementation is defined.
В	Notice to Proceed to Construction	Interconnection Agreement, Permits, BPA	Narrative explaining how the project is ready to proceed to construction and a description of included attachments.
	Equipment Delivery	Purchase Orders, Equipment Acceptance, Invoices	Documentation related to equipment purchase, or in lieu of, subcontractor agreement
	Subcontractor Contracts	Subcontractor Contract	Copy of major subcontractor agreements

Attachment B

	Design Completion	Construction documentation	Construction plans, updated schedules, etc.
С	System Integration	Equipment documentation	. Documentation evidencing the delivery and installation of all equipment.
		Acceptance reports	Subcontractor invoices, warranty documentation, and equipment inventories.
18 - 14 M		Commissioning reports	A report on the commissioning procedures and successful system testing, including demonstration of microgrid or island modes and duration testing.
D	Final Report	Final report	The final report will include sections ed outlined in the Milestone A report, community engagement, and educational materials.
		Report subsection for the analysis of microgrid use cases	Analysis of use cases and net benefits associated with the microgrid, including but not limited to resilience.

Exhibit D. Tulalip TERO (Treaty Employment Rights Office) Code

Exhibit D

Tulalip Tribes of Washington TERO Requirements

The following outlines the TERO expectations and responsibilities placed on all Contractors and sub-Contractors doing work on or near the Tulalip Indian Reservation and on Tribal projects off Reservation. If you have any questions or concerns, contact a TERO Compliance Officer.

TERO ACKNOWLEDGMENT:

Requirement: The Contractor/employer must comply with all rules and regulations as set forth in the TERO code 9.05. This agreement will be affirmed in writing and will be signed and dated by the TERO Manager.

TERO LIAISON:

Requirement: All Contractors and employers must designate a responsible company official to coordinate all employment, training and contracting related activities with the TERO department to ensure that the company is in compliance with TERO.

NATIVE AMERICAN OWNED BUSINESS REGISTRY:

Requirement: The TERO Office maintains a certified Native American Owned Business Registry. All the businesses on the registry need to be given the opportunity to bid on any projects that they are qualified for. If they are within 10% of the lowest bid, you need to negotiate to see if they can reduce their price. But the fact remains that the bid will be awarded on: price, quality and capability.

TERO COMPLIANCE PLANS:

Requirement: All Contractors, sub-Contractors and employers must have an approved written compliance agreement filed, negotiated and approved by the TERO Office prior to commencement of any construction activities on the Tulalip Reservation and on Tribal projects off Reservation.

There is a 1.75% TERO fee on any projects over \$10,000 to be paid in full or negotiated with the TERO Compliance Officers.

COMPLIANCE PLAN WORKFORCE/KEY EMPLOYEE:

Requirement: Contractors/employers shall be required to hire and maintain as many TERO/Native American preference employees as apply for and are qualified for each craft or skill. **Exception:** Prior to commencing work on the Tulalip Indian Reservation the prospective employer, Contractors and sub-Contractors shall identify key, regular and permanent employees.

Key employee: One who is in a top supervisory position or performs a critical function such that an employer would risk likely financial damage or loss if that task were assigned to a person unknown to the employer. A maximum of 20% of the work force may be considered key. A key employee has been on the employers' or Contractors' annual payroll for a period of one year continuously in a supervisory capacity or is an owner of the firm. An employee who is hired on a project-by-project basis shall not be considered a key employee.

TERO HIRING HALL AND RECRUITMENT EFFORTS:

Requirement: The Design/Builder or employer is required to contact the TERO Office for recruiting and placement services on all non-key positions. The TERO Office shall be given a minimum of seventy-two (72) hours to furnish a qualified referral. Furthermore, Design/Builders and employers are required to provide the TERO with a written list of their projected workforce needs, job classifications, openings, hiring policies, rate of pay, experience/skill requirements, employment screening procedures and anticipated duration of employment.

NATIVE PREFERENCE:

Requirement: While working within Tribal jurisdiction the Design/Builders and employers must give preference to qualified, Native applicants for all employment positions. The order of preference shall be given to the following persons in the following enumerated order:

- 1. Enrolled Tulalip Tribal members
- 2. Spouses, parent of a Tribal member child, biological child born to an enrolled Tulalip Tribal member, current legal guardian of a Tribal member dependent child (with a proper letter of temporary or permanent legal guardianship from a court), or a Tribal member in a domestic partner relationship (with documentation).
- 3. Other Natives/Indians shall mean any member of a federally recognized Indian tribe, nation or band, including members of federally recognized Alaskan Native villages or communities.
- 4. Spouse of federally recognized Native American
- 5. Other

Exception: Where prohibited by applicable Federal Law, the above order of preference set out in subsection 4.2, shall not apply. In such cases preference shall be given in the following:

- 1. Natives who are local residents
- 2. Other Natives

Requirement: If the TERO Office is unable to refer an adequate number of qualified, preferred employees for a Design/Builder, TERO will notify the Design/Builder who may fill the remaining positions with non-TERO workers.

Requirement: The Design/Builder is required to notify the TERO Office of all future job openings on the project so that qualified, preferred employees have an opportunity to be dispatched.

JOB QUALIFICATIONS, PERSONNEL REQUIREMENTS AND RELIGIOUS ACCOMMODATIONS:

Requirement: An employer may not use any job qualification criteria or personnel requirements which serve as barriers to the employment of Natives which are not required by business necessity. The TERO Department will review the job duties and may require the employer to eliminate the personnel requirements at issue. Employers shall also make reasonable accommodation to the religious beliefs and cultural traditions of Native workers.

TRAINING:

Requirement: Design/Builders / employers may be required to develop on-the-job training opportunities and/or participate in Tribal or local training programs, including upgrading programs, and apprenticeship or other trainee programs relevant to the employer's needs.

LAY-OFFS:

Requirement: In all lay-offs and reductions in force, no preferred employee shall be terminated if a non-preferred employee worker in the same job qualifications is still employed. If an employer lays-off workers by crews, all qualified Native workers shall be transferred to a crew to be retained.

DISCIPLINARY ACTIONS AND TERMINATIONS:

Requirement: Prior to the discipline or termination of any TERO employee, the Design/Builder or employer shall consult with the TERO Compliance Officer to see if they can resolve the issue. The TERO Office is here to help in any way it can. Communication with the TERO Compliance Officers is very important to help ensure the job runs smoothly.

Exhibit E. Site Rules

Exhibit E

Site Rules

The Code of Conduct are established by Tulalip to ensure that a **minimum** standard for Contractors and individual professionalism is maintained on the project. They are intended to eliminate issues arising due to misunderstandings and or poor judgement. Any Contractor or Contractor personnel found deviating from the established standards will face disciplinary action as deemed appropriate by the Owner or Owner's Representative. It is the responsibility of each Contractor to submit this document to each of its employees and Contractor assigned to the project to read, understand, and sign prior to working at this site.

Standard Code of Conduct:

- The Contractor's supervisor is required to check in with the Owner's primary contact person each day prior to starting work to apprise the Owner of planned activities from the previous day that did not occur, discuss activities for the day, and determine if any issues related to the Contractor's work exist.
- Any damage that occurs to the Owner's property or personal property on the site must immediately be reported to the Owner's primary contact person. A damage report will be generated by the Contractor.
- When working after normal business hours it is the responsibility of the Contractor to ensure all exterior doors are secured as required at the end of the work shift.
- All interior doors will be left as found unless obvious security issues exist. In these cases, the Contractor is expected to contact the Owner's Representative for direction.

Smoking only in designated areas.

No firearms are allowed on the Owner's property.

No alcohol or illegal drugs are allowed on the Owner's property.

No radios or personal music allowed on the Owner's property.

No improper language and or gestures used by the Contractor personnel on the property.

There will be no improper conduct, communication or fraternizing with the Owner's personnel.

There will be no use of the Owner's equipment without prior written approval by the Owner.

- All Owner items moved or relocated to facilitate an installation will be put back in the exact location and condition in which it was found.
- There will be no standing on desks, chairs, office equipment or other furniture or furnishings.
- Flooring, furniture and office equipment will be covered adequately to protect it from construction activity.

Observe safety rules as detailed in the contract documents.

Leave all personal items on desks and in work areas alone.

Dress attire will be professional and clean. No sleeveless shirts or shorts.

Use of Owner's telecommunication is prohibited without permission.

Contractor ID's bearing the company name will be worn at all times. The Owner may choose to provide ID badges to the Contractor.

Contractor/Employee Signature/Date

Exhibit F. Affidavit of Non-Collusion



Affidavit of Non-collusion

Firm Name:

Instructions: Please return your completed form as part of the Response submittal.

I swear (or affirm) under the penalty of perjury:

- 1. That I am the Responder (if the Responder is an individual), a partner in the company (if the Responder is a partnership), or an officer or employee of the responding corporation having authority to sign on its behalf (if the Responder is a corporation).
- 2. That the attached proposal submitted in response to the Request for Proposals has been arrived at by the Responder independently and has been submitted without collusion with and without any agreement, understanding or planned common course of action with, any other Responder of materials, supplies, equipment, or services described in the Request for Proposals, designed to limit fair and open competition.
- 3. That the contents of the proposal have not been communicated by the Responder or its employees or agents to any person not an employee or agent of the Responder and will not be communicated to any such persons prior to the official opening of the proposals.
- 4. That I am fully informed regarding the accuracy of the statement made in this affidavit.

Authorized Signature

Responder's firm name:		
Print authorized representative name:	Title:	
Authorized signature:	Date (mm/dd/yyyy):	
Notary Public Subscribed and sworn to before me this: day of	_	
Notary Public signature	-	

Commission expires (mm/dd/yyyy)

Exhibit G. Certification of Compliance



Certification of Compliance

I/we have received and reviewed the RFP and any Addenda issued by the Tulalip Tribes and this submission is our entire proposal.

Firm Name	
Authorized Signature	
Printed Name	
Date	
Addenda Received	
Date	

Exhibit H. Certificate of Non-Discrimination



Certificate of Non-discrimination

The Tulalip Tribes is opposed to any discrimination in subcontracting. Any contractor who contracts with the Tulalip Tribes shall not discriminate against minority, women, or emerging small business enterprises in the awarding of contracts.

By signature of the authorize representative of the bidder/proposer, the bidder/proposer herby certifies to the Tulalip Tribes that this bidder/proposer has not discriminated against minority, women, or emerging small business enterprises in obtaining any subcontracts; and, further, that if awarded the contract for which this bid or proposal is submitted, shall not so discriminate.

Bidder/Proposer hereby certifies that the information provided above is true and accurate.

Proposer Company Name:				
Street Address:				
City:		State:		Zip Code:
Toll Free Telephone:	Telephone:		Fax:	
Federal I.D. or Social Security No.:		E-Mail:		
Type or Print Name of Person Signing:		Title:		
Authorized Signature:	1			

Exhibit I. Certificate Regarding Debarment



Exhibit I

Certification Regarding Debarment, Suspension, and Other Responsibility Matters

- PLEASE READ INSTRUCTIONS ON NEXT PAGE BEFORE COMPLETING CERTIFICATION -

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 13 CFR Part 145. The regulations were published as Part VII of the May 26, 1988 Federal Register (pages 19160-19211). Regulations can be found at ecfr.gov and federalregister.gov.

- 1) The prospective primary recipient certifies to the best of their knowledge and belief that it and its principals:
 - **a.** Are not presently debarred, suspended, proposed for disbarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - b. Have not within a (3) three-year period preceding this application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal ouense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, Tribal, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - **c.** Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, Tribal, or local) with commission of any of the ouenses enumerated in paragraph (1)(b) of this certification; and
 - **d.**Have not within a three-year period preceding this application had one or more public transactions (Federal, State, Tribal, or local) terminated for cause or default.
- 2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective primary participant shall attach an explanation to this proposal.

Business name		Alternative bu	Alternative business names		
List of principa	ls				
Date	Name of authorized rep	resentative	Title		
Signature					



Procurement: INSTRUCTIONS FOR CERTIFICATION

1) By signing and submitting this proposal, the prospective Authorized Representative is providing the certification set out below.

2) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror non-responsible.

3) The certification in this clause is a material representation of fact upon which reliance was placed when the department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the government agency; the department or agency may terminate this transaction for cause or default.

4) The Authorized Representative shall provide immediate written notice to the department or agency to which this proposal is submitted if at any time the Authorized Representative learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

5) The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction", "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549.

6) The Authorized Representative agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into thistransaction.

7) The Authorized Representative further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—SubContractors" provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

8) A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the ineligibility of its principals. Each participant may, but is not required to, check the sam.gov database.

9) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

10) Except for transactions authorized under paragraph 6 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the government agency; the department or agency may terminate this transaction for cause or default.

Exhibit J. Existing Facility Information and Pre-Design J.1: Tulalip Gathering Hall, 7512 Totem Beach Road

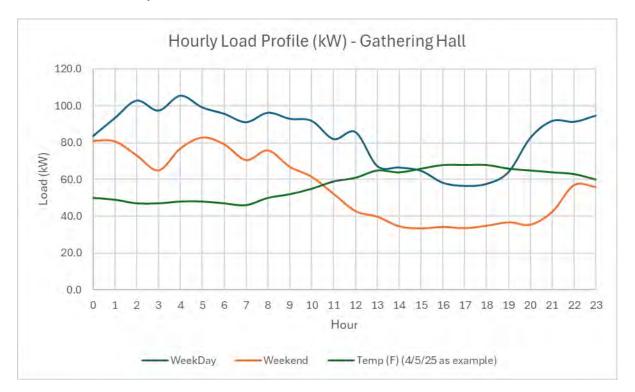
Exhibit J.1.1. Tulalip Tribe Gathering Hall

Facility Information

The Tulalip Tribe Gathering Hall is located at 7512 Totem Beach Road, Tulalip, WA 98271. The Facility is located on Tribal Trust Lands on the Tulalip Reservation, Snohomish County, WA. The facility is a multi-use ceremonial, community, and gathering facility. The facility hosts tribal celebrations and ceremonies, community meetings, and events. In the event of an emergency, the facility will become an emergency shelter as it has storage, commercial kitchen, and is in a central location on Tulalip Bay.

Electrical Loads

Loads for the facility encompasses HVAC, lighting, kitchen appliances, A/V systems, and emergency lighting. The peak billing demand at the Tulalip Gathering Hall is 300kW, while the average monthly billing demand is 160kW. The facility currently has a 1.5MW diesel generator and 20kW solar array.



SnoPUD is currently using new AMI equipment at the Gathering Hall to record hourly and sub-hourly interval data, but no historical data is available before early 2025. The current typical load profile (Early-Mid April 2025) is shown above and trends with outside air temperature.

		Actual	Total	
Month	Year	kW	kWh	kVARh
1	2021	187.12	51120	0
2	2021	179.76	55120	80
3	2021	184	46960	80
4	2021	179.28	42720	80
5	2021	161.04	28160	0
6	2021	130.56	30880	80
7	2021	167.92	36080	1920
8	2021	96.64	23600	320
9	2021	121.84	17280	0
10	2021	126.16	27120	0
11	2021	192.96	40480	0
12	2021	203.36	53440	400
1	2022	210.72	65120	400
2	2022	171.2	46800	80
3	2022	166.32	43520	0
4	2022	160.32	36880	80
5	2022	128	27200	80
6	2022	110.48	27760	80
7	2022	95.52	30160	160
8	2022	107.44	34880	1680
9	2022	126.96	37520	1280
10	2022	188	36400	720
11	2022	192.96	39280	0
12	2022	319.28	177360	3840
1	2023	231.04	56080	160
2	2023	241.44	65840	240

Available Billing Data Below:

Utility Interconnection

The servicing utility is SnohomishPUD for the Tulalip Gathering Hall feeding through a 500KVA pad mount transformer adjacent to the existing Generator.

Resiliency Target

Over the last five years, the Tulalip Reservation has experienced 54 outages, with the longest lasting 78 hours. Over 90% of the last five years of outages, are resolved in seven hours or less. The median duration is 8 minutes, mean is 3.2 hours. 7-hour resilience will cover 90% of

outages, however, long duration resilience will better serve the community. The Microgrid concept has been developed to support a 3-day outage in early January. The design case was studied around a winter outage, with lower solar production.

Product Specifications - Solar

The Tulalip Gathering Hall is expected to have a total solar array PV nameplate capacity of 240kW-DC. The product specification sheets are attached to this exhibit for the anticipated design. It is the responsibility of the prospective contractor to either: 1) respond with the current design and product specifications for installation or 2) respond with an alternative design and product specifications.

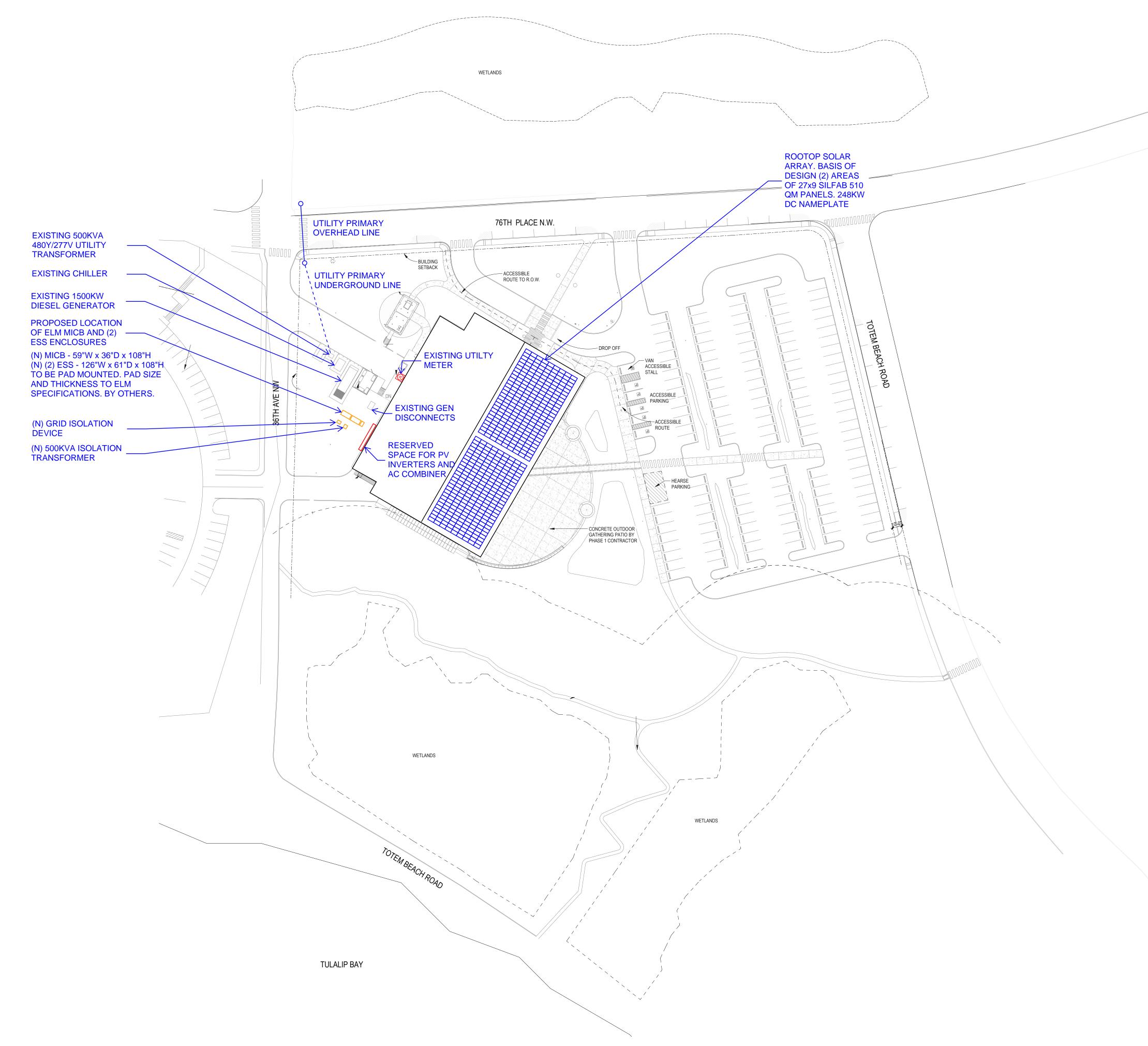
Product Specifications - Batteries

The Tulalip Gathering Hall is expected to have a total Battery Energy Storage Solution nameplate capacity of 500kW-DC/1,320kWh. The anticipated location is included in the site plan. Product specifications for the BESS is included in this exhibit.

Product Specifications - Generator

The Tulalip Gathering has an existing 1500kW Kohler Diesel Generator with belly tank. The generator supports the building through a 1600A Kohler KCP G11-142 ATS.

Exhibit J.1.2. System Pre-Design Diagrams



ELECTRICAL SITE PLAN - MICROGRID LAYOUT

SÄZÄN GROUP 600 Stewart St., Ste 1400 Seattle, Washington 98101

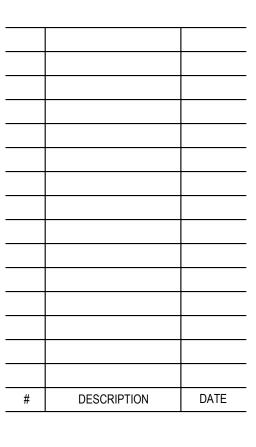
Tel 206.267.1700 Fax 206.267.1701 SAZAN # B81-23002

GENERAL NOTES

A. NEW EQUIPMENT LOCATIONS ARE DIAGRAMMATIC. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH IN.

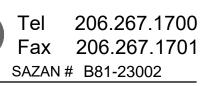
B. VERIFY REQUIRED CLEARANCES AND SETBACKS OF NEW PV INSTALLATION ACCORDING TO APPLICABLE LOCAL CODES

C. NEW PV DISCONNECT TO BE LOCATED NEAR EXISTING PV DISCONNECT.





600 Stewart St., Ste 1400 Seattle, Washington 98101

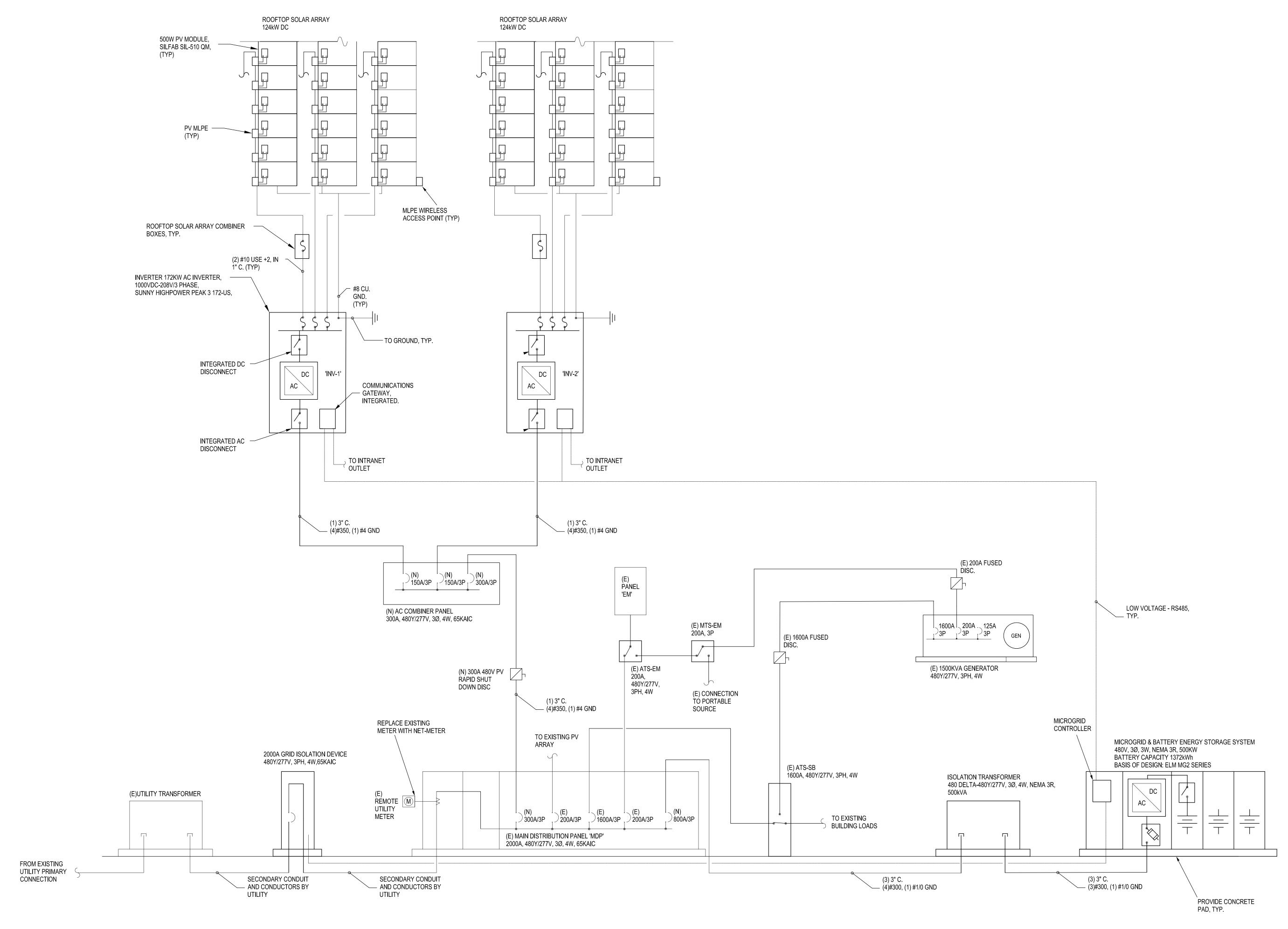


Project: KCDEM EOC Microgrid Feasibility Contents:

BAU ARC Drawing (From KCDEM Construction Set) area marked up by Sazan for the KCDEM Project

Date: 5/09/2024 Mark up: Tom Bowen Drawn: Checked Date:

Sheet Number:



ELECTRICAL ONE LINE - MICROGRID LAYOUT



_____ _____ _____ _____ DESCRIPTION DATE #



600 Stewart St., Ste 1400 Seattle, Washington 98101

Tel 206.267.1700 Fax 206.267.1701

SAZAN # B81-23002 Project: KCDEM EOC Microgrid Feasibility Contents:

BAU ARC Drawing (From KCDEM Construction Set) area marked up by Sazan for the KCDEM Project

Date: 5/09/2024 Mark up: Tom Bowen Drawn: Checked: Date:

Sheet Number:

Exhibit J.1.3. Product Specification Sheets

SMA

/ SHP 125-US-21 / SHP 150-US-21 / SHP 165-US-21 / SHP 172-US-21



Sunny Highpower PEAK3-US

125 / 150 / 165 / 172

A superior distributed generation solution for large-scale power plants



c UU us

Cost effective

- Modular architecture reduces BOS and maximizes system uptime
- Compact design and high power density maximize transportation and logistical efficiency

Maximum flexibility

- Scalable 1,500 VDC building block with best-in-class performance
- Flexible architecture creates scalability while maximizing land usage

Simple install, commissioning

- Ergonomic handling and simple connections enable quick installation
- Centralized commissioning and control with SMA Data Manager

Highly innovative

- SMA Smart Connected reduces O&M costs and simplifies field-service
- Powered by award winning ennexOS cross sector energy management platform

The Sunny Highpower PEAK3 1,500 VDC inverter offers high power density in a modular architecture that achieves a cost-optimized solution for large-scale PV integrators.

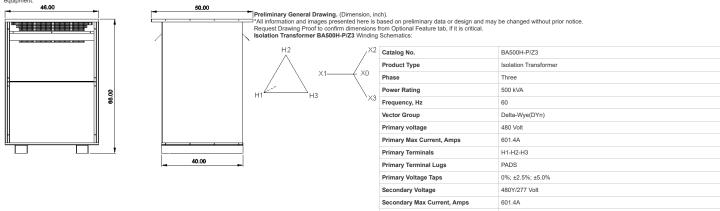
With fast, simple installation and commissioning, the PEAK3 is accelerating the path to energization. SMA has also brought its field-proven Smart Connected technology to the PEAK3, which simplifies O&M and contributes to lower lifetime service costs. The PEAK3 power plant solution is powered by the ennexOS cross sector energy management platform, 2018 winner of the Intersolar smarter E AWARD.

Technical Data	Sunny Highpower PEAK3 125-US	Sunny Highpower PEAK3 150-US	Sunny Highpower PEAK3 165-US	Sunny Highpowe PEAK3 172-US
Input (DC)				A 4 4 19 4
Maximum array power 1)	250 kWp	300 kWp	330 kWp	344 kWp
Maximum system voltage	705 V 1450 V	1500 880 V 1450 V	Vdc 924 V 1450 V	968 V 1450 V
Rated MPP voltage range MPPT operating voltage range	684 V 1500 V	855 V 1500 V	924 V 1430 V 898 V 1500 V	968 V 1430 V 941 V 1500 V
MPP trackers	004 V 1300 V	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	070 ¥ 1300 ¥	741 V 1300 V
Maximum operating input current		180	A	
Maximum input short-circuit current		325		
Output (AC)				
Nominal AC power	125 kW	150 kW	165 kW	172 kW
Maximum apparent power	125 kVA	150 kVA	165 kVA	172 kVA
Output phases / line connections		3 / 3	-PE	
Nominal AC voltage	480 V	600 V	630 V	660 V
Compatible transformer winding configuration		Wye-gro		
Maximum output current		151		
Rated grid frequency		60 H		
Grid frequency / range Power factor at rated power / adjustable displacement		50 Hz, 60 Hz / - 1 / 0.8 leading		
Harmonics (THD)		<3%		
Efficiency			•	
CEC efficiency	98.5 %	99.0 %	99.0 %	99.0 %
Protection and safety features				
Ground fault monitoring: Riso / Differential current		• /	•	
DC reverse polarity protection		•		
AC short circuit protection		•		
Monitored surge protection (Type 2): DC / AC		• /	•	
Protection class / overvoltage category (as per UL 840)		1/1	V	
General data				
Device dimensions (W / H / D)		770 / 830 / 462 mm (3		
Device weight		99 kg (2		
Operating temperature range		-25°C +60°C (-		
Storage temperature range Audible noise emission (full power @ 1m and 25°C)		-40°C +70°C (-2 < 69 d		
Internal consumption at night		< 5 \		
Topology		Transform		
Cooling concept		OptiCool (forced convection		
Enclosure protection rating		Туре		
Maximum permissible relative humidity (non-condensing)		100	%	
Additional information				
Mounting		Rack m		
DC connection		Terminal lug (up to 6		
AC connection		Screw terminal (up to	300 kcmil CU/AL)	
LED indicators (Status/Fault/Communication)		•	5	
SMA Speedwire (Ethernet network interface)		● (2 × RJ4 ● /		
Data protocols: SMA Modbus / SunSpec Modbus Integrated Plant Control / Q on Demand 24/7		•/		
Off-grid capable / SMA Hybrid Controller compatible		-/		
Monitoring		=/	-	
SMA Sunny Portal (monitoring portal)		No cost for the lifet	me of the system	
SMA Smart Connected (monitoring and remote O&M service)		No cost on inverter		
Supported protocols for outbound data		SMA external AP		
Certifications				
Certifications and approvals (pending)		UL 62109, UL 1998, CAN		
Manufacturer's Declaration of Design Life		25 уе		
FCC compliance		FCC Part 15		
Grid interconnection standards		47:2018, UL 1741-SA - CA Ru		
Advanced grid support capabilities	L/HFRT, L/HVRT,	Volt-VAr, Volt-Watt, Frequency-	Watt, Ramp Rate Control, Fixe	d Power Factor
Warranty		5		
Standard Optional extensions (total warranty coverage cannot		5 yea		
exceed 25 years)		+5 / +10 / +15	5 / +20 years	
1) Higher DC array power permitted via site inverter load mor	deling in SMA Sunny Desian			
■ Standard features ○ Optional features - Not available	SHP 125-US-21	SHP 150-US-21	SHP 165-US-21	SHP 172-US-21

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SMA America, LLC

Three phase isolation Transformer BA500H-P/Z3 has primary and secondary windings that are physically separated from each other. It allows AC power to be taken from one device and fed into another without electrically connecting the two circuits. The transformer blocks transmission of DC currents from one circuit to the other, but allow AC signals to pass, and also blocks interference caused by ground loops. Secondary neutral to ground bonding eliminates common mode noise, providing an isolated neutral-ground reference for sensitive equipment.



Primary voltage	480 Volt
Primary Max Current, Amps	601.4A
Primary Terminals	H1-H2-H3
Primary Terminal Lugs	PADS
Primary Voltage Taps	0%; ±2.5%; ±5.0%
Secondary Voltage	480Y/277 Volt
Secondary Max Current, Amps	601.4A
Secondary Terminals	X0-X1-X2-X3
Secondary Terminal Lugs	PADS
Winding Conductor	Aluminum
Temperature Rise, °C	150
Insulation Class	220 (R)
Insulation Level, (B.I.L), kVA	10
Efficiency at 35% Load, %	99.14
ANSI/IEEE Impedance, %	6.0-7.0
Sound Level, dB	65
Standards, Certifications, Compliances:	Efficiency compliance: CANADA: SOR/DORS/2018-201 (NRCan 2019). CSA: CSA (2802-248; USA: DOE 10 CFR PART 431:2016-01 (DOE 2016), CSA Standard C22.2. No.47 Air Cooled Transformers (Dry Type),. CSA certified, File No. LR34493 Seismic Qualified SDS-1.09 2/h-1.0 OSHPD OSP-0109-10 for USA zone 4 and Canada zone 6. UL Listed, File No.E108255, ISO9001 Quality Certification.
Enclosure Type	Nema 3R. General purpose indoor ventilated steel enclosure suitable for dry locations. Sprinkler Proof when angle between sprinkler and opening does not exceed 45° (IP14). FINISH - Polyester powder coat.
Weight, Lbs	3080.0
Country of Manufacture	Canada

Exhibit J.1.4. Electric Set

SYMBOL LEGEND				LIGHTING FIXTURE SCHEDULE							
LIGHTING		POWER			DESCRIPTION	LAMPS	VOLTAGE	MOUNTING	COLOR/FINISH	MANUFACTURER	v
	2X4 FLUORESCENT FIXTURE, SURFACE.		DUPLEX RECEPTACLE	COMM		150 20004					
2a	"2" INDICATES CIRCUITING. "a" INDICATES SWITCHLEG		DUPLEX RECEPTACLE, WITH USB PORTS	F1A	2X4 RECESSED/SURFACE LED, +80 CRI, 0-10V DIMMING, INTEGRAL DRIVER, FOR GRID CEILING.	4000 LUMENS	277V	CEIUNG/GRID	N/A	TGS THINTEK G2 SERIES	4
<u> </u>	2X4 FLUORESCENT FIXTURE, RECESSED.		DOUBLE DUPLEX RECEPTACLE	F1B	2X4 RECESSED/SURFACE LED, +80 CRI, 0-10V DIMMING, SURFACE MOUNTED. PROVIDE WITH SURFACE MOUNTING KIT.	LED 3000K 4000 LUMENS	277V	SURFACE	N/A	TGS THINEK G2 SERIES	
0	1X4 FLUORESCENT FIXTURE, SURFACE.	\bigcirc	DUPLEX RECEPTACLE, FLOOR MOUNTED			LED 4000K				and the second	+
0	1X4 FLUORESCENT FIXTURE, RECESSED.	¢	DUPLEX RECEPTACLE, MOUNTED ABOVE COUNTER AT +44" UNLESS NOTED OTHERWISE.	F2A	4' LI NEAR LED STRIP, LOW-PROFILE, FROSTED DIFFUSER, 80 CRI,	5000 LUMENS	277V	SURFACE	WHITE	METALUX SNLED SERIES	
	2X2 FLUORESCENT FIXTURE, RECESSED.	€ _R	CONTROLLED RECEPTACLE	F2B	8' LINEAR LED STRIP, LOW-PROFILE, FROSTED DIFFUSER, 80 CRI,	LED 4000K 6000 LUMENS	277V	SURFACE	WHITE	METALUX SNLED SERIES	,
) •	FLUORESCENT FIXTURE, PENDANT.		TAMPER PROOF RECEPTACLE		4FT. SUREFACE MOUNTED, LED WRAPAROUND, COLD ROLLED	LED				A Double West	-
⊢− 0 −−1	FLUORESCENT STRIP FIXTURE	₽	DUPLEX RECEPTACLE, GFCI TYPE	F3	STEEL HOUSING, FROSTED ACRYLIC LENS	3000K 4000 LUMENS	277V	SURFACE	WHITE	UTHONIA LBLED SERIES	
	FLUORESCENT LIGHTING FIXTURE, WALL MOUNTED		DUPLEX RECEPTACLE, GFCI TYPE, ABOVE COUNTER SPECIAL PURPOSE RECEPTACLE, AS NOTED	F4	4FT. LED WALL MOUNTED FIXTURE WITH INTEGRAL OCCUPANCY SENSOR. LIGHT OUTPUT DIMS TO 50% WHEN UNOCCUPIED, FROSTED POLYCARBONATE LENS	LED 4000K 5000 LUMENS	277V	WALL/CEILI NG	WHITE	LAMAR LED VOL SERIES	
0	FLUORESCENT LIGHTING FIXTURE, WITH EMERGENCY BATTERY BACKUP, (MINIMUM 1150 LUMEN OUTPUT).	Ū	JUNCTION BOX		4'L LED ENCLOSED VAPORTIGHT FIXTURE, GASKETED, 40K LAMP	LED 4000K	2774	CLIDEACE	MANTE		-
\bigcirc	INCANDESCENT, COMPACT FLUORESCENT, OR H.I.D. DOWNLIGHT, CEILING MOUNTED.		MOTOR CONNECTION	F5	TEMP, 5643 LUMENS, FIBERGLASS HOUSING, RIBBED CLEAR ACRYLIC LENS, STAINLESS STEEL MOUNTING BRACKETS,	5000 LUMENS	277V	SURFACE	WHITE	ILP LIGHTING, WTZ SERIES	
	INCANDESCENT, COMPACT FLUORESCENT, OR H.I.D.	\mathcal{O}	EQUIPMENT CONNECTION (INCLUDES CONDUCTORS,	F6A	6" DIA. RECESSED LED DOWN-LIGHT, WIDE BEAM DISTIBUTION, 0- 10V DIMMING, CAST SHALLOW 75 DEG. DISTRIBUTION, SELF FLANGED, MATTE BLACK FINISH	LED 2700K 2000 LUMENS	277V	RECESSED/ CEILING	MATTE BLACK	PORTFOLIO LD6B SERIES	
	DOWNLIGHT, CEILING MOUNTED W ITH EMERGENCY BACKUP, (MINIMUM 700 LUMEN OUTPUT).	<u> </u>	TERMINATIONS, GROUNDING CONDUCTOR, ETC.)		6" DIA. RECESSED LED DOWN-LIGHT, WIDE BEAM DISTIBUTION, 0	LED 2700K		RECESSED/			
Ø	INCANDESCENT OR H.I.D. WALLWASHER, CEILING MOUNTED	□	DISCONNECT SWITCH OR COMBINATION MOTOR STARTER/ DISCONNECT SWITCH. SWITCH SHALL INCLUDE ALL REQUIRED CONNECTIONS.	168	10V DIMMING, CAST SHALLOW 75 DEG. DISTRIBUTION, SELF FLANGED, MATTE BLACK FINISH	4000 LUMENS	277V	CEILING	MATTE BLACK	PORTFOLIO LD6B SERIES	
-\$-	SURFACE MOUNTED FIXTURE		(60) INDICATES SWITCH AMPERAGE/ (40) INDICATES FUSE AMPERAGE.	F 7	6" DIA. RECESSED LED DOWN-LIGHT, WITH SHOLLOW HOUSING, UL WET LOCATION AND ASTM E283 AIR TIGHT.	LED 3000K 1000 LUMENS	277V	RECESSED/ CEILING	WHITE	DMF DRD2 SERIES	
⊕ +⊖	PENDANT MOUNTED FIXTURE INCANDESCENT OR H.I.D. LIGHTING FIXTURE,		COMBINATION MAGNETIC MOTOR STARTER/ MANUAL MOTOR STARTER SWITCH, WITH THERMAL OVERLOAD.	F8	2"W, SURFACE MOUNTED LINEAR DIRECT LIGHT OUTPUT, ASYMMETRIC DISTRIBUTION, REMOTE DRIVER, UL DAMP LISTED	LED 3000K 365 LUMENS	277V	SURFACE/	WHITE	PINNACLE EX12 SERIES	T
-	WALL MOUNTED.	\$M	DISCONNECT SWITCH	10	(5w per linear foot)	PER FT	2//1	CEILING	White		
	EMERGENCY BATTERY UNIT (# OF HEADS AS SHOWN)	SPD	SURGE PROTECTION DEVICE	F9A	8' LINEAR DIRECT/INDIRECT SUSENDED FIXTURE, 5"WX5"H, 53% UP / 47% DOWN, MEDIUM OUTPUT, 0-10V DIMMING,	LED 3000K 4797 LUMENS	277V	SURFACE/ CEILING	(CUSTOM) WOOD GRAIN	PALMLS5 SERIES	
 € €	TRACK LIGHTING FIXTURE.	570	CIRCUIT HOMERUN - MIN 3/4"C-2#12 PLUS #12GND	F9B	12' LINEAR DIRECT/INDIRECT SUSENDED FIXTURE, 5"WX5"H, 53%		277V	SURFACE/	(CUSTOM) WOOD	PAL MLS5 SERIES	
•• }	H.I.D. LIGHTING FIXTURE, POLE MOUNTED.		UNLESS NOTED OTHERWISE.		UP / 47% DOWN, MEDIUM OUTPUT, 0-10V DIMMING,	4797 LUMENS	2/11	CEILING	GRAIN	TALMED JENES	
\odot	BOLLARD		CONDUIT CONCEALED IN WALLS OR CEILING.	F10A	8" DIA. SURFACE CYLINDER LED DOWN-LIGHT, WIDE BEAM DISTIBUTION, 0-10V DIMMING, MIN 36" POWER CABLE AND STAINLESS STEEL SUSPENSION CABLE	LED 2700K 5000 LUMENS	277V	SURFACE/ CEILING	JET BLACK	LUMININ AR168 SERIES	
	STEP LIGHT	0	CONDUIT UNDER FLOOR OR UNDERGROUND.	F10B	8" DIA. SURFACE CYLINDER LED DOWN-LIGHT, WIDE BEAM DISTIBUTION, 0-10V DIMMING, MIN 36" POWER CABLE AND	LED 2700K	277V	SURFACE/	JET BLACK	LUMININ AR168 SERIES	
ONTROLS		——Э	CONDUIT DOWN		STAINLESS STEEL SUSPENSION CABLE	6000 LUMENS		CEIUNG			_
			208/120V PANELBOARD	F11	2"W, SURFACE MOUNTED LINEAR DIRECT LIGHT OUTPUT, HIGH EFFICIENCY SHIELDING, REMOTE 0-10V DRIVER, "ELEVATOR WALL FEATHER" (5w per linear foot)	LED 3000K 325 LUMENS PER FT	277V	SURFACE/ CEILING	WHITE	PINNACLE EX12 SERIES	
\$a \$2a	SINGLE POLE SWITCH — "a" INDICATES SWITCHLEG DOUBLE POLE SWITCH		480/277V PANELBOARD	F12	56" LONG, WALL MOUNTED, LINEAR LED, TRANSLUCENT SHIELD, 18" PROJECTION MOUNTING WITH AIRCRAFT SUPPORT CABLES,	LED 3000K	24V	SURFACE/ WAL	SATIN ALUMINUM	SPI SIWB SERIES	
\$3	THREE WAY SWITCH				REMOTE POWER SUPPLY,	2910 LUMENS					-
\$4	FOUR WAY SWITCH		AGE / COMMUNICATIONS	F13	IN-GROUND ACCENT LIGHT, NARROW SPOT DISTRIBUTION, 360 DEG ROTATION AND TINT OPTICS, 0-10V DIMMABLE,	LED 2700K	277V	RECESSED/IN- GRADE	NICKEL PLATED	VISTA ARCH LIGHTING 1182 SERIES	5
\$D	SWITCH WITH DIMMER	₩2	COMBINATION DATA/TELEPHONE OUTLET – PROVIDE 4 SQUARE BACKBOX W/ 3/4" EXTENSION RING AND 1" CONDUIT BACK TO DATA ROOM IN BASEMENT. "2" INDICATES # OF DATA PORTS.	F14	STEP-LIGHT, 2.2"H x 4.25" L, DIE-CAST ALUMINUM HOUSING AND	LED 3000K	277V	RECESSED	TEXTURES BLACK	PREFORMANCE IN LIGHTING -	T
\$LV	MANUAL OVERRIDE SWITCH, LOW VOLTAGE	HIV	TELEVISION OUTLET, WALL MOUNTED - PROVIDE 4 SQUARE		TRIM, INTERNALLY FROSTED FLAT GLASS DI FFUSER.	140 LUMENS				INSET+ SERIES	-
\$к \$м	KEYED OPERATED SWITCH MANUAL MOTOR STARTER, WITH THERMAL OVERLOAD		BACKBOX W/ 3/4" EXTENSION RING AND 1" CONDUIT BACK TO DATA ROOM IN BASEMENT.	EL	4'L LED ENCLOSED VAPORTIGHT FIXTURE, GASKETED, 50K LAMP TEMP, 6676 LUMENS, RIBBED CLEAR ACRYLIC LENS	LED 5000K 6000 LUMENS	277V	ELEVATOR PIT		ILP LIGHTING, WTZ SERIES	
\$⊤	SWITCH WITH ROTARY TIMER	$\mathbf{A} \bigcirc$	COMBINATION POWER/DATA POKE-THRU FLOORBOX. AMP # 558716-X (3-GANG)	DECOR	ATIVE FIXTURES		1		1		T
			PROVIDE (2) 1"C FOR DATA & (1) 3/4"C FOR POWER	D1	72" DIA. DECORATIVE PENDENT, ALUMI NUM BODY, OPAL POLYCARBONATE DI FFUSER, 0-10V DIMMI NG,	LED 216W	277V	PENDANT	DOUGLAS FIR	BETACALCO RING WOOD	
AUTOMATIC	CONTROLS	нĢ	ANALOG CLOCK (12" DIAMETER), +96" AFF	D2	3" DIA. LED WALL SCONCE, UP/DOWN LIGHT,	LED 2700K	277V	SURFACE/ WAL	JET BLACK	LUMININ SY302 SERIES	
\mathbb{Y}	WALL SWITCH/OCCUPANCY SENSOR	μS	INTERCOM SPEAKER, +96"AFF	EXIT / E	15.5"H X 3"W X 4"D, MERGENCY	1945 LUMENS					_
\bigtriangledown	(SINGLE LOAD CONTROL) WALL SWITCH/OCCUPANCY SENSOR	Les l	COMBINATION CLOCK/SPEAKER, +96"AFF	X1	LED EXIT SIGN, WHITE THERMOPLASTIC HOUSING, STENCIL FACE,	LED	277V	UNIVERSAL		LI THONIA LQM	Τ
\square	(DUAL LOAD CONTROL) WALL MOUNTED OCCUPANCY SENSOR	Ρ	DUAL PUSHBUTTON CALL SWITCH, +54" AFF		GREEN LETTERS, LEAD CALCIUM BATTERY		2				
Y	SEE DETAIL.	WA>	WIRELESS ACCESS POINT (WALL) – PROVIDE 4 SQUARE BACKBOX AND 1" CONDUIT BACK TO DATA ROOM IN BASEMENT OR VIDEO ROOM		TIXTURES SPECIFIED DO NOT SHOW ALL OF THE						
¥	WALL SWITCH/ OCCUPANCY SENSOR WITH MANUAL 'ON'	~	OR FIRST FLOOR (CABLE LENGTHS SHALL NOT EXCEED 300'.)	MOUN	LIER'S RESPONSIBILITY TO COORDINATE CEILING TING HARDWARE, PENDANTS, FLANGE KITS, ETC. IXTURES SHALL HAVE DIMMABLE DRIVERS, UNLES	TO ACCOMM	<i>I</i> ODATE T	HE SURFACE C		NS AND PROVIDE ALL ASS	200
\mathbb{Y}	WALL SWITCH, WITH DIGITAL TIMER	(CLG)	WIRELESS ACCESS POINT (CEILING) - PROVIDE 4 SQUARE BACKBOX AND 1" CONDUIT BACK TO DATA ROOM IN BASEMENT OR VIDEO ROOM OR FIRST FLOOR (CABLE LENGTHS SHALL NOT EXCEED 300'.)	4. <u>SUBS</u>	ING FIXTURE FINISHES SHALL BE CONFIRMED W <u>TITUTIONS</u> : SUBSTITUTIONS ARE ALLOWED, UNLES	SS NOTED (THERWISE	E. PRIOR APPF	ROVALS DURIN		
00	CEILING MOUNTED OCCUPANCY SENSOR, SEE	SECURITY		AND E	CONTRACTOR & LIGHTING SUPPLIER SHALL BE RE EQUAL TO THE SPECIFIED MANUFACTURER). THE ENGINEER/ARCHITECT TO DETERMINE THE EQUALI	SUBSTITUTE	ED FIXTUR	RES WILL BE R	REVIEWED DUR:	ING SUBMITTALS, AND IS	UP
	LIGHTING/PLUG-LOAD CONTROL DIAGRAM, SHEET E2.3				FIED PRODUCT (OR OTHER APPROVED EQUAL) A				KUTUN 13 MESP	ONSIDEL TO FROVIDE III	L
PS	CEILING MOUNTED PHOTO SENSOR, SEE LIGHTING/PLUG-LOAD CONTROL DIAGRAM, SHEET E2.3		INTERIOR CCTV CAMERA, 360° DOME TYPE INTERIOR CCTV CAMERA, DUAL DOME TYPE								
50			INTERIOR CCTV CAMERA, 180° DOME TYPE		1/4" X 2" X 12" (
PC	PLUG-LOAD SENSOR CONTROLLER, SEE LIGHTING/PLUG-LOAD CONTROL DIAGRAM, SHEET E2.3	(WP)	EXTERIOR CCTV CAMERA, 180° DOME TYPE		GROUND BAR WITH MOUNTING BRACKE INSULATORS			Ŕ			
1 D a	DIGITAL MANUAL WALL SWITCH DIMMER (0-10V)		EXTERIOR CCTV CAMERA, SINGLE WALL MOUNTED		2 HOLE COMPRESS	ION				SINGLE HOLE	
	"1" INDICATES # OF BUTTONS "a" INDICATES SWITCHLEG		EXTERIOR CCTV CAMERA, DOUBLE WALL MOUNTED		GROUND LUG		\rightarrow			COMPRESSION GROUND LUG (TYP)	
\square	SEE SHEET E2.4 FOR WALL SWITCH TYPES	Д	INTERIOR CCTV CAMERA, DOUBLE WALL MOUNTED		Q A	\nearrow				GROUND EACH LADD	
	SEE LIGHTING CONTROL DIAGRAM, SHEET E2.3	CR1	CARD READER – SINGLE DOOR							GROUND EACH EQUI	íРМ
Ε	EMERGENCY LIGHTING CONTROL TRANSFER RELAY (ELCU-200)	CR2	CARD READER – DOUBLE DOOR							RACK (TYP)	
CALL OUTS		CRP	CARD READER – ADA PEDESTAL			O O			7	<pre>#6 AWG STRANDED T0 BUILDING STEEL</pre>	
		ES	ELECTRIC DOOR STRIKE ALARM KEYPAD		ORCELAIN STAND-OFF					#6 AWG STRANDED GREEN SHEATH	CU
	FLAG NOTE	\oplus	MOTION DETECTOR (360°) - CEILING MOUNTED							GROUND WIRE (TYP)	/
F1	LIGHTING FIXTURE TYPE. SEE FIXTURE SCHEDULE.		MOTION DETECTOR - WALL MOUNTED					-			BOA
EF-21	EQUIPMENT CALLOUT - SEE EQUIPMENT SCHEDULES	00	DOOR CONTACT			•	1				
#	SHORT CIRCUIT CALLOUT - SEE SHORT CIRCUIT CALCULATIONS	Ì	STROBE LIGHT (BLUE) - CEILING MOUNTED		NOTES: 1. NOT ALL PARTS A						
		SL	STROBE LIGHT (BLUE) – WALL MOUNTED	1		VI/I		INTERPORT STAND TO	- 171 A. F. F. SMARTER IN T	1.1.1.2	

- 2. FRONT AND REAR MOUNTING SCREWS MUST NOT TOUCH. PROVIDE COMPLETE ELECTRICAL ISOLATION THE GROUND BUS FROM THE MOUNTING BRACKETS AND BUILDING.

GROUNDING BAR DETAIL SCALE: NONE

ELECTRICAL ABBREVIATIONS

A or AMP	AMPERE	IC	INTERRUPTING CURRENT	PH	PHASE
A/E	ARCHITECT AND ENGINEER	IMT	INTERMEDIATE METAL TUBING		
ÁFF	ABOVE FINISHED FLOOR	INC	INCANDESCENT	PNL	PANEL
AHU	AIR HANDLING UNIT			PRV	POWER ROOF VENTILATOR
AL	ALUMINUM	JB or J-BOX	JUNCTION BOX	PVC	PLASTIC CONDUIT
AC	ABOVE COUNTER				
		ΚV	KILOVOLT	RS	
CFL	COMPACT FLUORESCENT	KVA	KILOVOLT AMPERES	КЭ	RIGID STEEL CONDUIT
COND or C	CONDUIT	KW	KILOWATT	CIM	
CKT	CIRCUIT	KCMIL	THOUSAND CIRCULAR MIL	SW	SWITCH
CLG	CEILING			ТО	
CONN	CONNECTION	LTG	LIGHTING	TC	TEMPERATURE CONTROL
CU	COPPER			TELE	TELEPHONE
		МСВ	MECHANICAL CONTRACTOR	TYP	TYPICAL
DISC	DISCONNECT	МСВ	MAIN CIRCUIT BREAKER	UG	UNDERGROUND
		МСС	MOTOR CONTROL CENTER		
EMT	ELECTRIC METALLIC TUBING	MDP	MAIN DISTRIBUTION PANEL	V	VOLT
		MLO	MAIN LUGS ONLY	VA	VOLT AMPERES
FA	FIRE ALARM	MTD	MOUNTED	V / X	VOET / NIT EIVES
FLA	FULL LOAD AMPERES			W	WATT
FLUOR	FLUORESCENT	NC	NORMALLY CLOSED	WP	WEATHERPROOF
F	FUSE	NEC	NATIONAL ELECTRICAL CODE	W/0	WITHOUT
		NEMA	NATIONAL ELECTRICAL	WA	WIRELESS ACCESS POINT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER		MANUFACTURER'S ASSOCIATION	WTR	WATER
GND or GRND	GROUND	NIC	NOT IN CONTRACT	W IIX	
GRS	GALVANIZED RIGID STEEL	NO	NORMALLY OPEN	XFMR	TRANSFORMER
HP	HORSEPOWER	ОН	OVERHEAD	Y	WYE CONNECTED
HTR	HEATER	OS	OCCUPANCY SENSOR		
HZ	HERTZ	OFCI	OWNER FURNISHER CONTRACTOR INSTALLED	\bigtriangleup	DELTA CONNECTED
				ø or PH	PHASE

GENERAL NOTES

- 1. NOT ALL CONDUIT AND CONDUCTORS FOR BRANCH CIRCUITS HAVE BEEN SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL REQUIRED CONDUIT AND WIRE FOR A COMPLETE INSTALLATION. HOMERUN FROM FIRST DEVICE TO PANEL SHALL BE INDICATED ON AS-BUILT DRAWINGS.
- 2. PROVIDE UNSWITCHED CIRCUITS FOR ALL EXIT AND EMERGENCY EGRESS LIGHTING, UNLESS NOTED OTHERWISE.
- 3. MINIMUM WIRE SIZES SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE: BRANCH CIRCUITS - #12 Cu
- CORRIDOR LIGHTING CIRCUITS #10 Cu EXTERIOR BUILDING LIGHTING CIRCUITS - #10 Cu EXTERIOR SITE LIGHTING CIRCUITS - #8 Cu
- 4. EXTERIOR LIGHTING SHALL BE CONTROLLED THROUGH BUILDING LIGHTING CONTROL SYSTEM. PROVIDE SEPARATE ZONING FOR: BUILDING; SITE; & SIGNAGE, UNLESS NOTED OTHERWISE. PROVIDE LIGHTING CONTACTORS AS REQUIRED. SEE DETAIL ON E6.00
- 5. LIGHTING FIXTURES SHALL BE LOCATED ON THE CENTERLINE OF CORRIDORS. LIGHT LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. COORDINATE WITH MECHANICAL AND FIRE SPRINKLER CONTRACTORS FOR PLACEMENT AND ALIGNMAENT OF FIXTURES.
- 6. COORDINATE EQUIPMENT REQUIREMENTS (LOCATION, CONNECTION TYPE, CONTROLS, LOAD, VOLTAGE, ETC.) WITH OTHER TRADES PRIOR TO EQUIPMENT ORDERING AND ROUGH-IN.
- 7. PROVIDE ALL CONDUIT AND 120V CONTROL WIRING FOR EQUIPMENT, INCLUDING BUT NOT LIMITED TO: HVAC THERMOSTATS, ETC.
- 8. VERIFY EQUIPMENT CONNECTION TYPE (RECEPTACLE OR HARD-WIRED CONNECTION) WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN, AND PROVIDE REQUIRED RECEPTACLE OR CONNECTION.
- 9. NOT USED.
- 10. COORDINATE AND VERIFY FINAL DEVICE HEIGHTS AND LOCATIONS WITH FURNITURE LAYOUTS AND ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.
- 11. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MOTOR STARTERS FOR HVAC SYSTEMS AS REQUIRED BY MECHANICAL CONTRACTOR. COORDINATE AND PROVIDE AS REQUIRED.
- 12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONDUIT FOR HVAC SYSTEMS AS REQUIRED BY MECHANICAL CONTRACTOR. COORDINATE AND PROVIDE AS REQUIRED.
- 13. PROVIDE CONNECTIONS FROM FIRE SPRINKLER SYSTEM PIV VALVE, FLOW & TAMPER SWTICHES TO FIRE ALARM SYSTEM. COORDINATE EXACT LOCATIONS WITH GENERAL CONTRACTOR.
- 14. THE FIRE ALARM SYSTEM SHALL BE BIDDER-DESIGN. SEE SPECIFICATIONS.
- 15. UTILITY COMPANY COORDINATION CONTRACTOR IS RESPONSIBLE FOR INCOMING SERVICES TO BUILDING (POWER, TELEPHONE, CABLE TV). THIS INCLUDES BUT IS NOT LIMITED TO: COORDINATION AND SCHEDULING WITH UTILITY COMPANIES; VAULTS, TRENCHING, CONDUIT, ETC. AS REQUIRED BY SERVING UTILITIES.
- 16. GENERATOR / ATS SHALL BE OFCI (OWNER FURNISHED, CONTRACTOR INSTALLED). CONTRACTOR SHALL INSTALL GENERATOR, ASSOCIATED TRANSFER SWITCHES, ANNUNCIATORS, POWER & CONTROL WIRING, CONDUIT, & MAKE ALL CONNECTIONS, ETC. FOR A COMPLETE SYSTEM. PROVIDE CONCRETE HOUSEKEEPING PAD - AS RECOMMENDED BY MANUFACTURER. COORDINATE WITH OWNER AND GENERATOR MANUFACTURER (KOHLER OR CUMMINS/ONAN).

SHEET INDEX

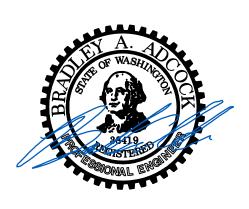
E0.0	ELECTRICAL COVER SHEET
E1.1	ELECTRICAL UTILITY SITE PLAN
E1.2	ELECTRICAL POWER SITE PLAN
E1.3	ELECTRICAL DATA/SECURITY SITE PLAN
E2.1	LOWER LEVEL FLOOR PLAN - LIGHTING
E2.2	MAIN LEVEL PLAN - LIGHTING
E2.3	LIGHTING CONTROLS AND DETAILS
E2.4	LIGHTING CONTROLS AND DETAILS
E3.1	LOWER LEVEL FLOOR PLAN - POWER
E3.2	MAIN LEVEL FLOOR PLAN - POWER
E3.3	ROOF PLAN – POWER (PV)
E3.4	ENLARGED KITCHEN PLAN - POWER
E3.5	ELEVATOR DETAILS
E4.1	LOWER LEVEL FLOOR PLAN - HVAC
E4.2	MAIN LEVEL FLOOR PLAN - HVAC
E4.3	ROOF PLAN - HVAC
E4.4	ENLARGED MECHANICAL ROOM - HVAC
E5.1	LOWER LEVEL FLOOR PLAN - SPECIAL SYSTEMS
E5.2	MAIN LEVEL FLOOR PLAN – SPECIAL SYSTEMS
E5.3	SPECIAL SYSTEMS – DETAILS
E6.0	ELECTRICAL ONE-LINE DIAGRAM
E6.1	ELECTRICAL PANELS
E6.2	ELECTRICAL PANELS
E7.1	LOWER LEVEL FLOOR PLAN - SECURITY
E7.2	MAIN LEVEL PLAN - SECURITY
E7.3	SECURITY DETAILS AND SCHEDULES



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TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

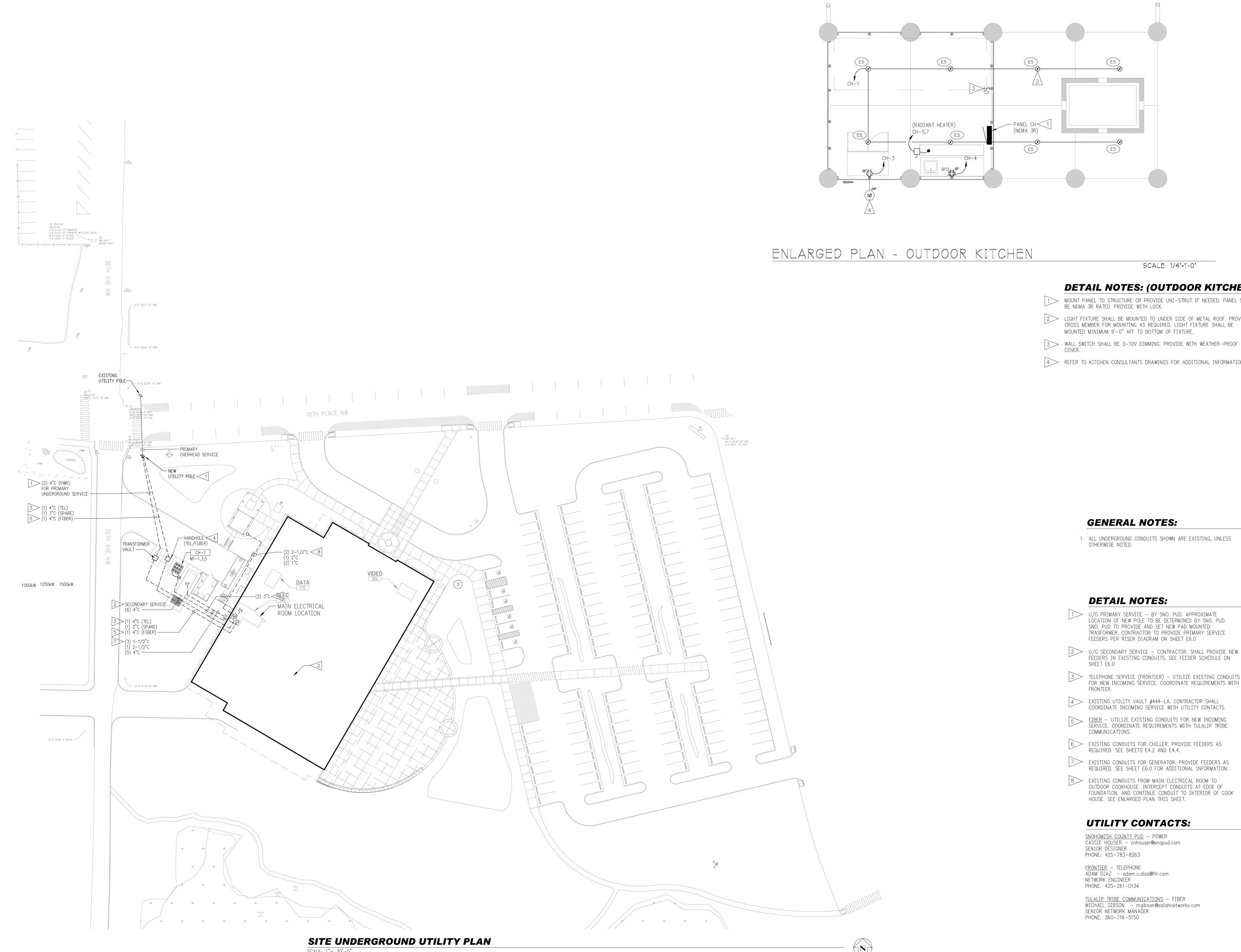
ELECTRICAL **COVER SHEET**

No.	ANCE Description	Date
NO.	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	ADDENDUM 6	12/14/18
	CONSTRUCTION SET	03/13/19
	CONFORMED SET	10/07/19
	CCD 12	11/25/19
	CCD 13	12/10/19
	NEW OFFICE	03/09/20
		00/00/20
	RECORD DOCUMENTS	06/02/20

PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH







SCALE: 1"= 30'-0"

SCALE: 1/4"=1'-0"

DETAIL NOTES: (OUTDOOR KITCHEN)

- MOUNT PANEL TO STRUCTURE OR PROVIDE UNI-STRUT IF NEEDED. PANEL SHALL BE NEMA 3R RATED. PROVIDE WITH LOCK.
- 2 LIGHT FIXTURE SHALL BE MOUNTED TO UNDER SIDE OF METAL ROOF. PROVIDE CROSS MEMBER FOR MOUNTING AS REQUIRED. LIGHT FIXTURE SHALL BE

- 4 REFER TO KITCHEN CONSULTANTS DRAWINGS FOR ADDITIONAL INFORMATION.

1. ALL UNDERGROUND CONDUITS SHOWN ARE EXISTING, UNLESS OTHERWISE NOTED.

- 1 U/G PRIMARY SERVICE BY SNO. PUD. APPROXIMATE LÓCATION OF NEW POLE TO BE DETERMINED BY SNO. PUD. SNO. PUD TO PROVIDE AND SET NEW PAD MOUNTED TRASFORMER. CONTRACTOR TO PROVIDE PRIMARY SERVICE FEEDERS PER RISER DIAGRAM ON SHEET E6.0
- 2 U/G SECONDARY SERVICE CONTRACTOR. SHALL PROVIDE NEW FEEDERS IN EXISTING CONDUITS. SEE FEEDER SCHEDULE ON SHEET E6.0
- 3 TELEPHONE SERVICE (FRONTIER) UTILIZE EXISTING CONDUITS FOR NEW INCOMING SERVICE. COORDINATE REQUIREMENTS WITH
- 5 FIBER UTILIZE EXISTING CONDUITS FOR NEW INCOMING SERVICE. COORDINATE REQUIREMENTS WITH TULALIP TRIBE

- 8 EXISTING CONDUITS FROM MAIN ELECTRICAL ROOM TO OUTDOOR COOKHOUSE. INTERCEPT CONDUITS AT EDGE OF FOUNDATION, AND CONTINUE CONDUIT TO INTERIOR OF COOK HOUSE. SEE ENLARGED PLAN THIS SHEET.

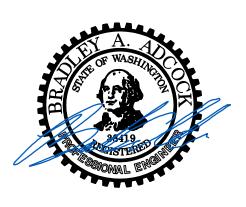
UTILITY CONTACTS:

<u>TULALIP TRIBE COMMUNICATIONS</u> — FIBER MICHAEL GIBSON — mgibson@salishnetworks.com









TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

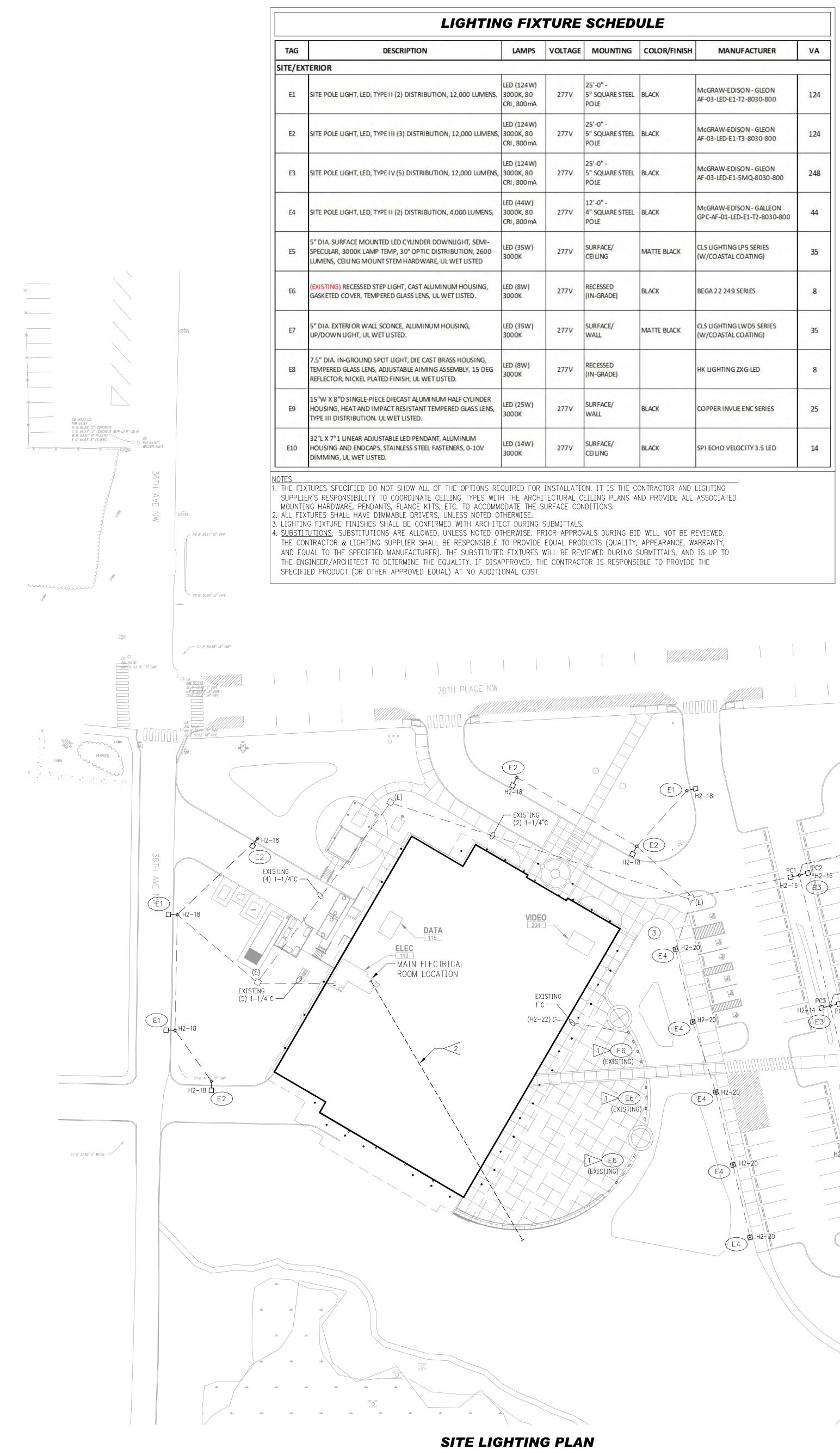
PHASE 2 - BUILDING AND LANDSCAPING

ELECTRICAL SITE UTILITY PLAN

о.	Description	Date		
	PHASE 2 DD SET	04/25/18		
	PHASE 2 PERMIT ISSUANCE	08/20/18		
	PHASE 2 BID SET	10/08/18		
	ADDENDUM 3	11/14/18		
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	CCD 12	11/25/19		
	CCD 13	12/10/19		
	NEW OFFICE	03/09/20		
	RECORD DOCUMENTS	06/02/20		

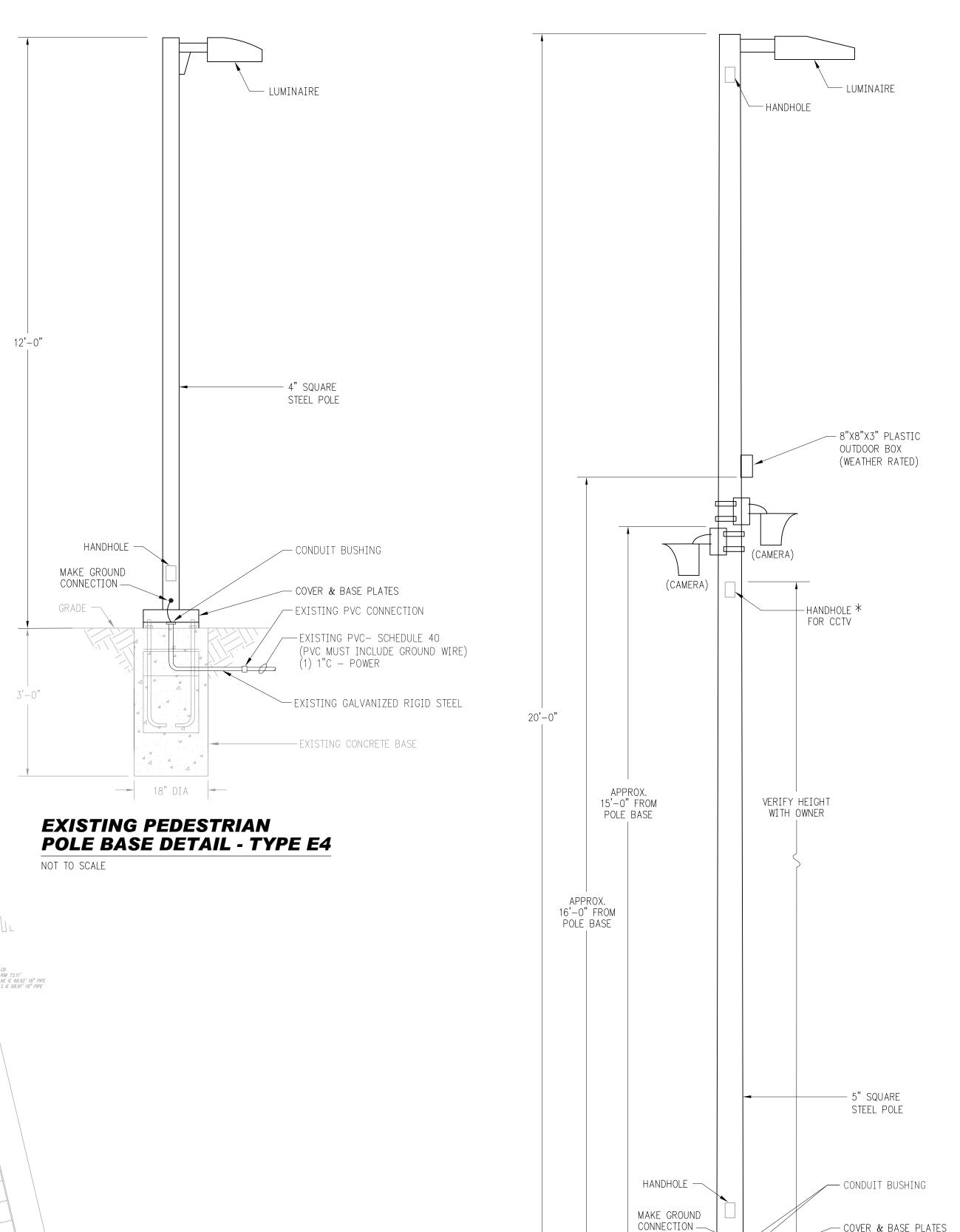
47004
17031
RD
KH





SCALE: 1"= 30'-0"

		SURFACE/ CELLING	BLACK	SPI ECHO VELOCITY 3.5 LED	14					GRADE		/
HIT SU SI PRI E E	ECTURAL CI IRFACE CON UBMITTALS. COR APPROV EQUAL PROD	EILING PLANS AN DITIONS. YALS DURING BIE JUCTS (QUALITY,	ONTRACTOR AND ND PROVIDE ALL WILL NOT BE R APPEARANCE, WA	ASSOCIATED EVIEWED. ARRANTY,					3'-()"		
			UBMITTALS, AND BLE TO PROVIDE								18" DIA	-
										EXISTING POLE BAS		
			•				FUTU LOCA	JRE SIGN		" PIPE PIPE		
	<	040	Elot	1 H2_18			Π					
; 4"C			(E2)					C8				
		H2-18			PC2 H2-16		PC7 D 0 1 PC 12 16 E3	2=16				
EO			(3)									
VIC	STING		E4 H2-2				Pc9 H2=14	PC10 E3				
"C -			E4	H2-20	PC3 H2+14 E3	H2-14 C4						
		1 E6 d (EXISTING)										
		1 E6 (EXISTING		E4)T				PC11 CH CH H2-12) PC12 12-12			
+/		1 E6 b (EXISTING)		E4 H2+20		PC5 2-12 D PC6 E3	2			PC13 H2-12		
				E H2 20				L L		(E1)		
				(E4)								
									a second			
	a PLA	~			/	y y	Jule -	site site				ł
U	I PLA	v										



grade — / EXISTING PVC CONNECTION EXISTING PVC- SCHEDULE 40 (PVC MUST INCLUDE GROUND WIRE) (1) 1-1/4"C - POWER (1) 1"C - CCTV

EXISTING POLE BASE DETAIL - TYPES E1,E2,E3 NOT TO SCALE

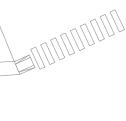
* NOTE: PROVIDE 1" FLEXIBLE CONDUIT (SMURFTUBE) IN POLE FOR CCTV CABLING. COORDINATE EXACT REQUIREMENTS WITH OWNER.

GENERAL NOTES:

- 1. PROVIDE AND INSTALL SITE LIGHTING POLES AND FIXTURE HEADS ONTO EXISTING POLE BASES. COORDINATE EXISTING POLE BASE BOLT PATTERN WITH POLE MANUFACTURER. ALL SITE LIGHTING SHALL BE CIRCUITED BACK TO PANEL H2. SEE PANEL SCHEDULE ON SHEET E6.1.
- 2. REFER TO SHEETS E2.1 AND E2.2 FOR BUILDING EXTERIOR LIGHT FIXTURE LOCATIONS.
- 3. ALL SITE/PARKING POLE LIGHTS SHALL BE #8 CU.
- 4. ALL UNDERGROUND CONDUITS SHOWN ARE EXISTING, UNLESS OTHERWISE NOTED.

DETAIL NOTES:

1 EXISTING STEP LIGHTS "TYPE E6" SHALL BE CIRCUITED BACK TO PANEL H2, CIRCUIT 22. ALSO REFER TO H2 PANEL SCHEDULE ON SHEET E6.1.

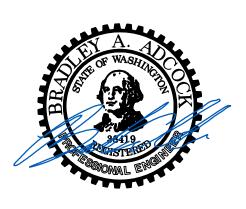






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TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

ELECTRICAL SITE LIGHTING

o.	Description	Date		
	PHASE 2 DD SET	04/25/18		
	PHASE 2 PERMIT ISSUANCE	08/20/18		
	PHASE 2 BID SET	10/08/18		
	ADDENDUM 3	11/14/18		
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	CONFORMED SET	10/07/19		
	CCD 12	11/25/19		
	CCD 13	12/10/19		
	NEW OFFICE	03/09/20		
	RECORD DOCUMENTS	06/02/20		

PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH





SCALE: 1"= 30'-0"

SHEET NOTES:

1. ALL UNDERGROUND CONDUITS SHOWN ARE EXISTING, UNLESS OTHERWISE NOTED.

SITE NOTES: 1 EXISTING 1-1/2"C

- 2 EXISTING 2"C
- 3 EXISTING 3"C
- 4 EXISTING 4"C

 \land (N)

- EXISTING 30L X 19W X 12H, UNDERGROUND HANDHOLE
- EXISTING 19L X 14W X 12H, UNDERGROUND HANDHOLE

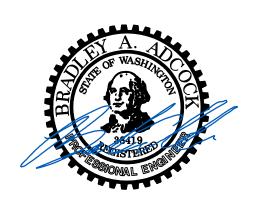
DETAIL NOTES:

- EXISTING (1) 1-1/4" CONDUIT FOR 120V POWER TO POLE MOUNTED CABINET. PROVIDE DEDICATED CIRCUIT BACK TO PANEL L3 IN VIDEO 204.
- 2 CONTRACTOR SHALL PROVIDE HUBBELL DATA CABINET "IR321PS" FOR SECURITY CAMERA SYSTEM. CABINET SHALL BE STAINLESS STEEL NEMA 4X, 36"H X 16"W X 12"D. MOUNT TO POLE.









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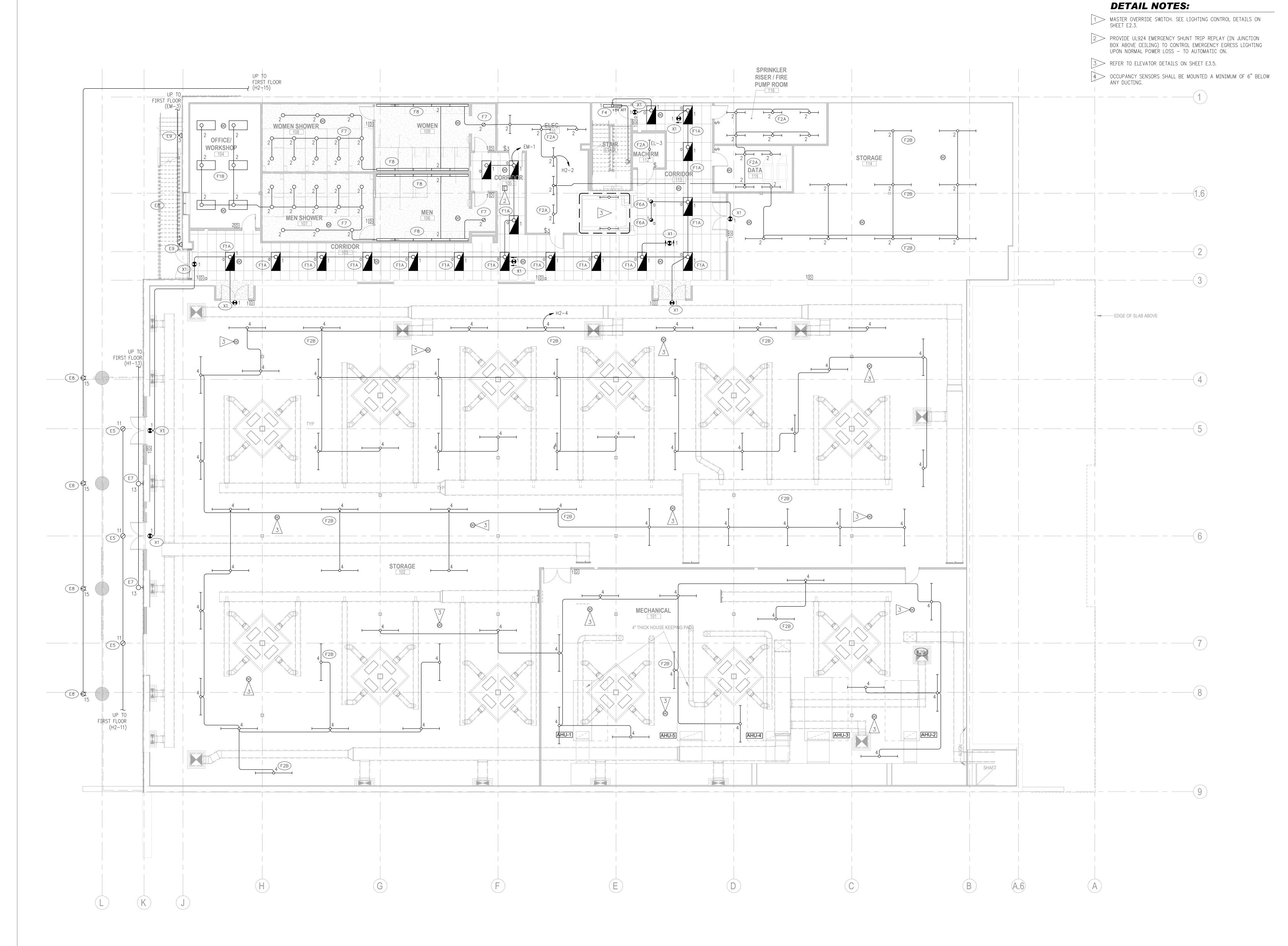
PHASE 2 - BUILDING AND LANDSCAPING

ELECTRICAL SITE **DATA & SECURITY**

ISSU	JANCE	
No.	Description	Date
	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
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	NEW OFFICE	03/09/20
	RECORD DOCUMENTS	06/02/20

PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH
DRAWN BY:	





LOWER LEVEL PLAN - LIGHTING

GENERAL NOTES:

- 1. ALL LOW-VOLTAGE CABLING AND/OR CONTROL WIRING ABOVE ACCESSIBLE CEILINGS, SHALL BE PLENUM RATED.
- 2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT DIMENSIONED LIGHT FIXTURE LOCATIONS.

SCALE: 1/8'=1'-0'



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PHASE 2 - BUILDING AND LANDSCAPING

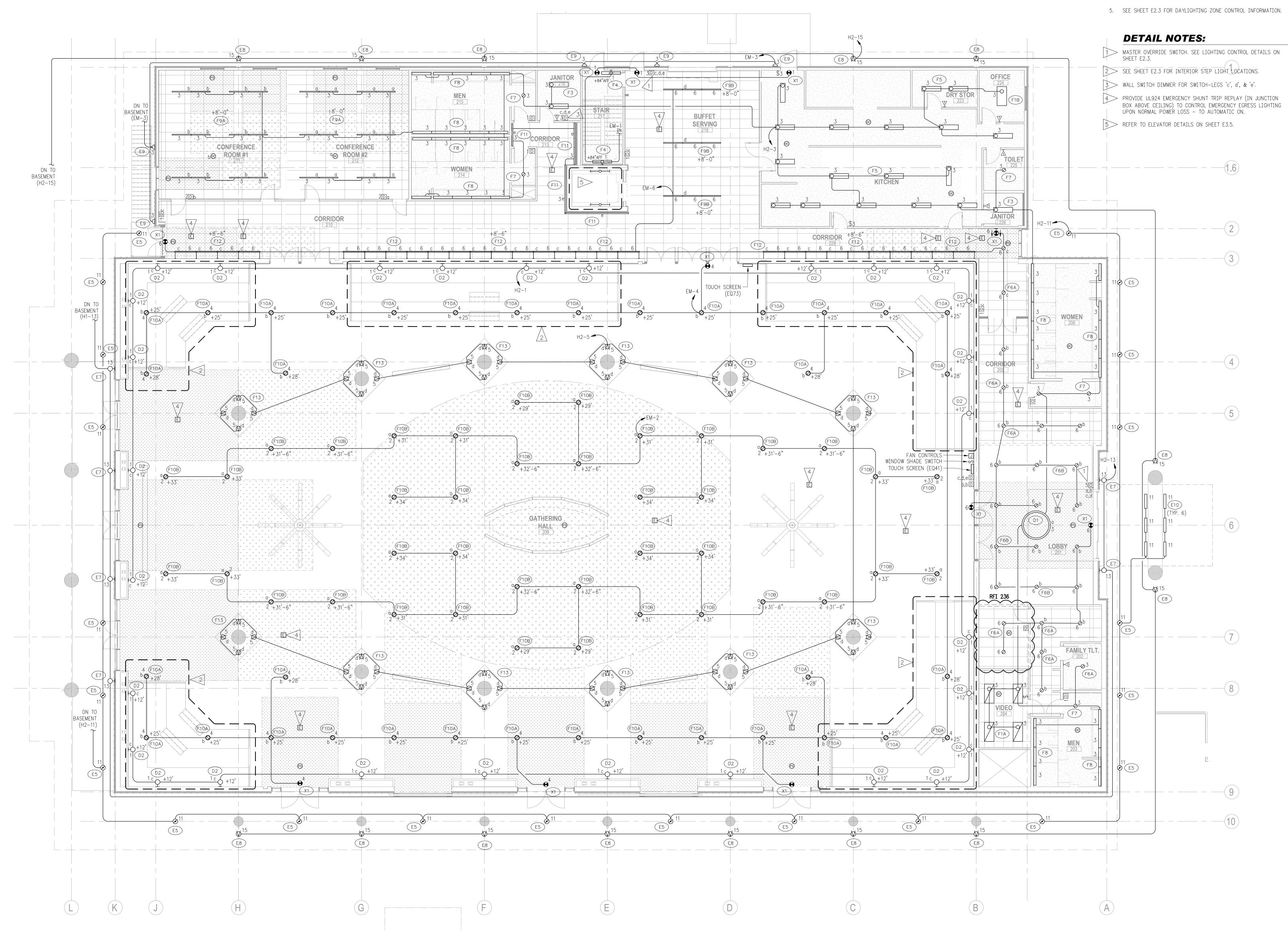
LOWER LEVEL FLOOR PLAN LIGHTING

No.	ANCE Description	Date
	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
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	CONSTRUCTION SET	03/13/19
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	CCD 12	11/25/19
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	RECORD DOCUMENTS	06/02/20

17031
RD
KH







GENERAL NOTES:

- 1. ALL LOW-VOLTAGE CABLING AND/OR CONTROL WIRING ABOVE ACCESSIBLE CEILINGS, SHALL BE PLENUM RATED.
- 2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT DIMENSIONED LIGHT FIXTURE LOCATIONS.
- 3. MOUNTING HEIGHTS FOR LIGHT FIXTURE 'F10A' AND 'F10B' ARE APPROXIMATE. FIXTURE COMES WITH MINIMUM 36" POWER AND SUSPENSION CABLE. CORD AND CABLE SHALL BE ADJUSTED TO 24" FROM FINISHED CEILING.
- 4. REFER TO SHEET E1.2 FOR EXTERIOR LIGHT FIXTURE SCHEDULE.
- 5. SEE SHEET E2.3 FOR DAYLIGHTING ZONE CONTROL INFORMATION.



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TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

MAIN LEVEL FLOOR PLAN LIGHTING

ISSU	ANCE	
No.	Description	Date
	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	ADDENDUM 6	12/14/18
	CONSTRUCTION SET	03/13/19
	CONFORMED SET	10/07/19
	CCD 12	11/25/19
	CCD 13	12/10/19
	NEW OFFICE	03/09/20
	RECORD DOCUMENTS	06/02/20

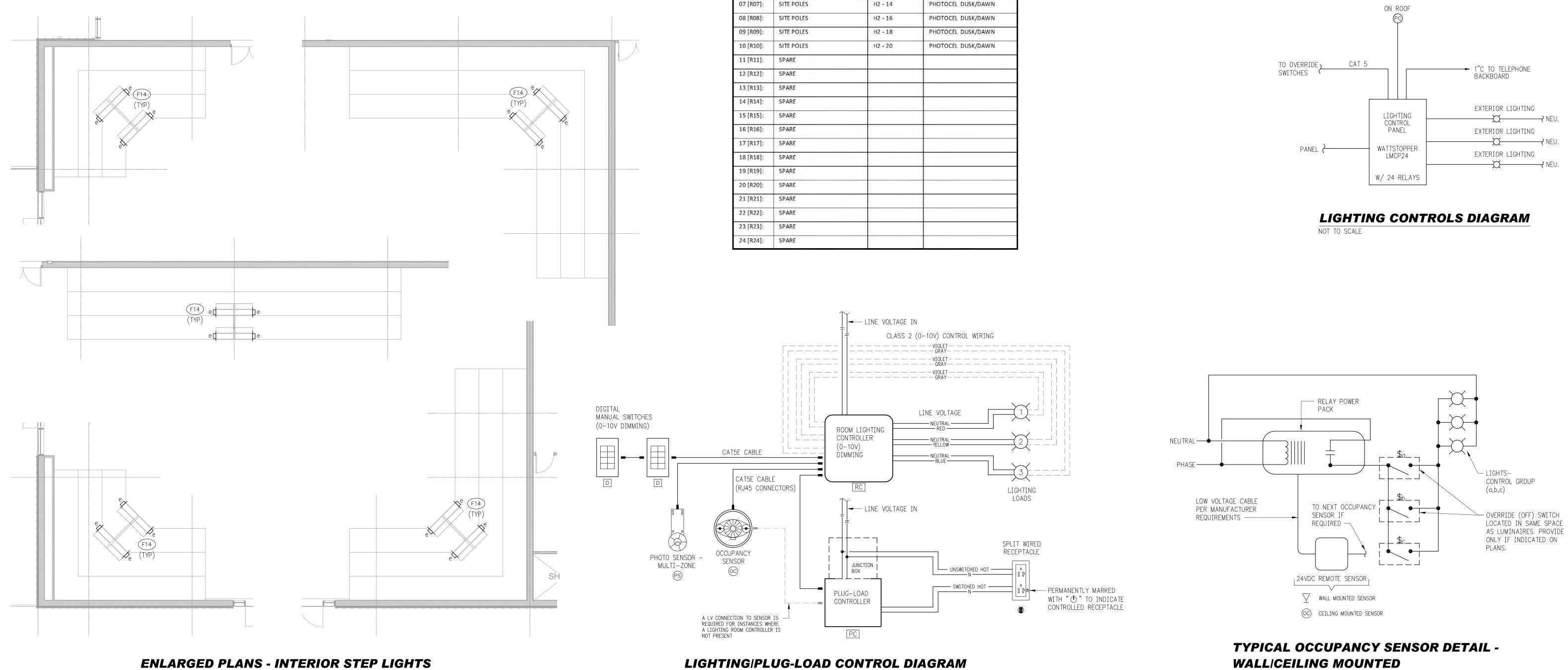
PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH





ROOM	ON	OFF	TIME-OUT SETTING	DAYLIGHT CNTRL (AUTO DIMMING)	MANUAL CONTROL	ROOM CONTROLLER (SEE DETAIL)	TIME BASED (RELAY PANEL)
OFFICE 104	VAC SENSOR	CEILING OCC SENSOR	30 MIN		2-BUTTON, 0-10V DIMMING	YES	÷
RESTROOMS 106/107	CEILING OCC SENSOR	CEILING OCC SENSOR	30 MIN		(2) 1-BUTTON	YES	
RESTROOMS 108/109	CEILING OCC SENSOR	CEILING OCC SENSOR	30 MIN	-	(2) 1-BUTTON	YES	÷
CORRIDOR 103, 105, 113	CEILING OCC SENSOR	CEILING OCC SENSOR	30 MIN	100 Page 1	(3) 1-BUTTON	YES	
ELEC 110	- k		÷	4.1	WALL SWITCH	NO	
MECH RM 112	64). 1		÷		WALL SWITCH	NO	÷
FIRE SPRINKLER RM 116	2	-	÷	-	WALL SWITCH	NO	÷
DATA 115	CEILING OCC SENSOR	CEILING OCC SENSOR	30 MIN		WALL SWITCH	NO	,+
STORAGE 114	CELLING OCC SENSORS	CEILING OCC SENSORS	30 MIN	0.000	(2) 1-BUTTON	YES	
STORAGE 102	CELUNG OCC SENSORS	CEILING OCC SENSORS	30 MIN	-	(3) 1-BUTTON	YES	
MECHANICAL 101	CELLING OCC SENSORS	CEILING OCC SENSORS	30 MIN		1-BUTTON	YES	

LOCATION	ON	OFF	TIME-OUT SETTING	DAYLIGHT CNTRL (AUTO DIMMING)	MANUAL CONTROL	ROOM CONTROLLER (SEE DETAIL)	TIME BASED (RELAY PANEL)
XTERIOR BUILDING MOUNTED	PHOTOCEL-DUSK	PHOTOCEL-DAWN	-	-	OVERRI DE AT PANEL		YES
EXTERIOR I N- GORUND	PHOTOCEL-DUSK	PHOTOCEL-DAWN			OVERRI DE AT PANEL	÷	YES
EXTERIOR SI GN	PHOTOCEL-DUSK	PHOTOCEL-DAWN			OVERRI DE AT PANEL	(4)	YES
EXTERIOR SITE POLES	PHOTOCEL-DUSK	PHOTOCEL-DAWN	÷	-	OVERRI DE AT PANEL		YES



SCALE: 1/8" = 1'-0"

LIGHTING CONTROL SEQUENCE - MAIL LEVEL							
ROOM	ON	OFF	TIME-OUT SETTING	DAYLIGHT CNTRL (AUTO DIMMING)	MANUAL CONTROL	ROOM CONTROLLER (SEE DETAIL)	TIME BASED (RELAY PANEL)
LOBBY 201/ CORRIDOR 205	TIME BASED W/ LOCAL MANUAL OVERRIDE	TIME BASED	8	PHOTO SENSOR	5-BUTTON, 0-10V DIMMING	YES	4.1
GATHERING HALL 209	TOUCH SCREENS W/ LOCAL MANUAL OVERRIDE	TIME BASED	è	PHOTO SENSOR	5-BUTTON, 0-10V DIMMING	YES	÷
RESTROOMS 203/206	CEILING OCC SENSOR	CEILING OCC SENSOR	30 MIN	-	1-BUTTON	YES	
VIDEO 204	CEILING OCC SENSOR	CEILING OCC SENSOR	30 MIN		WALL SWITCH	NO	
KITCHEN 219	CEILING OCC SENSOR	CEILING OCC SENSOR	30 MIN		WALL SWITCH	NO	÷
DRY STORAGE 223	WALL COMBO SWITCH/OCC SENSOR	WALL COMBO SWITCH/OCC SENSOR	30 MIN		WALL COMBO SW/OCC SENSOR	NO	÷
TOILET 225	WALL COMBO SWITCH/OCC SENSOR	WALL COMBO SWITCH/OCC SENSOR	30 MIN		WALL COMBO SW/OCC SENSOR	NO	
JANITOR 226	WALL COMBO SWITCH/OCC SENSOR	WALL COMBO SWITCH/OCC SENSOR	30 MIN		WALL COMBO SW/OCC SENSOR	NO	÷
CORRIDOR 210, 213, 229	TIME BASED W/ LOCAL MANUAL OVERRIDE	TIME BASED	÷	PHOTO SENSOR	(3) 1-BUTTON	YES	2
BUFFET SERVING 218	TIME BASED W/ LOCAL MANUAL OVERRIDE	TIME BASED	÷	1.11.28	3-BUTTON	YES	
CORR 210,213,229 /BUFFET 218	LOCATED IN JANITOR 216				3-BUTTON, 0-10V DIMMING	YES	-
JANITOR 216	WALL COMBO SWITCH/OCC SENSOR	WALL COMBO SWITCH/OCC SENSOR	30 MIN	-	WALL COMBO SW/OCC SENSOR	NO	÷
RESTROOMS 214/215	CEILING OCC SENSOR	CEILING OCC SENSOR	30 MIN		1-BUTTON	YES	-
MALL BATHROOMS	WALL COMBO SWITCH/OCC SENSOR	WALL COMBO SWITCH/OCC SENSOR	30 MIN	-	WALL COMBO SW/OCC SENSOR	•	
CONFERENCE RM 211	CEILING OCC SENSOR	CEILING OCC SENSOR	30 MIN	PHOTO SENSOR	1-BUTTON	YES	4.
CONFERENCE RM 212	CEILING OCC SENSOR	CEILING OCC SENSOR	30 MIN	PHOTO SENSOR	1-BUTTON	YES	

Relay	Description/Location	Circuit Number	Control Sequence
01 [R01]:	Exterior Sconces	H2 - 13	PHOTOCEL DUSK/DAWN
02 [R02]:	Exterior in Grade	H2 - 15	PHOTOCEL DUSK/DAWN
03 [R03]:	Exterior Pendant	H2 - 11	PHOTOCEL DUSK/DAWN
04 [R04]:	SPARE		
05 [R05]:	Wallpacks	EM - 3	PHOTOCEL DUSK/DAWN
06 [R06]:	SITE POLES	H2 - 12	PHOTOCEL DUSK/DAWN
07 [R07]:	SITE POLES	H2 - 14	PHOTOCEL DUSK/DAWN
08 [R08]:	SITE POLES	H2 - 16	PHOTOCEL DUSK/DAWN
09 [R09]:	SITE POLES	H2 - 18	PHOTOCEL DUSK/DAWN
10 [R10]:	SITE POLES	H2 - 20	PHOTOCEL DUSK/DAWN
11 [R11]:	SPARE		
12 [R12]:	SPARE		
13 [R13]:	SPARE		
14 [R14]:	SPARE		1 7
15 [R15]:	SPARE		
16 [R16]:	SPARE		-
17 [R17]:	SPARE		
18 [R18]:	SPARE		
19 [R19]:	SPARE		
20 [R20]:	SPARE		
21 [R21]:	SPARE		
22 [R22]:	SPARE		
23 [R23]:	SPARE		
24 [R24]:	SPARE		

LIGHTING/PLUG-LOAD CONTROL DIAGRAM NOT TO SCALE

GENERAL NOTES:

- 1. ALL LOW-VOLTAGE CABLING AND/OR CONTROL WIRING ABOVE ACCESSIBLE CEILINGS, SHALL BÉ PLENUM RATED.
- 2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT DIMENSIONED LIGHT FIXTURE LOCATIONS.

DETAIL NOTES:

1 MASTER OVERRIDE SWITCH. SEE LIGHTING CONTROL DETAILS ON SHEET E2.3.

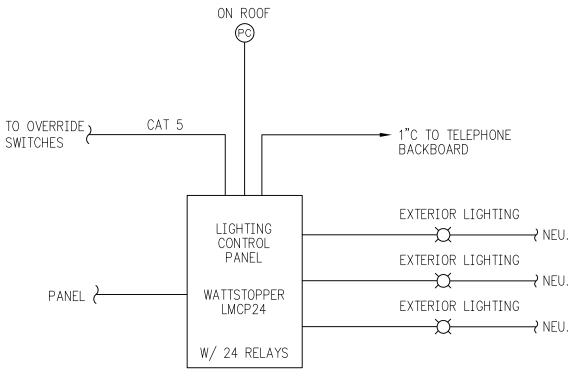
2 LIGHT FIXTURES IN SMALL OFFICES SHALL NOT DIM BELOW 30% OF THE TOTAL LUMEN OUTPUT.

DAYLIGHTING ZONE CONTROL:

- 1. PROVIDE CEILING MOUNTED PHOTOSENSOR(S) TO SEPARATELY CONTROL AND CONTINUOUSLY DIM LIGHT FIXTURES WITHIN THE PRIMARY AND SECONDARY ZONES, AS DEFINED BY THE LATEST EDITION OF THE WASHINGTON ENERGY CODE. LOCATE SENSOR(S) AS RECOMMENDED BY MANUFACTURER,
- 2. LIGHTING FIXTURES WITHIN THE DAYLIGHT ZONES SHALL BE PROVIDED WITH DIMMING CAPABILITY (BALLASTS, DRIVERS). PROVIDE REQUIRED POWER SUPPLIES, CONDUIT, CONTROL WIRING, ETC. AS REQUIRED FOR A COMPLETE OPERATING SYSTEM.
- 3. PROVIDE PROGRAMMING, START-UP & COMMISSIONING AS RECOMMENDED BY MANUFACTURER AND AS REQUIRED BY ENERGY CODE.
- 4. CONTRACTOR SHALL COORDINATE THE OPERATION OF MANUAL WALL DIMMER IN CONJUNCTION WITH DAYLIGHT SENSOR. DAYLIGHT SENSOR SHALL DETERMINE THE HIGH END LIGHTING LEVEL BASED ON NATURAL DAYLIGHT. RANGE SET BY SENSOR. COORDINATE INTENT WITH MANUFACTURER AND CONTROLLERS, ETC. AS REQUIRED.

	PRIMARY DAYLIGHTING ZONE.
\(\phi\) \(\ph	SECONDARY DAYLIGHTING ZON
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	TOPLIGHT DAYLIGHTING ZONE.

YLIGHTING ZONE.

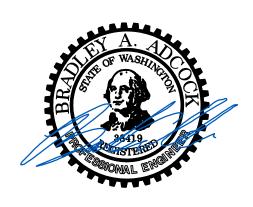


WALL/CEILING MOUNTED NOT TO SCALE









TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

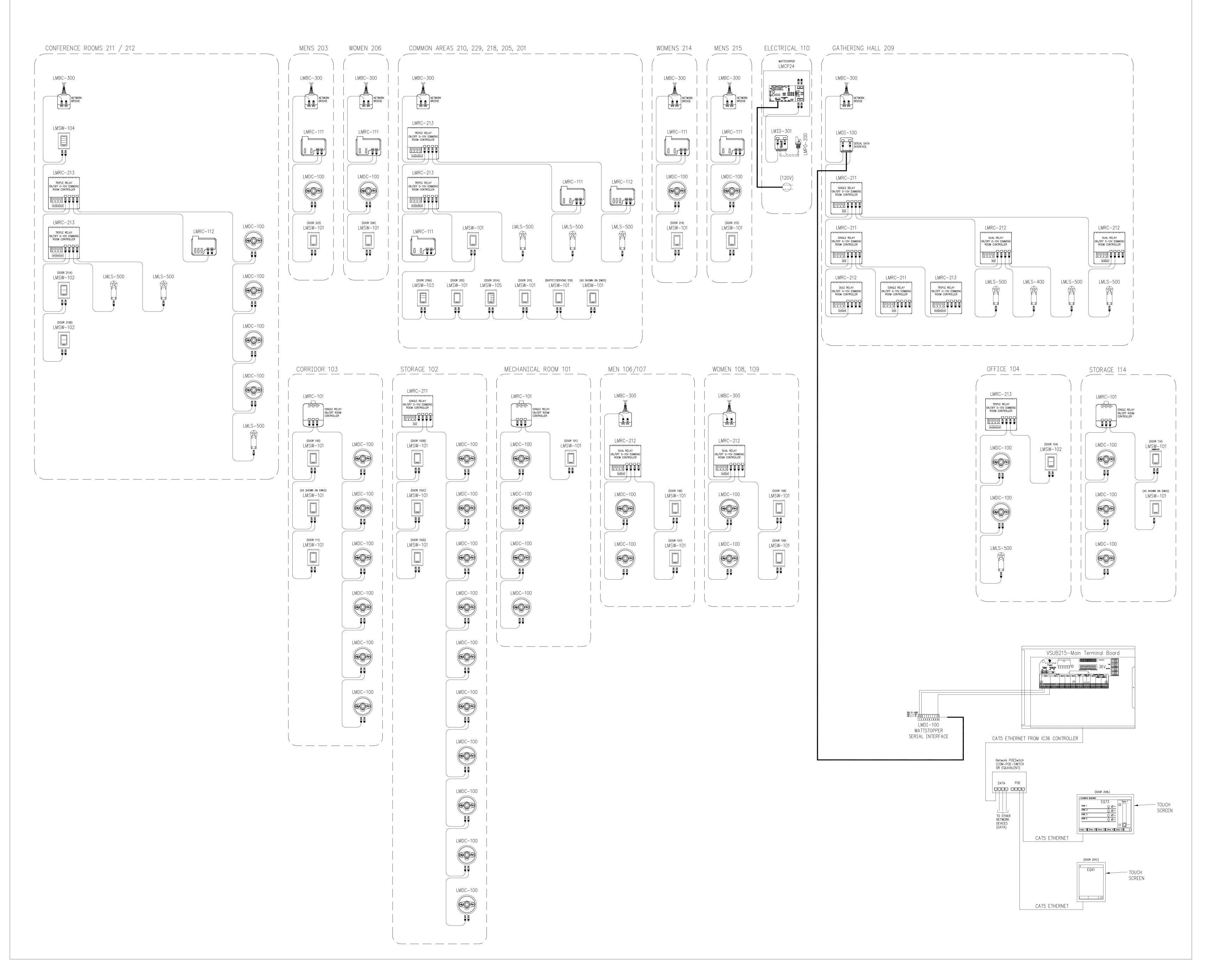
PHASE 2 - BUILDING AND LANDSCAPING

LIGHTING **CONTROLS &** DETAILS

10.	ANCE Description	Date
	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
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PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH





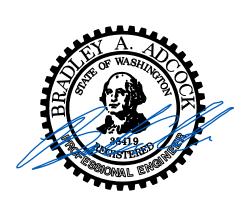


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PHASE 2 - BUILDING AND LANDSCAPING

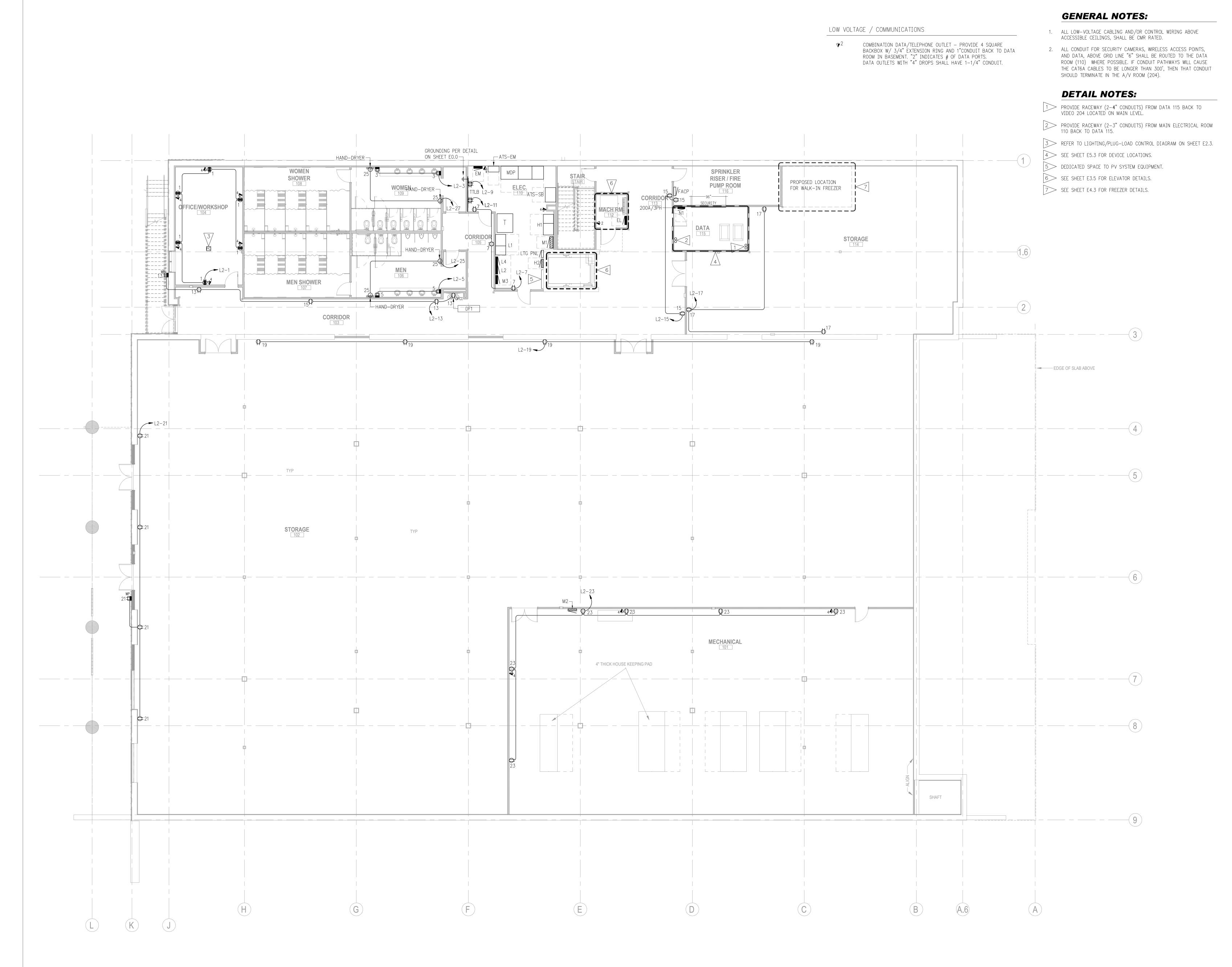
LIGHTING CONTROLS ONE-LINE

No.	ANCE Description	Date
	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	
	ADDENDUM 4	11/28/18
	ADDENDUM 6	12/14/18
	CONSTRUCTION SET	03/13/19
	CONFORMED SET	10/07/19
	CCD 12	11/25/19
	CCD 13	12/10/19
	NEW OFFICE	03/09/20
	RECORD DOCUMENTS	06/02/20

PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH





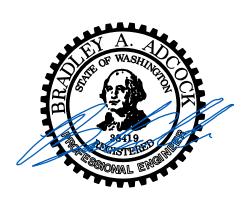


LOWER LEVEL PLAN - POWER



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TULALIP TRIBES **GATHERING HALL** 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

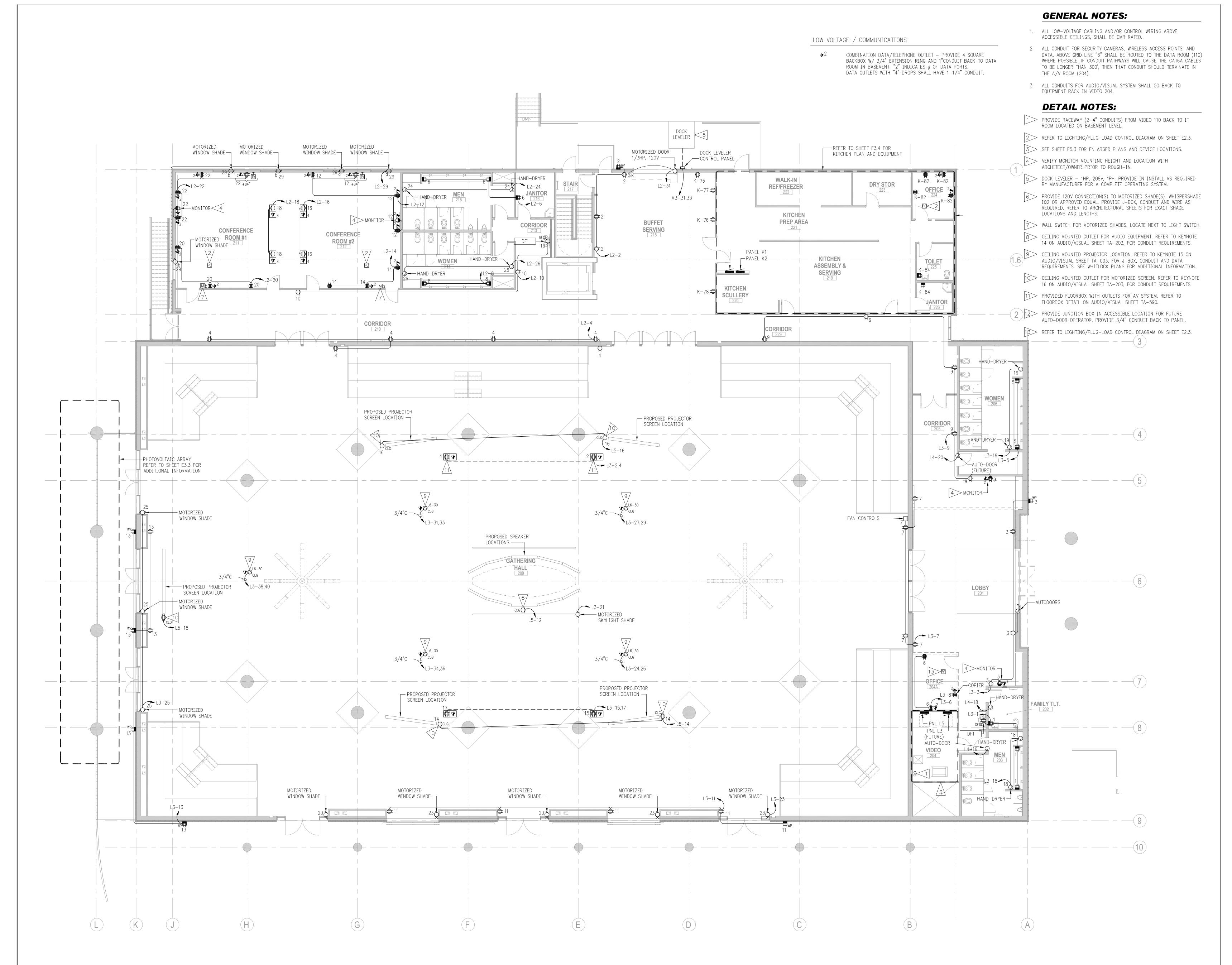
LOWER LEVEL FLOOR PLAN POWER

No.	Description	Date
	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
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PROJECT NUMBER:	17031
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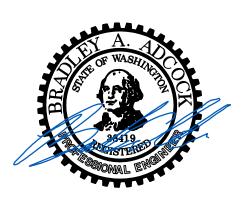






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TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

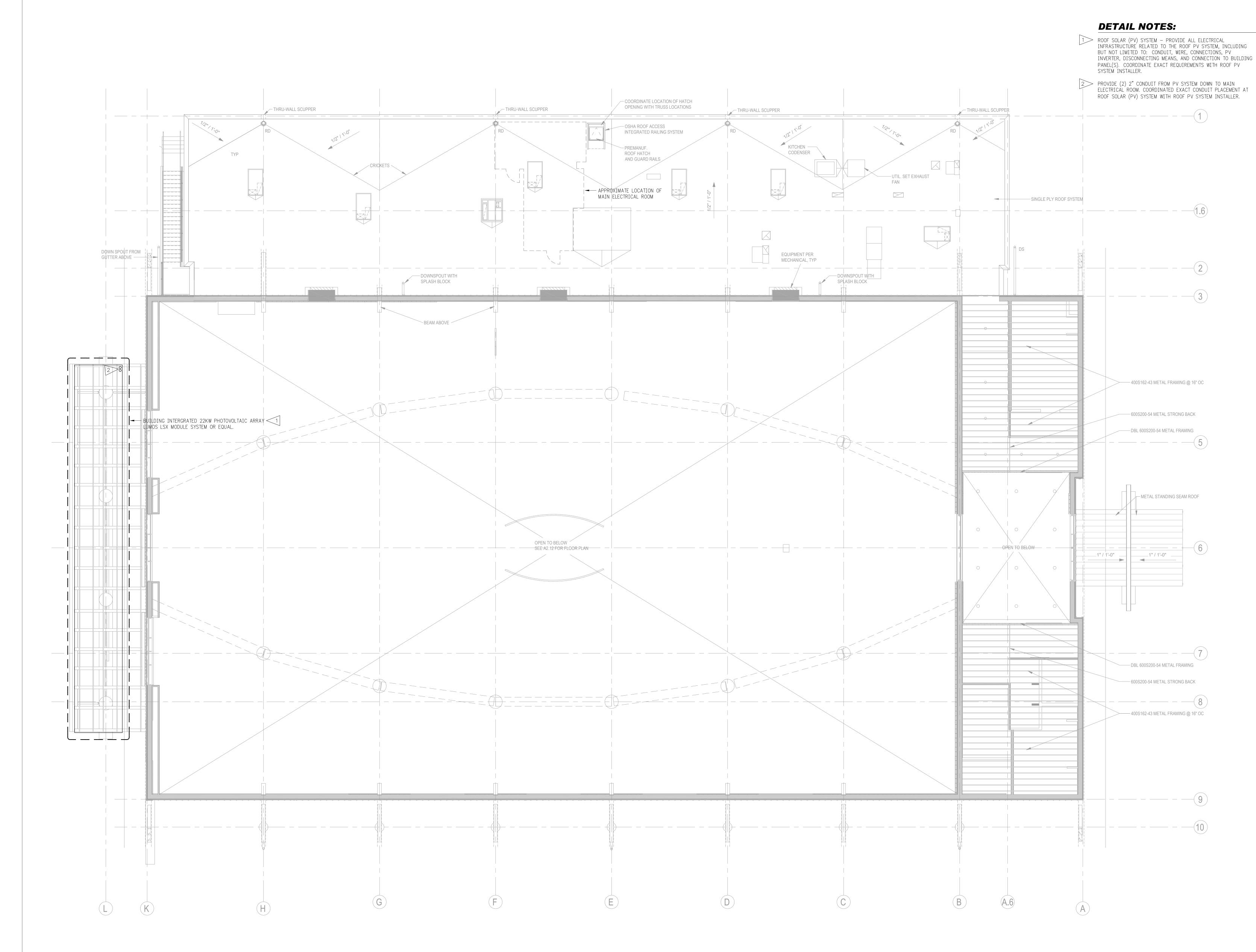
MAIN LEVEL **FLOOR PLAN** POWER

ISSU	ANCE					
No.	Description	Date				
	PHASE 2 DD SET	04/25/18				
	PHASE 2 PERMIT ISSUANCE	08/20/18				
	PHASE 2 BID SET	10/08/18				
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		1				

PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH







<u>Roof plan - power (roof solar pv system)</u>

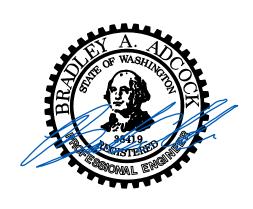
GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE 22KW PHOTOVOLTAIC SYSTEM WHICH IS TO BE MOUNTED ON SOUTH CANOPY.



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PHASE 2 - BUILDING AND LANDSCAPING

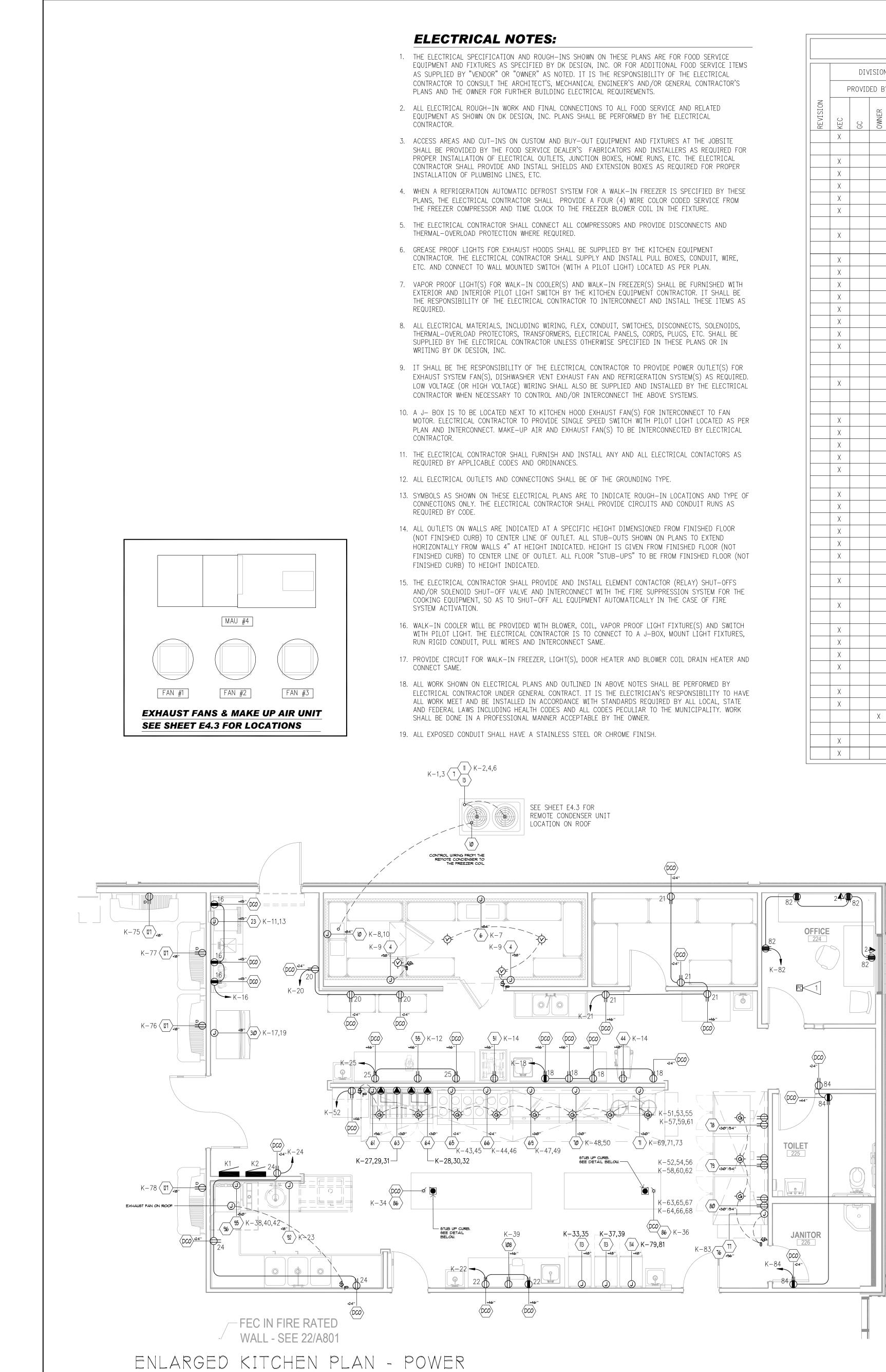
ROOF PLAN PHOTOVOLTAIC

) .	ANCE Description	Date
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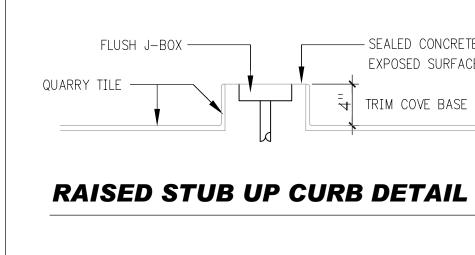
PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH







					ELECTRICAL SCHEDU	JLE - KI	TC	HEN					
DIVISION	OF RE	SPONSI	BILITY										
PROVIDED BY			PLACED BY										
)OR		MITIN			S	Щ	щ		(0	-		
KEC GC OWNER	VENDOR	KEC	Mall ve Ndor 00 ve Ndor 01 ve Ndor	QTY	EQUIPMENT DESCRIPTION	VOLTS	PHASE	CYCLE HP	≥ ×	AMPS	CONN.	NEMA	ELEC REMARKS
X		X	4	1 LOT	WALK-IN COOLER AND FREEZER COMBINATION								FOUR (4) VAPORPROOF INCANDESCENT LIGHT FIXTURES
					COOLER CONNECTION	120	1	60		0.3	JBOX		FOR LIGHTS
X					FREEZER CONNECTION	120	1	60		1.1	JBOX		FOR LIGHTS, DOOR/DRAIN LINE HEATERS, HEATED AIR VEN
X		Х	6	1 EACH	WALK-IN COOLER COIL	120	+ +	60		1.8	JBOX		COIL BREAKER SIZE 15 AMPS
X		X	7	1 EACH	REMOTE CONDENSER FOR WALK-IN COOLER	208		60 0.8		8.3			
X		X	10	1 EACH	WALK-IN FREEZER COIL	208	+ +	60	1.7	1.0	JBOX		REQUIRES CONTROL WIRING FROM REMOTE COMPRESSOR
X		X	11	1 EACH	REMOTE CONDENSER FOR WALK-IN FREEZER	208	3	60 2.5		7.4			
		X	X 20	1 EACH 1 EACH	REMOTE CONDENSER HOUSING PACKAGE HEATED DOOR AIR CURTAIN	115	1	60 1.0	8.0	2.4	JBOX		
X	Х		X 20	1 EACH	COFFEE BREWING SYSTEM BY VENDOR	208	1	00 1.0	0.0	27.4	JBOX		VERIFY REQUIREMENTS FROM VENDOR
	^	X	30	1 EACH	ICE MAKER	208				27.4	JBOX		
				1 EACH	30 QUART FLOOR MIXER	115		60 2.0		20.0		< 5-30P	VERIFY CONNECTION REQUIREMENTS (NEMA PLUG TYPE)
		X	51	1 EACH	FOOD SLICER	110	+ +	60 2.0 60 0.5				< 5–15P	VERIFY CONNECTION REQUIREMENTS (NEMA PLUG TYPE)
X		X	55	1 EACH	FOOD PROCESSING MACHINE	120		60 0.5		7.0		< 5–15P	
X		Х	60	1 LOT	SURFACE FIRE SUPPRESSION SYSTEM FOR TYPE I HOOD, ITEM 60								VERIFY ALARM AND SHUNT TRIP REQUIREMENTS
X		Х	61	1 EACH	TYPE I VENTILATOR	120	1	60	.40		JBOX		FOUR (4) GREASEPROOF LIGHTS
X		Х	62	1 LOT	CUSTOM FABRICATED S/S HOOD ENCLOSURE TO THE CEILING								
X		Х	63	1 EACH	ELECTRIC FRYER WITH FILTER	208	3	60	14.0	39.8	>	(15–60–P	
						208	3	60	14.0	39.8	>	< 15-60-P	
X		X	64	1 EACH	ELECTRIC FRYER WITH FILTER	208	+ +	60	14.0	39.8		(15–60–P	
						208	3	60	14.0	39.8	>	(15–60–P	
		V					1	<u> </u>	15.0	70.0			
X		X	65	1 EACH 1 EACH	ELECTRIC RANGE WITH OVEN BASE	208 208		60 60	15.0	72.0 72.0	JBOX JBOX		
			69	1 EACH	ELECTRIC GRIDDLE WITH STAND	208	+ +	60	16.0	77.0	JBOX		
X		X	70	1 EACH	ELECTRIC GRIDDLE WITH STAND	208		60	16.0	77.0	JBOX		
X X		X	70	1 EACH	6 GALLON STEAM JACKETED KETTLES	208	+ +	60	12.3	34.1	JBOX		
X		Х	73	1 LOT	SURFACE FIRE SUPPRESSION SYSTEM FOR TYPE I HOOD, ITEM 74								
X		Х	74	1 EACH	TYPE I VENTILATOR	120	1	60	.40		JBOX		FOUR (4) GREASEPROOF LIGHTS
X		Х	75	1 LOT	SURFACE FIRE SUPPRESSION SYSTEM FOR TYPE I HOOD, ITEM 74								VERIFY ALARM AND SHUNT TRIP REQUIREMENTS
X		Х	76	1 EACH	TYPE I VENTILATOR	120	1	60	.30		JBOX		THREE (3) GREASEPROOF LIGHTS
X		Х	77	1 LOT	CUSTOM FABRICATED S/S HOOD ENCLOSURE TO THE CEILING								
X		Х	78	1 EACH	ELECTRIC CONVECTION OVEN	208	1	60		51.0			VERIFY CONNECTION REQUIREMENTS WITH VENDOR (PLUG/J
						208	1	60		51.0			VERIFY CONNECTION REQUIREMENTS WITH VENDOR (PLUG/J
X		Х	79	1 EACH	ELECTRIC CONVECTION OVEN	208	+ +	60		51.0			VERIFY CONNECTION REQUIREMENTS WITH VENDOR (PLUG/J
						208	+ +	60		51.0			VERIFY CONNECTION REQUIREMENTS WITH VENDOR (PLUG/J
X		Х	80	1 EACH	ELECTRIC CONVECTION OVEN	208	+ +	60		51.0			VERIFY CONNECTION REQUIREMENTS WITH VENDOR (PLUG/J
				4 + 0 7		208	1	60		51.0			VERIFY CONNECTION REQUIREMENTS WITH VENDOR (PLUG/J
X		X	81	1 LOT	CUSTOM FABRICATED S/S WALL FLASHING UNDER HOOD 76								
X		X	82	1 LOT	SURFACE FIRE SUPPRESSION SYSTEM FOR TYPE I HOOD, ITEM 76	100	1	60		20.0			
			X 86 X 92	2 EACH 1 EACH	PEDESTAL OUTLET DISPOSER	120 120		60 60 2.0		20.0 24.0	JBOX		INSTALLED BY EC
	X		X 92 X 95	1 EACH	HIGH TEMPERATURE DISHMACHINE W/ BUILT-IN BOOSTER BY VENDOR	208	+ +	60 2.0 60 0.75	13.1	42.1	1BOX		
	^	X	96	1 EACH	CONDENSATE HOOD	200		0.70	13.1	72.1			
		X	108	1 EACH	CONVEYOR TOASTER	120		60	1.6	13.8		< 5-20P	
			X 113	2 EACH	MOBILE SLOW COOK AND HOLD CABINET EXISTING	208		60	5.3	22.2		< 6-50P	
						120		60	1.9	17.0		< 5-20P	
		X	114	1 EACH	MOBILE SLOW COOK AND HOLD CABINET	208		60	5.3	22.2		< 6-50P	
			127	4 EACH	MOBILE BAR AND POST MIX	110	+	60	+	11.5	, ,	< 5–15P	



TO FLUSH FLOOR PLUGS UNLESS OTHERWISE SPECIFIED.

ELECTRICAL STUB-UPS NOT CONTAINED UNDER COUNTERS, CABINETS WITH TOE KICKS OR WALLS ARE TO BE RAISED AND CONTAINED IN THIS BUILT-UP CURB FOR CONDUIT AND PIPING PROTECTION AND FOR MAINTENANCE PURPOSES. THE GENERAL CONTRACTOR IS TO PROVIDE 4" HIGH RAISED CURB(S) THAT ARE FINISHED ON ALL FOUR (4) VERTICAL SURFACES WITH THE SPECIFIED KITCHEN FLOOR MATERIAL AND MATCHING COVE BASE TRIMMED TO HEIGHT. THE CURB IS APPROXIMATELY 8" x 8" WITH THE JUNCTION BOX INSTALLED HORIZONTALLY AND FLUSH WITH THE TOP OF THE CURB. PROVIDE THE NECESSARY WATERTIGHT FITTINGS AND COVER PLATE FOR A

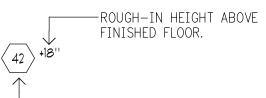
WATERTIGHT SEAL.

- SEALED CONCRETE EXPOSED SURFACE TRIM COVE BASE TO FIT

NTS

ELECTRICAL STUB-UP CURB DETAIL IN THE KITCHEN. NOT APPLICABLE

KEY





ELECTRICAL SYMBOLS

● — CONDUIT STUB-UP	━━━━=120V D.C.O. (G.F.C.I.)	
━━━━=120V DUPLEX C.O.	⊕ _{WP} 120V D.C.O. (WATER PROOF)	
➡ _H — 120V D.C.O. (HORIZONTAL)	=⊖ _{GP} 120V D.C.O. GREASE PROOF	
\Rightarrow_{D} — 120V D.C.O. (DEDICATED)	<pre>①—120V/208V (JUNCTION BOX)</pre>	
\Rightarrow FP - 120V D.C.O. (FLOOR PLUG)	—208V SPECIAL RECEPTACLE	(
⊕ _{TL} −120V D.C.O. (TWIST LOCK IN CEILING)	◦——–ELECTRICAL ROUTING	

G – GREASE PROOF LIGHT v – VAPOR PROOF LIGHT

▼── TELEPHONE JACK

KITCHEN GENERAL NOTES:

WITH KITCHEN CONTRACTOR.

1. CONTRACTOR SHALL REVIEW KITCHEN ROUGH-IN

2. CONTRACTOR SHALL MAKE REQUIRED CONNECTIONS RELATING TO KITCHEN FIRE SUPPRESSION SYSTEM (INCLUDING CONNECTIONS TO FIRE ALARM PANEL,

GAS SOLENOID VALVE CONNECTION, AND PROVIDE

K1 REQUIRED BY LOCAL AHJ). COORDINATE WITH

KITCHEN CONTRACTOR AND GENERAL CONTRACTOR.

3. ALL GENERAL PURPOSE RECEPTACLES SHALL BE GFI

EXHAUST FANS, REFRIGERATION/COOLER SYSTEMS AND OTHER EQUIPMENT REQUIRING CONTROL IN

KITCHEN. COORDINATE WITH GENERAL CONTRACTOR.

4. PROVIDE CONDUIT AND CONTROL WIRING FOR

CONTACTORS FOR SHUNT-TRIP CIRCUITS IN PANEL

DRAWINGS AND PROVIDE REQUIRED CONNECTIONS TO ALL EQUIPMENT. COORDINATE EXACT REQUIREMENTS

- WATERPROOF FLUSH FLOOR PLUG
 - — CONDUIT STUB-UP W/ CURB

DETAIL NOTES:

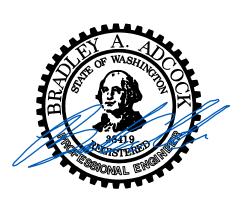
TYPE.

1 REFER TO LIGHTING/PLUG-LOAD CONTROL DIAGRAM ON SHEET E2.3.



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TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

ENLARGED **KITCHEN PLAN** POWER

ISSU	ANCE	
No.	Description	Date
	PHASE 2 DD SET	04/25/18
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	PHASE 2 BID SET	10/08/18
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	CONFORMED SET	10/07/19
	CCD 12	11/25/19
	CCD 13	12/10/19
	NEW OFFICE	03/09/20
	RECORD DOCUMENTS	06/02/20
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PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH





ELEVATOR NOTES:

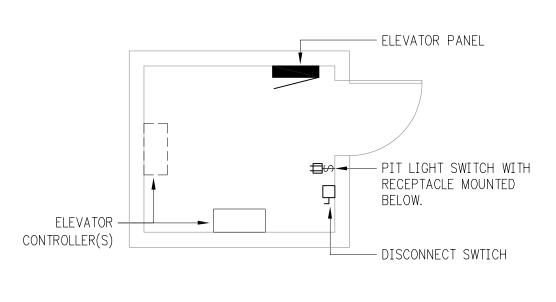
1. CONTRACTOR TO COORDINATE FINAL LOCATION OF DEVICE(S) WITH ELEVATOR SUPPLIER.

ELEVATOR DETAIL NOTES:

PROVIDE TELEPHONE LINE TO ELEVATOR AND DIAL TELEPHONE IN ELEVATOR MACHINE ROOM. MIN. 1"C. TO MAIN TELEPHONE TERMINAL BOARD.

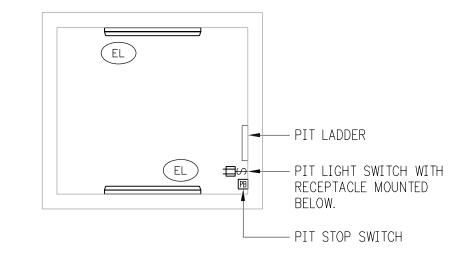
- 2>> COORDINATE AND LOCATE PIT LIGHTS, HOISTWAY LIGHTS AND RECEPTACLE(S) AS RECOMMENDED BY ELEVATOR CONTRACTOR. PIT/HOISTWAY LIGHTS TO BE: 4'-0" SURFACE MOUNTED LED FIXTURE. VAPORTIGHT, NON-MATALIC, NEMA 4X, ACRYLIC RIBBED LENS, 5000K, 7000 LUMENS, ILP LIGHTING, WTZ SERIES OR EQUAL.
- 3> PROVIDE HEAT DETECTORS IN ELEVATOR MACHINE ROOM AND ELEVATOR SHAFT-MAXIMUM 18" FROM SPRINKLER HEAD. LABEL "ELEVATOR CONTROL ONLY - DO NOT TEST". INTERCONNECT SHUNT TRIP DEVICE SUPPLYING ELEVATOR POWER WITH THESE DETECTORS.
- 4 CONNECT FOR ELEVATOR RECALL.
- 5> MOUNT ELEVATOR MAIN DISCONNECT IMMEDIATELY ADJACENT TO DOOR. PROVIDE CONTROL TRANSFORMER TO SUPPLY POWER TO HEAT DETECTORS & SHUNT TRIP, NEMA 1 ENCLOSURE. PROVIDE AUX, DRY CONTACTS FOR AUTOMATIC BACKDOWN FEATURE. COORDINATE REQUIREMENTS WITH ELEVATOR SUPPLIER.
- 6 CAB LIGHTS AND FAN, EXACT LOCATION TO BE COORDINATED WITH ELEVATOR SUPPLIER. PROVIDE LOCKABLE TYPE DISCONNECTING MEANS IN MACHINE ROOM.
- DUVER DAMPER. MAKE CONNECTION TO FIRE ALARM CONTROL PANEL TO OPEN ON ALARM, PER WAC 296-96-02570. COORDINATE LOCATION AND REQUIREMENTS WITH GENERAL CONTRACTOR.

ELEVATOR POWER & FIRE ALARM WIRING DIAGRAM NOT TO SCALE



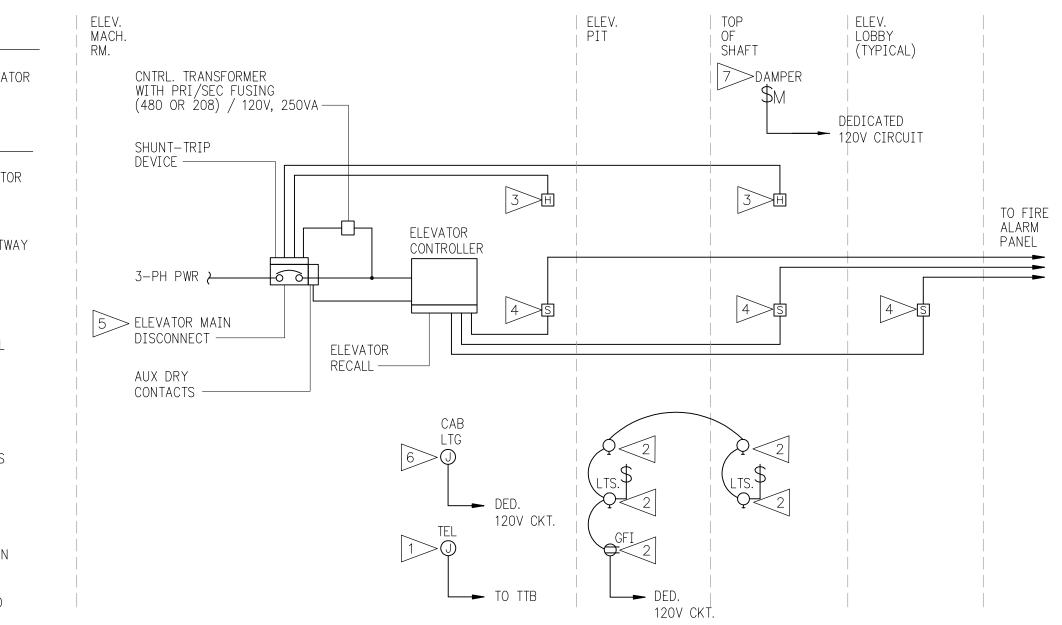
<u>NOTE:</u> FINAL LOCATIONS OF DEVICES SHOWN ARE DIAGRAMMATIC AND ARE TO BE COORDINATED WITH ELEVATOR SUPPLIER PRIOR TO INSTALLATION

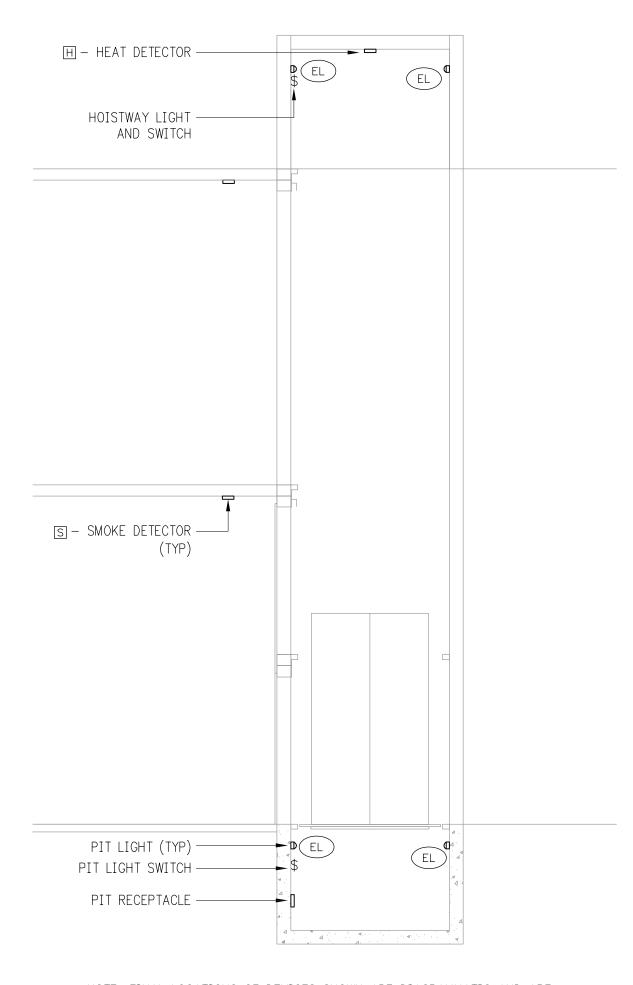




<u>NOTE:</u> FINAL LOCATIONS OF DEVICES SHOWN ARE DIAGRAMMATIC AND ARE TO BE COORDINATED WITH ELEVATOR SUPPLIER PRIOR TO INSTALLATION

TYPICAL - ELEVATOR PIT DETAIL NOT TO SCALE





<u>NOTE:</u> FINAL LOCATIONS OF DEVICES SHOWN ARE DIAGRAMMATIC AND ARE TO BE COORDINATED WITH ELEVATOR SUPPLIER PRIOR TO INSTALLATION

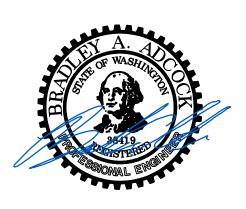
TYPICAL - ELEVATOR SHAFT DETAIL

NOT TO SCALE









TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

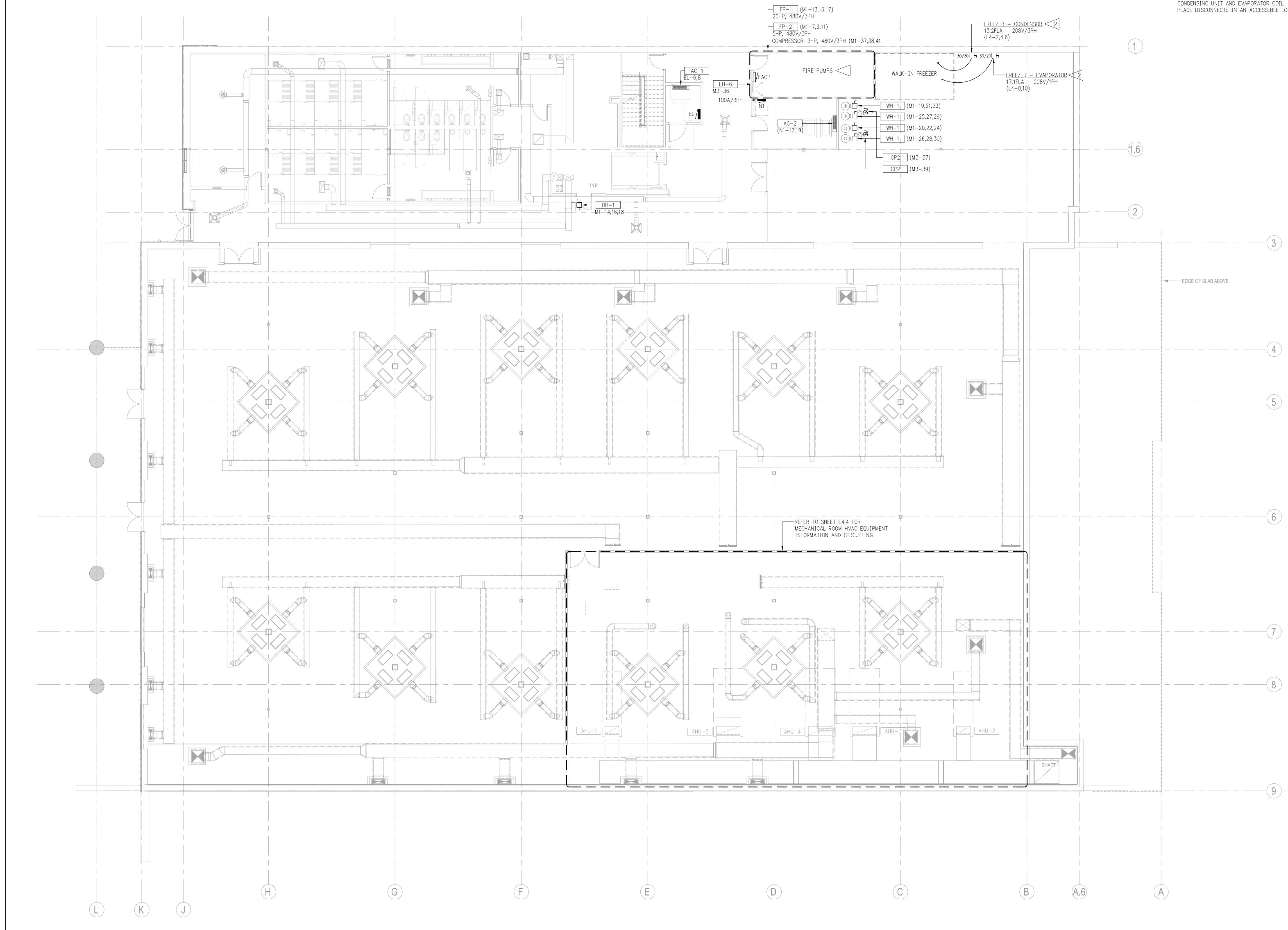
ELEVATOR DETAILS

о.	Description	Date
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17031
RD
KH







LOWER LEVEL PLAN - HVAC

GENERAL NOTES:

1. REFER TO SHEET E4.4 FOR HVAC/MECHANICAL EQUIPMENT SCHEDULES AND ELECTRICAL CONNECTIONS.

DETAIL NOTES:

- CONTRACTOR SHALL CONFIRM FIRE PUMP MOTOR SIZES. SYSTEM INCLUDES (1) 20HP PUMP, (1) 5HP PUMP, AND (1) 3HP COMPRESSOR.
- PROVIDE CONNECTION FOR OWNER PROVIDED FREEZER UNIT. COORDINATE AND PROVIDE DISCONNECTING MEANS FOR CONDENSING UNIT AND EVAPORATOR COIL. CONTRACTOR SHALL PLACE DISCONNECTS IN AN ACCESSIBLE LOCATION.









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PHASE 2 - BUILDING AND LANDSCAPING

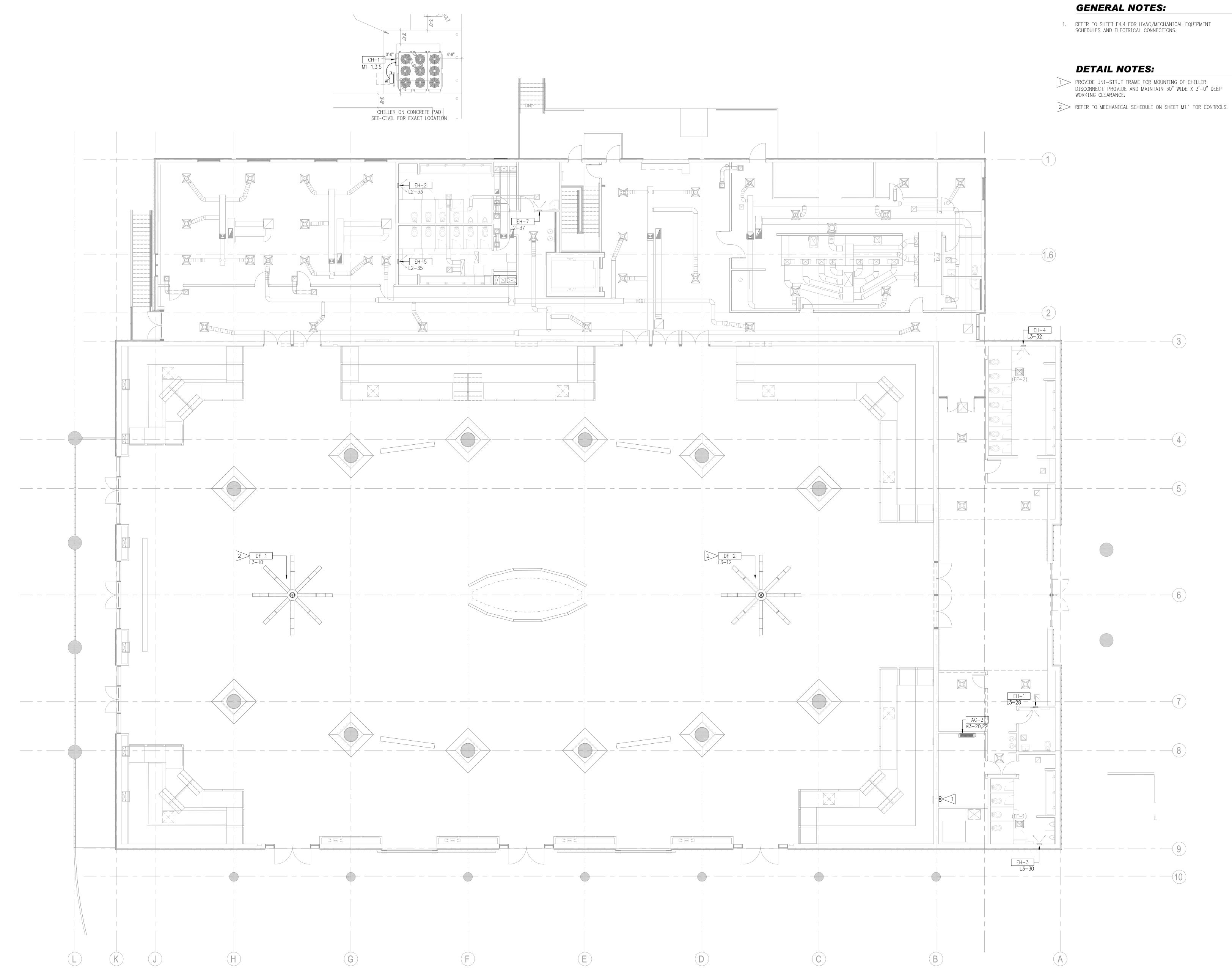
LOWER LEVEL FLOOR PLAN HVAC

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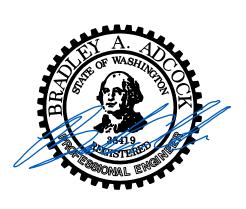
MAIN LEVEL PLAN - HVAC





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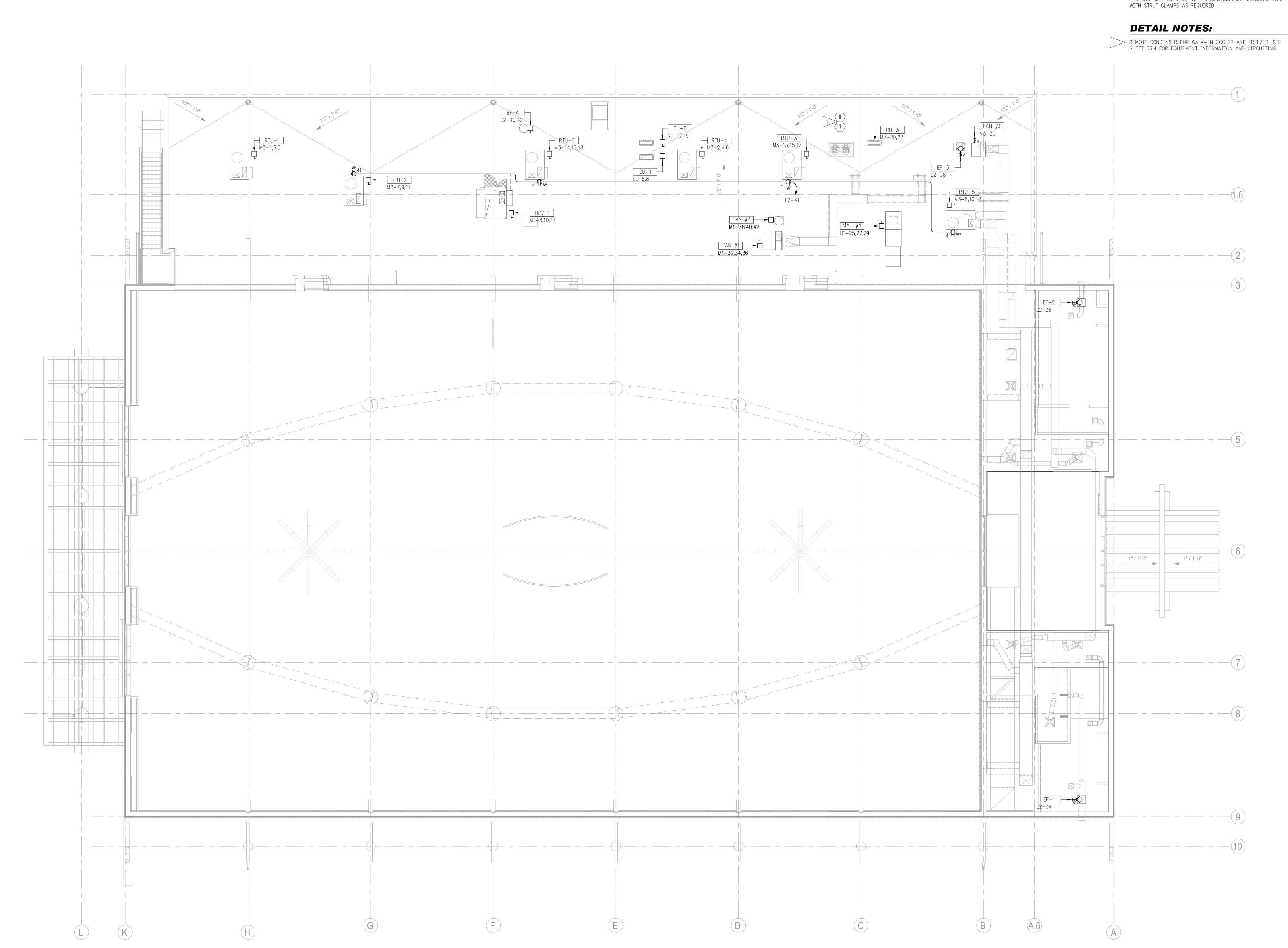
MAIN LEVEL FLOOR PLAN HVAC

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ROOF PLAN - HVAC

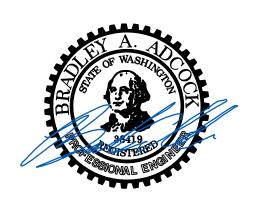
GENERAL NOTES:

- 1. REFER TO SHEET E4.4 FOR HVAC/MECHANICAL EQUIPMENT SCHEDULES AND ELECTRICAL CONNECTIONS.
- 2. IN GENERAL CONDUITS SHALL NOT BE ROUTED ON ROOF, UNLESS OTHERWISE APPROVED BY ARCHITECT/OWNER.
- EXPOSED CONDUIT ON ROOF SHALL BE MOUNTED TO MIN. 4" PYRAMID-SHAPED BASE WITH STRUT. SUPPORT CONDUIT, PIPE WITH STRUT CLAMPS AS REQUIRED.









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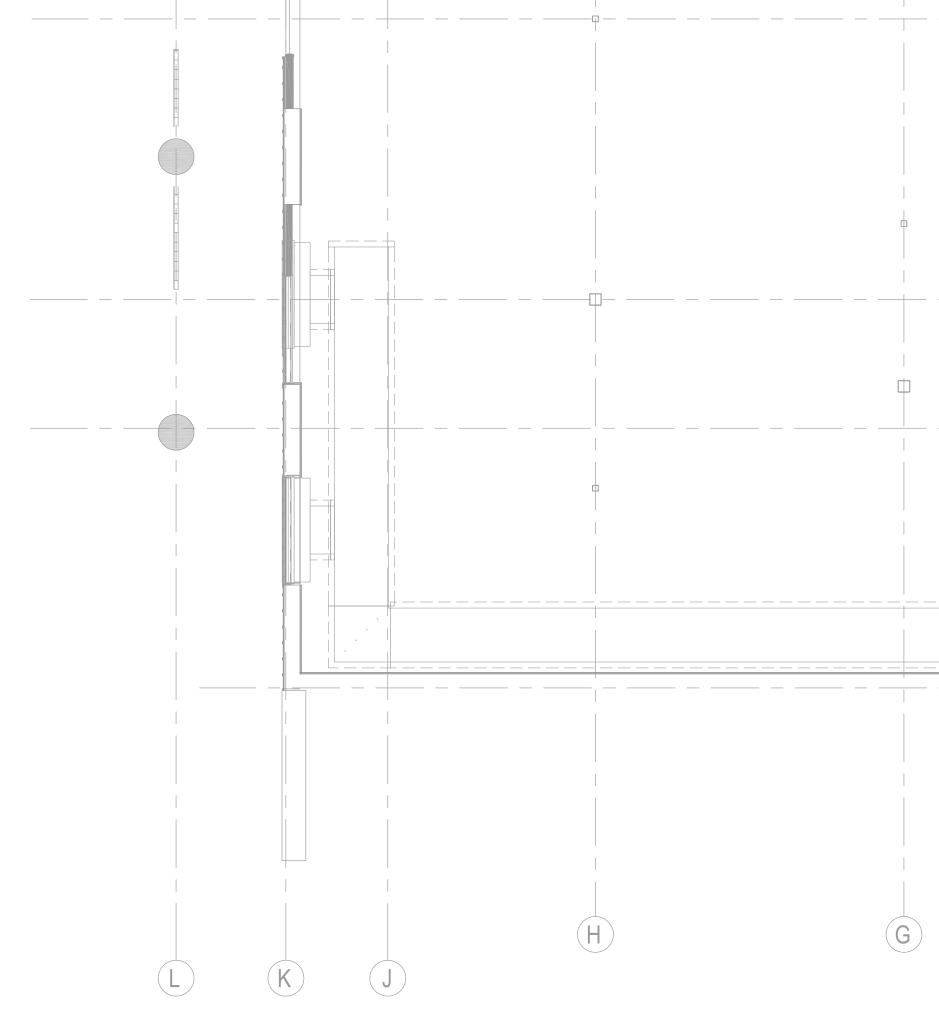
ROOF PLAN HVAC

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	RECORD DOCUMENTS	06/02/20

PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH







		EQ	UIPM	ENT FE	EDER	SCHE	DULE	- SHEET E4.2		
	EQUIPMENT	VOLT/PHASE	HP	WATTS	KW	FLA	MCA	STARTER/DISC	FEEDER	
	AIR-COOLED	CHILLER	_							+
	CH-1	480/3	-	-	-	185.1	192	DISC-200A/200A	2-1/2"C-4#3/0, 1#6 GND	
-	ELECTRICAL	1 1							-	
	EH-1	120/1	-	1000	-	-	-	CONNECTION	3/4"C-2#12, 1#12 GND	
	EH-2	120/1	-	1250	-	-	-	CONNECTION	3/4"C-2#12, 1#12 GND	
	EH-3	120/1	-	1250	-		-	CONNECTION	3/4"C-2#12, 1#12 GND	
	OVERHEAD F	AN	-		-	-	_			+
	DF-1	120/1	*	-	4	10		MANUAL	3/4"C-2#12, 1#12 GND	
	DF-2	120/1	-	-	-	10	-	MANUAL	3/4"C-2#12, 1#12 GND	
-	Notes:	11					_	(M.C D	IVISION 15, E.C DIVISIO	N 1
	MOTOR START	ER / DISCONNEC	T SWIT	CH BY E.	C.					
		MANUAL - 120V M	ANUAL	MOTORS	TARTER	2				
		COMBO - COMBI	NATION	FUSED DI	SCONN	ECT/MA	GNETIC	MOTOR STARTER		
		DISC - FUSED DI	SCONN	ECT SWIT	CH					
2	VFD BY M.C. II	ISTALLATION AN	D WIR	ING BY E.	C.					
	INTERLOCK WI	RING BY E.C. AS	DIRE	CTED BY I	M.C.					
	DUCT SMOKE [DETECTORS BY M	M.C. IN	STALLAT	ON, CO	ONTROL	WIRING	, CONNECTIONS		
	TO FACP BY E.	C.								
	OUTDOOR EQU	IPMENT SHALL E	BE NEM	MA 3R.						
5_	STARTERS FOR	REQUIPMENT ON	I EMER	RGENCY/S	TAND-	BY SYST	EMS S	HALL NOT HAVE		
	HOA SWITCH (C	OFF POSITION IS	NOT A	LLOWED	PERC	ODE).				

	EQ	UIPM	ENT FE	EDER	SCHE	DULE	- SHEET E4.1	
EQUIPMENT	VOLT/PHASE	HP	WATTS	ĸw	FLA	MCA	STARTER/DISC	FEEDER
ELECTRICAL	HEATER			_	-	-		
EH-4	120/1	-	1250	-	-	-	CONNECTION	3/4"C-2#12, 1#12 GND
SPLIT SYSTE		-						
CU-1	208/1	-	-		-	16.2	DISC-30A/30A	1"C-3#10, 1#10 GND
AHU-1	-	-	-	-	-	1	CONNECTION	Powered thru CU-1
PUMPS								
(2) CP2	120/1	1	-	-	-	-	MANUAL	3/4"C-2#12, 1#12 GND
WATER HEAT				-			DI C.C. C.C.L. 100.1	
(4) WH1	480/3	-	-	9	-	-	DISC-30A/20A	3/4"C-4#12, 1#12 GND
FREEZER (B	ASEMENT)							
CONDENSOR	208/3	-		-	13.2	1.1	DISC-30A/30A	1"C-4#10, 1#10 GND
EVAP. COIL	208/1	-	-	-	17.1	-	DISC-30A-20A	3/4"C-3#12, 1#12 GND
Notes	Street of Landa	5.00					(M.C I	DIVISION 15, E.C DIVISION 1
MOTOR START	ER / DISCONNEC	T SWIT	TCH BY E.	C.				
	MANUAL - 120 VI	ANUAL	MOTOR S	TARTER	2			
	COMBO - COMBI	NATION	FUSED DI	SCONN	ECT/M	AGNETIC	MOTOR STARTER	
	DISC - FUSED DI	SCONN	NECT SWIT	CH				
VFD BY M.C. I	NSTALLATION AN	D WIR	ING BY E.	C.		_		
	RING BY E.C. AS							
DUCT SMOKE	DETECTORS BY I	M.C. IN	STALLAT	ION, CO	ONTROL	WIRING	, CONNECTIONS	
TO FACP BY E	.C.							
OUTDOOR EQU	JIPMENT SHALL B	BENEN	MA 3R.					
STARTERS FO	R EQUIPMENT OF	EMER	RGENCY/S	TAND-	BY SYS	TEMS SH	HALL NOT HAVE	
HOA SWITCH (OFF POSITION IS	NOTA	LLOWED	PERC	ODE)			

	EQUIPMENT	VOLT/PHASE	HP	WATTS	KW	FLA	MCA	STAR TER/DISC	FEEDER
	ROOF TOP UN	NITS				-			
	RTU-1	208/3	0.25	12.4.5	10	-	41	DISC-60A/45A	1"C-4#8, 1#10 GND
******	RTU-2	208/3	0.25	-	10	-	41	DISC-60A/45A	1"C-4#8, 1#10 GND
	RTU-3	208/3	0.25		11.3	1. Sec	71.1	DISC-100A/80A	1"C-4#3, 1#8 GND
	RTU-4	208/3	0.25	-	13.5	-	88.3	DISC-100A/90A	1"C-4#3, 1#8 GND
	RTU-5	208/3	0.25	-	13.5	-	88.3	DISC-100A/90A	1"C-4#3, 1#8 GND
	RTU-6	208/3	0.25	-	10	20.40	41	DISC-60A/45A	1"C-4#8, 1#10 GND
_	HEAT RECOV	ERY VENTILATO	R						
-	HRV-1	480/3	3		-		10.5	DISC-30A/15A	3/4"C-3#14, 1#14 GND
-	EXHAUST FAI								
1	EF-1	120/1	1/4			5.8	-	MANUAL	3/4"C-2#12, 1#12 GND
	EF-2	120/1	1/4	-	-	5.8	-	MANUAL	3/4"C-2#12, 1#12 GND
	EF-3	120/1	1/6	-	-	4.4	-	MANUAL	3/4"C-2#12, 1#12 GND
	EF-4	208/1	1/4	-	-	3.2	-	DISC-30A/15A	3/4"C-3#12, 1#12 GND
-	SPLIT SYSTE	M HEAT PUMP							
	CU-1	208/1					16.2	DISC-30A/30A	1"C-3#10, 1#10 GND
	AHU-1	-	-	-	-	-	1	CONNECTION	Powered thru CU-1
	CU-2	208/1	-	-	-	-	16.2	DISC-30A/30A	1"C-3#10, 1#10 GND
	AHU-2	-	-	-	-	-	1	CONNECTION	Powered thru CU-1
	CU-3	208/1	-	-	-	-	19.5	DISC-30A/30A	1"C-3#10, 1#10 GND
	AHU-3	· · · ·	-	-	-	-	1	CONNECTION	Powered thru CU-1
	Notes:	1	1.10					(M.C 0	DIVISION 15, E.C DIVISIO
	MOTOR STARTE	R / DISCONNEC	TSWI	CH BY E.	C.				
******		MANUAL - 120VI	MANUAL	MOTOR S	TARTER				
******		COMBO - COMBI	NATION	FUSED DI	SCONN	ECT / MA	GNETIC	MOTOR STARTER	
		DISC - FUSED D	ISCONN	ECT SWIT	СН				
	VFD BY M.C. IN	STALLATION AN	DWR	NG BY E.	C.				
	INTERLOCK WIF	RING BY E.C. AS	DIRE	TED BY M	1.C.				
•	DUCT SMOKE D	ETECTORS BY	M.C. IN	STALLAT	ON, CC	NTROL	WIRING	, CONNECTIONS	
	TO FACP BY E.	C.				anne ina			
	OUTDOOR EQU	PMENT SHALL	BE NEN	1A 3R.					
	STARTERS FOR				TAND-E	SY SYST	TEMS SH	HALL NOT HAVE	
******	HOA SWITCH (C	OFF POSITION IS	NOT A	LLOWED	PER CO	DDE).			

	EQUIPMENT FEEDER SCHEDULE - E4.3 KITCHEN							
EQUIPMENT	VOLT/PHASE	HP	WATTS	KW	FLA	MCA	STARTER/DISC	FEEDER
MAKE-UP AIR	UNIT (KITCHEN	4)						
MAU #4 (FAN)	480/3	10	-	-	12.2	-	DISC-30A/25A	1"C-4#12, 1#12 GND
MAU #4 (HEAT)	480/3	-	-	122	146.7	-	DISC-200A/200A	2-1/2"C-4#3/0, 1#6 GND
HOOD EXHAU	ST FANS (KITC	HEN)	1 1					
FAN #1	480/3	5	-	-	7.2	-	DISC-30A/15A	3/4"C-4#14, 1#14 GND
FAN #2	120/1	0.33	-	-	4.4	-	MANUAL	3/4"C-2#14, 1#14 GND
FAN #3	480/3	1.5	-	-	2	-	DISC-30A/15A	3/4"C-4#14, 1#14 GND
Notes							(M.C [DIVISION 15, E.C DIVISIO
1 MOTOR STARTE								
	MANUAL - 120VI							
	***************************************				ECT/MA	GNETIC	MOTOR STARTER	
	DISC - FUSED D							
2 VFD BY M.C. IN								
3 INTERLOCK WIR 4 DUCT SMOKE D						MIDING	CONNECTIONS	
TO FACP BY E.		W.C. IN	IS IALLA II	ON, CO	JNTROL	WIRdive	, CONNECTIONS	
5 OUTDOOR EQUI								

	M2-		<u>B</u> M2-14	1	M:	P-2A 2-25,27,29
					P-2B 2-32,34,36	
 				MECHANICAL		
				AHU-4 M2-13,15,17		
		FUTURE AHU FOR BASEMENT	<u> </u> _			
	 AHU-1 M2-1,3,5			AHU-5 2-8,10,12		
	54"w X 60"t					
F	E					C

LOWER LEVEL PLAN - MECHANICAL ROOM HVAC

	1							
EQUIPMENT	VOLT/PHASE	HP	WATTS	KW	FLA	MCA	STARTER/DISC	FEEDER
AIR HANDLIN	G UNIT							
AHU-1							1-3-2-2-2-2-2	
SUPPLY FAN	480/3	(2) 3.3	-	-	-	-	DISC-30A/20A	3/4"C-4#12, 1#12 GND
AHU-2		1.1.1						
SUPPLY FAN	480/3	(2) 3.3	-	-	-	-	DISC-30A/20A	3/4"C-4#12, 1#12 GND
AHU-3								
SUPPLY FAN	480/3	(2) 3.3	100 / H	-	-		DISC-30A/20A	3/4"C-4#12, 1#12 GND
AHU-4								
SUPPLY FAN	480/3	(2) 3.3	-	-	-	-	DISC-30A/20A	3/4"C-4#12, 1#12 GND
AHU-5								
SUPPLY FAN	480/3	(2) 3.3	-	-	-	-	DISC-30A/20A	3/4"C-4#12, 1#12 GND
HYDRONIC C	OOLING & HEAT	ING PU	MP			-		
P-1A	480/3	5			7.6		DISC-30A/15A	3/4"C-4#14, 1#14 GND
P-1B	480/3	5	10 0 - 2	-	7.6	-	DISC-30A/15A	3/4"C-4#14, 1#14 GND
P-2A	480/3	0.5		-	1.1	-	DISC-30A/15A	3/4"C-4#14, 1#14 GND
P-2B	480/3	0.5	-	-	1.1	-	DISC-30A/15A	3/4"C-4#14, 1#14 GND
BOILER						_		
B-1	480/3		-	105	126	-	DISC-200A/160A	2-1/2"C-4#3/0, 1#6 GND
Notes:		-		1		-	(M.C. F	DIVISION 15, E.C DIVISIO
	ER / DISCONNEC	TSWIT	CHBYE	C			(11.0 1	51116101 15, E.C DIVISIO
	MANUAL - 120V)			
						GNETIC	MOTOR STARTER	
	DISC - FUSED D							
	ISTALLATION A							
	RING BY E.C. A	and the second se	and the second se					
					NTRO	WIRING	CONNECTIONS	
TO FACP BY E.			S IN LENTIN		- TITOL			

STARTERS FOR EQUIPMENT ON EMERGENCY/STAND-BY SYSTEMS SHALL NOT HAVE HOA SWITCH (OFF POSITION IS NOT ALLOWED PER CODE).

GENERAL NOTES:

1. ALL DISCONNECT LOCATIONS ARE TO BE CONFIRMED WITH ELECTRICAL CONTRACTOR. LOCATIONS SHALL BE DETERMINED BY APPROXIMATE EQUIPMENT LOCATION AND APPROPRIATE WORKING CLEARANCES DETERMINED BY NEC.

DETAIL NOTES:

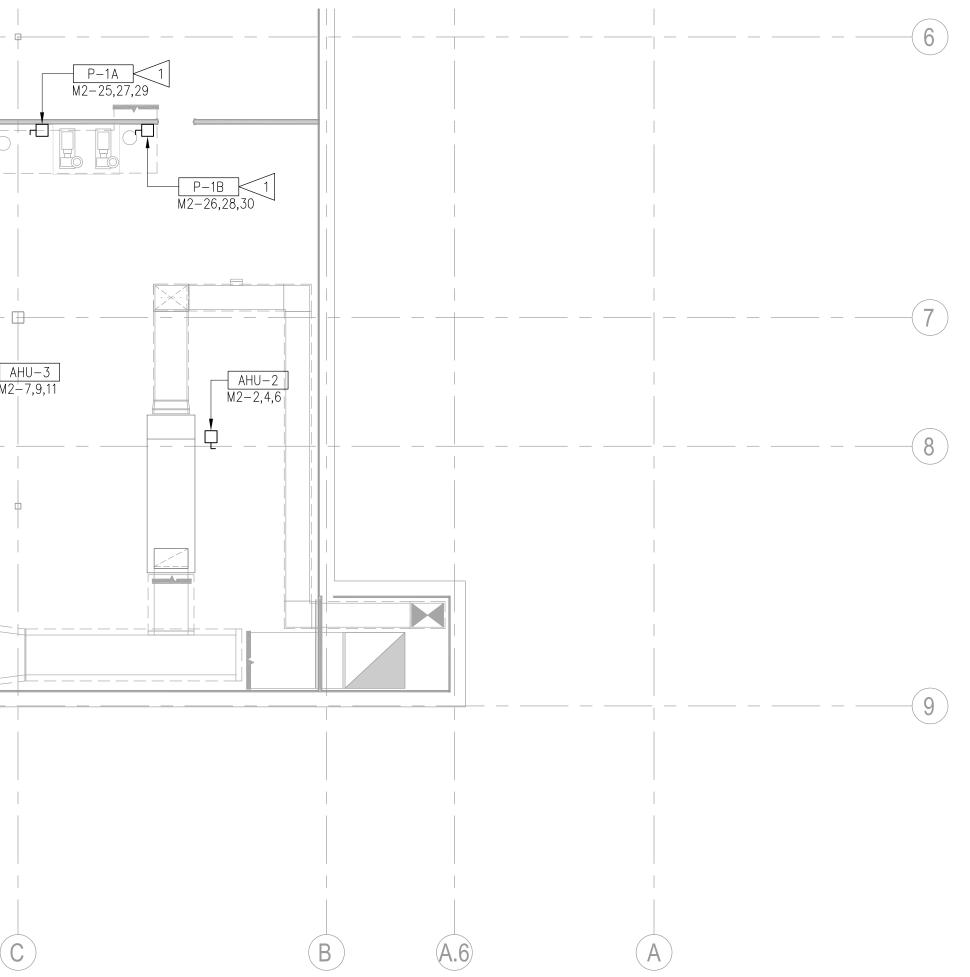
1 PUMP TO BE PROVIDED WITH VFD. PROVIDED BY MECHANICAL CONTRACTOR, AND INSTALLED BY ELECTRICAL CONTRACTOR.

MECHANICAL / ELECTRICAL COORD.

UNLESS OTHERWISE INDICATED, ALL MECHANICAL EQUIPMENT MOTORS AND CONTROLS SHALL BE FURNISHED, SET IN PLACE AND WIRED IN ACCORDANCE WITH DIVISION 15 OR 16, SEE BELOW

LINE VOLTAGE - HVAC CONTROLS AND INTERLOCKS: CONDUIT, CONDUCTORS AND CONNECTIONS BY ELECTRICAL CONTRACTOR.

LOW VOLTAGE - HVAC CONTROLS AND INTERLOCKS: CONDUIT BY ELECTRICAL CONTRACTOR, CONDUCTORS AND CONNECTIONS BY MECHANICAL CONTRACTOR





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TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

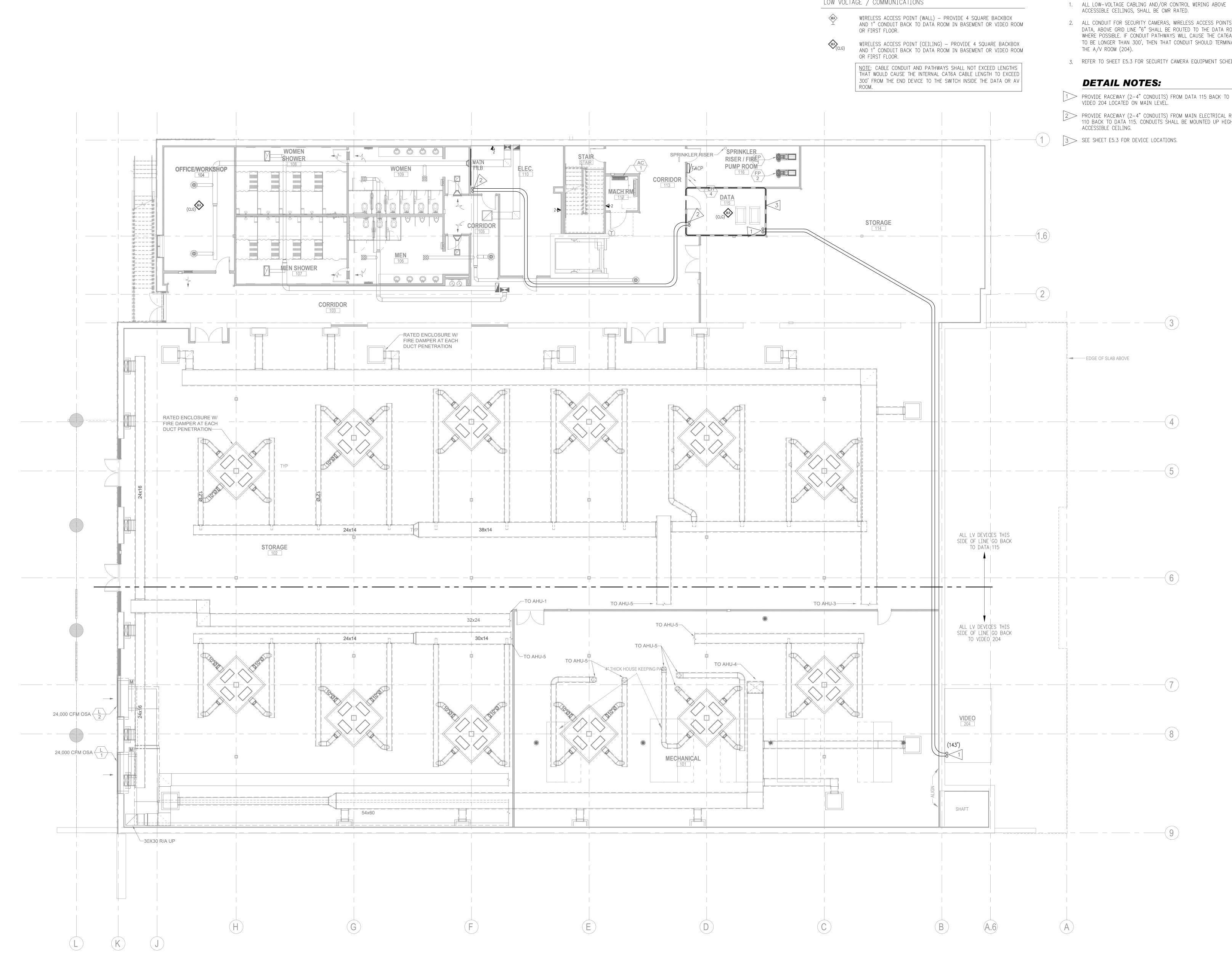
LOWER LEVEL MECHANICAL ROOM POWER

o.	ANCE Description	Date
	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	ADDENDUM 6	12/14/18
	CONSTRUCTION SET	03/13/19
	CONFORMED SET	10/07/19
	CCD 12	11/25/19
	CCD 13	12/10/19
	NEW OFFICE	03/09/20
	RECORD DOCUMENTS	06/02/20

PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH







LOWER LEVEL PLAN - SPECIAL SYSTEMS



- 2. ALL CONDUIT FOR SECURITY CAMERAS, WIRELESS ACCESS POINTS, AND DATA, ABOVE GRID LINE "6" SHALL BE ROUTED TO THE DATA ROOM (110) WHERE POSSIBLE. IF CONDUIT PATHWAYS WILL CAUSE THE CAT6A CABLES TO BE LONGER THAN 300', THEN THAT CONDUIT SHOULD TERMINATE IN
- 3. REFER TO SHEET E5.3 FOR SECURITY CAMERA EQUIPMENT SCHEDULE.

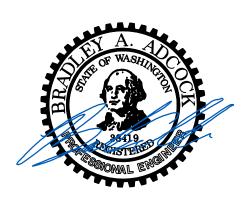
GENERAL NOTES:

- PROVIDE RACEWAY (2–4" CONDUITS) FROM DATA 115 BACK TO VIDEO 204 LOCATED ON MAIN LEVEL.
- PROVIDE RACEWAY (2-4" CONDUITS) FROM MAIN ELECTRICAL ROOM 110 BACK TO DATA 115. CONDUITS SHALL BE MOUNTED UP HIGH IN



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TULALIP TRIBES **GATHERING HALL** 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

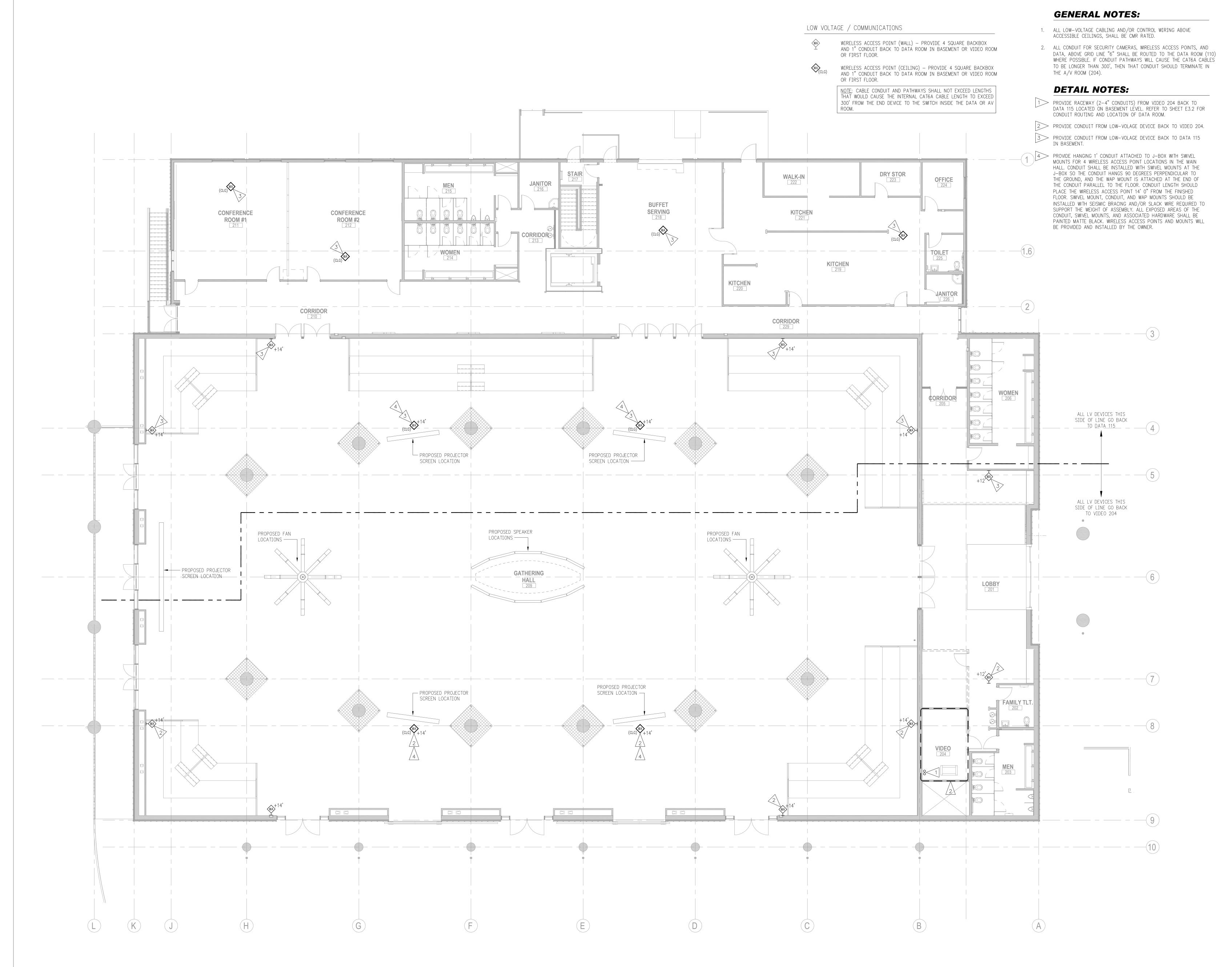
LOWER LEVEL FLOOR PLAN SPECIAL SYSTEMS

No.	Description	Date
	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	ADDENDUM 6	12/14/18
	CONSTRUCTION SET	03/13/19
	CONFORMED SET	10/07/19
	CCD 12	11/25/19
	CCD 13	12/10/19
	NEW OFFICE	03/09/20
	RECORD DOCUMENTS	06/02/20

PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH





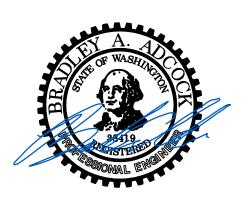


MAIN LEVEL PLAN - SPECIAL SYSTEMS



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TULALIP TRIBES **GATHERING HALL** 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

MAIN LEVEL FLOOR PLAN SPECIAL SYSTEMS

lo.	Description	Date
	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	ADDENDUM 6	12/14/18
	CONSTRUCTION SET	03/13/19
	CONFORMED SET	10/07/19
	CCD 12	11/25/19
	CCD 13	12/10/19
	NEW OFFICE	03/09/20
	RECORD DOCUMENTS	06/02/20

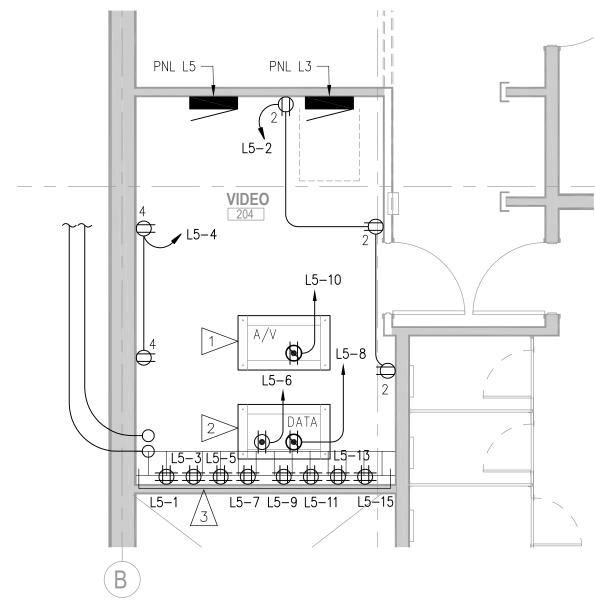
PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH



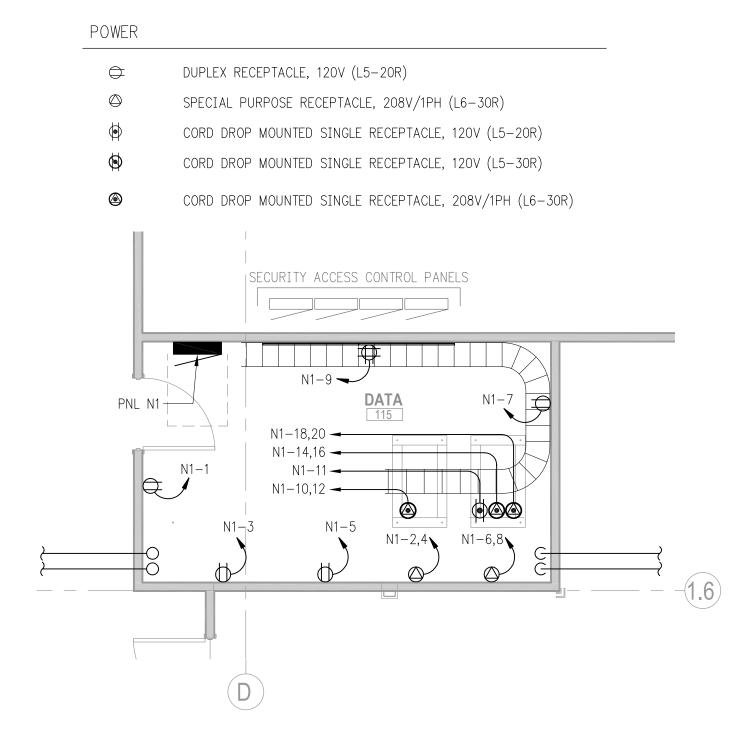




- ALL CONDUITS AND CABLING FOR AUDIO/VISUAL SYSTEM SHALL GO BACK TO "A/V" RACK. REFER TO AUDIO/VISUAL SHEETS, FOR CONDUIT REQUIREMENTS.
- ALL CONDUIT FOR DATA OUTLETS, WIRELESS ACCESS POINTS, AND CAMERA SYSTEMS DESTINED FOR THE VIDEO ROOM (204) SHALL GO BACK TO THE "DATA" RACK.
- 3 COORDINATED EXACT LOCATIONS AND MOUNTING HEIGHTS WITH WHITLOCK.



ENLARGED PLAN - VIDEO 204 SCALE: 1/4" = 1'-0"

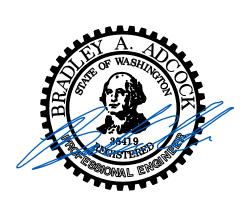






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TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

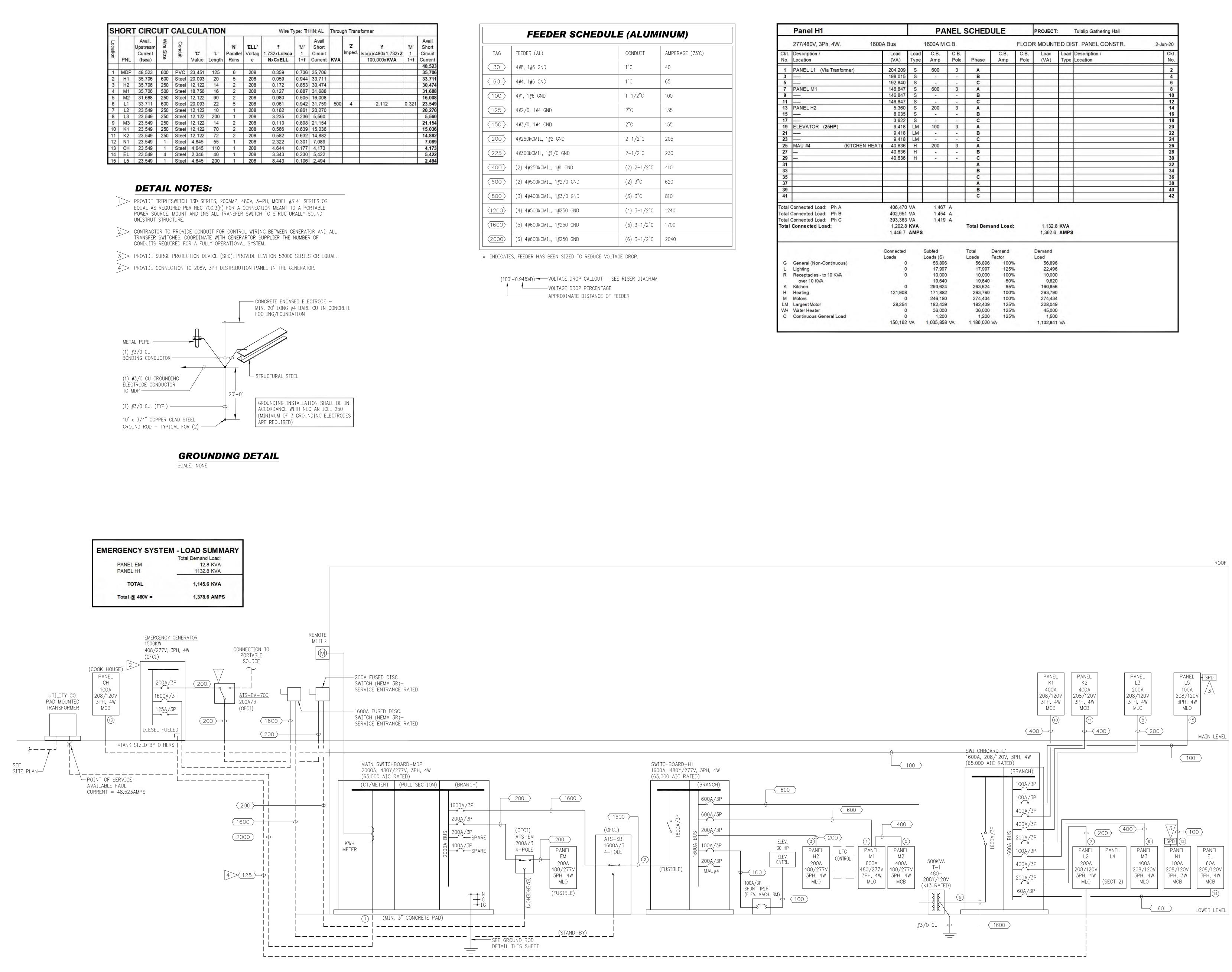
SPECIAL SYSTEMS DETAILS

о.	Description	Date
	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	ADDENDUM 6	12/14/18
	CONSTRUCTION SET	03/13/19
	CONFORMED SET	10/07/19
	CCD 12	11/25/19
	CCD 13	12/10/19
	NEW OFFICE	03/09/20
	RECORD DOCUMENTS	06/02/20

PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH







ONE-LINE DIAGRAM

		Avail
۴	'M'	Short
lsc(p)x480x1.732xZ	1	Circuit
100,000x KVA	1+f	Current
		48,523
		35,706
)	1	33,711
		30,474
	[31,688
		16,008
2.112	0.321	23,549
	1	20,270
	1	5,560
		21,154
		15,036
		14,882
		7,089
	1	4,173
		5,422
		2,494

	FEEDER SCHEDUL	E (ALUM	INUM)
TAG	FEEDER (AL)	CONDUIT	AMPERAGE (75°C)
30	4#8, 1#6 GND	1"C	40
60	4#4, 1#6 GND	1"C	65
(100)	4#1, 1#6 GND	1-1/2"C	100
(125)	4#2/0, 1#4 GND	2"C	135
(150)	4#3/0, 1#4 GND	2"C	155
(200)	4#250kCMIL, 1#2 GND	2-1/2"C	205
(225)	4#300kCMIL, 1#1/0 GND	2-1/2"C	230
400	(2) 4#250kCMIL, 1#1 GND	(2) 2-1/2"C	410
(600)	(2) 4#500kCMIL, 1#2/0 GND	(2) 3°C	620
 800>	(3) 4#400kCMIL, 1#3/0 GND	(3) 3"C	810
(1200)	(4) 4#500kCMIL, 1#250 GND	(4) 3-1/2"C	1240
(1600)	(5) 4#600kCMIL, 1#250 GND	(5) 3-1/2"C	1700
(2000)	(6) 4#600kCMIL, 1#250 GND	(6) 3-1/2"C	2040

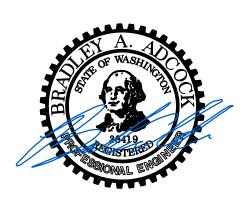
ing Hall	Tulalip Gathering Hall		PROJECT:		LE	SCHED	NEL S	PA				Panel H1	
ONSTR. 2-Jun-20	IST. PANEL CONSTR.						с.в.	1600A M.C		ABus	V. 1600,	277/480V, 3Ph, 4W.	
Cki	Description / Location		Load (VA)	C.B. Pole	C.B. Amp	Phase	C.B. Pole	C.B. Amp	Load Type	Load (VA)		Description / Location	Ckt. No.
2						A	3	600	S	204,209	nformer)	PANEL L1 (Via Tranfo	1
4						B	-	-	S	198,015	nonnery		3
6				-		c	-	-	S	192,840			5
8				-		A	3	600	S	146,847		PANEL M1	7
10				-		В	-	-	S	146,847			9
12		-				С	-	-	S	146,847		<u></u>	11
14		1			1	A	3	200	S	5,360		PANEL H2	13
16	1					В	-	-	S	8,035			15
18						С	-	÷	S	3,622			17
20						Α	3	100	LM	9,418)	ELEVATOR (25HP)	19
22						В		-	LM	9,418			21
24	1					С	Ξ,	-	LM	9,418	San San Tak		23
26						Α	3	200	н	40,636	(KITCHEN HEAT)	MAU #4	25
28						В	-		H	40,636		<u></u>	27
30						С	-	÷	н	40,636			29
32						Α							31
34						В			1				33
36						С			1.	· · · · · · · · · · · · · · · · · · ·			35
38		· · · · · · · · ·				Α			1				37
40						В			1				39
42				_		С							41
								1,467 1,454		406,470 402,951		Connected Load: Ph A Connected Load: Ph B	
								1,419		393,363		Connected Load: Ph C	
		KVA	1,132.8		d Load:	Total Dem				1,202.8		Connected Load:	
	5		1,362.6							1,446.7			
			Demand	-	emand	Total		Subfed		Connected			
			Load		ctor			oads (S)		Loads			
			56,896		100%	56,896		56,896		0	ous)	General (Non-Continuou	G
			22,496		125%	17,997		17,997		0	1.20	Lighting	L
			10,000		100%	10,000		10,000		0	VA	Receptacles - to 10 KVA	R
			9,820		50%	19,640		19,640				over 10 KVA	
			190,856		65%	293,624		293,624		0		Kitchen	к
			293,790		100%	293,790		171,882		121,908		Heating	н
			274,434		100%	274,434		246,180		0		Motors	М
			228,049		125%	182,439		182,439		28,254		Largest Motor	LM
			45,000		125%	36,000		36,000		0		Water Heater	WH
			1,500		125%	1,200	1/0	1,200	1/4	150 162	oad	Continuous General Loa	С
		VA	1,132,841			1,186,020	VA	1,035,858	VA	150,162			



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TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

ELECTRICAL **ONE-LINE** DIAGRAM

No.	IANCE Description	Date
NO.	PHASE 2 DD SET	04/25/18
	PHASE 2 DD SET PHASE 2 PERMIT ISSUANCE	
		08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	ADDENDUM 6	12/14/18
	CONSTRUCTION SET	03/13/19
	CONFORMED SET	10/07/19
	CCD 12	11/25/19
	CCD 13	12/10/19
	NEW OFFICE	03/09/20
	RECORD DOCUMENTS	06/02/20

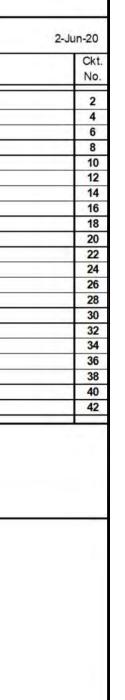
PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH



	Panel H1	[PA	NEL	SCHED	ULE		PROJECT	<u>.</u>	Tulalip Gathering Hall
	277/480V, 3Ph, 4W. 1600	A Bus		1600A M.	С.В.			FLOC	R MOUNT		ST. PANEL CONSTR.
Ckt.	Description /	Load	Load	C.B.	C.B.		C.B.	C.B.	Load		Description /
No.	Location	(VA)	Туре	Amp	Pole	Phase	Amp	Pole	(VA)	Туре	Location
1	PANEL L1 (Via Tranformer)	204,209	S	600	3	A	1				
3		198,015	S		-	B		-			
5		192,840	S		-	c					
7	PANEL M1	146,847	S	600	3	A					1.1
9		146,847	S		-	В		1			-
11		146.847	S	-	-	C		-		-	
13	PANEL H2	5,360	S	200	3	A		-			
15		8.035	S		-	В					
17		3,622	S	-	-	C			-		
19	ELEVATOR (25HP)	9,418	LM	100	3	A					
21		9,418	LM	-	-	В					
23		9,418	LM		-	C					
25	MAU #4 (KITCHEN HEAT)	40,636	Н	200	3	A		-			
27		40,636	н	-		В	-			-	
29		40,636	н			C	1				
31		10,000				A		-			
33					-	В					
35			-	-	-	C	-	-	-		
37						A		-			
39		-	-			B		-	-		
41	-	-	-		-	c		1	-	-	
							1	1	1		
otal	Connected Load: Ph A	406,470	VA	1,467	A						
otal	Connected Load: Ph B	402,951	VA	1,454	A						
otal	Connected Load: Ph C	393,363	VA	1,419	A						
otal	Connected Load:	1,202.8	KVA			Total Dem	and Load		1,132.8	KVA	
		1,446.7	AMPS	i					1,362.6	AMPS	5
-		_				_	_			-	
		Connected		Subfed		Total	Demand		Demand		
5.1		Loads		Loads (S)		Loads	Factor		Load		
	General (Non-Continuous)					56,896			56,896		
L	Lighting	0		17,997		17,997			22,496		
R	Receptacles - to 10 KVA	0		10,000		10,000			10,000		
к	over 10 KVA Kitchen	0		19,640 293,624		19,640 293,624			9,820 190,856		
	Heating	121,908		171,882		293,024			293,790		
H	Motors	121,900		246,180		295,790			293,790		
LM	Largest Motor	28,254		182,439		182,439			228,049		
WH	Water Heater	20,234		36,000		36,000			45,000		
C	Continuous General Load	0		1,200		1,200			1,500		
-		150,162	1/0	1,035,858		1,186,020			1,132,841		

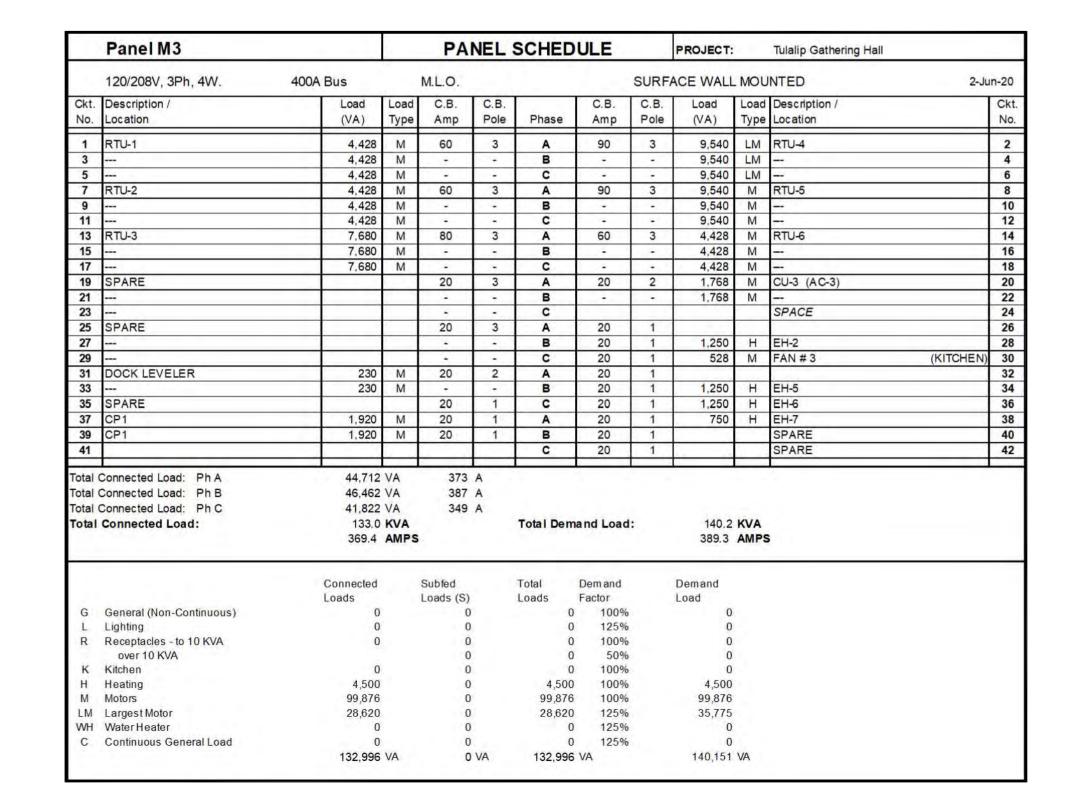
	Panel M2			PA	NEL	SCHED	ULE	11	PROJECT:		Tulalip Gathering Hall	
	277/480V, 3Ph, 4W. 400A B	us		400A M.	С.В.			SURF		TED		2-Jun-20
Ckt. No.	Description / Location	Load (VA)	Load Type	C.B. Amp	C.B. Pole	Phase	C.B. Amp	C.B. Pole	Load (VA)		Description / Location	Ck No
1	AHU-1	4,210	LM	20	3	A	20	3	4,210	М	AHU-2	2
3	-	4,210	LM	-	-	B	-	-	4,210	M		4
5		4,210	LM			c			4,210	M		6
7	AHU-3	4,210	M	20	3	A	20	3	4,210	M	AHU-5	8
9		4,210	M	-	-	B	-	-	4,210	M		1
11		4,210	M	-		c	1.	-	4,210	M		1
13	AHU-4	4,210	M	20	3	A	160	3	35,000	H	B-1	1
15	A110-4	4,210	M		-	В	-	-	35,000	н		1
17		4,210	M	-		C			35,000	н		1
19	SPARE (FUTURE AHU)	4,210	IVI	20	3	A	20	3	35,000		SPARE	20
_						B						2
21 23			_	•	-	c	-			-		2
		0.405		45		-			0.405			
25	P-1A	2,105	M	15	3	A	15	3	2,105	M	P-1B	20
27		2,105	M		-	В		-	2,105	М		23
29	-	2,105	M	-	-	c	-	-	2,105	М		30
31	P-2A	305	M	15	3	A	15	3	305	М	P-2B	33
33		305	M		•	В	•		305	М		34
35		305	M	-	-	C	•	-	305	М		30
37	SPARE			20	3	A	20	3		_	SPARE	31
39				•		В	•	-				40
41				-		c		-				42
otal otal	Connected Load: Ph A Connected Load: Ph B Connected Load: Ph C Connected Load:	60,870 60,870 60,870 182.6 219.6	VA VA KVA	220 220 220	A	Total Dem	and Loa	d:	185.8 223.4			
		Connected Loads		Subfed Loads (S)		Total Loads	Demand Factor		Demand Load			
G	General (Non-Continuous)	1.0		0			100%		0			
L	Lighting	0		0		0	125%		0			
R	Receptacles - to 10 KVA	0		0		0	100%		0			
	over 10 KVA			0		0	50%		0			
K	Kitchen	0		0		0	100%		0			
H	Heating	105,000		0		105,000	100%		105,000			
M	Motors	64,980		0		64,980	100%		64,980			
LM	Largest Motor	12,630		0		12,630	125%		15,788			
WH	WaterHeater	0		0		0	125%		0			
С	Continuous General Load	0 182,610		0	VA	0 182,610	125%	6	0 185,768			

	Panel L3		í	PA	NEL	SCHED	ULE		PROJECT		Tulalip Gathering Hall		
	120/208V, 3Ph, 4W. 200A	Bus		M.L.O.				SURF	ACE WALL MOUNTED 2-Jun-20				
	Description / Location	Load (VA)	Load Type	C.B. Amp	C.B. Pole	Phase	C.B. Amp	C.B. Pole	Load (VA)		Description / Location	Ckt. No.	
1	REC - MEN 203	540	R	20	1	A	20	1	1,200	G	REC - GATHERING HALL 209, FLOOR	2	
	REC - LOBBY 201, AUTODOORS	1,260	R	20	1	В	20	1	1,200	G	REC - GATHERING HALL 209, FLOOR	4	
	REC - WOMEN 206	360	R	20	1	c	20	1	360	R	REC - OFFICE, 204A	6	
	REC - LOBBY 201	720	R	20	1	A	20	1	900	G	REC - OFFICE, 204A, COPIER	8	
	REC - CORR. 205, 229	1,080	R	20	1	В	20	1	1,200	M	DF-1	10	
11	REC - GATHERING HALL 209	900	R	20	1	C	20	1	1,200	M	DF-2	12	
13	REC - GATHERING HALL 209	1,080	R	20	1	A	30	1	1		SPARE	14	
15	REC - GATHERING HALL 209, FLOOR	1,200	G	20	1	в	20	1	1		SPARE	16	
17	REC - GATHERING HALL 209, FLOOR	1,200	G	20	1	С	20	1	1,992	н	HAND-DRYER, MEN 203	18	
19	HAND-DRYER, WOMEN 206	1,992	н	20	1	A	20	1			SPARE	20	
_	MOTORIZED SHADE - SKYLIGHT	900	M	20	1	В	20	1	1,200	С	EXTERIOR SECURITY CABINET	22	
	MOTORIZED SHADES	1,200	M	20	1	C	30	2	1,475	G	REC - PROJECTOR	24	
	MOTORIZED SHADES	720	M	20	1	A			1,475	G		26	
27	REC - PROJECTOR	1,475	G	30	2	B	20	1	1,000	Н	EH-1	28	
29		1,475	G	-	-	c	20	1	1,250	н	EH-3	30	
31	REC - PROJECTOR	1,475	G	30	2	A	20	1	1,250	н	EH-4	32	
33		1,475	G	-	-	B	30	2	1,475	G	REC - PROJECTOR	34	
	SPARE		-	20	1	c		-	1,475	G		36	
	SPARE			20	1	A	30	2	1,475	G	REC - PROJECTOR	38	
	SPARE			20	1	B		-	1,475	G		40	
	SPARE			20	1	c			1,470		SPACE	42	
fotal (Connected Load: Ph A Connected Load: Ph B Connected Load: Ph C Connected Load:		VA	107 125 107	A	Total Den	nand Load	1:	41.0 113.8	KVA AMPS			
1		Connected Loads		Subfed Loads (S)		Total Loads	Dem and Factor		Demand Load				
G	General (Non-Continuous)	20,450		0		20,450			20,450				
L	Lighting	0		0)	C	125%		0				
R	Receptacles - to 10 KVA over 10 KVA	6,300		0		6,300 0			6,300 0				
к	Kitchen	0		0	S	0			0				
H	Heating	7,484		0		7,484			7,484				
M	Motors	5,220		0		5,220			5,220				
LM	Largest Motor	0		0		(0				
	WaterHeater	0		0		0			0				
	Continuous General Load	1,200		0		1,200	125%		1,500				
		40,654	VA	C	VA	40,654	VA		40,954	VA			



	Panel H2			PA	NEL	SCHED	ULE		PROJECT	111	Tulalip Gathering Hall	
	277/480V, 3Ph, 4W. 200/	A Bus		M.L.O.				SURF		NTED	2-Ju	un-20
Ckt. No.	Description / Location	Load (VA)	Load Type	C.B. Amp	C.B. Pole	Phase	C.B. Amp	C.B. Pole	Load (VA)		Description / Location	Ckt No
1	LTG - GATHERING HALL, SCONCE	886	L	20	1	A	20	1	1,990	Ĺ	LTG - BASEMENT	2
3	LTG - MAIN LEVEL	4,217	L	20	1	В	20	1	2,562	L	LTG - BASEMENT	4
5	LTG - INTERIOR INGROUND	624	L	20	1	c	20	1		L	SPARE	6
7	SPARE		L	20	1	A	20	1		L	SPARE	8
9	SPARE		L	20	1	В	20	1		Ē	SPARE	1
11	LTG - EXTERIOR PENDANT	854	L	20	1	c	20	1	1,116	L	LTG - EXTERIOR PARKING	1
13	LTG - EXTERIOR WALL SCONCE	280	L	20	1	A	20	1	1,984	L	LTG - EXTERIOR PARKING	14
15	LTG - EXTERIOR INGROUND	160	L	20	1	В	20	1	992	L	LTG - EXTERIOR PARKING	10
17	SPARE		L	20	1	c	20	1	868	Ē	LTG - EXTERIOR PARKING	18
19	SPARE	-	L	20	1	A	20	1	220	L	LTG - EXTERIOR PEDIESTRIAN	20
21	SPARE		L	20	1	B	20	1	104	-	LTG - EXTERIOR STEP LIGHTS	2
23	SPARE		-	20	1	C	20	1	160	L	LTG - EXTERIOR CANOE ROW FLOODS	24
25	SPARE		-	20	1	A	20	1	100	-	SPARE	2
27	SPARE			20	1	B	20	1	-		SPARE	28
29	SPARE			20	1	c	20	1	-		SPARE	30
31	SPARE			20	1	A	20	1			SPARE	3
33	SPARE		-	20	1	B	20	1	-		SPARE	34
35	SPARE		-	20	1	c	20	1	-		SPARE	36
37	SPARE			20	1	A	20	1			SPARE	38
39	SPARE		2	20	1	B	20	1		-	SPARE	40
41	SFARE	1		20	1	c	20	1	-		SPARE	41
Total Total	Connected Load: Ph A Connected Load: Ph B Connected Load: Ph C Connected Load:		VA	19 29 13	A	Total Dem	and Lo	ad:		KVA AMPS		
		Connected Loads		Subfed Loads (2)	Total	Dem an Factor	d	Demand			
G	General (Non-Continuous)	Loads		Loads (Loads	100%		Load 0			
I	Lighting	17,017		0		17,017			21,271			
R	Receptacles - to 10 KVA	0		0		0			0			
	over 10 KVA	0		0		0			0			
к	Kitchen	0		0		0			0			
н	Heating	0		0		0			0			
М	Motors	0		0		0			0			
	Largest Motor	0		0		0			0			
LM	WaterHeater	0		0		0	125%		0			
WH	VValer Treater	-										
	Continuous General Load	0		0		0	125%		0 21,271			

	Panel L1		<u>(</u>	PA	NEL	SCHED	ULE		PROJECT:		Tulalip Gathering Hall	
	120/208V, 3Ph, 4W.	1600A Bus		1600A M	C.B.			WALL			. PANEL CONSTR.	2-Jun-2
Ckt.	Description /	Load	Load	C.B.	C.B.	1000	C.B.	C.B.	Load	Load	Description /	Ck
No.	Location	(VA)	Туре	Amp	Pole	Phase	Amp	Pole	(VA)		Location	N
1	Panel L2	11,846	S	200	3	A	100	3	9,516	S	New Panel L5	2
3		19,252	S	-	-	B	-	-	9,336	S		
5	1	16,872	S			c			7,496	S		
7	Panel L3	12,827	S	200	3	A			11100	-		8
9		14,940	S		-	B		-				1
11		12,887	S		-	c				-		1
13	Panel K1	39,452	S	400	3	A	400	3	74.804	S	Panel K2	1
15		37,125	S	-	-	В	-	-	62,268	S		1
17		41,543	S		-	c			60,428	S		1
19	Panel EL	1,456	S	60	3	A			00,420	5		2
21		1,292	S	-	-	B			-	-		2
23		1,456	S		-	C			1	-		2
25	Panel M3	44,712	S	400	3	A	-		-		-	2
27		46,462	S	400	-	В	-		-	-		2
29		40,462	S	-		C		-	-			3
_	Banal Chi (Caali Hayaa)	2,780	S	100				_				3
31 33	Panel CH (Cook House)		S		3	AB			· · · · · · · · · · · · · · · · · · ·			3
35		1,260	-	•	•				1	-	1	2 4 4 4
	Densel NI4	2,500	S	-	-	C			-	<u></u>		3
37	Panel N1	6,816	S	100	3	A				<u></u>		3
39		6,080	S	•	-	В		-		-		4
41		7,836	S			C						4
otal (Connected Load: Ph A	204,209	VA	1,702	A							
otal (Connected Load: Ph B	198,015	VA	1,650	A							
otal (Connected Load: Ph C	192,840	VA	1,607	A							
otal	Connected Load:		KVA			Total Dem	and Load:		473.4	KVA		
		1,653.0	AMPS	K					1,315.0	AMPS		
-							-					
		Connected		Subfed		Total	Dem and		Demand			
		Loads		Loads (S)		Loads	Factor		Load			
G	General (Non-Continuous)	0		56,896		56,896			56,896			
L	Lighting	0		980		980			1,225			
R	Receptacles - to 10 KVA	0		19,540		10,000			10,000			
	over 10 KVA			10,100		19,640			9,820			
K	Kitchen	0		293,624		293,624			190,856			
H	Heating	0		40,152		40,152			40,152			
M	Motors	0		127,188		127,188			127,188			
	Largest Motor	0		28,620		28,620			35,775			
LM				0		~	4050/					
	Water Heater Continuous General Load	0		0 1,200		0 1,200			0 1,500			



	Panel M1			PA	NEL	SCHEE	ULE	L 11	PROJECT		Tulalip Gathering Hall		
	277/480V, 3Ph, 4W. 600A B	us		M.L.O.				SURF		NTED		2-Jui	n-20
Ckt.	Description /	Load	Load	C.B.	C.B.		C.B.	C.B.	Load	Load	Description /		Ckt
No.	Location	(VA)	Туре	Amp	Pole	Phase	Amp	Pole	(VA)	Туре	Location		No.
1	CH-1	51,273	LM	200	3	A	400	3	60,870	S	PANEL M2		2
3		51,273	LM	-	-	B		-	60,870	S			4
5		51,273	LM			c			60,870	S	-		6
7	5HP FIRE PUMP	2,105	M	15	3	A	20	3	2,910	н	HRV-1		8
9		2,105	M			B		-	2,910	н			10
11		2,105	M			c	-		2,910	н			12
13	20HP FIRE PUMP	7,479	M	40	3	A	30	3	6,000	H	DH-1		14
15		7,479	M	-	-	B	-	-	6,000	H			16
17		7,479	M			C	-		6,000	H			18
19	WH-1	3,000	WH	20	3	A	20	3	3,000	WH	WH-1		20
21		3,000	WH	-	-	B	20	-	3,000	WH			22
23		3,000	WH			c		-	3,000	WH			24
25	WH-1	3,000	WH	20	3	A	20	3	3,000	WH	WH-1		26
27		3,000	WH	-	-	В		-	3,000	WH			28
29		3,000	WH	-		C	-	-	3,000	WH			30
31	MAU #4 (KITCHEN FAN)	332	M	25	3	A	15	3	1,994	M	FAN # 1	(KITCHEN)	
33	(RITCHEN PAN)	332	M		-	В		-	1,994	M		(KITCHEN)	34
35		332	M			C	-		1,994	M	776		36
37	COMPRESSOR (FIRE PUMP)	1,330	M	20	3		15	3	554	M	FAN # 3	(KITCHEN)	_
_	CONFRESSOR (FIRE POWP)					A	15				FAN#3	(KITCHEN)	40
39		1,330	M	•		B	-	-	554	M	-		
41	-	1,330	М	-	•	c	-	-	554	М			42
Total	Connected Load: Ph A	146,847	VA	530	A								0
Total	Connected Load: Ph B	146,847	VA	530	A								
Total	Connected Load: Ph C	146,847	VA	530	A								
Total	Connected Load:	440.5	KVA			Total Den	nand Loa	d:	488.0	KVA			
		529.9	AMPS						587.0	AMPS			
		Connected		Subfed		Total	Demand		Demand				
		Loads		Loads (S))	Loads	Factor		Load				
G	General (Non-Continuous)	0		0			100%		0				
L	Lighting	0		0		(0				
R	Receptacles - to 10 KVA	0		0		(100%		0				
	over 10 KVA			0		(0				
K	Kitchen	0		0		(0				
н	Heating	26,730		105,000		131,730			131,730				
M	Motors	41,382		64,980		118,992			118,992				
LM	Largest Motor	153,819		12,630		153,819			192,274				
WH	WaterHeater	36,000		0		36,000			45,000				
С	Continuous General Load	0		0			125%		0				
		257,931	VA	182,610	VA	440,54	I VA		487,996	VA			

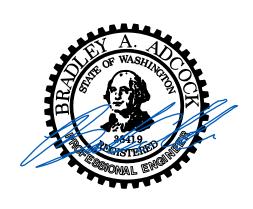
	Panel L2		j	PA	NEL	SCHED	ULE		PROJECT:	1.0	Tulalip Gathering Hall	
	120/208V, 3Ph, 4W. 20	00A Bus		M.L.O.			1	SURF	ACE WALL	MOU	NTED	2-Jun-20
Ckt. No.	Description / Location	Load (VA)	Load Type	C.B. Amp	C.B. Pole	Phase	C.B. Amp	C.B. Pole	Load (VA)		Description / Location	Ck
1	REC - OFFICE/WORKSHOP 104	1,080	R	20	1	A	20	1	720	R	REC - BUFFET/SERVICE 218	2
3	REC - WOMEN 109	360	R	20	1	В	20	1	1.080	R	REC - CORRIDOR 210	4
5	REC - MEN 106	360	R	20	1	С	20	1	540	R	REC - MEN 215	
7	REC - ELEC. 110	720	R	20	1	A	20	1	360	R	REC - WOMEN 214	8
9	REC - TEL TERM BOARD	360	R	20	1	В	20	1	960	R	REC - CORRIDOR 213, DF1	1
11	REC - TEL TERM BOARD	360	R	20	1	C	20	1	1,080	R	REC - CONFERENCE #2, 212	1
13	REC - CORRIDOR 103	540	R	20	1	A	20	1	540	R	REC - CONFERENCE #2, 212	1
15	REC - CORRIDOR 103, 113	900	R	20	1	В	20	1	360	R	REC - CONFERENCE #2, 212	1
17	REC - STORAGE 114	540	R	20	1	C	20	1	360	R	REC - CONFERENCE #1, 211	1
19	REC - STORAGE 102	720	R	20	1	A	20	1	540	R	REC - CONFERENCE #1, 211	2
21	REC - STORAGE 102	900	R	20	1	В	20	1	1.080	R	REC - CONFERENCE #1, 211	2
23	REC - MECHANICAL 101	1,080	R	20	1	c	20	1	1,992	Н	HAND-DRYER, MEN 215	2
25	HAND-DRYER, MEN 106	1,992	н	20	1	A	20	1	1,992	Н	HAND-DRYER, WOMEN 214	2
27	HAND-DRYER, WOMEN 109	1,992	н	20	1	B	125	3	7,730	S	PANEL AT GENERATOR	2
29	MOTORIZED SHADES	540	M	20	1	C		-	7,020	S		3
31	ROLL UP DOOR, BUFFET 218	864	M	20	1	A			0	S		3
33	EH-2	1,250	H	20	1	B	20	1	696	M	EF-1	3
35	EH-5	1,250	н	20	1	c	20	1	696	M	EF-2	3
37	EH-6	1,250	н	20	1	A	20	1	528	M	EF-3	3
39	EH-7	1,250	н	20	1	B	20	2	334	M	EF-4	4
41	REC - ROOF	720	R	20	1	c	-	-	334	M		4
							1					
otal	Connected Load: Ph A Connected Load: Ph B Connected Load: Ph C	11,846 19,252 16,872	VA	99 160 141	A							
	Connected Load:	48.0	KVA AMPS		^	Tota I Dem	and Load	1:	56.8 157.8	KVA AMPS		
		Connected Loads		Subfed Loads (S)		Total Loads	Dem and Factor		Demand Load			
G	General (Non-Continuous)	0	7	4,190		4,190	100%	c	4,190			
L	Lighting	0		400		400	125%		500			
R	Receptacles - to 10 KVA	16,260		3,840		10,000			10,000			
12	over 10 KVA			0		10,100			5,050		Burray Burray	
K	Kitchen	0		0		0			0		Provide Feed-Thru Lugs	
1.1	Heating	12,968		10,200		23,168			23,168			
H	Motors	3,992 0		9,908 0		13,900 0			13,900 0			
М						0	1 2 3 70		0			
M LM	Largest Motor Water Heater											
М	Largest Motor Water Heater Continuous General Load	0		0		0	125%	6	0			

	Panel L4			PA	NEL	SCHED	ULE		PROJECT	-	Tulalip Gathering Hall	
	120/208V, 3Ph, 4W.	200A Bus		M.L.O.				SURF	ACE WALL	MOL	INTED 2-	Jun-20
Ckt.	Description /	Load	Load	C.B.	C.B.		C.B.	C.B.	Load	Load	Description /	Ck
No.	Location	(VA)	Туре	Amp	Pole	Phase	Amp	Pole	(VA)	Туре	Location	No.
1	SPARE			60	3	A	30	3	1,584	М	WALK-IN FREEZER, CONDENSOR	2
3					1.141	В	-	1196.01	1,584	М		4
5			1	in the second	1.40	C	-	1040	1,584	М		6
7	SPARE			15	3	A	20	2	1,778	М	WALK-IN FREEZER, EVAP COIL	8
9						В	-		1,778	M		10
11			1		•	C	20	1			SPARE	12
13	DDC CABINET - ELEC 110	720	G	20	1	A	20	1	1	1	SPARE	14
15	DDC CABINET - MECH 101	720	G	20	1	В	20	1	1,000	н	HAND-DRYER, FAM. TLT. 202	16
17	DDC CABINET - MECH 101	720	G	20	1	C	20	1	800	M	AUTO-DOOR, MEN 203 (FUTURE)	18
19	DDC CABINET - MECH 101	720	G	20	1	A	20	1	800	М	AUTO-DOOR, WOMEN 206 (FUTURE)	20
21	SPARE			20	1	В	20	1			SPARE	22
23	SPARE			20	1	C	20	1			SPARE	24
25	SPARE		1	20	1	Α	20	1			SPARE	26
27	SPARE			20	1	В	20	1			SPARE	28
29	SPARE		1	20	1	C	20	1			SPARE	30
31	SPARE			20	1	A	20	1			SPARE	32
33	SPARE			20	1	В	20	1	(SPARE	34
35	SPARE		1	20	1	C	30	1	(SPARE	36
37	SPARE			20	1	Α	20	1			SPARE	38
39	SPARE		1	20	1	В		1	1 C C C C C C C C C C C C C C C C C C C	-	SPACE	40
41	SPACE					c		-			SPACE	42
	Connected Load: Ph A	5,602		47		· · · · · · · · · · · · · · · · · · ·						1
	Connected Load: Ph B	5,082		42								
	Connected Load: Ph C	3,104		26	A	Sincela				and a		
Total	Connected Load:		KVA			Total Den	nand Load	i:		KVA		
		38.3	AMPS						38.3	AMPS		
		Connected		Subfed		Total	Demand		Demand			6
		Loads		Loads (S)		Loads	Factor		Load			
G	General (Non-Continuous)	2,880		0		2,880			2,880			
	Lighting	C		0)		125%		0			
R	Receptacles - to 10 KVA	C	K	0)		0 100%		0			
	over 10 KVA			0)	() 50%		0			
к	Kitchen	0		0					0			
н	Heating	1,000		0		1,000			1,000			
М	Motors	9,908		0		9,900			9,908			
LM	Largest Motor	0		0			125%		0			
WH	Water Heater Continuous General Load	0		0) 125%) 125%		0			
С	Communuous General Loau	12 799		0					12 7 99			
		13,788	WA	U	AV (13,78	5 VA		13,788	WA		









TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

ELECTRICAL PANEL SCHEDULES

No.	ANCE Description	Date
	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	ADDENDUM 6	12/14/18
	CONSTRUCTION SET	03/13/19
	CONFORMED SET	10/07/19
	CCD 12	11/25/19
	CCD 13	12/10/19
	NEW OFFICE	03/09/20
	RECORD DOCUMENTS	06/02/20

PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH

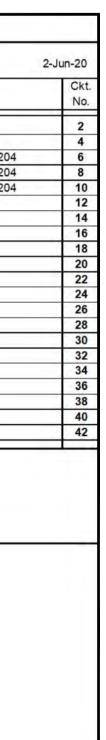




	Panel L5			PA	NEL	SCHED	DULE		PROJECT		Tulalip Gathering Hall
	120/208V, 3Ph, 4W.	200A Bus		M.L.O.				SURF	ACE WALI	MOU	INTED
Ckt.	Description /	Load	Load	C.B.	C.B.	1.0	C.B.	C.B.	Load		Description /
No.	Location	(VA)	Туре	Amp	Pole	Phase	Amp	Pole	(VA)	Туре	Location
1	REC - VIDEO 204	1,800	R	20	1	A	20	1	540	R	REC - VIDEO 204
3	REC - VIDEO 204	1,800	R	20	1	B	20	1	360	R	REC - VIDEO 204
5	REC - VIDEO 204	1,800	R	20	1	c	20	1	1,100	G	REC - DROP CORD, VIDEO 2
7	REC - VIDEO 204	1,800	R	20	1	A	30	1	2,400	G	REC - DROP CORD, VIDEO 2
9	REC - VIDEO 204	1,800	R	20	1	B	30	1	2,400	G	REC - DROP CORD, VIDEO 2
11	REC - VIDEO 204	1,800	R	20	1	c	20	1	900	G	REC - AUDIO EQUIP.
13	REC - VIDEO 204	1,800	R	20	1	A	20	1	1,176	M	VIDEO SCREEN
15	REC - VIDEO 204	1,800	R	20	1	B	20	1	1,176	M	VIDEO SCREEN
17	SPARE	1,000	N	20	1	c	20	1	1,176	M	VIDEO SCREEN
19	SPARE		-	20	1	-	20	1	1,170	IVI	SPARE
			-			A		-		-	
21	SPARE	700	-	20	1	В	20	1		-	SPARE
23	DDC CABINET - VIDEO 204	720	G	20	1	c	20	1		-	SPARE
25			-	-	-	A	-	-		-	
27	-					В				-	
29						C	-	-	1		
31						A		-		1	
33						В					
35						C					
37						Α					
39						В	10		6		
41			1			C	1.				
Total	Connected Load: Ph A	9,516	VA	79	4	-		-		-	
	Connected Load: Ph B	9,336		78							
	Connected Load: Ph B										
	Connected Load: Ph C	7,496		62	A	Total Day	nand Loa		22.7	KVA	
Iotal	connected Load.		KVA AMPS			Total Der	nand Load	u;		AMPS	
_		73.2	AWFS	2					65.6	AWIFS	
		Connected		Subfed		Total	Demand		Dem and		
		Loads		Loads (S)		Loads	Factor		Load		
G	General (Non-Continuous)	7,520		0	0	7,52	0 100%	6	7,520	6	
L	Lighting	0		0	0		125%	6	0	R-	
R	Receptacles - to 10 KVA	15,300		0	Č.	10,00	0 100%	6	10,000		
	over 10 KVA			0	G.,	5,30			2,650	K.	
к	Kitchen	0		0	¢.		0 100%		0		
Н	Heating	0		0			0 100%		0		
М	Motors	3,528		0	C	3,52			3,528		
LM	Largest Motor	0		0			0 125%		0		
LIV	WaterHeater	0		0	C	0	0 125%		0	e .	
WH		0		0	r .		0 125%	'n	0		
	Continuous General Load	26,348			VA	26,34		~	23,698		

	Panel CH (Cook House)		1	PAN	NEL	SCHED	ULE		PROJECT:		Tulalip Gathering Hall		
	120/208V, 3Ph, 4W. 100	ABus		100A M.C	. <mark>В</mark> .		1.5	SURF	URFACE WALL MOUNTED				
Ckt. No.	Description / Location		Load Ty pe	C.B. Amp	C.B. Pole	Phase	C.B. Amp	C.B. Pole	Load (VA)	1	Description / Location	Ckt No.	
1	LTG -	280	L	20	1	Α	20	1			SPARE	2	
3	REC - REFRIGERATOR (13		G	20	1	B	20	1	360	R	REC - ABOVE COUNTER	4	
5	RADIANT HEATER	2,500	H	40	2	C	20	1	000	14	SPARE	6	
7		2,500	H	-	-	A	20	1			SPARE	8	
9		2,000				B			-			10	
11						С						12	
13						A						14	
15						B						16	
17		1 1				C			-			18	
19						A					·	20	
21						В						22	
23				1 5		C		-		-		24	
25						A						26	
27			-			B				1		28	
29			-		-	C	-					30	
31			-	-	-	A				1		32	
33						B			1	-		34	
35						C	1		1	1		36	
37			-			A			-			38	
39		-				B		-	1	-		40	
41						C			1			40	
Total Total	Connected Load: Ph A Connected Load: Ph B Connected Load: Ph C Connected Load:	2,780 1,260 2,500 6.51 18.2	VA VA KVA	23 11 21	A	Total Den	nand Load	1:		KVA AMPS			
		Connected Loads		Subfed Loads (S)		Total Loads	Demand Factor		Demand Load				
G	General (Non-Continuous)	900				900		6	900				
L	Lighting	280		ő		280			350				
	Receptacles - to 10 KVA over 10 KVA	360		0		360 0	100%	6	360 0	E.			
к	Kitchen	0		0		0			0				
н	Heating	5,000		0		5,000			5,000				
М	Motors	0		0		C		6	0				
LM	LargestMotor	0		0		0	125%	6	0	61			
WH	Water Heater	0		0		0	125%	6	0				
C	Continuous General Load	0		0		0	125%	6	0	S			
6		6,540			VA	6,540			6,610				

	Panel K1			į	PA	NEL	SCHED	ULE	PROJECT:	PROJECT: Tulalip Gathering Hall				
	120/208V, 3Ph, 4W.	400A	Bus		400A M.0	С.В.			SURF	ACE WALL	MOU	NTED 2	-Jun-20	
Ckt. No.	Description / Location		Load (VA)	Load Type	C.B. Amp	C.B. Pole	Phase	C.B. Amp	C.B. Pole	Load (VA)		Description / Location	Ck No	
1	WALK-IN COOLER (CONDENSOR	(7)	863	к	20	2	A	20	3	888	к	WALK-IN FREEZER (CONDENSO (1	11) 2	
3		(-)	863	K			в	-	-	888	K		-) 4	
5	SPACE			1-1-1-1			C			888	K	- (-) 6	
7	COOLER EVAPORATOR	(6)	216	K	20	1	A	20	2	910	K	FREEZER EVAPORATOR (1	10) 8	
9	COOLER/FREEZER COMBO BOX	1	1,200	К	20	1	В			910	K		-) 1	
11	COFFEE BREWING SYSTEM	(23)	2,900	K	40	2	C	20	1	840		FOOD PROCESSOR (5	55) 1	
13		(-)	2,900	К		-	A	20	1	1,176	G	FOOD SLICER (5		
15	SPACE	. /					В	20	1	540	G	CONVENIENCE OUTLET (DC		
17	ICE MAKER	(30)	2,475	K	40	2	c	20	1	720		CONVENIENCE OUTLET (DC		
19		(-)	2,475	K	-		A	20	1	540	G	CONVENIENCE OUTLET (DC		
21		(DCO)	720	G	20	1	в	20	1	360	G	CONVENIENCE OUTLET (DC		
23	DISPOSER	(92)	2,880	M	30	1	C	20	1	540	G	CONVENIENCE OUTLET (DC		
25		(DCO)	360	G	20	1	A	30	1	2,400	M	30 QT FLOOR MIXER (4		
27	ELECTRIC FRYER	(63)	9,336	ĸ	100	3	B	100	3	9.336	K		54) 2	
29		(-)	9,336	K	100		c	100		9.336	K		-) 3	
31		(-)	9,336	K			A			9,336	K		-) 3	
33	SLOW COOK/HOLD CABINET	(113)	3,000	K	40	2	B	20	1	1,920			36) 3	
35	SLOW COOK/HOLD CABINE I		3,000	K	40	-	c	20	1	1,920			36) 3	
		(-)			-									
37	SLOW COOK/HOLD CABINET	(113)	3,000	K	40	2	A	60	3	5,052	K		95) 3	
39		(-)	3,000	K	-	-	В		•	5,052	K	- (·	1	
41	CONVEYOR TOASTER	(108)	1,656	K	20	1	C	-	•	5,052	K	(-) 43	
otal otal	Connected Load: Ph A Connected Load: Ph B Connected Load: Ph C Connected Load:		39,452 37,125 41,543 118.1 328.1	VA VA	329 309 346	A	Total Dem	and Load:		82.0 227.8	KVA AMPS			
			Connected Loads		Subfed Loads (S)		Total Loads	Dem and Factor		Demand Load				
G	General (Non-Continuous)		9,636		0		9,636			9,636				
1	Lighting		0		0		0			0				
-	Receptacles - to 10 KVA		0		0		0	100%		0				
R	over 10 KVA		103,204		0		0	50%		0		Devide Fred Track		
	Vitebon				0		103,204	65%		67,083 0		Provide Feed-Thru Lugs		
к	Kitchen													
к н	Heating		0		0		5 290							
к Н М	Heating Motors		0 5,280		0		5,280	100%		5,280				
K H M LM	Heating Motors Largest Motor		0 5,280 0		0		5,280 0	100% 125%		5,280 0				
к Н М	Heating Motors		0 5,280		0		5,280	100% 125% 125%		5,280				



	Panel N1 (DATA ROO	OM)		PA	NEL	SCHED	ULE		PROJECT: Tulalip Gathering Hall				
	120/208V, 3Ph, 4W.	100A Bus		100A M.C	С.В.			SURF	ACE WALL	NTED	2-Jun-20		
Ckt. No.	Description / Location		Load Type	C.B. Amp	C.B. Pole	Phase	C.B. Amp	C.B. Pole	Load (VA)		Description / Location	Ck No	
1	REC -	180	R	20	1	A	30	2			REC - SPARE (WALL)	2	
3	REC -	180	R	20	1	В	-			-		4	
5	REC -	180	R	20	1	c	30	2	1	1	REC - SPARE (WALL)	6	
7	REC -	180	R	20	1	A	-	-	· · · · · · · · · · · · · · · · · · ·	-		8	
9	REC - SECURITY	900	R	20	1	В	30	2	2,500	G	REC - DROP CORD	1	
11	REC - DROP CORD	1,200	G	20	1	c	-	-	2,500	G		1	
13	SPARE			20	1	A	30	2	2,500	G	REC - DROP CORD	1.	
15	SPARE			20	1	В			2,500	G		1	
17	CU-2 (AC-2)	1,456	M	20	2	C	30	2	2,500	G	REC - DROP CORD	18	
19		1,456	M	-	-	A	-	-	2,500	G		20	
21	1					в			-1			2	
23				1		c	7	-	-			2	
25					-	A	1	-	1			20	
27			-		-	B	-	-				2	
29			-		-	c		-	-			3	
31	-	-	-		-	A	-	-	-	-		3	
33			-		-	B	-	-	-	-		34	
35			-	-	-	c	-	-	-	-	1	30	
37		-	-		-	A	-		-	-		3	
39	-		-		-	B		-		-	-	4	
41		-		1		C	-					4	
	Connected Load: Ph A	6,816 \	/A	57	A								
otal	Connected Load: Ph B Connected Load: Ph C	6,080 \ 7,836 \	VA	51 65	A								
	I Connected Load:	20.7 J 57.6	KVA			Total Dem	and Load			KVA AMPS			
		Connected		Subfed	1.3	Total	Demand		Dem and				
G	General (Non-Continuous)	Loads 16,200		Loads (S) 0		Loads 16,200	Factor 100%		Load 16,200				
L	Lighting	10,200		0		10,200			10,200				
R	Receptacles - to 10 KVA	1,620		0		1,620			1,620				
1.5	over 10 KVA	.,		0		0			0				
к	Kitchen	0		0		0			0				
H	Heating	0		0		0			0				
М	Motors	2,912		0		2,912			2,912				
LM	Largest Motor	0		0		0			0				
NH	WaterHeater	0		0		0	125%		0				
	the second	0		0		0	1000		0				
С	Continuous General Load	0 20,732 \		0		0 20,732			0 20,732				

Panel EL				PA	NEL	SCHED	ULE		PROJECT	PROJECT: Tulalip Gathering Hall				
	120/208V, 3Ph, 4W.	1	60A M.C	.В.			SURF		LMOU	NTED	2-Jun-20			
Ckt. No.	Description / Location	Load (VA)	Load Ty pe	C.B. A mp	C.B. Pole	Phase	C.B. Amp	C.B. Pole	Load (VA)		Description / Location	Ck No		
1	SPARE			20	1	Α	20	1			SPARE	2		
3	REC/LTG - MACHINE ROOM	384	G	20	1	B	20	1	600	L	ELEVATOR CAB LIGHTING	4		
5	SPARE	501	~	20	1	C	20	2	1,456	M	CU-1 (AC-1)	6		
7	SPARE			20	1	A	-	-	1,456	M		8		
9	REC/LTG - ELEVATOR PIT	308	G	20	1	B	20	1	1,400		SPARE	1		
11			-			C						1		
13				· · · · · · · · · · · · · · · · · · ·		A			-			1		
15			-			B		-	-			1		
17						c		-	-			1		
19						A		-				2		
21				-		B	-				· · · · · · · · · · · · · · · · · · ·	2		
23			-			C	-	-	-			2		
_					-		-		-		-			
25			-			A	-	-	-			2		
27			-			B		-	-	-		2		
29						C	-		-			3		
31				-		A	-	-	-			3		
33						В	-	-	-			3		
35						С						3		
37						A		-	-			30		
39			-			В		-	-			4		
41			-			C						4		
	Connected Load: Ph A	1,456		12										
	Connected Load: Ph B	1,292		11										
	Connected Load: Ph C	1,456		12	A		1.111							
otal	Connected Load:		KVA			Total Den	hand Loa	d:		KVA				
_		11.7	AMPS						12.1	AMPS				
		Connected		Subfed		Total	Demand		Demand					
		Loads		Loads (S)		Loads	Factor		Load					
G	General (Non-Continuous)	692		0		692	1009	6	692					
L	Lighting	600		0		600	1259	6	750					
R	Receptacles - to 10 KVA	0		0		C			0					
	over 10 KVA			0		0			0					
	Kitchen	0		0		C			0					
Η	Heating	0		0		C			0					
М	Motors	2,912		0		2,912			2,912					
LM	Largest Motor	0		0			1259		0					
	Water Heater	0		0		C			0					
С	Continuous General Load	0		0		0		6	0					
		4,204	VA	0	VA	4,204	I VA		4,354	VA				

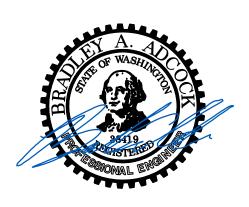
Panel K2					PA	NEL	SCHED	ULE		PROJECT:	e 107	Tulalip Gathering Hall		
	120/208V, 3Ph, 4W.	400A	Bus		400A M.0	С.В.		1	SURF	ACE WALL	NTED	2-Ju	un-2	
Ckt. No.	Description / Location		Load (VA)	Load Type	C.B. Amp	C.B. Pole	Phase	C.B. Amp	C.B. Pole	Load (VA)		Description / Location		Ck No
43	ELECTRIC RANGE W/OVEN BAS	65)	7,488	к	100	2	A	100	2	7,488	к	ELECTRIC RANGE W/OVEN BASE	(66)) 4
45		(-)	7,488	К		· •	В		-	7,488	K		(-)) 4
47	ELECTRIC GRIDDLE	(69)	8,008	к	100	2	C	100	2	8,008	K	ELECTRIC GRIDDLE	(70)	· · · ·
49		(-)	8,008	к	-	•	A	-		8,008	K		(-)	-
51	ELECTRIC OVEN	(78)	6,120	к	70	3	В	70	3	6,120	K	ELECTRIC OVEN	(79)) 5
53		(-)	6,120	К			C	-		6,120	K		(-)	_
55		(-)	6,120	к			A			6,120	K		(-)) 5
57	ELECTRIC OVEN	(78)	6,120	К	70	3	в	70	3	6,120	K	ELECTRIC OVEN	(79)	
59		(-)	6,120	к		1.1	С	-	-	6,120	K	-	(-)	
61		(-)	6,120	К	•	-	A	4 ÷	•	6,120	K		(-)) 62
63	ELECTRIC OVEN	(80)	6,120	ĸ	70	3	В	70	3	6,120	K	ELECTRIC OVEN	(80)) 64
65		(-)	6,120	К	(- • i	-	C	-	•	6,120	K		(-)) 60
67		(-)	6,120	ĸ	•		A	•		6,120	K		(-)) 61
69	STEAM KETTLE	(71)	4,092	к	50	3	В	50	3			SPARE		70
71		(-)	4,092	к	-	-	C		-		-			7
73		(-)	4,092	к	*		A				1			7.
75	MOBILE BAR	(127)	1,380	G	20	1	В	20	1	1,380	G		(127)	_
77	MOBILE BAR	(127)	1,380	G	20	1	C	20	1	1,380	G	MOBILE BAR	(127)) 78
79	SLOW COOK/HOLD CABINET	(114)	3,000	K	40	2	A	20	1	+	1	SPARE		80
81		(-)	3,000	К	1 -	-	В	20	1	720	R	REC - OFFICE		82
83	TYPE 1 HOOD - LIGHTS	(76)	300	L	20	1	c	20	1	540	R	REC -		84
Total Total	Connected Load: Ph A Connected Load: Ph B Connected Load: Ph C Connected Load:		74,804 62,268 60,428 197.5 548.6	VA VA	623 519 504	A	Total Dem	and Loac	1:	130.9 363.7	KVA AMPS			
			Connected		Subfed		Total	Dem and		Demand				
~			Loads		Loads (S)		Loads	Factor		Load				
G	General (Non-Continuous)		5,520		0		5,520			5,520				
R	Lighting Receptacles - to 10 KVA		300 1,260		0		300 1,260			375 1,260				
ĸ	over 10 KVA		1,200		0		1,200			1,200				
к	Kitchen		190,420		0		190,420			123,773				
H	Heating		0		0		0			0				
M	Motors		0		0		0			0				
LM	Largest Motor		0		0		0			0				
	WaterHeater		0		0		0			0				
WH														
	Continuous General Load		0		0		0	125%	,	0				

	Panel EM			PANEL SCHEDULE PROJECT:							Tulalip Gathering Hall	
	277/480V, 3Ph, 4W.	200A Bus		M.L.O.				SURF	ACE MOU	NTED	2-J	un-20
Ckt. No.	Description / Location	Load (VA)	Load Type	C.B. Amp	C.B. Pole	Phase	C.B. Amp	C.B. Pole	Load (VA)	and the second sec	Description / Location	Ckt. No.
1	LTG - BASEMENT CORRIDOR	886	L	20	1	A	20	1	2,240	L	LTG - FIRST FLOOR, GATHERING HALL	2
3	LTG - EXTERIOR EXIT DOORS.	175	L	20	1	В	20	1	1,620	L	LTG - FIRST FLOOR, GATHERING HALL	4
5	SPARE		0-1-1	20	1	С	20	1	4,239	L	LTG - FIRST FLOOR	6
7	SPARE			20	1	Α	20	1	1	-	SPARE	8
9	SPARE		[[20	1	В	20	1	1		SPARE	10
11	FIRE ALARM CONTROL PANEL	1,308	G	20	1	С	20	1			SPARE	12
13			1			A	1					14
15			1	14.55		в	2.00					16
17			ñ 1			C				· · · · · ·	1.5	18
19						A	1	1.000	1		1	20
21			(В	1					22
23						С		-				24
25					-	A	()	-				26
27						в						28
29						С					7	30
31						A					1	32
33						в						34
35						C			-			36
37					-	A						38
39						В		-				40
41						с						42
Total Total	Connected Load: Ph A Connected Load: Ph B Connected Load: Ph C Connected Load:		VA	20	A	Total Den	hand Lo	ad:		KVA AMPS		
0	Caparal (Nan Captinuaus)	Connected Loads		Subfed Loads ((S)	Total Loads	Dem and Factor		Demand Load			
G	General (Non-Continuous)	1,308 9,160		0		1,308	100% 125%		1,308 11,450			
R	Lighting Receptacles - to 10 KVA	9,100		0		9,100			0			
R	over 10 KVA	0		0		0			0			
к	Kitchen	0		0		C			0			
H	Heating	0		0		Ċ			0			
M	Motors	0		0		C			0			
LM	Largest Motor	0		0		0			0			
WH	WaterHeater	0		0		0			0			
С	Continuous General Load	0		0		C			0			
1.1		10,468	VA	0	VA	10,468	VA		12,758	VA		



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TULALIP TRIBES GATHERING HALL 7512 TOTEM BEACH RD TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

ELECTRICAL PANEL SCHEDULES

No.	ANCE Description	Date
	PHASE 2 DD SET	04/25/18
	PHASE 2 PERMIT ISSUANCE	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	ADDENDUM 6	12/14/18
	CONSTRUCTION SET	03/13/19
	CONFORMED SET	10/07/19
	CCD 12	11/25/19
	CCD 13	12/10/19
	NEW OFFICE	03/09/20
	RECORD DOCUMENTS	06/02/20

PROJECT INFORMATION	
PROJECT NUMBER:	17031
PROJECT LEAD:	RD
DRAWN BY:	KH





Exhibit J.1.5. Site Photos









