

**The Consolidated Borough
Of
Quil Ceda Village**



Quil Ceda Village Street Light Repairs

Solicitation No. QCV-CPR-026-001

Contract Documents

January 2026

NOTICE TO BIDDERS

Sealed bid proposals will be received by the Consolidated Borough of Quil Ceda Village Contract & Procurement Office located at 8802 27th Ave NE, Tulalip, WA 98271 for the following Project:

SOLICITATION NUMBER:
QCV-CPR-026-001
QCV Street Light Repairs

The Project Manager for the Project is:

Consolidated Borough of Quil Ceda Village
Attn. Casey Wren
8802 27th Avenue NE
Tulalip, WA 98271
Telephone: (360) 716-5022
Email:cwren@tulaliptribes-nsn.gov

Pre-Bid Meeting:

A **Non-Mandatory** pre-bid meeting will be held on **January 20, 2026 at 1:00 PM** at:

QCV Conference Room
8802 27th Ave NE
Tulalip, WA 98271

All bidders are encouraged to attend this pre-bid meeting and to visit the project site to acquaint themselves with the local conditions under work to be performed, correlate personal observations with the requirements of Bid and Contract Documents.

Scope:

The work of this Bid Package consists of the work as shown and indicated on **SCOPE OF WORK**. The work is not restricted by division of drawing(s) or specification(s). Unless otherwise specifically noted, ALL WORK to be performed shall consist of but not limited to Labor, Materials, Tools, Equipment, Supervision, Insurance, Applicable Taxes, and all other associated provisions necessary to provide and install the complete Scope of Work of the Prime Contract in its entirety in strict accordance with the Contract Documents.

Contracting Terms:

The project is located on and within the boundaries of the Tulalip Reservation known as **Quil Ceda Village (QCV)**. Completion time is limited to **90 Calendar Days upon Notice to Proceed**.

Questions:

Any questions regarding this bid shall be directed via email to the Project Manager no later than:
January 26, 2026.

Qualification:

The Solicitation is open to both Native American Owned Business (NAOB) and non-Native American owned enterprises or organizations. Bidders or persons and entities submitting bid proposals shall submit evidence of certification from the Tulalip Tribes' TERO office as being a certified, qualified NAOB enterprise or organization with their bid in order to receive Native American preference. Lower-tiered contractors and or material suppliers are encouraged to submit their bid quotations to a qualified NAOB enterprises and or organizations.

Disqualifications:

Incomplete submittals, statements known to be or subsequently found to be inaccurate or misleading, evidence of bidder collusion, or incorrect scope of work may cause the bidder to be disqualified from the evaluation process.

Tulalip Employment Rights Office (TERO):

Native American Preference related to contracting, subcontracting and suppliers in this project is required and must meet The Tulalip TERO Code, Chapter 9.05. For more information, contact the Tulalip Tribes' TERO Department at 6406 Marine Drive, Tulalip, WA 98271, Office (360) 716-4747. Tulalip TERO Code, chapter 9.05: <https://www.tulaliptero.com/>.

Bid Closing:

Sealed bids will be received for the Consolidated Borough of Quil Ceda Village: **QCV-CPR-026-001** until **February 5, 2026**, at **2:00 P.M.** local time, at which time all bids will be opened and read aloud. All required bid documentation shall be submitted to the front reception at the **Quil Ceda Village Administration office located at: 8802 27th Ave NE, Tulalip WA 98271** by the scheduled bid date and times, VERBAL, FAXED, OR EMAILED BIDS WILL NOT BE ACCEPTED.

Bidding Documents:

Bid Documents:

- Request for Proposal
- Bid Proposal Form
- Sample Contract
- Confidentiality Agreement

Exhibits:

- A. Specifications and Drawings

REQUEST FOR BIDS

QCV Street Light Repairs

Solicitation No. QCV-CPR-026-001

1.0 INDRODUCTION

The Consolidated Borough of Quil Ceda Village is soliciting proposals from qualified firms with experience in **street light repair and maintenance** who possess the staff, expertise, and resources to perform the work necessary to repair and replace street light poles, arms, and components located within the boundaries of Quil Ceda Village.

The Request for Bid is open to Native American and non-Native American bidders. To be considered for Native American Preference, bidders shall include with their Bid Proposal Form evidence of certification from Tulalip Tribes' Employment Office (TERO).

Native American Preference related to contracting, subcontracting and suppliers in the project is required. Proposers shall abide by The Tulalip Code, Chapter 9.05 – TERO Code which provides NAOB preference in contracting goods and services. Additionally, The Tulalip Tribes' Board of Directors has the authority to require those employers subject to The Tulalip Code, Chapter 9.05 – TERO Code and applicable federal laws and guidelines, to give preference to Indians in hiring, promotions, training, and all other aspects of employment. Bidders shall comply with The Tulalip Code and the rules, regulations, and orders of the TERO Commission. For more information about the [Tulalip Code](#), Chapter 9.05 – TERO Code, contact The Tulalip Tribes' TERO Department at 6406 Marine Drive, Tulalip, Washington 98271, Office (360) 716-4747 or Facsimile (360) 7160249. The Tulalip TERO Code is available for review on the Tulalip TERO website: www.tulaliptero.com.

2.0 SUBMITTAL DEADLINE

Bid Proposals must be received at the Consolidated Borough of Quil Ceda Village (QCV) – Front Office NO LATER than 2:00 P.M. on February 5, 2026. Submittals sent by mail or courier shall be sent to the address below and delivered to the deadline indicated above. Fax or Email submittals will NOT be accepted.

Consolidated Borough of Quil Ceda Village
Attn.: Casey Wren
8802 27th Ave NE
Tulalip, WA 98271

3.0 SUBMITTAL FORMAT

Bids must be submitted in a sealed envelope clearly marked on the outside that it contains a bid, with the bidder's name and address, the project title, the project number, and the date and time of the submittal due date. The sealed envelope shall contain the following:

1. Bid Proposal Form
2. TERO Certification if applicable
 - a. Certified NAOB
 - b. Certified Small Business if applicable
3. Proof of Insurance
4. Tulalip Business License (after Award)
5. Washington State Contractors License

Bidders shall fill-in all relevant blank spaces in the Bid Form in black or blue ink, typewriter, or digital text. Bids using pencil, may result in disqualification. Any changes, alterations, or additions in the wording of the Bid Proposal Form may cause the Bidder to be disqualified and rejected as not responsible for award of a contract. **Contract Bonds are not required.**

4.0 NON-MANDATORY PRE-BID MEETING

A Non-Mandatory Pre-Bid Meeting will be held on January 20, 2026 at 1:00 PM at:

Quil Ceda Village Conference Room
8802 27th Ave NE
Tulalip, WA 98271

All interested firms are encouraged to attend this Pre-Bid Meeting and to visit the project site to acquaint themselves with the local conditions under which the work will be performed and to obtain personal observations of the project site.

5.0 DESCRIPTION OF WORK

The QCV Street Light Repairs project intentions are to repair or replace the non-functioning street lights, including replacement of broken poles, arms, and electrical components within the Quil Ceda Village Business Park between 88th St NE and 116th St NE. Parking areas located in the commercial retail areas are not included in the solicitation. QCV has 15 concrete light poles, arms and luminaries in stock. This project is for installation to include all labor and equipment necessary to complete the work. Additional service for a 1 year period will be on an as-needed basis. All base bid work for the Project **must be completed by June 1, 2026.**

General Conditions of the Work includes, but not limited to:

1. Contractor shall protect existing property from damage during the performance of the Work. Any adjacent property, including structures, roads, walkways, light poles, signage, or other property or improvements that are damaged during the contract Work, shall be properly repaired or replaced at Contractor's expense.
2. Contractor assumes all responsibility for protection and safekeeping of equipment and materials stored on site.
3. Contractor shall be responsible for daily site cleanup, and the removal and disposal of all debris and rubbish generated by the contract Work.
4. Contractor shall take precautions and shall be responsible for the safety of individuals on the Project and shall comply with all applicable provisions of tribal and federal safety laws and codes to prevent injury to persons on or adjacent to the project.
5. Contractor shall provide continuous supervision at the Project by a competent superintendent when any work is being performed. The Contractor's superintendent shall have responsibility and authority to act on behalf of the Contractor.
6. Contractor will allow QCV project manager access to the site at any time, provided that QCV personnel follow the safety procedures established by the Contractor.
7. No changes in the scope of work will be allowed without the issuance of a written change order, and all requests for information (RFI's) will be submitted to QCV in writing.
8. Contractor will be responsible for any permits or inspections associated with the Project.

6.0 BID EVALUATION CRITERIA

The Contract will be awarded to the lowest responsive and responsive bidder as determined by the sole discretion of the Consolidated Borough of Quil Ceda Village. Quil Ceda Village reserves the right to waive, or to allow any bidder a reasonable opportunity to cure, a minor irregularity or mistake in a bid. While the intent of Quil Ceda Village is to award a Contract to the lowest responsive and responsible bidder, final selection could be determined by several factors, including a Contractor's past performance. Quil Ceda Village reserves the right to select any

responsive and responsible bidder they determine is in the best interest of the Village. Quil Ceda Village also reserves the right to cancel or rebid this solicitation at any time if it is determined to be in the best interest of the Village.

7.0 CONTRACT TERM/ RENEWALS

The Contract Term shall commence upon contract award, and end one (1) year from the date of award. However, this bid shall be subject to review at the end of each thirty (30) day period from the date of award and subject to cancellation. Prices and discounts shall remain firm for the entire contract period. By mutual consent of the Owner and the successful bidder, this contract may be renewed for **two (2) additional one (1) year periods,** under the same terms, conditions, specifications, and pricing structure. All renewals shall be in writing at least ninety (90) days prior to termination of the current contract period.

8.0 PRICE ADJUSTMENTS

Prices offered shall remain firm through the one (1) year term of the contract. Upon renewal, a request for a price adjustment, with proper documentation justifying the adjustment, may be submitted in writing 30 days before the date of a renewal period. Unit price adjustments must have written approval from the Owner before invoicing. Any unit price adjustment invoiced without written approval from the Owner shall not be paid, and the invoice returned to the Awardee for correction. Requests for price adjustments shall not exceed 3% per adjustment.

9.0 SCHEDULE

The anticipated schedule for this solicitation will be as follows:

Issue Date	January 8, 2026
Non Mandatory Pre-Bid Meeting	January 20, 2026 @ 1:00 PM
Deadline for Questions	January 26, 2026
Deadline for Addenda	January 29, 2026
Deadline for Submittals/ Opening Date	February 5, 2026 @ 2:00 PM

BID PROPOSAL FORM

Project Name: OCV Street Light Repairs Date of Bid: _____

Location of Project: Quil Ceda Village-Various Locations

COMPANY NAME OF BIDDER: _____

CERTIFIED NATIVE AMERICAN OWNED BUSINESS:

YES _____ If Yes, Percentage (%) of Indian Ownership: _____ % **NO** _____

Having read and examined the Contract Documents, including without limitation the Drawings and Specifications, prepared by the Architect and The Tulalip Tribes of Washington for the above-referenced Project, and the following Addenda:

ADDENDA ACKNOWLEDGED (Enter Addenda Number and Date of Addenda below):

1. _____ 2. _____

3. _____ 4. _____

The undersigned Bidder proposes to perform all Work for the applicable Contract, in accordance with the Contract Documents, for the following sums:

BASE BID FOR PACKAGE Project # OCV-CPR-026-001

BASE BID AMOUNT: _____
(Write in Words Above)

DOLLAR AMOUNT: \$ _____
(Write in Number Form Above)

**Bid Clarification: The Tulalip Tribes of Washington's
exemption of Washington State Sales Taxes related to Project.**

Item No.	Item Description	UOM	Quantity	Unit Price	Total Price
1	Minor Change	LS	1	\$ 5000.00	\$ 5000.00
2	Install Light Pole	EA	15	\$	\$
3	Install Single Arm	EA	10	\$	\$
4	Install Double Arm	EA	5	\$	\$

Item No.	Item Description	UOM	Quantity	Unit Price	Total Price
5	Install Luminaire	EA	20	\$	\$
6	Replace Fuses	EA	5	\$	\$
7	Inspect Service Cabinets	EA	13	\$	\$
8	Replace Concrete Foundation	EA	15	\$	\$
9	Traffic Control	LS	1	\$	\$
10	Markup on Wire/ Materials 15% Maximum	LS	1	%	N/A
	Additional Hourly Labor Cost As Needed	HR	1	\$	
	SUBTOTAL (ITEMS 1-9)				\$
	TERO FEE 1.75%				\$
	TOTAL PRICE				\$

BIDDER'S CERTIFICATION

The Bidder hereby acknowledges that the following representations in this bid are material and not mere recitals:

1. The Bidder has read and understands the Contract Documents and agrees to comply with all requirements of the Contract Documents, regardless of whether the Bidder has actual knowledge of the requirements and regardless of any statement or omission made by the Bidder which might indicate a contrary intention.
2. The Bidder represents that the bid is based upon the Standards specified by the Contract Documents.
3. The Bidder acknowledges that all Work shall be completed within the time established in the Contract Documents, and that each applicable portion of the Work shall be completed upon the respective milestone completion dates, unless an extension of time is granted in accordance with the Contract Documents. The Bidder understands that the award of separate contracts for the Project will require sequential, coordinated and interrelated operations which may involve interference, disruption, hindrance or delay in the progress of the Bidder's Work. The Bidder agrees that the Contract price, as amended from time to time by Change Order, shall cover all amounts due from the Consolidated Borough of Quil Ceda Village resulting from interference, disruption, hindrance or delay caused by or between Contractors or their agents and employees.
4. The Bidder has visited the Project site, become familiar with local conditions and has correlated personal observations with the requirements of the Contract Documents. The Bidder has no outstanding questions regarding the interpretation or clarification of the Contract Documents.
5. The Bidder agrees to comply with Tribal Employment Rights Ordinance No. 60 and give preference to Indians in hiring promotions, training and all other aspects of employment contracting and subcontracting. **TERO fee to be paid by awarded bidder.**
6. The Bidder agrees to comply with Tribal Contracting Ordinance No. 89 and give preference to certified, qualified Indian-owned enterprises and organizations in the award of contracts and subcontracts.

The Bidder and each person signing on behalf of the Bidder certifies, and in the case of a joint or combined bid, each party thereto certifies as to such party's entity, under penalty of perjury, that to the best of the undersigned's knowledge and belief: (a) the Base Bid, any Unit Prices and any Alternate Bid in the bid have been arrived at independently without collusion, consultation, communication or agreement, for the purpose of restricting competition as to any matter relating to such Base Bid, Unit Prices or Alternate bid with any other Bidder; (b) unless otherwise required by law, the Base Bid, any Unit Prices and any Alternate bid in the bid have not been knowingly disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to the bid opening, directly or indirectly, to any other Bidder who would have any interest in the Base Bid, Unit Prices or Alternate bid; (c) no attempt has been made or will be made by the Bidder to induce any other individual, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

7. The Bidder will execute the Contract Form with the Consolidated Borough of Quil Ceda Village, if a Contract is awarded on the basis of this bid, and if the Bidder does not execute the Contract Form for any reason, other than as authorized by law, the Bidder will be excluded from participation in a rebid.
8. Bidder agrees to furnish any information requested by the Consolidated Borough of Quil Ceda Village to evaluate the responsibility of the Bidder.

Any modification made to either the bid form or exception taken to the defined scope of work outlined in this bid package may result in the bid proposal being considered non-responsive.

Each bid shall contain the name of every person interested therein. If the Bidder is a corporation, partnership, sole proprietorship, or limited liability corporation, an officer, partner or principal of the Bidder, as applicable, shall print or type the legal name of the Bidder on the line provided and sign the Bid Form. If the Bidder is a joint venture, an officer, partner or principal, as applicable, of each member of the joint venture shall print or type the legal name of the applicable member on the line provided and signs the Bid Form. An unsigned Bid Form will render the Bid as non-responsive.

**BIDDERS NAMES
(PRINT):**

Authorized Signature:

Title:

Company Name:

Mailing Address:

Telephone Number:

Fax Number:

Where Incorporated:

Type of Business (Circle One)	Corporation	Partnership	Sole Proprietorship	Limited Liability Corporation
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Tulalip Business License #:

State of Washington Contractor's License Number:

Federal ID Number:

Contact Person for Contract Processing:



**THE CONSOLIDATED BOROUGH OF QUIL CEDA
VILLAGE
CONTRACT AGREEMENT
For
QCV Street Light Repairs
Bid Solicitation Project # QCV-CPR-026-001**

This agreement entered into this _____ day of _____, 20____, between The Consolidated Borough of Quil Ceda Village, 8802 27th Ave NE Tulalip, WA 98271, hereinafter referred to as "the Owner", and (_____) hereinafter referred to as "Contractor".

WITNESSETH, that the Contractor and the Owner for the consideration stated herein mutually agree as follows:

SECTION ONE: DESCRIPTION OF WORK

This Contract consists of this written agreement and all appurtenant "contract documents" described in Section Six of this agreement. Contractor shall perform the following described work in accordance with this contract and the Scope of Work, incorporated as Bid Solicitation # **QCV-CPR-026-001**:

The Contractor shall remove and properly dispose of debris, and comply with all terms described in the Scope of Work for Street Light Repairs.

The project is located on the Tulalip Tribes Reservation.

SECTION TWO: CONTRACT PRICE

The Owner agrees to pay Contractor for the Work described a total contract price of \$ _____ (the "Contract Price"). Payment of this amount is subject to additions or deductions in accordance with the bid unit price amounts listed in the bid proposal, provisions of this contract and of any other documents to which this contract is subject. Contractor shall be entitled to full payment when contract work is completed and approved by the Owner. Progress payments shall be made to the Contractor in accordance with the provisions of Section Three of this Contract.

SECTION THREE: PAYMENTS

The Owner shall make payment for a portion of the work to the Contractor no later than thirty (30) days after the Owner's accounting department begins processing Contractor's invoice for that work. Such processing shall begin after Contractor presents the invoices and deliverables to the Owner's Contract Officer and Construction Director and the Contract Officer and Construction Director submits written approval to the accounting department for payment based on an inspection of the work. Payment by the Owner does not constitute a waiver of any claims by the Owner against



Contractor concerning or arising out of this agreement. Acceptance of final payment by Contractor constitutes a waiver of all claims by Contractor.

Contractor agrees to maintain for inspection by the Owner for three years after final payment all books, records, documents, and other evidence pertaining to the costs and expenses of this agreement, hereinafter collectively called, "records", to the extent and in such detail as will properly reflect all net costs, direct and indirect, of labor, supplies, and services, and other costs of whatever nature for which reimbursement is claimed under the provisions of this agreement.

In the event payment for work performed under this agreement is made from federal or state funds, Contractor shall abide by all applicable federal and state laws and regulations governing such funds which laws and regulations are hereby incorporated by reference. Any rights of the Contractor are subject to the limitations on and availability of such funds to the Owner.

Contractor shall not be entitled to any interest on any amount found due and owing hereunder, whether before or after judgment, but shall, at most, only be entitled to the amount specified in Section Two: CONTRACT PRICE.

SECTION FOUR: STARTING AND COMPLETION DATES

The date of commencement of the work shall be the date of this agreement unless a different date is made for the date to be fixed in a Notice to Proceed issued by the Owner. This agreement shall become effective upon its signing by the Owner, Contract Officer and Contractor.

The contract time (the "Contract Time") shall be measured from the date of commencement.

It is understood and agreed that all Work shall be completed within the established time for Contract Completion, and that each applicable portion of the Work shall be completed upon the respective milestone completion date(s), unless the Contractor timely requests and the Owner grants an extension of time in accordance with the Contract Documents.

SECTION FIVE: LIQUIDATED DAMAGES

Upon failure to have all Work completed within the period of time above specified, or failure to have the applicable portion of the Work completed upon any milestone completion date, the Owner shall be entitled to retain or recover from the Contractor, as Liquidated Damages, and not as a penalty, the applicable amount set forth in the **2021 WSDOT Standard Specifications** and the Special Provisions for each and every day or portion of a day thereafter until Contract Completion, unless the Contractor timely requests and the Owner grants an extension of time in accordance with the Contract Documents.

The amount of Liquidated Damages is agreed upon by and between the Contractor and the Owner because of the impracticality and extreme difficulty of ascertaining the actual amount of damage the Owner would sustain.



SECTION SIX: CONTRACT DOCUMENTS

The contract documents includes the following, which are incorporated by reference as if fully set forth herein (not in order of precedence), on which the agreement between the Owner and Contractor is based, in accordance with which the work is to be done, are as follows:

This agreement, together with such supplementary agreements and conditions as are attached hereto;

- a. Scope of Work;**
- b. Bid Proposal**

These contract documents together form the contract for the work herein described. The parties intend that the documents include provisions for all labor, materials, equipment, supplies, and other items necessary for the execution and completion of the work and all terms and conditions of payment. The documents also include all work and procedures not expressly indicated therein which are necessary for the proper execution of the project.

This agreement, including its referenced appendices, represents the entire and complete agreement between the parties and supersedes all prior negotiations, representations, or agreements either written or oral and may be amended or modified only in writing signed by both parties. Nothing whatsoever in this agreement constitutes or shall be construed as a waiver of the The Consolidated Borough of Quil Ceda Village or the Tulalip Tribes of Washington's sovereign immunity. This agreement shall not be valid unless each and every signature designated below is affixed.

SECTION SEVEN: AUTHORITY OF QUIL CEDA VILLAGE REPRESENTATIVE(S)

The Owner's representative designated as the Contract Officer and Construction Director authorized to administer and implement the terms and conditions of this agreement is,

Casey Wren
Quil Ceda Village Project Management
8802 27th Ave NE
Tulalip, WA 98271

The Owner's representative designated as Inspector authorized to inspect Contract performance in detail is **Casey Wren**.

The Owner's authorized representatives shall be allowed to observe any work done by the Contractor which is covered by this agreement.

SECTION EIGHT: RESPONSIBILITIES OF CONTRACTOR

Contractor's duties and rights in connection with the project herein are as follows:

- a. Responsibility for and supervision of work.** Contractor represents that he has inspected and is familiar with the work site and the local conditions under which the work is to be performed. Contractor shall be solely responsible for all construction and installation in accordance with the



contract, including the techniques, sequences, procedures, and means for coordination of all work. Contractor shall properly supervise and direct the work of the employees and subcontractors, and shall give all attention necessary for such proper direction. Contractor represents that he is bonded in sufficient amount to cover Contractor's liability occasioned by Contractor's performance of this contract.

b. Discipline and employment. Contractor shall maintain at all times strict discipline among his workers and agrees not to employ for work on the project any person unfit or without sufficient skill to perform the job for which he was employed.

c. Furnishing of labor, materials, etc. Contractor shall provide and pay for all labor, materials and equipment, including but not limited to tools, construction equipment, machinery, utilities including water, transportation, and all other facilities and services necessary for the proper completion of the work on the project in accordance with the contract documents.

d. Manufacturer's instructions. Contractor shall comply with manufacturer's installation instructions and recommendations to the extent that those instruction and recommendations are more explicit or stringent than requirements contained within the Contract documents.

e. Payment of taxes, procurement of license and permits. Contractor shall pay any taxes required by law in connection with work on the project and shall secure all licenses and permits necessary for proper completion of the work, paying the fees therefore.

The Tulalip Tribes of Washington is a federally recognized Indian Tribal government with a constitution and bylaws approved by the [United States Secretary of the Interior. See: 65 Federal Register 13298, 13301 \(March 13, 2000\)](#). As a recognized tribal government, the Tulalip Tribes of Washington and all of its governmental agencies, is a tax exempt entity. See: [26 USC §7871](#), and Washington Administrative Code Excise Tax Rule 192 ([WAC 458-20-192](#)). Portions of this project are Tax Exempt from all Sales and/or Use Taxes for all materials and supplies incorporated in construction of the work that become a permanent part of the Project. Upon request a [Tax Exemption form](#) may be obtained from the Tulalip Tribes. [WAC 458-20-192\(5\)\(a\)\(ii\)](#) states that retail sales tax is not imposed if the retail service (e.g. construction services) is performed for the member or tribe in Indian country. In the case of retail service that is performed on and off Indian country, only the portion of the contract that relates to work done in Indian country is excluded from tax. The work done for a tribe or Indian outside of Indian country, for example a road work that extends outside of Indian country, is subject to retail sales tax.

f. Compliance with laws and regulations. Contractor shall comply with all applicable laws and ordinances, and rules, regulations, or orders of all public authorities relating to the performance of the work herein. If any of the contract documents are at variance therewith, he shall notify the Owner, through the Construction Director, promptly on discovery of such variance.

g. Responsibility for negligence of employees and subcontractors. Contractor assumes full responsibility for acts, negligence, or omissions of all other persons doing work under a contract with him.

h. Warranty of fitness of equipment and materials. Contractor represents and warrants to the Owner that all equipment and materials used in the work and made a part of any structure thereon, or placed permanently in connection therewith, will be new unless otherwise specified in the contract documents, of good quality, free of defects, and in conformity with the contract documents. It is understood between the parties that all equipment and materials that are not so in



conformity are defective.

i. Cleaning and protection. Contractor shall during handling and installation clean and protect construction in progress and adjoining materials in place. Contractor shall apply protective covering where required ensuring protection from damage or deterioration.

j. Furnishing of design and engineering plans. Upon request Contractor shall furnish the Owner or the Contract Officer and/or Construction Director all design and engineering plans for consideration and approval as to conformance with the specifications of the Contract documents.

k. Clean-up. Contractor agrees to keep the work premises and adjoining way free of waste materials and rubbish caused by his work or that of his subcontractors, and further shall remove all such waste materials and rubbish on termination of the project, together with all his tools, equipment and machinery.

l. Indemnity and hold harmless agreement. Contractor agrees to indemnify and hold harmless the Owner, its employees, and their agents from and against all claims, damages, losses, and expenses including reasonable attorney fees in case it shall be necessary for the Owner to commence or defend any action arising out of or associated in any way with performance of the work herein, which is:

1. For bodily injury, illness or death, property damage including loss of use, or other damage, and
2. Caused in whole or part by Contractor's negligent act or omission, or that of a subcontractor, or that of anyone employed by them or for whose acts Contractor or subcontractor may be liable.

m. Contractor shall defend, indemnify and hold harmless the Owner, its employees, and their agents against all loss, damage, liability, claims, lawsuits demands, or costs arising in connection with this agreement. Contractor shall reimburse the Owner for all costs reasonably incurred to defend the Owner against such claims through attorneys of the Owner's choice.

n. Contractor shall promptly notify the Owner, through the Contract Officer and/or Construction Director, of any litigation arising from or affecting its operations under this agreement, including any bankruptcy or insolvency proceedings of Contractor or of its assignees or subcontractors. Contractor shall not assign its rights under this agreement without first obtaining the Owner's written approval.

o. Payment of royalties and license fees; hold harmless agreements. Contractor agrees to pay all royalties and license fees necessary for the work and to defend all actions and settle all claims for infringement of copyright or patent rights, and to save the Owner harmless therefrom.

p. The Contractor will be required as part of this contract to provide weekly certified payrolls and be in compliance with the Tribal Employment Rights Office (TERO) requirements. The Contractor shall be required to schedule a meeting with TERO prior to the start of work on this project and provide a signed approved copy of their Compliance Plan to the Contract Officer and/or Construction Director.

q. Archaeological and Historical Objects. Archaeological or historical objects, which may be encountered by the Contractor, shall not be further disturbed. The Contractor shall immediately



notify the Contract Officer and/or Construction Director of any such finds. The Contract Officer and/or Construction Director will contact the Tribal Natural Resource and Cultural Resource Department who will determine the nature of the object(s). The Contractor may be required to stop work in the vicinity of the discovery until such determination is made. If the Tribal representative determines that the object(s) are to be surveyed, the Tribal representative may require the Contractor to stop work in the vicinity of the discovery until the survey is accomplished.

- r. Excess material. All excess material shall become the property of the Owner.
- s. The Contractor shall, whether or not federal or state funds are involved, without additional expense to the Owner, comply with all applicable laws and obtain all required licenses and permits necessary to execute the provisions of this agreement. Contractor shall file all required returns and notices.
- t. When working within the exterior boundaries of the Tulalip Indian Reservation, Contractor shall comply with all Tribal laws. Before commencing work, Contractor shall obtain all required Tribal licenses and permits. Contractor shall indemnify and hold the Owner, its employees, and their agents harmless from any and all costs, liabilities, or obligations by reason of the failure of Contractor or his or her employees, agents, subcontractors or assigns to comply with any applicable law.
- u. Contractor shall not discriminate against any employee or applicant for employment on the basis of race, color, religion, age, sex, national origin, or handicap, with regard to employment “upgrading, demotion, transfer, recruitment, advertising, layoff, termination, rates of pay, or other forms of compensation and selection for training. Notwithstanding the foregoing, Contractor shall provide preference in employment and subcontracting in accordance with The Tulalip Code, Chapter 9.05 – TERO Code as it now exists or may be hereafter amended.

SECTION NINE: TIME OF ESSENCE – EXTENSION OF TIME

All times stated herein or in the contract documents are of the essence hereof. Contract Times may be extended by a change order from the Owner, through the Contract Officer and/or Construction Director, for such reasonable time as the Owner may determine when in their opinion Contractor is delayed in work progress by changes ordered, labor disputes, fire, prolonged transportation delays, injuries, or other causes beyond Contractor's control or which justify delay. Contractor shall be entitled to an equitable adjustment in the Contract Time for changes made in the time of performance directly attributable to the Force Majeure Event, as defined below, provided it makes a notice of claim in accordance with this Section. However, Contractor shall not be entitled to any adjustment in the Contract Price resulting from a Force Majeure Event.

As used herein, a “Force Majeure Event” is an event, circumstance or condition that was unforeseeable and beyond the control of either party or their respective contractors, subcontractors, or suppliers at any tier below them. Force Majeure Events include but are not limited to:

- (i) Acts of God or public enemy;
- (ii) Acts or omissions of any government entity;
- (iii) Fire or other casualty for which Contractor or its subcontractors at any tier were not responsible;
- (iv) Quarantine or epidemic;



- (v) Strike or defensive lockout; and
- (vi) Unusually Severe Weather Conditions which could not have been reasonably anticipated.

"Unusually Severe Weather Condition" as used in this Section means weather that is more severe than the adverse weather anticipated for the project site during any given season. Unusually Severe Weather Condition as used in the prior sentence means the atmospheric conditions at the definite time and place, as measured by the National Climatic Data Center station closest to the project site, that are unfavorable to construction activities. Unusually Severe Weather Conditions must actually cause a delay to the completion of the Work and the critical path. The delay must be beyond the control and without the fault or negligence of the Contractor. For any Claims related to an Unusually Severe Weather Condition, the Contractor must comply with and make a notice of claim in accordance with this Section.

Any request by the Contractor for an extension of time shall be made in writing to the Owner, through the Contract Officer and/or Construction Director, no more than ten (10) days after the initial occurrence of any condition which, in the Contractor's opinion, entitles the Contractor to an extension of time. Failure to timely provide such notice to the Owner shall constitute a waiver by the Contractor of any claim for extension, damages or mitigation of Liquidated Damages, to the fullest extent permitted by law.

SECTION TEN: CORRECTING NON-CONFORMING WORK

If a portion of the work is covered contrary to the Contract Officer and/or Construction Director request or to requirements specifically expressed in the Contract documents, it must, if requested in writing by the Contract Officer and/or Construction Director, be uncovered for the Contract Officer and/or Construction Director's and or Architect's examination and be replaced at the Contractor's expense without change in the Contract Time.

If a portion of the Work has been covered which the Contract Officer and/or Construction Director has not specifically requested to examine prior to its being covered, the Contract Officer and/or Construction Director may request to see such work and it shall be uncovered by the Contractor. If it is determined that such work has been performed in accordance with the Contract documents all costs incurred by Contractor to uncover and replace the work shall, by appropriate change order, be reimbursed by the Owner. If such work is found not to be in accordance with the Contract documents, any and all required corrections shall be assigned to the Contractor unless the condition was caused by the Owner or a separate contractor in which event the Owner shall be responsible for payment of such costs.

When it appears to any authorized representative of the Owner or Contractor during the course of construction that any work does not conform to the provisions of the contract documents, Contractor shall make necessary corrections so that such work will so conform, and in addition Contractor will correct any defects caused by him or by a subcontractor, appearing within one year from the date of issuance of a certificate of Contract completion by the Owner, or within such longer period as may be prescribed by law or as may be provided for by applicable special guarantees in the contract documents.

SECTION ELEVEN: CHANGES IN THE WORK

The Owner reserves the right to order changes in the work in the nature of additions,



deletions or modifications, without invalidating the Contract, and agrees to make corresponding adjustments in the Contract Price and time for completion, if justified. Any such changes will be authorized by a written change order signed by an authorized representative of the Owner. The change order will include conforming changes in the Contract and completion time. Work shall be changed, and Contract Price and completion time shall be modified only as set out in the written change order. Any adjustment in the Contract Price resulting in a deductive credit or a charge to the Owner shall be determined by the mutual agreement of the parties to the Contract.

SECTION TWELVE: TERMINATION

The Owner may terminate this agreement on ten (10) days written notice and in such case Contractor shall only be entitled to payment for work performed prior to receipt of said notice. Additionally, the Owner may immediately suspend operations under this agreement by written notice of any breach. Suspension shall continue until the Owner's authorized representative certifies in writing that the breach is remedied. If Contractor is still in breach after seven (7) days from the notice of suspension, the Owner may, without further notice, terminate all rights of Contractor under this agreement.

Any failure by the Owner to suspend or terminate this agreement in case of breach shall not waive Contractor's duty to perform strictly in accordance with this agreement. Failure by Contractor to perform on its part any duty, term or condition herein shall constitute a breach.

Any notice sent under this Section may either be sent by personally giving a copy thereof to Contractor or its agents, employer or contractors or mailing a copy to the address set forth herein.

SECTION THIRTEEN: DISPUTES AND RESERVATION OF SOVEREIGN IMMUNITY

The Consolidated Borough of Quil Ceda Village or the Tulalip Tribes of Washington reserves its sovereign immunity. However, the Quil Ceda Village will work to amicably resolve any dispute via non-binding mediation.

SECTION FOURTEEN: EMPLOYMENT PREFERENCE

Contractor recognizes and agrees that Contractor and Contractor's subcontractors are bound by The Tulalip Code, Chapter 9.05 – TERO Code.

SECTION FIFTEEN: CONTRACTING PREFERENCE



Contractor recognizes and agrees that Contractor and Contractor's subcontractors are bound by The Tulalip Code, Chapter 9.05 – TERO Code.

SECTION SIXTEEN: CONTRACT INSURANCE

CONTRACTOR'S LIABILITY INSURANCE

Contractor shall purchase and maintain such liability and other insurance as will protect the Tulalip Tribes, WSDOT, and the Contractor from claims or losses which may arise out of or result from the Contractor's performance or obligations under the contract documents, whether due to action or inaction by the Contractor or any person for whom the Contractor is responsible. Contractor shall provide insurance coverage and limits as indicated in the [Special Provisions, Section 1-07.18 Public Liability and Property Damage Insurance](#)

CONTRACTOR'S WORKER'S COMPENSATION

All employees of Contractor and subcontractor(s) are to be insured, including qualified self-insured plans, under Washington State Industrial Insurance as well as in compliance with any Federal workers compensation regulations including USL&H and Jones Act Coverages. Employees not subject to the State Act are to be insured under Employer's Contingent Liability (Stop Gap) \$1,000,000 on accident and aggregate.

Such evidence of insurance shall be in the form of an Insurance Certificate issued by the State of Washington Department of Labor and Industries or an insurer satisfactory to the Tulalip Tribes and shall provide for not less than thirty (30) days prior written notice to the Contacting Agency of cancellation or reduction in coverage.

BUILDER'S RISK

The Tulalip Tribes shall provide and maintain, during the progress of the work and until the execution of the certificate of Contract Completion, a Builder's Risk Insurance policy to cover all on-site work in the course of construction including false work, temporary buildings and structures and materials used in the construction process. The amount of coverage is based upon the total completed value of the project (including the value of permanent fixtures and decorations.) Such insurance shall be on a special cause of loss form and may include such other coverage extension as the Tulalip Tribes deem appropriate. Unless otherwise provided for through agreement, the contractor experiencing any loss claimed under the Builder's Risk policy shall be responsible for up to \$10,000 of that loss. Contractor may provide its own builder's risk or installation insurance coverage for amounts up to the \$10,000 deductible. Contractor is responsible for insuring their property in transit, in temporary storage away from the site as well as their own tools, equipment and any employee tools.

Incidents related to pollution and contamination are specifically excluded from the Builders Risk Insurance policy.

To be eligible to make a claim under the Tulalip Tribes' Builders Risk Insurance policy, Contractor shall be responsible to secure all materials and or equipment stored on the project site in a secured fenced area.

SECTION SEVENTEEN: OTHER PROVISIONS



Any and all reports, data, findings or other materials or deliverables under this agreement shall become the property of and remain under the sole proprietorship of the Owner. Contractor will keep all information learned under this agreement confidential and will not release any such information, either orally or in writing, to parties other than the Owner, its agents, contractors or employees without the express written permission of the Owner.

The Owner and Contractor each binds themselves and their partners, agents, assigns, successors and legal representatives of such other party to this agreement and to the partners, successors and legal representatives of such other party with respect to all terms and conditions of this agreement.

Neither the Owner nor Contractor shall delegate, assign, sublet or transfer their duties or interest in this agreement without the written consent of the other party. Any such assignment, sublet, delegation or transfer shall be subject to the same terms and conditions as this agreement.

The negotiation and execution of this agreement shall be deemed by the parties to have occurred within the exterior boundaries of the Tulalip Indian Reservation and any interpretation thereof shall be in accordance with the laws of the Tulalip Tribes of Washington.

The failure of the Tulalip Tribes to assert any claim or right at any time under this agreement shall not waive its right to assert any claim or right at a later time.

SAF



IN WITNESS WHEREOF, the parties have executed this agreement at the Tulalip Indian Reservation, Washington, on the date first above written.

APPROVED BY CONTRACTOR:

(Company Name)

(Print Name & Title)

By:

(Authorized Signature)

APPROVED BY THE CONSOLIDATED BOROUGH OF QUIL CEDA VILLAGE:

Quil Ceda Village General Manager:

Kevin Jones / General Manager

(Print Name & Title)

By:

(Authorized Signature)

Contract Officer:

Casey Wren / Project Manager

(Print Name & Title)

By:

(Authorized Signature)

CONFIDENTIALITY AGREEMENT

Upon award of a Contract the successful Bidder shall provide the Consolidated Borough of Quil Ceda Village with a completed and signed Confidentiality Agreement as set forth herein.

Successful Bidder shall also provide the Consolidated Borough of Quil Ceda Village with a Confidentiality Agreement completed and signed by all lower tier contractors and or suppliers whom may perform Work on the Project.

I / we, the undersigned, have been provided certain confidential and proprietary information (“*Confidential Information*”) regarding the Consolidated Borough of Quil Ceda Village for the Project identified as **QCV Street Light Repairs, QCV-CPR-026-001** “*Confidential Information*” shall include, without limitation, all financial information, data, materials, products, manuals, business plans, marketing plans, Project design documents, or other information disclosed or submitted orally, in writing, or by any other media.

The undersigned acknowledges that this Confidential Information is sensitive and confidential in nature, and that the disclosure of this information to anyone not part of this agreement would be damaging to the Consolidated Borough of Quil Ceda Village.

In consideration of the premises herein contained, I / we understand and agree that I / we will not disclose any “*Confidential Information*” regarding this “*Project*” to any person(s) not privy to this agreement. Furthermore, I / we will not disclose any of this information directly or indirectly to any competitor of the Consolidated Borough of Quil Ceda Village.

Agreed to and accepted:

SIGNATURE: _____

PRINTED NAME: _____

TITLE: _____

DATE: _____

SCOPE OF WORK

PART 1: GENERAL CONDITIONS

1.1. GENERAL NOTE

- 1.1.1. Where a specific item of Work is not defined, but is normally inherent to a trade it shall be the responsibility of the Prime Contractor to include the Work in its Bid Proposal.

1.2. CONTRACTOR USE OF SITE

- 1.2.1. Perform Work at site in areas permitted by law, permits, and Contract Documents.
- 1.2.2. Do not unreasonably encumber site with materials or equipment, and do not load structure with weight that will endanger structure. Storage of any materials or equipment shall be coordinated with the Project Manager prior to delivery on-site. Materials shall be delivered to site on an as needed basis.
- 1.2.3. Site access: Access to the site for deliveries and operations shall be coordinated with the Project Manager and shall be performed in accordance with all local, city, county, and/or Village requirements.
- 1.2.4. Contractor's normal working hours shall be 7:30 AM to 4:00 PM, Monday through Friday. Work performed outside these hours shall be subject to approval of the Project Manager.
 - 1.2.4.1 All requests for work outside normal working hours shall be submitted in Writing to the Project Manager a minimum of 72 hours prior to the requested period.
 - 1.2.4.2 If performance of Contractor's work results in the production of excessive fumes, the Project Manager may require said work to be performed after normal business hours.
- 1.2.5. Contractor shall provide and maintain an appropriate number of 20# ABC fire Extinguishers to be used for general use throughout the duration of the Project.

PART 2: BID PACKAGE DESCRIPTION

2.1. SUMMARY

- 2.1.1. Each Contractor shall supervise his Work, using his best skills and attention. Contractor shall be solely responsible for construction means, methods, techniques, sequences, dimensions and procedures and or coordinating all portions of their Work
- 2.1.2. The Tulalip Tribes of Washington is a federally recognized Indian Tribal government with a constitution and bylaws approved by the [United States Secretary of the Interior](#). See: [65 Federal Register 13298, 13301 \(March 13, 2000\)](#). As a recognized tribal government, the Tulalip Tribes of Washington and all of its governmental agencies, is a tax exempt entity. See: [26 USC §7871](#), and Washington Administrative Code Excise Tax Rule 192 ([WAC 458-20-192](#)). A citation of this code can be viewed at the Washington State Department of Revenue's "[Doing business in Indian Country](#)." This project is Tax Exempt from all Sales and/or Use Taxes for all materials and supplies incorporated in construction of the Work that become a permanent part of the Project. Upon request a [Tax Exemption form](#) may be obtained from the Construction Manager.
- 2.1.3. All parties agree that they are responsible for compliance with all tribal, local, and federal laws, regulations, and standards that pertain to safety, as those laws, regulations, and standards apply to their employees. All parties recognize that the responsibility for employee safety rests with each employer respectively. Each contractor (prime or sub) shall be responsible for the safety of its own employees. The Construction Manager accepts no responsibility for, nor will it provide any safety consultation, monitoring, or enforcement to any contractor on the site concerning the safety of contractor's employees. Any safety equipment needed on the job, including but not limited to PPE, shall be furnished by each contractor for its employees.
- 2.1.4. Each contractor, AS A MINIMUM, shall follow all tribal, local, and federal laws regarding worker safety. This shall include all requirements of OSHA and referenced standards therein included.
- 2.1.5. All contractors shall follow OSHA requirements AS A MINIMUM, including but not limited to while on the Project site. As a minimum, all personnel shall wear a sleeved shirt, long pants, work boots, and a hardhat at all times inside the construction limits. This specifically includes delivery drivers and supplier unloading personnel.
 - 2.1.5.1. Horseplay and other unsafe conduct is strictly prohibited.
 - 2.1.5.2. Alcoholic beverages, non-prescription (illegal) drugs, firearms, fireworks, explosives, or weapons are not allowed on Project property.

- 2.1.5.3. No workers are to smoke in the building or within the confines of the site during any phase of construction. This policy also applies to all smokeless tobacco products.
- 2.1.5.4. Theft, abuse, or destruction of property, tools, equipment or materials will not be tolerated.
- 2.1.5.5. Contractors and all of their employees, including those of subcontractors and suppliers, shall abide by any and all rules the Project Manager or the Owner may have in effect or hereinafter put into effect at the site of the Work including those pertaining to worker and Owner personnel safety, use of cameras, and security procedures or requirements.
Contractor shall remove from the Project site any employee violating these rules at the request of the Owner or Project Manager.
- 2.1.5.6. All Contractors shall distribute a copy of work rules and shall periodically review with tradesmen in weekly Safety meetings. All Contractors shall daily monitor the project to assure that all rules are complied with.
- 2.1.6. Indiscriminate accumulations of debris, waste, or scrap in work areas will not be permitted. (Areas must be designated for storage or disposal.) All materials, tools, and equipment must be stored in an orderly manner in designated areas.
- 2.1.7. Each Contractor shall be responsible for the protection and security of their equipment, tools, materials, and finished work until Contract Completion is achieved. Damage to or theft of any tools, equipment, or materials, whether incorporated into the work or not, prior to Contract Completion, shall be repaired and or replaced at Contractor's expense. Contractors shall provide protection and security of all Work at all times. Notify Project Manager immediately of any damage or theft incidents.
- 2.1.8. DAILY CLEANUP of each Contractor's trash & debris is mandatory for this Project and is included in the Contract. Contractor shall remove all debris created by the performance of their Work from the Project site.

PART 3: SPECIAL CONDITIONS - SPECIFICATIONS

3.1 INSTALLATION:

- 3.1.1. All work shall meet WSDOT standard specifications for road, bridge, and municipal construction: "Standard Specifications".
- 3.1.2. System components to be repaired/replaced include approximately 15 Concrete Foundations with conduit and anchor bolts, 15 octagonal concrete poles, 10 single 8' arms, 5 double 8' arms, luminaires, fuses, and wiring.
- 3.1.3. Contractor shall inspect entire system during service and notify QCV Project Manager of any deficiencies or areas of concern.
- 3.1.4. Contractor shall make arrangements for off-site disposal of debris. The Owner will not provide a disposal location within the boundaries of Quil Ceda Village.
- 3.1.5. Contractor shall install provided concrete poles on new concrete foundations.
- 3.1.6. Contractor shall be responsible for all necessary wiring, and contractor shall test fixtures to ensure good working order prior to physical completion. Contractor shall coordinate wiring and power up/ down with SnoPUD as necessary.
- 3.1.7. Contractor shall inspect all service cabinets and junction boxes, and replace fuses as needed.
- 3.1.8. Contractor shall submit MSDS and/or TDS for all proposed materials to be used for the project.

3.2 TRAFFIC CONTROL:

- 3.2.1. Contractor shall be responsible for providing all signage, barricades, flaggers, and other traffic control as necessary for the Project.
- 3.2.2. Contractor shall submit a Traffic Control Plan within 7 days after receiving a Notice of Intent to Award from the Owner. Plan must be approved by owner prior to work commencement.
- 3.2.3. Contractor shall make every effort to minimize traffic pattern disruption for the duration of the Project.
- 3.2.4. Contractor shall comply with all Tribal, State, and Local codes regarding traffic control.

3.3 SCHEUDLE:

- 3.3.1. Contractor shall submit a Phase Work Plan within 7 days after receiving a Notice of Intent to Award from the Owner, describing specific locations, dates, and time frames of each section of the work to be performed.

- 3.3.2. The Phase Work Plan and related schedule must be approved in writing by the Owner prior to work commencement.
- 3.3.3. All base bid work related to the Project shall be performed between March 2, 2026 and June 1, 2026. Anticipated duration of the Project is 12 weeks.

3.4 DAMAGE:

- 3.4.1. Any damage caused by the Contractor's operation to the existing landscaping, irrigation system, signage, existing light poles, or culverts shall be repaired or replaced at the sole expense of the Contractor.

3.5 EMERGENCY SERVICE:

- 3.5.1. Contractor shall be available to respond to requests for emergency service within two (2) hours of receiving a notification on a 24 hours per day basis. Notifications can be in writing, text, or phone call and Contractor shall provide contact information for their designated representative for emergency services. Failure to respond to an emergency request in the designated time may result in termination of the contract.
- 3.5.2. Emergency services are defined as any unexpected situation that can arise from damage or theft to the street light system that could possibly result in a public safety risk.

3.6 WARRANTY:

- 3.6.1. Contractor shall warranty all workmanship to be free of defects for a period of one (1) Year from the date of Final Completion.

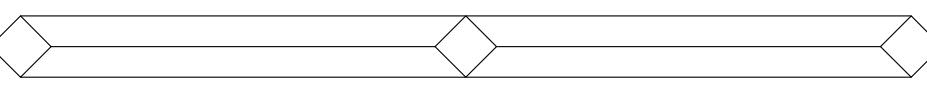
(End Of Scope of Work)

EXHIBIT “A”

SPECIFICATIONS AND DRAWINGS

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF INDIAN AFFAIRS



PROJECT NO. XXXXX

TULALIP INDIAN RESERVATION

27TH AVENUE NE ILLUMINATION PROJECT
SNOHOMISH COUNTY
WASHINGTON
LENGTH 2.0 MILES



DESIGN STANDARDS:

AVERAGE MAINTAINED ILLUMINATION LEVEL=0.9Hfc

UNIFORMITY RATIO (AVE: MIN) = 3(MAX):1

MAINTENANCE FACTOR = 0.65

ROAD CLASSIFICATION: MINOR ARTERIAL

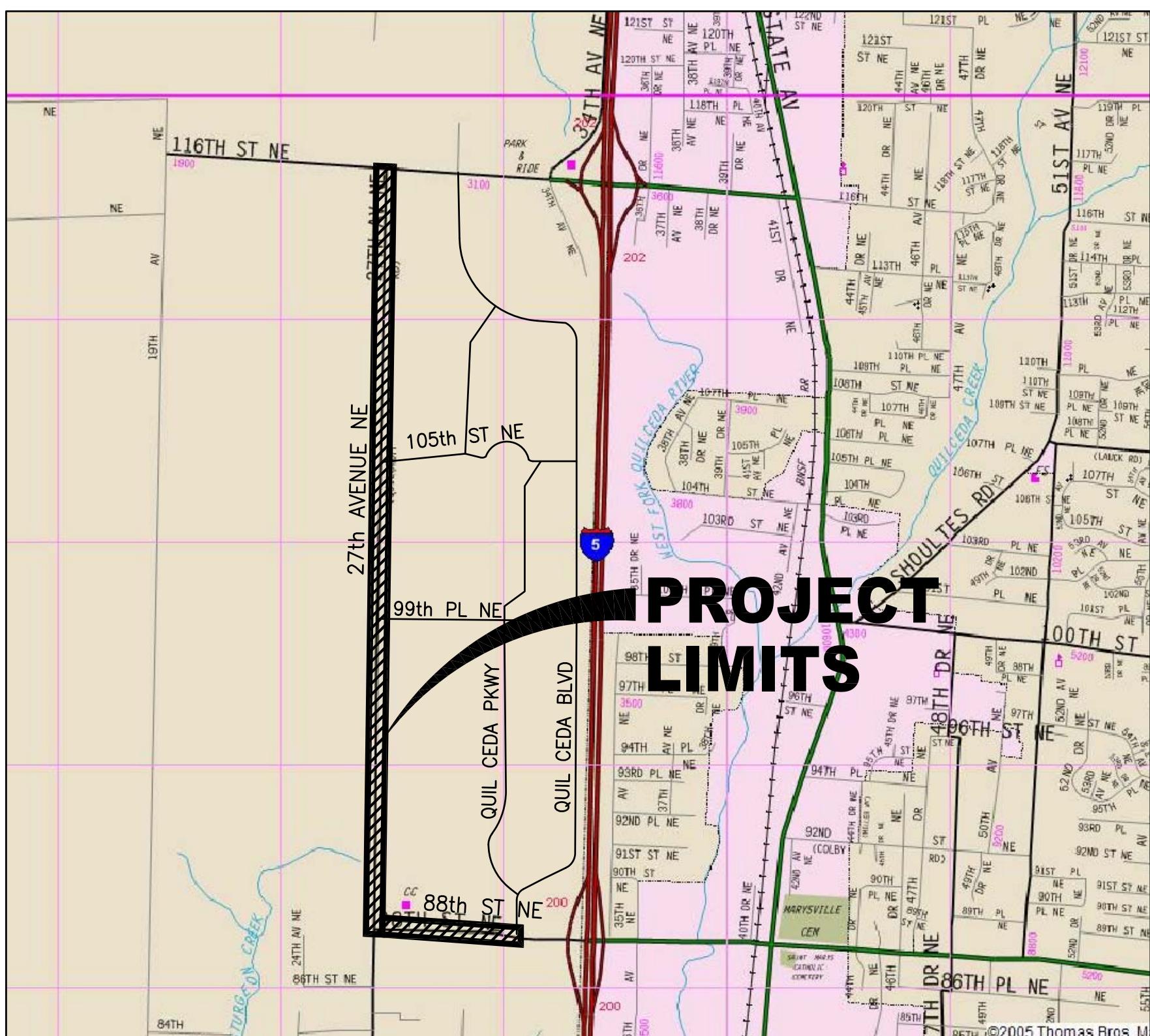
STANDARD SPECIFICATIONS:

SNOHOMISH COUNTY STANDARDS

WSDOT STANDARD DETAILS

RP-8-00 ILLUMINATING ENGINEERING
SOCIETY OF NORTH AMERICA

Debbie Bray - Project Manager
Lukas Reyes - Quil Ceda Village Public Works Director
Gus Taylor - Tulalip Tribes Public Works Director
Danny Simpson - Executive Director Tulalip Tribes Natural Resources
Steve Cobin - Quil Ceda Village General Manager
Melvin Sheldon - Tulalip Tribes Chairman



INDEX TO DRAWINGS

DWG NO.	SHT NO.	SHEET TITLE
GENERAL	G1	TITLE SHEET, LOCATION AND VICINITY MAPS, AND INDEX TO DRAWINGS
	G2	GENERAL NOTES, LEGEND AND ABBREVIATIONS
ILLUMINATION	ILL1	ILLUMINATION PLAN
	ILL2	ILLUMINATION PLAN
	ILL3	ILLUMINATION PLAN
	ILL4	ILLUMINATION PLAN
	ILL5	ILLUMINATION PLAN
	ILL6	ILLUMINATION PLAN
	ILL7	ILLUMINATION SCHEDULES
	ILL8	ILLUMINATION DETAILS



PORTIONS OF SECTIONS 20 AND 29, T. 30 N., R. 5E., W. M. SNOHOMISH COUNTY, WA.

ABBREVIATIONS

AP	ANGLE POINT	EXL	EXCAVATE
APPD	APPROVED	FC	FLEXIBLE CONNECTION
APPROX,~	APPROXIMATE	FCA	FLANGE COUPLING ADAPTER
ARV	AIR RELEASE VALVE	FCR	FINE CRUSHED ROCK
ASB	ASBESTOS	FG	FINISH GRADE
ASPH	ASPHALT	FH	FIRE HYDRANT
ASSY	ASSEMBLY	FIG	FIGURE
AVE	AVENUE	FIN	FINISH, FINISHED
AVG	AVERAGE	FL	FLOW LINE
BC	BEGINNING OF CURVE, BOLT CIRCLE	FLEX	FLEXIBLE
BCR	BEGINNING OF CURVE CENTER	FLG	FLANGE, FLANGED
BET	BETWEEN	FM	FORCE MAIN
BF	BLIND FLANGE	FPC	FLEXIBLE PIPE COUPLING
BFG	BIOCELL FINISHED GRADE	FRP	FIBERGLASS REINFORCED PLASTIC
BLDG	BUILDING	FT	FEET, FOOT
BLVD	BOULEVARD	FUT	FUTURE
BM	BEAM, BENCH MARK	FOW	FRONT OF WALK
BO	BLOW OFF	G	GAS
BOT	BOTTOM	GALV	GALVANIZED
BRG	BEARING	GC	GROOVED COUPLING
BUV	BUTTERFLY VALVE	GR	GRADE
BVC	BEGIN VERTICAL CURVE	GV	GATE VALVE
BOW	BACK OF WALK	HB	HOSE BIBB
CAP	CAPACITY	HDPE	HIGH DENSITY POLYETHYLENE
CB	CATCH BASIN	HORIZ	HORIZONTAL
CCP	CONCRETE CYLINDER PIPE	HT	HEIGHT
CCSP	CONCRETE LINED AND COATED STEEL PIPE	HWY	HIGHWAY
CCW	COUNTER CLOCKWISE	IE	INVERT ELEVATION
CDF	CONTROLLED DENSITY FILL	IN	INCH
CEM	CEMENT	INCL	INCLUDE, INCLUDING
CHV	CHECK VALVE	INFO	INFORMATION
CI	CAST IRON	INSTL	INSTALL, INSTALLATION
CIP	CAST IN PLACE, CAST IRON PIPE	INT	INTERIOR, INTERSECTION
CIR	CIRCLE	INV	INVERT
CJ	CONSTRUCTION JOINT	LF	LINEAR FEET, LINEAR FOOT
CLR	CLEAR, CLEARANCE	LOC	LOCATION
CMP	CORRUGATED METAL PIPE	MALL	MALLEABLE
CMU	CONCRETE MASONRY UNIT	MH	MANHOLE
CND	CONDUIT	MISC	MISCELLANEOUS
CO	COUNTY, CLEANOUT	MJ	MECHANICAL JOINT
COMM	COMMUNICATIONS	MON	MONUMENT
CONC	CONCRETE	MW	MONITORING WELL
COND	CONDITION	N	NORTH, NORTHING
CONN	CONNECT, CONNECTION	NC	NORMALLY CLOSED
CONST	CONSTRUCT, CONSTRUCTION	NO	NORMALLY OPEN
CONT	CONTINUE, CONTINUOUS	OC	ON CENTER
CONTR	CONTRACTOR	OVHD	OVERHEAD
CORR	CORRUGATED, CORRUGATION	P	PUMP, POWER
COTG	CLEAN OUT TO GROUND	PC	POINT OF CURVATURE
CPLG	COUPLING	PCC	PORTLAND CEMENT CONCRETE
CSBC	CRUSHED SURFACING BASE COURSE	PERF	PERFORATE, PERFORATED
CSTC	CRUSHED SURFACING TOP COURSE	PI	POINT OF INTERSECTION, PRESSURE INDICATO
CTR	CENTER	POC	POINT ON CURVE
CULV	CULVERT	PP	POWER POLE
CV	CONTROL VALVE	PT	POINT OF TANGENCY, POINT
CY	CUBIC YARD	PVI	POINT OF VERTICAL INTERSECTION
BEG	DEPTH, DENSITY, DRAIN, DRAINAGE	RAD	RADIUS
DEMO	DEGREE	RC	REINFORCED CONCRETE
DET	DEMOLITION	RCP	REINFORCED CONCRETE PIPE
DI	DETAIL	RD	ROAD, ROOF DRAIN
DIA	DUCTILE IRON	RED	REDUCER
DIM	DIAMETER	REQD	REQUIRED
DIP	DIMENSION	ROW	RIGHT OF WAY
DISCH	DUCTILE IRON PIPE	RR	RAILROAD
DIST	DISCHARGE	SD	STORM DRAIN
DMH	DISTANCE, DISTRICT	SDMH	STORM DRAIN MANHOLE
DN	DRAINAGE MANHOLE	SE	SPOT EVALUATION
DSGN	DOWN	SIG	SIGNAL
DWG	DESIGN	SPEC	SPECIFICATION
	DRAWING	SS	SANITARY SEWER
E	EAST, EASTING	SSMH	SANITARY SEWER MANHOLE
EA	EACH	T, TEL	TELEPHONE
EC	END OF CURVE	TDA	THRESHOLD DISCHARGE AREA
EJ	EXPANSION JOINT	TOB	TOP OF BANK
EL	ELEVATION	TOC	TOP OF CONCRETE, TOP OF CURB
EMBD	EMBED, EMBEDDED	TRANS	TRANSPORTATION
ENGR	ENGINEER	TWLTL	TWO-WAY LEFT TURN LANE
EOP	EDGE OF PAVEMENT	TYP	TYPICAL
EQ	EQUAL	UP	UTILITY POLE
EQUIP	EQUIPMENT	VC	VERTICAL CURVE, VITRIFIED CLAY
EQUIV	EQUIVALENT	W	WATER, WATT, WEST, WIDTH
ES	EACH SIDE	WSDOT	WASHINGTON STATE DEPARTMENT
EVC	END VERTICAL CURVE		OF TRANSPORTATION
EW	EACH WAY	XFMR	TRANSFORMER
EWCT	EWCT		

GENERAL NOTES (ILLUMINATION):

1. UTILITY LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. SOME UTILITIES MAY NOT BE SHOWN. ALL UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO EXCAVATION. CALL (800) 424-5555 FOR UTILITY LOCATION SERVICES.
2. POLE LOCATIONS MAY BE SLIGHTLY ADJUSTED AS REQUIRED TO AVOID UTILITY CONFLICTS. FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO EXCAVATION.
3. CONDUIT ON BOTH ROADWAYS SHALL BE INSTALLED TO ACCOMMODATE FUTURE ROADWAY WIDENING AND RECONSTRUCTION AS NOTED BELOW.

MAIN LINE CONDUIT TRENCH SHALL BE LOCATED TO THE OFFSET OR WITHIN THE OFFSET LIMITS INDICATED BELOW UNLESS SHOWN OTHERWISE ON THE PLANS:

27TH AVENUE NE: BETWEEN 31' AND 35' FROM CENTERLINE.

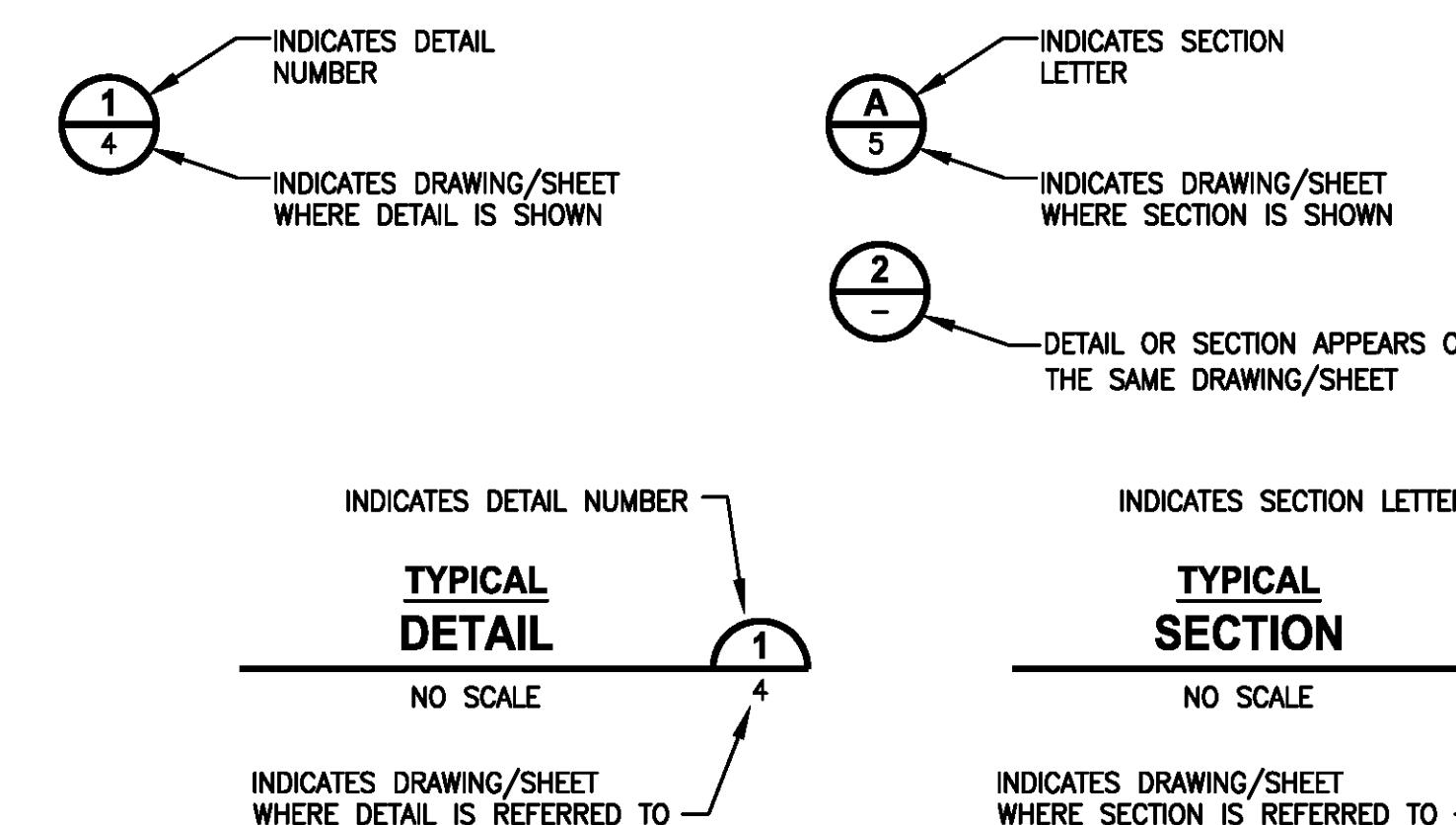
88TH STREET NE:

NORTH SIDE OF ROADWAY: BETWEEN 31' AND 32' FROM CENTERLINE

SOUTH SIDE OF ROADWAY: 35' FROM CENTERLINE

ALL CONDUITS SHALL HAVE MINIMUM 36' COVER.

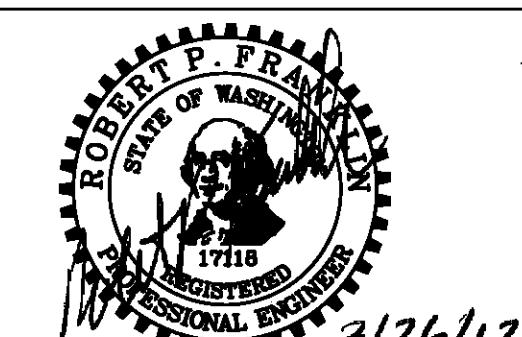
DETAIL AND SECTION DESIGNATION



CATCH BASIN/MANHOLE CALL OUT

CB#3A CONCRETE INLET
VA STA 3+27.40 (21.0' RT)
RIM ELEV.=67.69
IE OUT 65.02 (8"NW)

△ REVISED DATE: Mar 26, 2012 -	REVISIONS	DATE	BY	DESIGNED R. FRANKLIN
				DRAWN V. RUBASHKA
				CHECKED AF
				APPROVED AF



ONE INCH AT FULL SCALE IF NOT, SCALE ACCORDINGLY	
FILE NAME	
SU1598042P01T02-G	
JOB No.	216-1598-042
DATE	JULY 2011

The image shows a logo for Parametrix. On the left, the word "Parametrix" is written in a white, sans-serif font inside a black rectangular box. To the right of the logo is a vertical white line. Below the line, the text "ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES" is written in a white, all-caps, sans-serif font. At the bottom of the image, there is a thin white horizontal line. To the left of this line, the company's address and contact information are listed in a white, sans-serif font: "1019 39TH AVENUE SE, SUITE 100", "PUYALLUP, WASHINGTON 98374", "T. 253.604.6600 F. 253.604.6799", and "www.parametrix.com".

PROJECT NAME

27TH AVE NE ILLUMINATION

PROJECT 116TH ST NE TO QUILCEDA BLVD.

THE TULALIP TRIBES

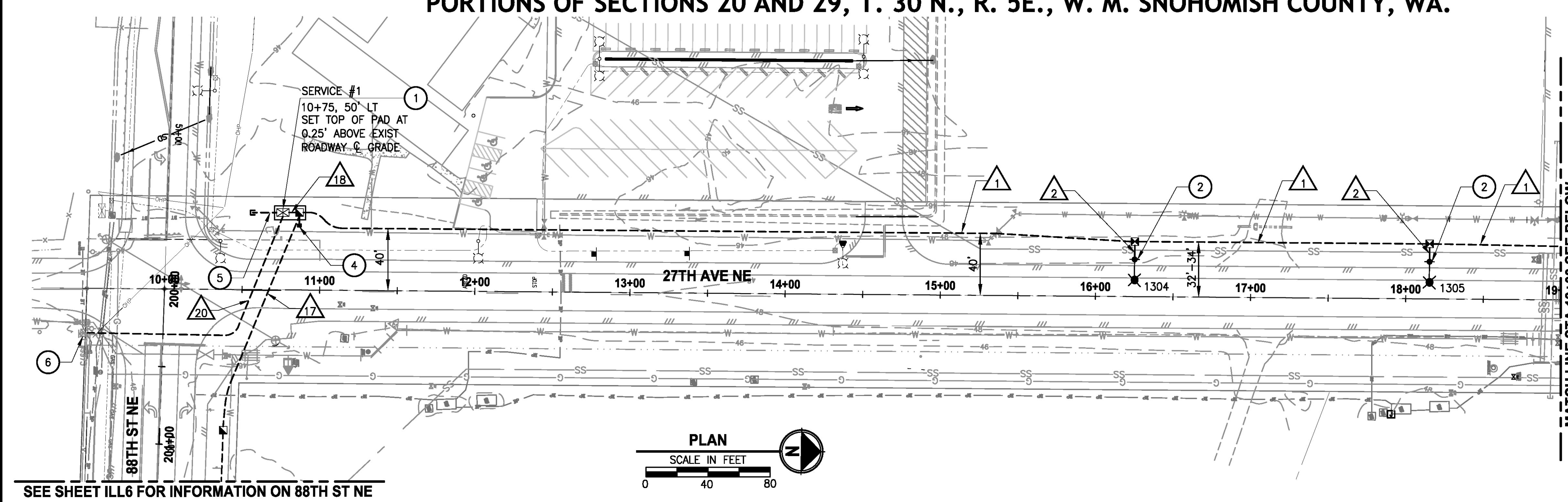
SNOHOMISH COUNTY, WASHINGTON

GENERAL NOTES, LEGEND AND ABBREVIATIONS

**DRAWING NO.
2 OF 10**

G2

PORTIONS OF SECTIONS 20 AND 29, T. 30 N., R. 5E., W. M. SNOHOMISH COUNTY, WA.

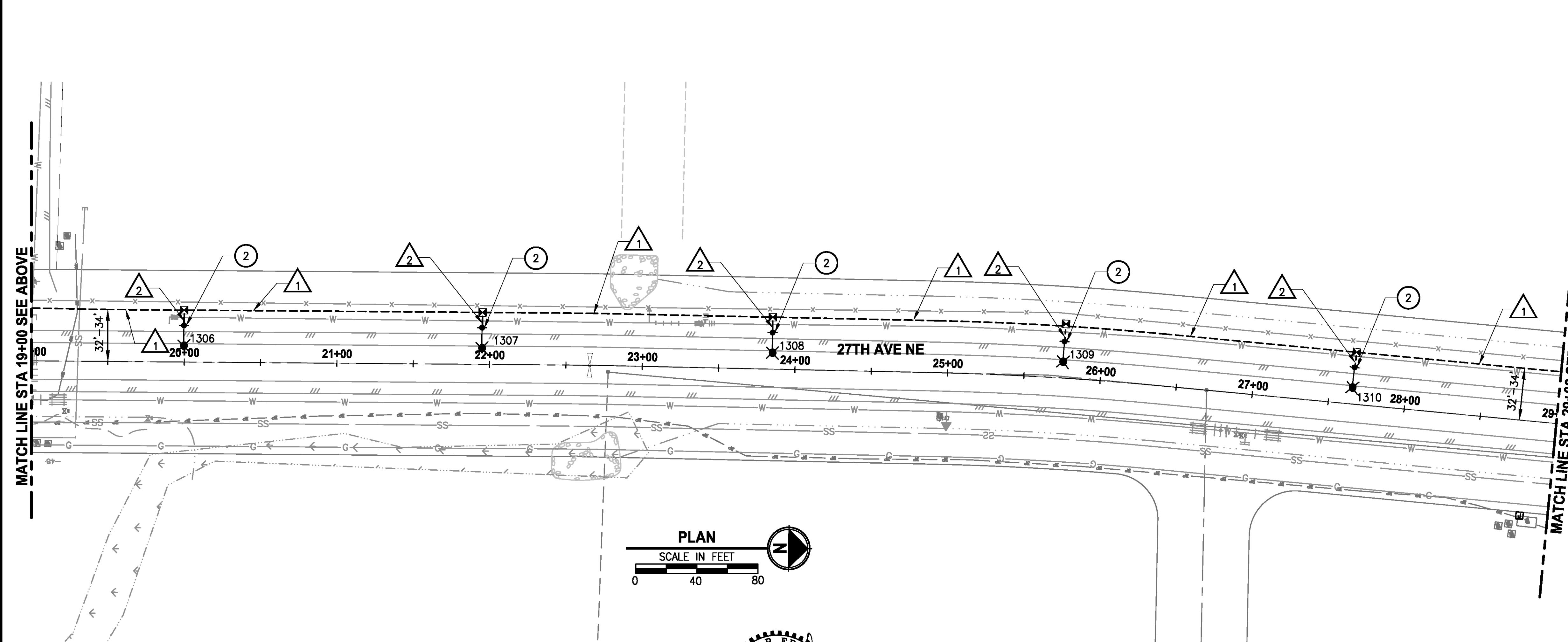


CONSTRUCTION NOTES:

- 1 CONSTRUCT FOUNDATION AND CONCRETE PAD AT LOCATION SHOWN. FURNISH AND INSTALL PAD MOUNT SERVICE CABINET AND INTERNAL COMPONENTS AS SPECIFIED FOR A MODIFIED TYPE B SERVICE. FURNISH AND INSTALL WSDOT TYPE 2 JUNCTION BOX ON PAD ADJACENT TO SERVICE CABINET. SEE BREAKER SCHEDULE AND WSDOT STANDARD PLANS.
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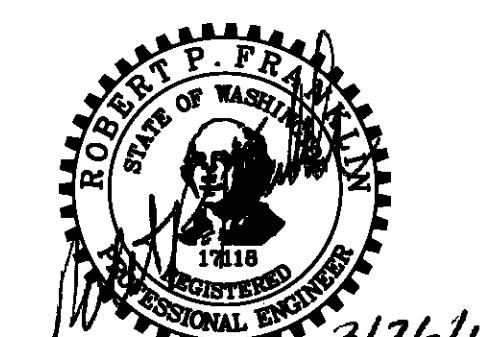
NOTE:

THE BASE DRAWINGS WERE PROVIDED BY OTHERS AND THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE NOT VERIFIED IN THE FIELD BY UNCOVERING.



△	REVISIONS	DATE	BY	DESIGNED
				R. FRANKLIN
				DRAWN V. RUBASHKA
				CHECKED AF
				APPROVED AF

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FILE NAME	XSU1598042PO1T02-DE
JOB NO.	216-1598-042
DATE	JULY 2011



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PROJECT NAME
27TH AVE NE ILLUMINATION
PROJECT 116TH ST NE TO QUILCEDA BLVD.
THE TULALIP TRIBES
SNOHOMISH COUNTY, WASHINGTON

ILLUMINATION PLAN

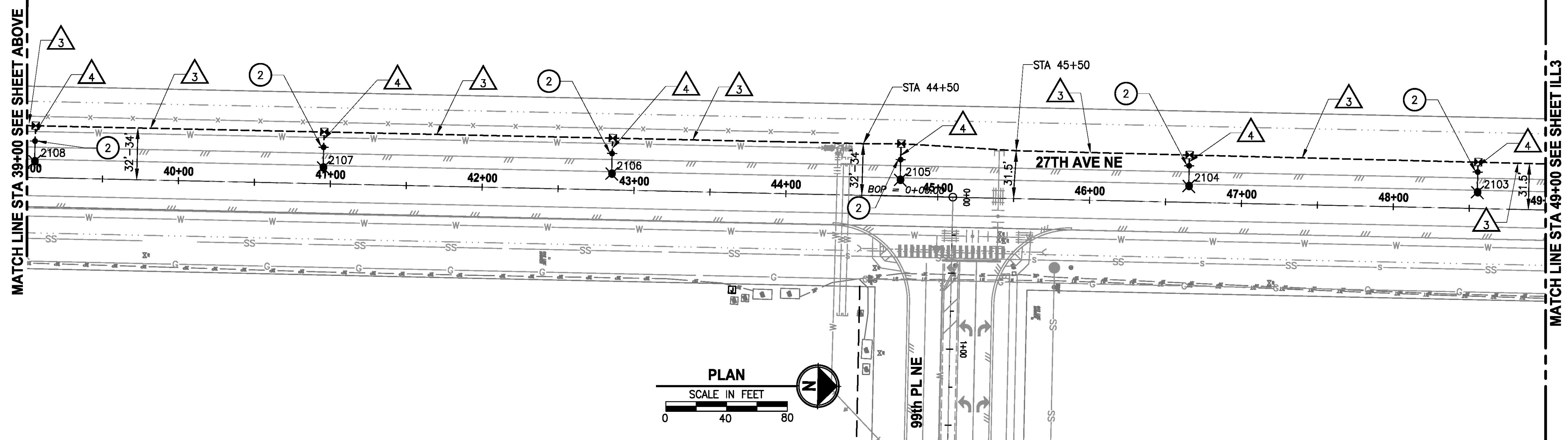
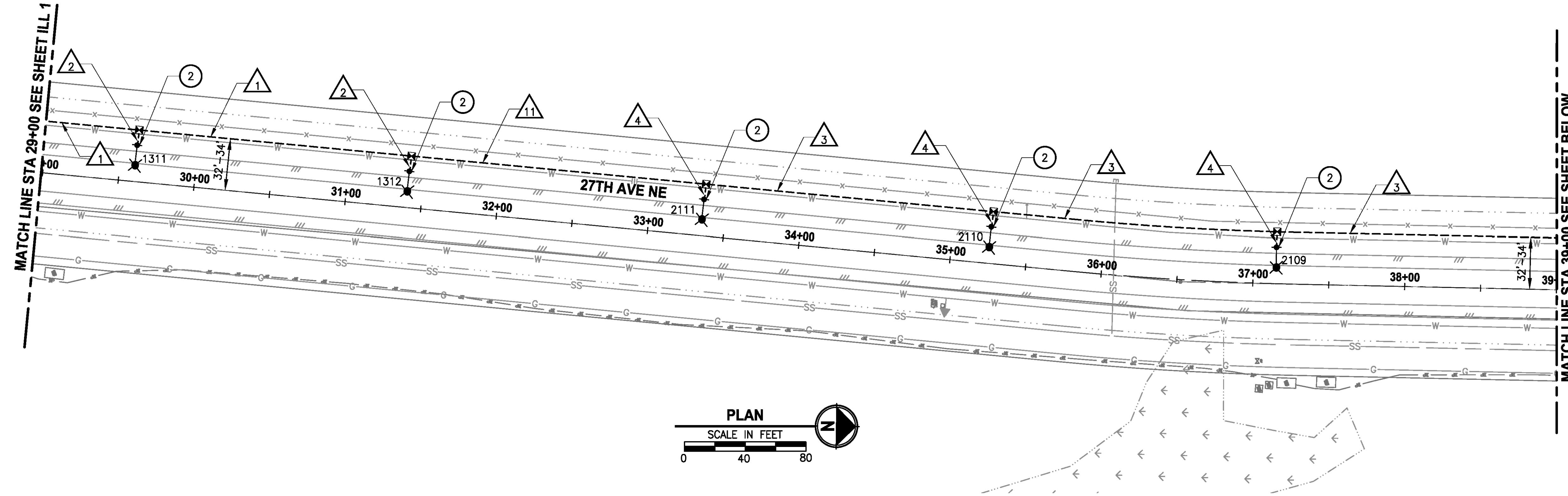
DRAWING NO.
3 OF 10
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PORTIONS OF SECTIONS 20 AND 29, T. 30 N., R. 5E., W. M. SNOHOMISH COUNTY, WA.

CONSTRUCTION NOTES:

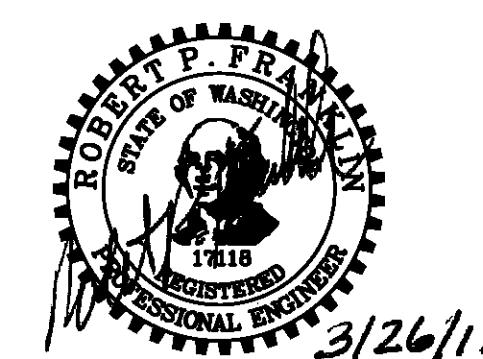
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IMAGES: AF1 | AF2 | BF | Marpole | 27th | 99th | Tulalip Tribes-1 | Tulalip Tribes-2 | Tulalip Tribes-3 | R0H-AREAL | RFF-1 | R02 | DAVES STAMP
AREF S: XSU1598042P01T02-DK



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				R. FRANKLIN
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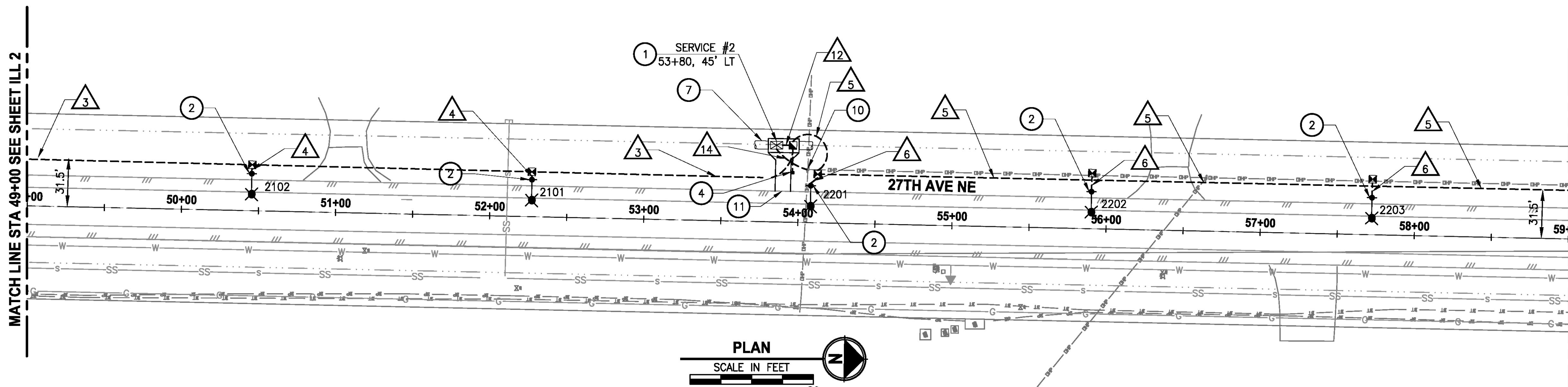
ILLUMINATION PLAN
ILL 2

DRAWING NO.
4 OF 10

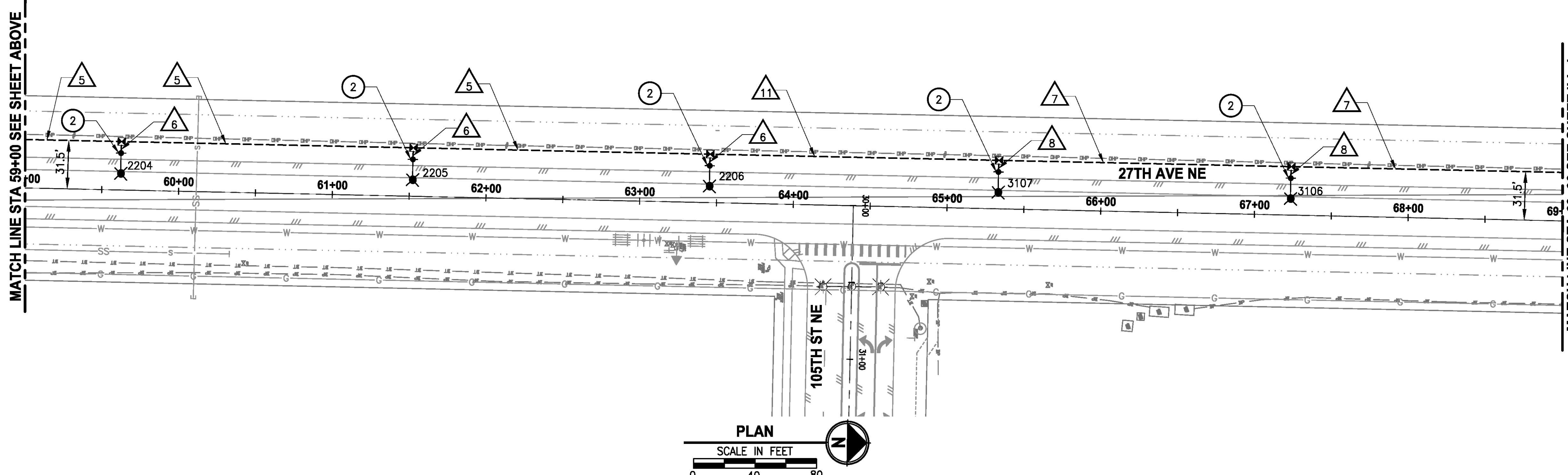
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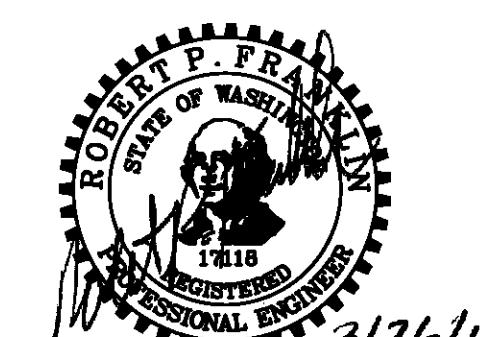
IMAGES: AF1 | AF2 | BF | Tulalip Tribes | 27th Vicinity | Tulip Tribes | Tulip Tribes-1 | Tulip Tribes-2 | R0H-AREAL | RFF-1 | 1002 | DAWES STAMP
REF: XSU1598042PO1T02-DE



DATE: Mar 26, 2012 - 2:00pm PLOTTED BY: valentav

△	REVISIONS	DATE	BY	DESIGNED
				R. FRANKLIN
				DRAWN V. RUBASHKA
				CHECKED AF
				APPROVED AF

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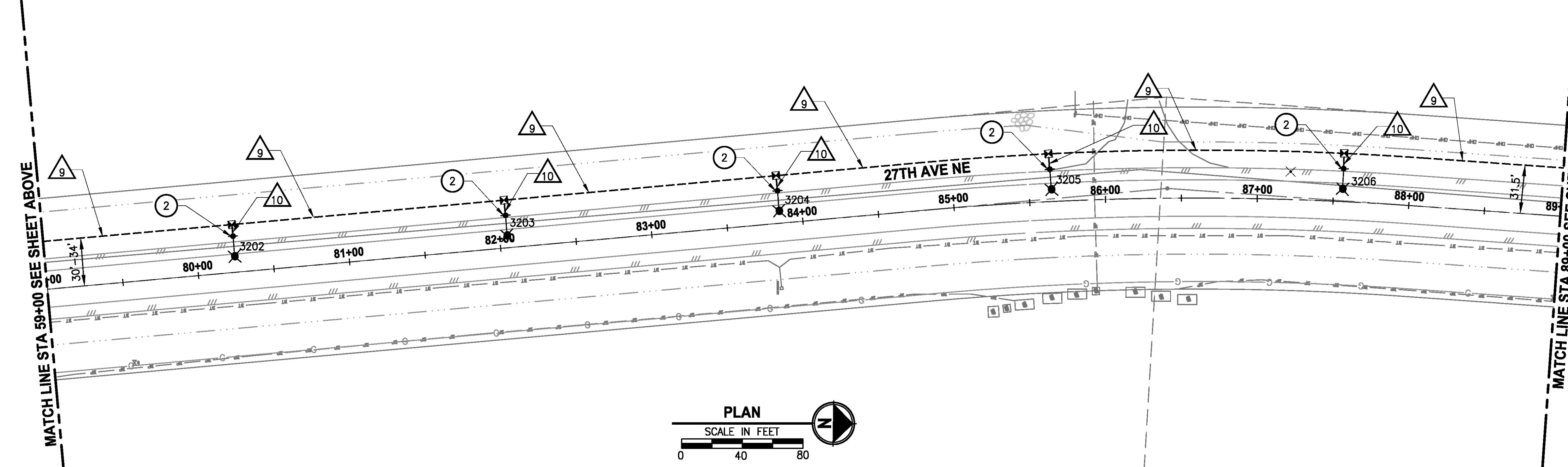
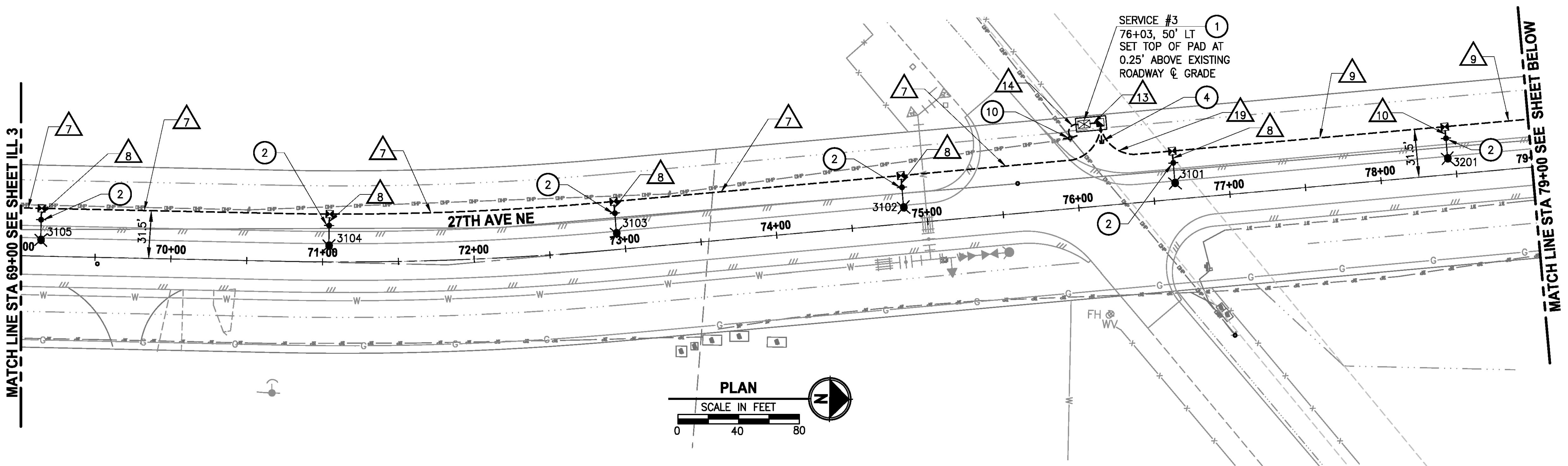
ILLUMINATION PLAN
ILL 3

DRAWING NO.
5 OF 10

PORTIONS OF SECTIONS 20 AND 29, T. 30 N., R. 5E., W. M. SNOHOMISH COUNTY, WA.

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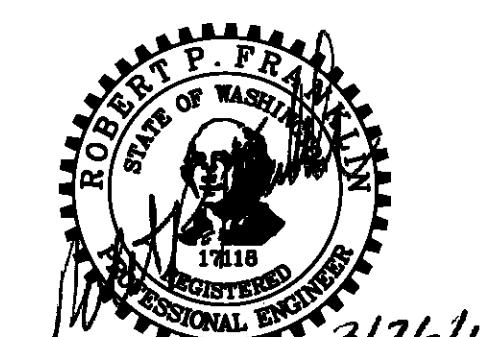


IMAGES: AF1 | AF2 | BF | Marysville | 27th Vicinity | 27th Location | 27th Tribes logo | Tulalip Tribes-1 | ROW-AREAL | RPF-PE | 11002 | DAVE'S STAMP
XREF'S: XSU1598032PO1T02-RW | XSU1598042PO1T02-BA | XSU1598042PO1T02-TB

DATE: Mar 26, 2012 - 2:01pm PLOTTED BY: valenav

△	REVISIONS	DATE	BY	DESIGNED R. FRANKLIN
				DRAWN V. RUBASHKA
				CHECKED AF
				APPROVED AF

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PROJECT NAME

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PROJECT 116TH ST NE TO QUILCEDA BLVD.
THE TULALIP TRIBES**

SNOHOMISH COUNTY, WASHINGTON

ILLUMINATION PLAN

DRAWING NO.
6 OF 10

ILL 4

PORTIONS OF SECTIONS 20 AND 29, T. 30 N., R. 5E., W. M. SNOHOMISH COUNTY, WA.

IMAGES: AF1 | AF2 | BF | Marysville | 27th Location | 27th Vicinity | Tulalip Tribes logo | Tulalip Tribes-1 | XREF'S: XSI1159B032P01T02-BW | XSI1159B042P01T02-BA | XSI1159B042P01T02-TB | ROW-AREAN | RBE-PF | 11002 | DAVE'S STAMP

DATE: Mar 26, 2012 - 2:01pm PILOTED BY: Valenay

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PLAN

SCALE IN FEET

0 40 80

MATCH LINE STA 89+00 SEE SHEET ILL 4

27TH AVE NE

90+00 91+00 92+00 93+00 94+00 95+00 96+00 97+00 98+00 99+00

3207 3208 3209 3210 3211 3212 3213

90+28 90+36 90+44 90+52 90+60 90+68 90+76 90+84 90+92 90+100

90+12 90+20 90+28 90+36 90+44 90+52 90+60 90+68 90+76 90+84

90+18 90+26 90+34 90+42 90+50 90+58 90+66 90+74 90+82 90+90

90+24 90+32 90+40 90+48 90+56 90+64 90+72 90+80 90+88 90+96

90+30 90+38 90+46 90+54 90+62 90+70 90+78 90+86 90+94 90+102

90+36 90+44 90+52 90+60 90+68 90+76 90+84 90+92 90+100 90+108

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90+54 90+62 90+70 90+78 90+86 90+94 90+102 90+110 90+118 90+126

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90+516 90+524 90+532 90+540 90+548 90+556 90+564 90+572 90+580 90+588

90+522 90+530 90+538 90+546 90+554 90+562 90+570 90+578 90+586 90+594

90+528 90+536 90+544 90+552 90+560 90+568 90+576 90+584 90+592 90+598

90+534 90+542 90+550 90+558 90+566 90+574 90+582 90+590 90+598 90+606

90+540 90+548 90+556 90+564 90+572 90+580 90+588 90+596 90+604 90+612

90+546 90+554 90+562 90+570 90+578 90+586 90+594 90+602 90+610 90+618

90+552 90+560 90+568 90+576 90+584 90+592 90+600 90+608 90+616 90+624

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90+598 90+606 90+614 90+622 90+630 90+638 90+646 90+654 90+662 90+670

90+604 90+612 90+620 90+628 90+636 90+644 90+652 90+660 90+668

CONSTRUCTION NOTES:

- 1 CONSTRUCT FOUNDATION AND CONCRETE PAD AT LOCATION SHOWN. FURNISH AND INSTALL PAD MOUNT SERVICE CABINET AND INTERNAL COMPONENTS AS SPECIFIED FOR A MODIFIED TYPE B SERVICE. FURNISH AND INSTALL WSDOT TYPE 2 JUNCTION BOX ON PAD ADJACENT TO SERVICE CABINET. SEE BREAKER SCHEDULE AND WSDOT STANDARD PLANS.
- 2 CONSTRUCT WSDOT TYPE A FOUNDATION AT LOCATION SHOWN ON THE POLE SCHEDULE ON SHEET ILL7. FURNISH AND INSTALL CENTRECON CONCRETE POLE AND LED LUMINAIRE. INSTALL WSDOT TYPE 1 JUNCTION BOX ADJACENT TO POLE UNLESS SHOWN OTHERWISE.
- 3 FURNISH AND INSTALL WSDOT TYPE 2 JUNCTION BOX ADJACENT TO POLE IN PLACE OF TYPE 1 UNIT.
- 4 STUB 3" CONDUIT 1' OUTSIDE OF CEMENT CONCRETE PAD AND CAP.
- 5 STUB 2" CONDUIT 1' OUTSIDE OF CEMENT CONCRETE PAD AND CAP.
- 6 FURNISH AND INSTALL WEATHERHEAD, CONDUIT, AND WIRE ON EXISTING POWER POLE FOR SERVICE TO ELECTRICAL CABINET. CONNECTION TO THE TRANSFORMER WILL BE BY SNOHOMISH COUNTY PUD PERSONNEL. CONTACT SNOHOMISH COUNTY PUD PRIOR TO INSTALLATION FOR MATERIAL AND INSTALLATION REQUIREMENTS.
- 7 FURNISH AND INSTALL 30" CORRUGATED POLYETHYLENE CULVERT PIPE IN DITCH FOR CONSTRUCTION OF THE SERVICE CABINET. INSTALL WITH INVERT AT EXISTING DITCH INVERT AND SLOPE TO MAINTAIN DITCH FLOW.
- 8 EXISTING LUMINAIRES SHALL BE REPLACED WITH LED UNITS BY OTHERS.
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- 10 FURNISH AND INSTALL WEATHERHEAD, CONDUIT, AND WIRE ON EXISTING WOOD POLE FOR SERVICE TO ELECTRICAL CABINET. CONNECT TO EXISTING OVERHEAD WIRES.
- 11 CONSTRUCT ACCESS ROAD. SEE DETAIL 4, SHEET ILL8.

PLAN

SCALE IN FEET

0 40 80

N

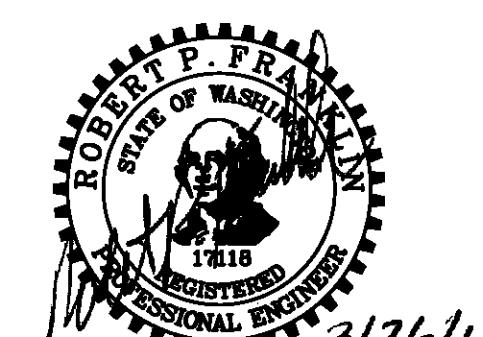
△	REVISIONS	DATE	BY	DESIGNED R. FRANKLIN
				DRAWN V. RUBASHKA
				CHECKED <i>AF</i>
				APPROVED <i>AF</i>

**ONE INCH AT FULL SCALE
IF NOT, SCALE ACCORDINGLY**

FILE NAME
XSU1598042P01T02-

JOB No.
216-1598-042

DATE
JULY 2011



Parametrix
1019 39TH AVENUE SE, SUITE 100
PUYALLUP, WASHINGTON 98374
T. 253.604.6600 F. 253.604.6799
www.parametrix.com

ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES

PROJECT NAME

**27TH AVE NE ILLUMINATION
PROJECT 116TH ST NE TO QUILCEDA BLVD.
THE TULALIP TRIBES**

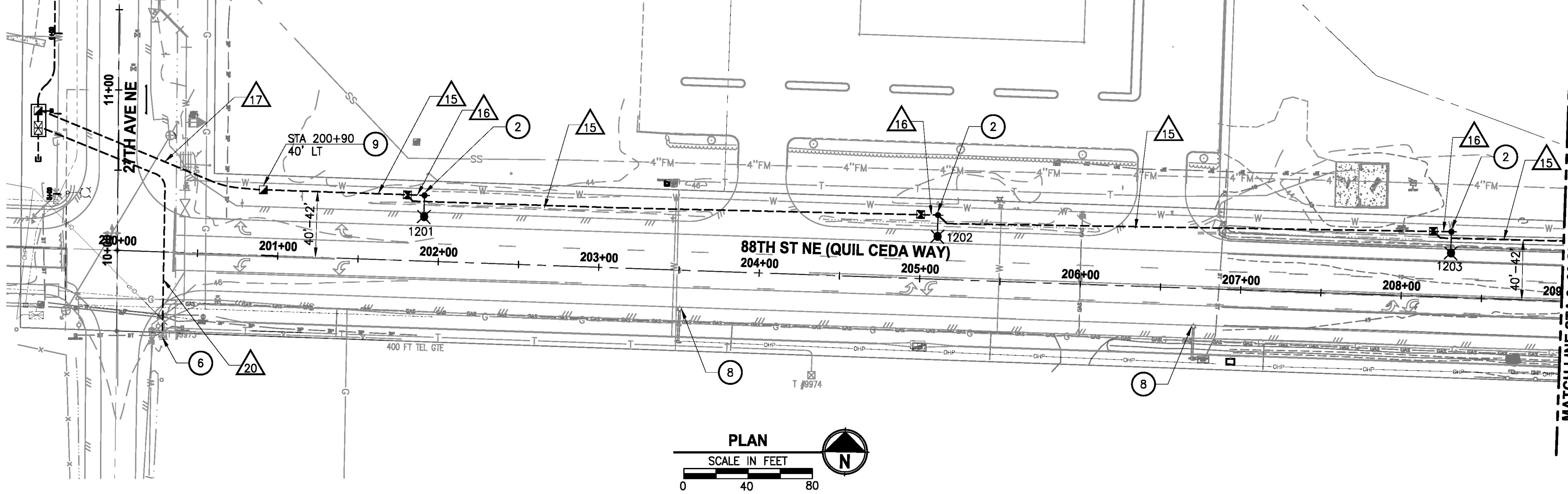
SNOHOMISH COUNTY, WASHINGTON

ILLUMINATION PLAN

DRAWING NO.
7 OF 10

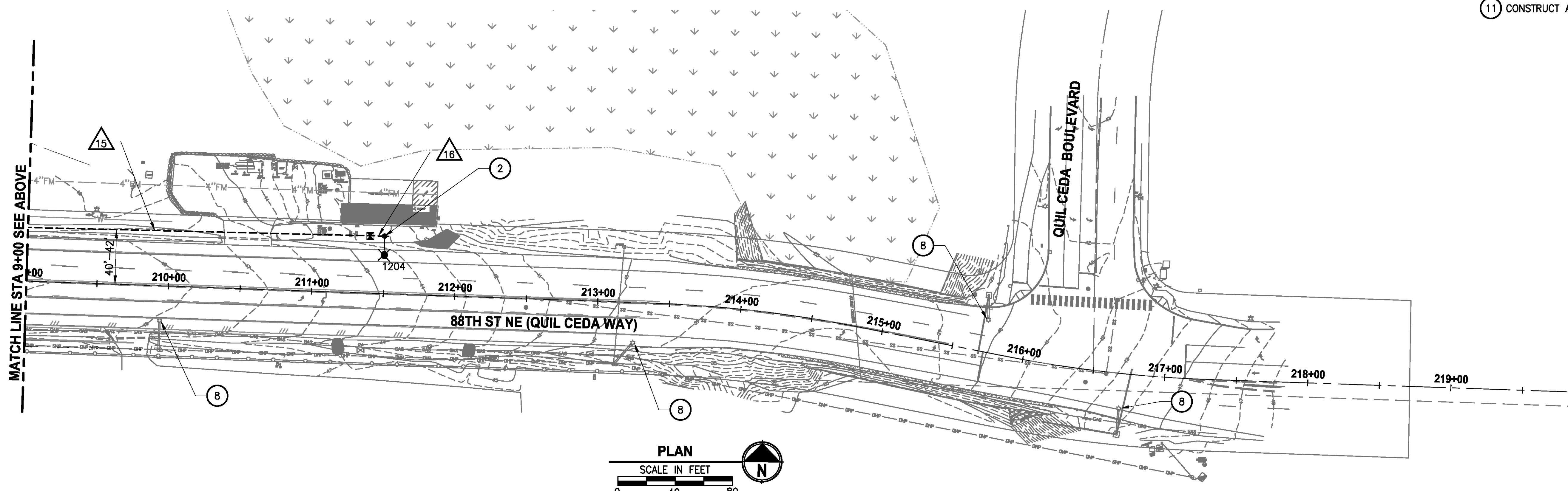
ILL 5

PORTIONS OF SECTIONS 20 AND 29, T. 30 N., R. 5E., W. M. SNOHOMISH COUNTY, WA.



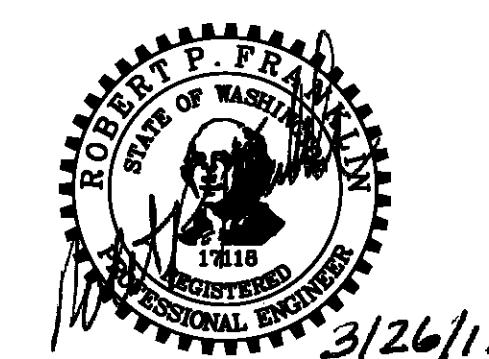
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- 11 CONSTRUCT ACCESS ROAD. SEE DETAIL 4, SHEET ILL8.



DATE: Mar 26, 2012 - 2	REVISIONS	DATE	BY	DESIGNED R. FRANKLIN
				DRAWN V. RUBASHKA
				CHECKED AF
				APPROVED AF

 ONE INCH AT FULL SCALE IF NOT, SCALE ACCORDINGLY	
FILE NAME XSU1598042PO1T02-	
JOB No. 216-1598-042	
DATE JULY 2011	



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PROJECT NAME

**27TH AVE NE ILLUMINATION
PROJECT 116TH ST NE TO QUILCEDA BLVD.
THE TULALIP TRIBES**

SNOHOMISH COUNTY, WASHINGTON

ILLUMINATION PLAN

DRAWING NO.
8 OF 10

ILL 6

PORTIONS OF SECTIONS 20 AND 29, T. 30 N., R. 5E., W. M. SNOHOMISH COUNTY, WA.

POLE SCHEDULE (88TH STREET NE)				
POLE NUMBER	LOCATION TO POLE C		CIRCUIT	NOTES
	STATION	OFFSET		
1201	201+90	41' LT	11	(1)
1202	205+10	41' LT	11	(1)
1203	208+30	41' LT	11	(1)
1204	211+50	35' LT	11	(1)

(1) POT HOLE ADJACENT WATER LINE PRIOR TO EXCAVATION FOR FOUNDATION.

POLE SCHEDULE (27TH AVE NE)				
POLE NUMBER	LOCATION TO POLE C		CIRCUIT	NOTES
	STATION	OFFSET		
1304	16+25	24' LT	13	
1305	18+15	24' LT	13	
1306	20+00	24' LT	13	
1307	21+95	24' LT	13	
1308	23+85	24' LT	13	
1309	25+75	24' LT	13	
1310	27+65	24' LT	13	
1311	29+60	24' LT	13	
1312	31+40	24' LT	13	
2101	52+27	24' LT	21	
2102	50+45	24' LT	21	
2103	48+55	24' LT	21	
2104	46+65	24' LT	21	
2105	44+75	24' LT	21	
2106	42+85	24' LT	21	
2107	40+95	24' LT	21	
2108	39+05	24' LT	21	
2109	37+15	24' LT	21	
2110	35+25	24' LT	21	
2111	33+35	24' LT	21	
2201	54+08	24' LT	22	
2202	55+90	24' LT	22	
2203	57+72	24' LT	22	
2204	59+62	24' LT	22	
2205	61+52	24' LT	22	
2206	63+45	24' LT	22	
3101	76+65	24' LT	31	
3102	74+85	24' LT	31	
3103	72+95	24' LT	31	
3104	71+04	24' LT	31	
3105	69+14	24' LT	31	
3106	67+23	24' LT	31	
3107	65+33	24' LT	31	

POLE SCHEDULE (27TH AVE NE)

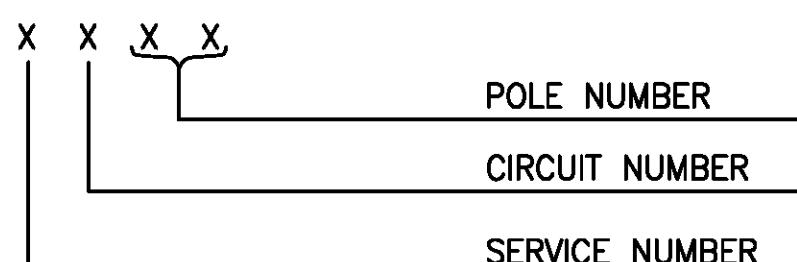
POLE NUMBER	LOCATION TO POLE C		CIRCUIT	NOTES
	STATION	OFFSET		
3201	78+45	24' LT	32	
3202	80+25	24' LT	32	
3203	82+05	24' LT	32	
3204	83+85	24' LT	32	
3205	85+65	24' LT	32	
3206	87+56	24' LT	32	
3207	89+46	24' LT	32	
3208	91+37	24' LT	32	
3209	93+28	24' LT	32	
3210	95+19	24' LT	32	
3211	97+09	24' LT	32	
3212	99+00	24' LT	32	

POLE SCHEDULE NOTES:

- ALL POLES SHALL BE CENTRECON, MEDIUM, OCTAGONAL, CONCRETE, TYPE MBO-9 (MEDIUM-BASE PLATE-OCTAGONAL). POLE HEIGHT=29'-6"
- FOUNDATIONS SHALL BE TYPE "A" PER WSDOT STANDARD PLAN J-28.30-01
- POLE FINISH SHALL BE #113 (MEDIUM, EXPOSED, GREY)
- LUMINAIRE ARM SHALL BE TYPE "AE" WITH AN ARM LENGTH OF 8'.
- ALL LUMINAIRES SHALL BE LED UNITS AS MANUFACTURED BY BetaLED, 220 WATT, TYPE 2 DISTRIBUTION.
- SET TOP OF POLE FOUNDATION ELEVATION FLUSH WITH EDGE OF ADJACENT PAVEMENT.

CONDUIT/WIRE SCHEDULE							
RUN NO	CONDUIT SIZE(1)	ILLUMINATION CIRCUIT NUMBER					
		11	12	13	21	22	31
1	2"				2-#2 1-#3 GND		
2	1-1/2"				2-#8 1-#8 GND		
3	2"				2-#2 1-#3 GND		
4	1-1/2"				2-#8 1-#8 GND		
5	2"					2-#6 1-#8 GND	
6	1-1/2"					2-#8 1-#8 GND	
7	2"						2-#6 1-#8 GND
8	1-1/2"					2-#8 1-#8 GND	
9	2-1/2"						2-#1 1-#2 GND
10	1-1/2"						2-#8 1-#8 GND
11	2" EMPTY						
12	3"				2-#2 1-#3 GND	2-#6 1-#8 GND	
13	3"						2-#6 1-#8 GND
14	2" RMC						
15	2"				2-#4 1-#6 GND		
16	1-1/2"				2-#8 1-#8 GND		
17	3"				2-#4 1-#6 GND		
18	3"				2-#2 1-#3 GND		
19	2"					2-#8 1-#8 GND	2-#1 1-#2 GND
20	2" RMC						

LUMINAIRE NUMBER DESIGNATION CODE



BREAKER SCHEDULE:

SERVICE #1

MAIN BREAKER:	150 AMP, 120/240V
BRANCH BREAKERS	
SIGNAL:	50 AMP, 120V (FUTURE)
ILLUMINATION	
CIRCUIT #11:	20 AMP, 240V (FUTURE)
CIRCUIT #12:	20 AMP, 240V
CIRCUIT #13:	20 AMP, 240V
CIRCUIT #14:	20 AMP, 240V (FUTURE)
CONTACTORS	
CIRCUIT #11:	30 AMP (FUTURE)
CIRCUIT #12:	30 AMP
CIRCUIT #13:	30 AMP
CIRCUIT #14:	30 AMP (FUTURE)

BREAKER SCHEDULE:

SERVICE #2

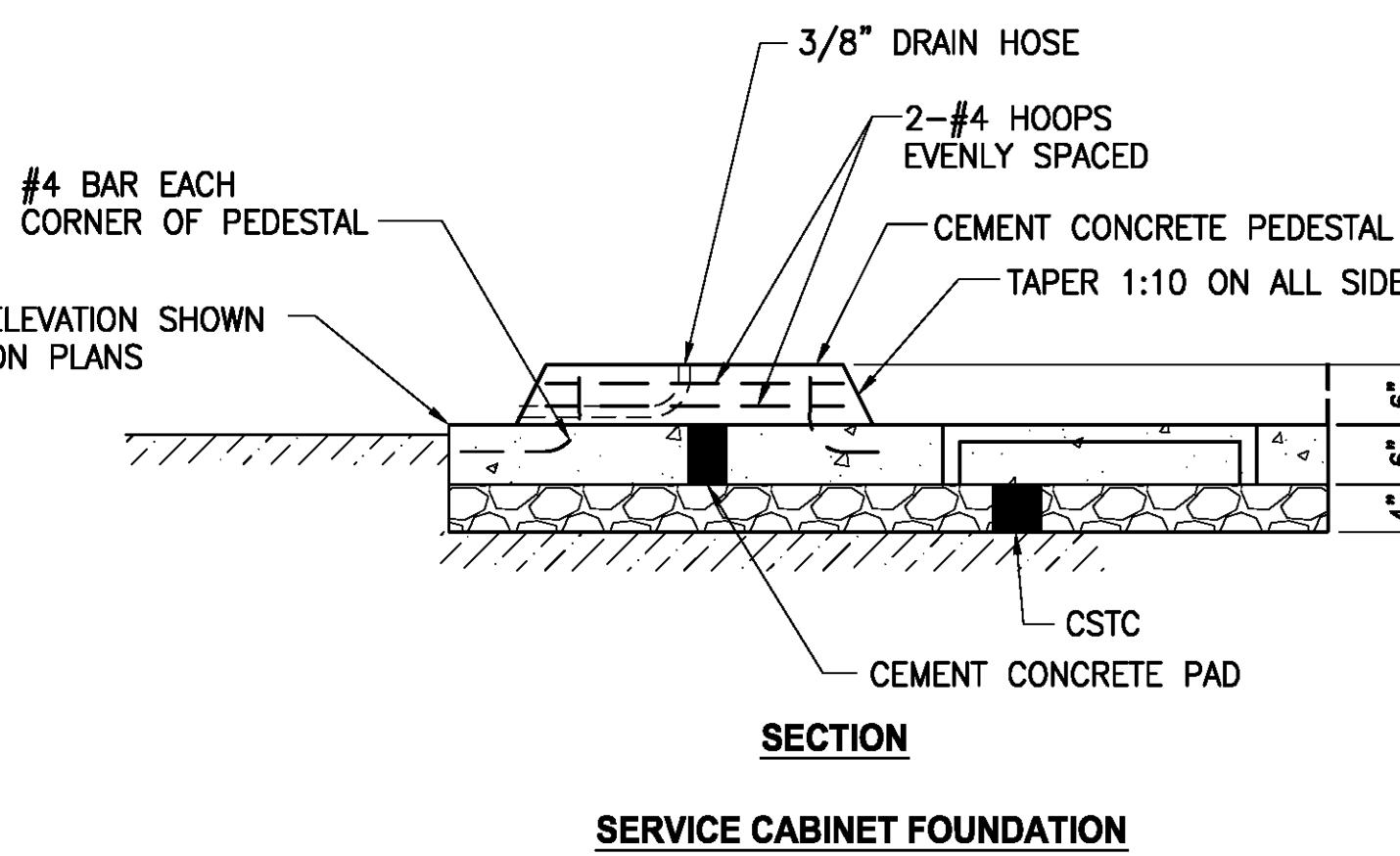
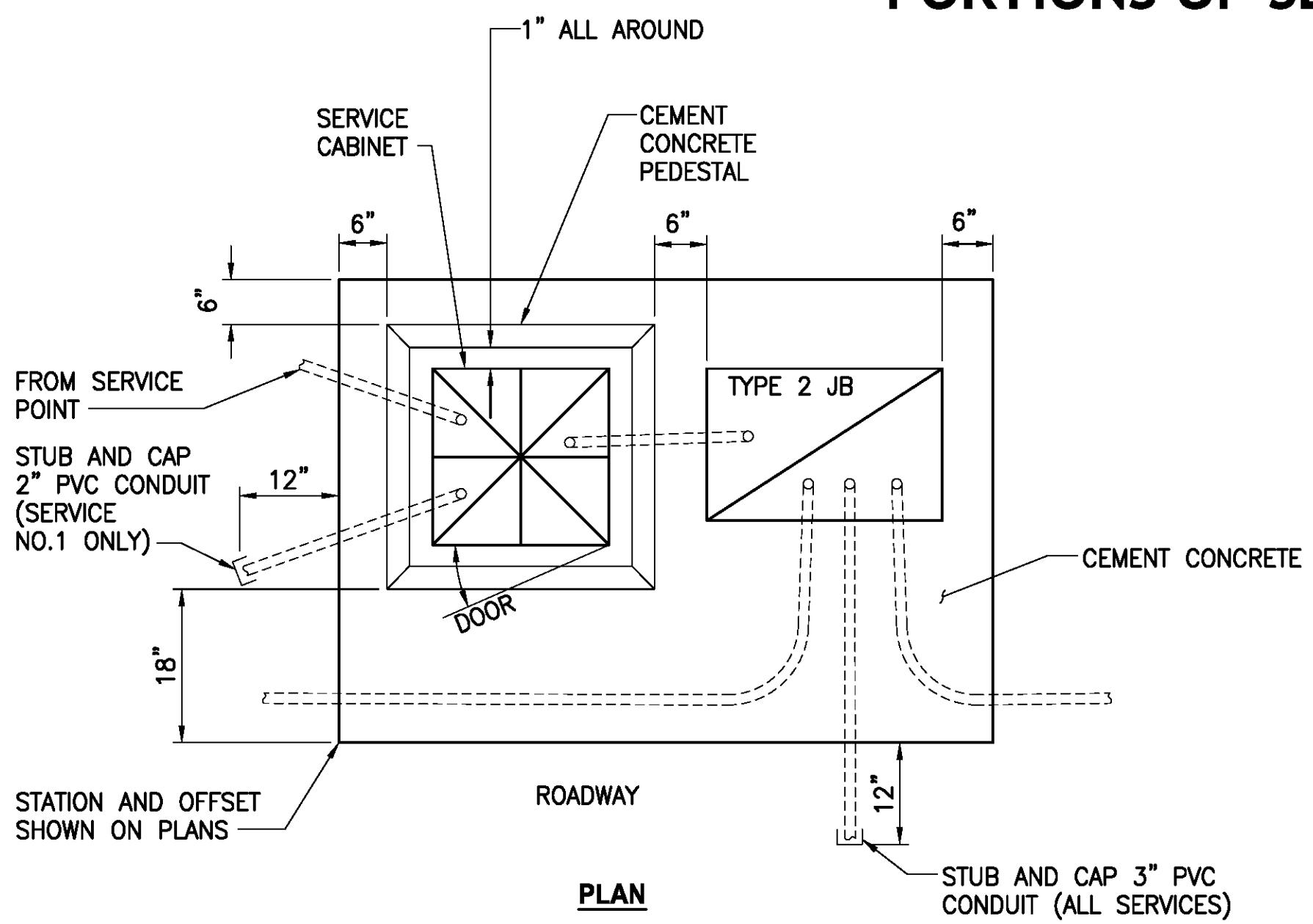
MAIN BREAKER:	125 AMP, 120/240V
BRANCH BREAKERS	
ILLUMINATION	
CIRCUIT #21:	25 AMP, 240V
CIRCUIT #22:	20 AMP, 240V
CIRCUIT #23:	25 AMP, 240V (FUTURE)
CIRCUIT #24:	20 AMP, 240V (FUTURE)
CONTACTORS	
CIRCUIT #21:	30 AMP
CIRCUIT #22:	30 AMP
CIRCUIT #23:	30 AMP (FUTURE)
CIRCUIT #24:	30 AMP (FUTURE)

BREAKER SCHEDULE:

SERVICE #3

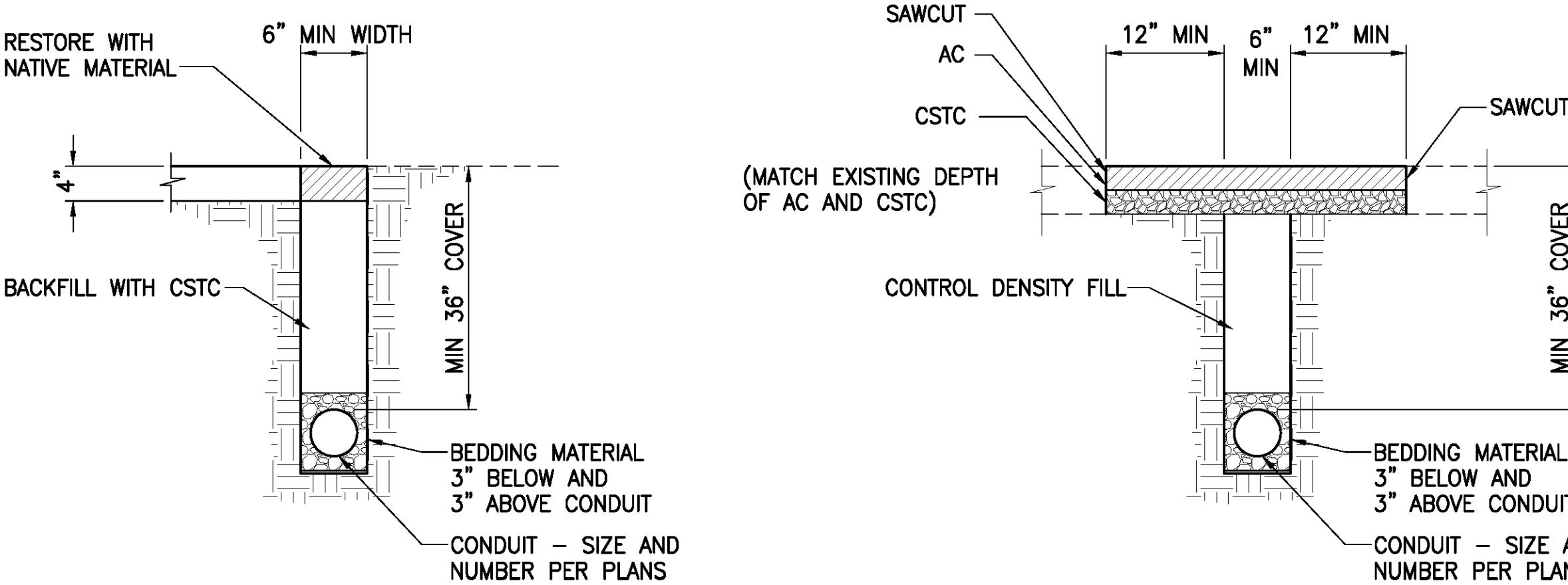
MAIN BREAKER:	125 AMP, 120/240V
BRANCH BREAKERS	
ILLUMINATION	
CIRCUIT #31:	20 AMP, 240V
CIRCUIT #32:	25 AMP, 240V
CIRCUIT #33:	20 AMP, 240V (FUTURE)
CIRCUIT #34:	25 AMP, 240V (FUTURE)
CONTACTORS	
CIRCUIT #31:	30 AMP
CIRCUIT #32:	30 AMP
CIRCUIT #33:	

PORTIONS OF SECTIONS 20 AND 29, T. 30 N., R. 5E., W. M. SNOHOMISH COUNTY, WA.

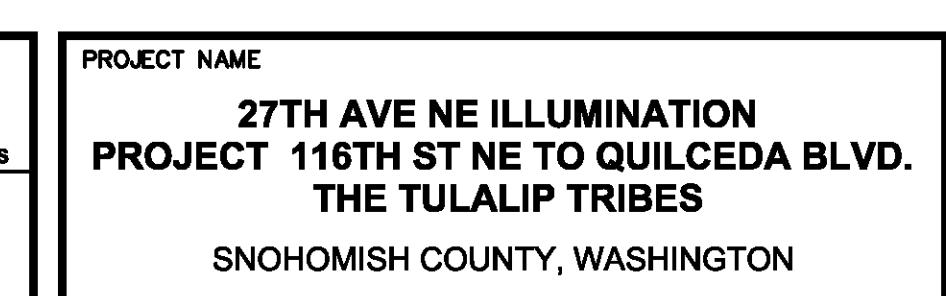
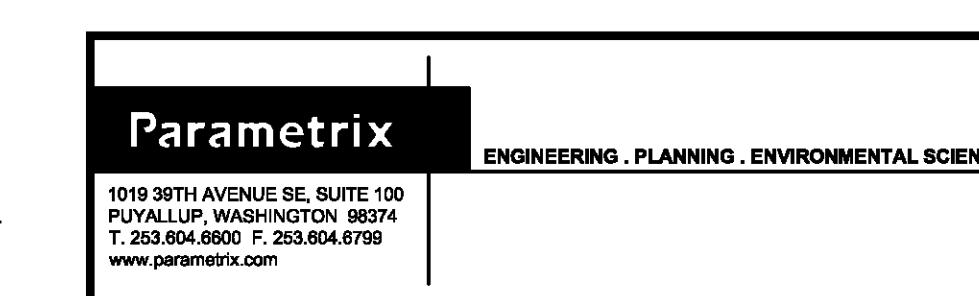
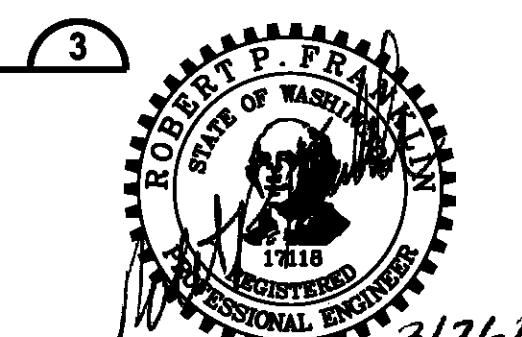
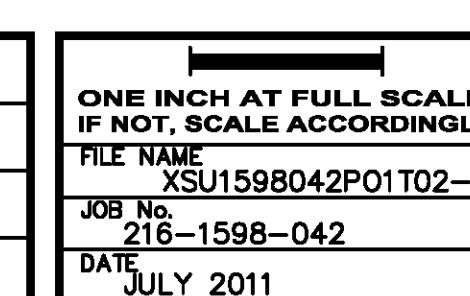
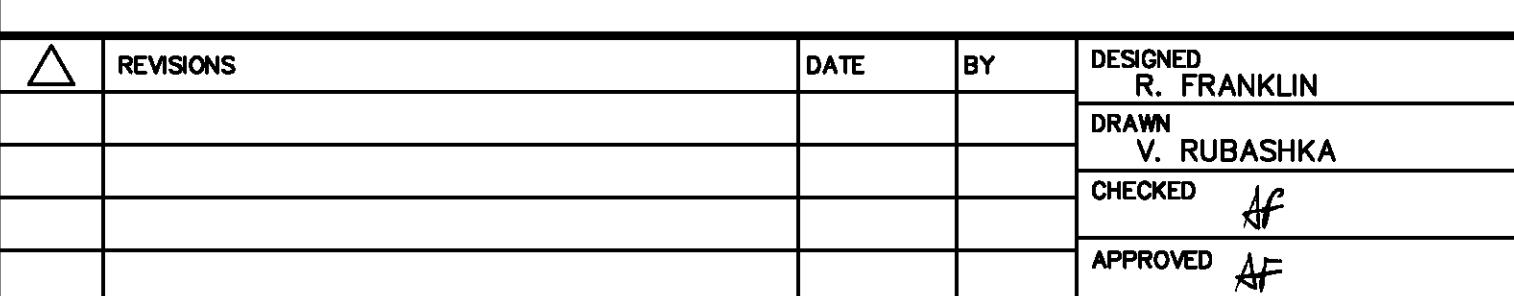
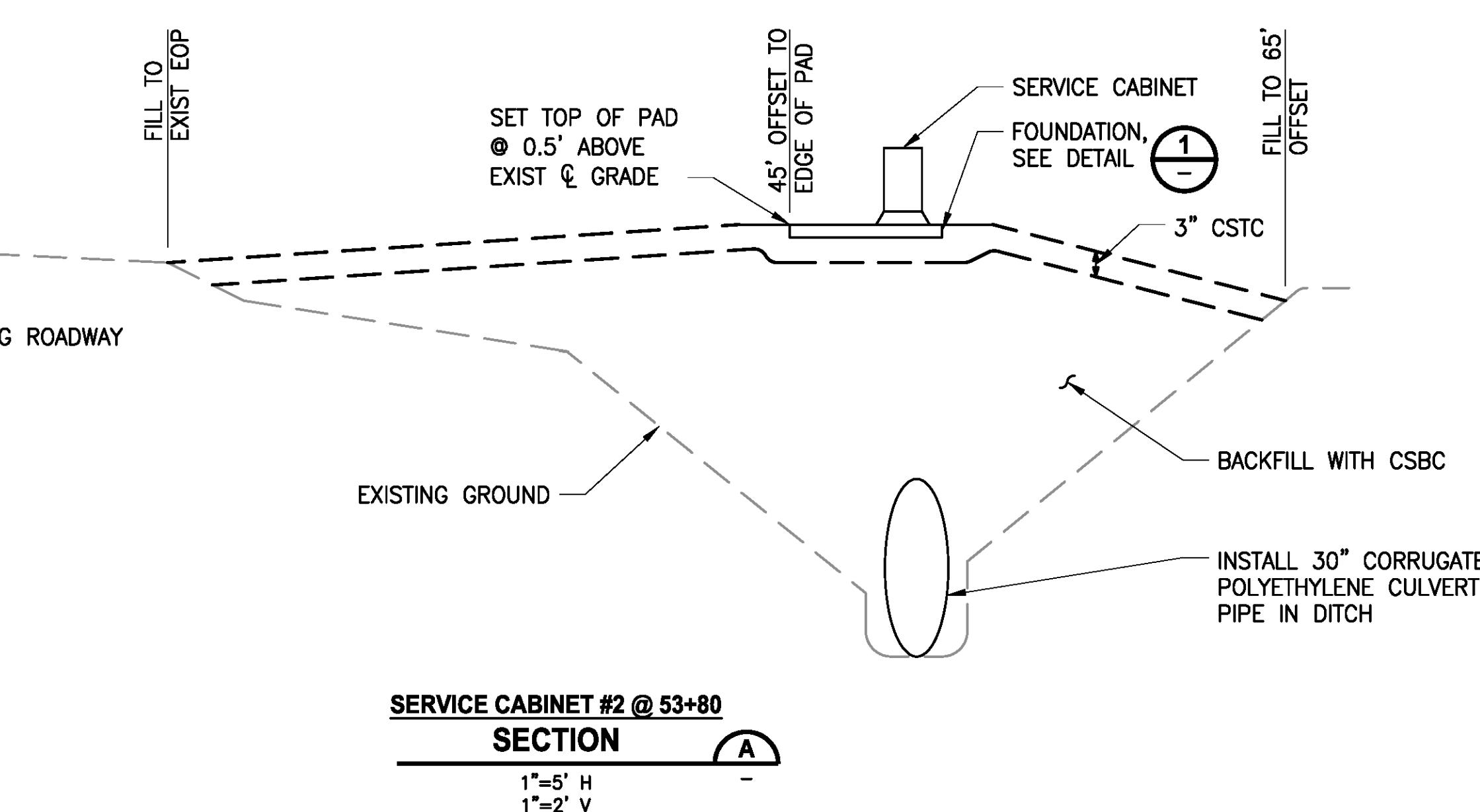
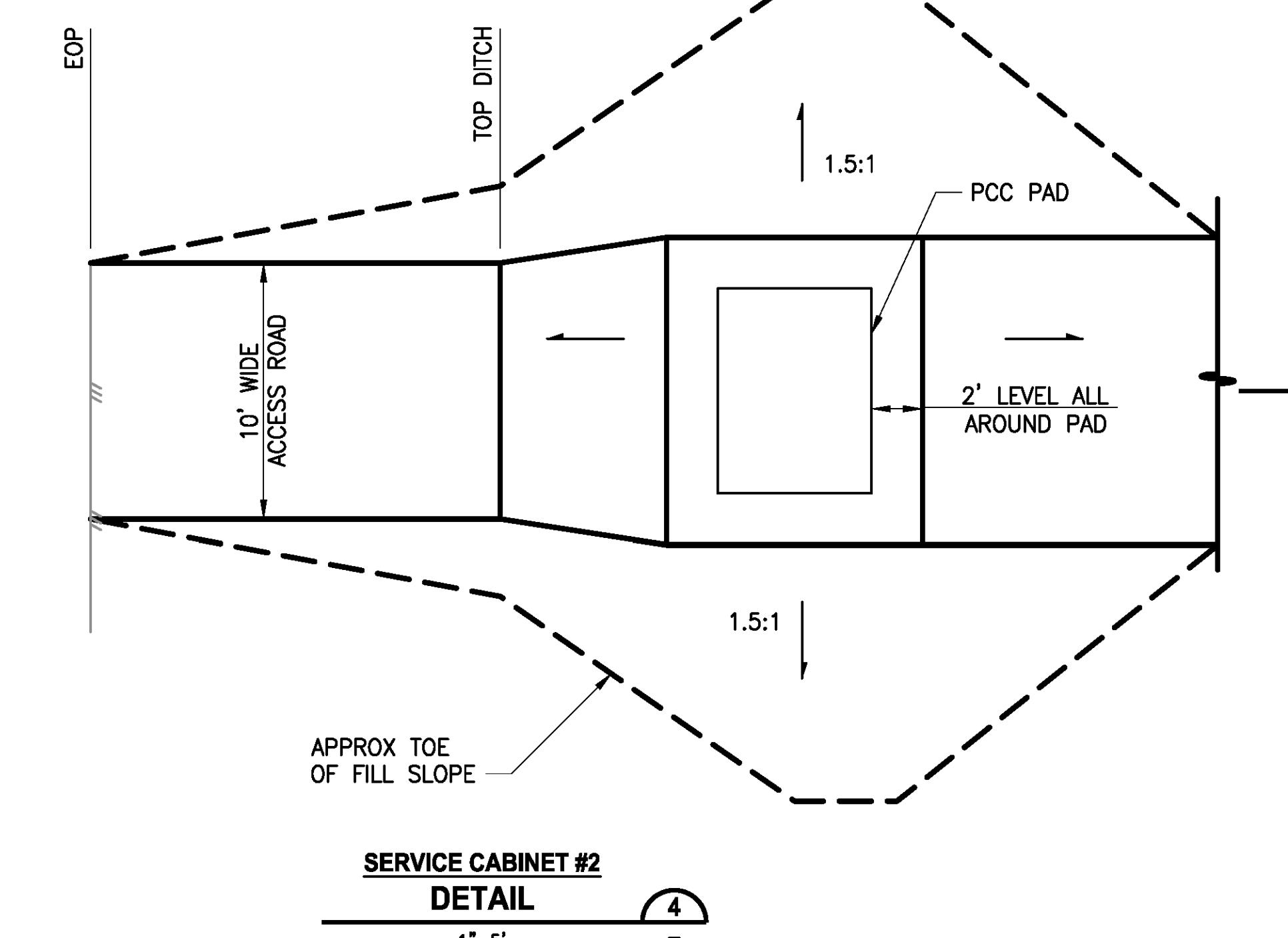
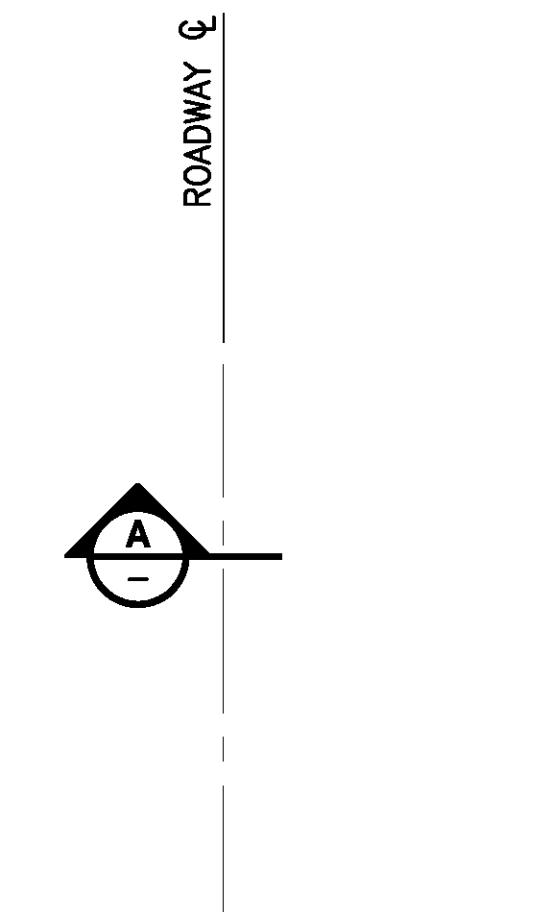


NO

1. SEE WSDOT STANDARD PLANS FOR GROUNDING DETAIL
2. SEAL CABINET TO PEDESTAL WITH SILICON SEALANT. PLACE SEALANT ON PEDESTAL AND SET CABINET ONTO SEALANT. REMOVE EXCESS SEALANT.
3. INSTALL $\frac{3}{8}$ " DRAIN HOSE FROM THE CABINET THROUGH THE PEDESTAL. TRIM HOSE FLUSH WITH TOP OF PEDESTAL.
4. SEE PLANS FOR NUMBER, SIZE AND ROUTING OF CONDUITS AND WIRE



NO. 6841



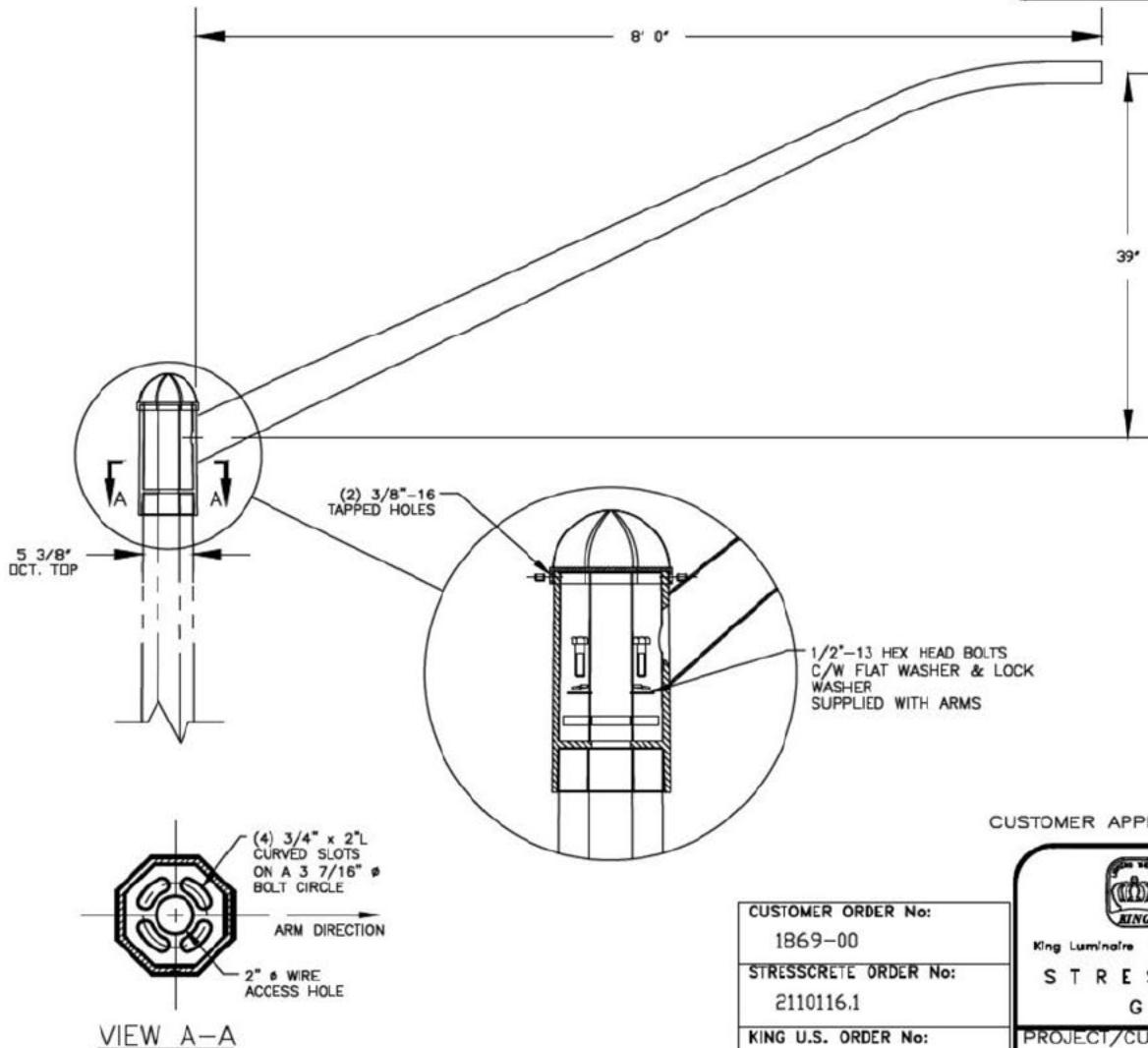
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ILL 8

REV.	ALTERATION	DATE	BY

ARM SPECIFICATIONS

CATALOG NO.: KA100-A-T0-1-8'
 QUANTITY: 10
 MATERIAL: ALUMINUM
 FINISH: NATURAL



CUSTOMER APPROVAL & DATE:

CUSTOMER ORDER No:	1869-00			
STRESSCRETE ORDER No:	2110116.1			
KING U.S. ORDER No:	-			
KMFG ORDER No:	-			

  STRESSCRETE GROUP		Manufacturing Locations:		
		Burlington, Ontario 1-800-268-7809	Northport, Alabama 1-800-435-6563	Atchison, Kansas 1-800-837-1024
PROJECT/CUSTOMER: TULALIP TRIBES				
DRAWN BY:	AT:	CHECKED BY:	DATE:	REVISION:
MJ	SC3		11-09-21	
DRAWING TYPE: APPROVAL DRAWING			DRAWING NUMBER: 2110116.1 ARM	

Job Name:
Tulalip Tribes

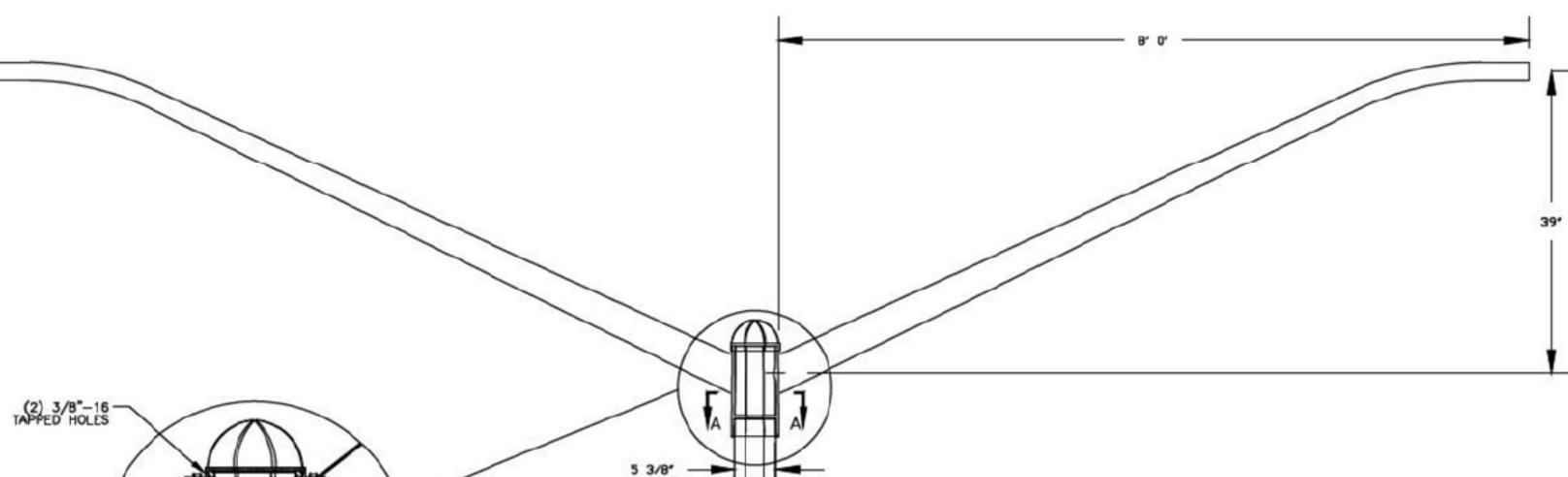
Catalog Number:
KA100-A-T0-1-8'
Notes:

Type:

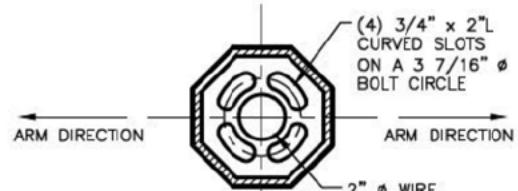
REV.	ALTERATION	DATE	BY

ARM SPECIFICATIONS

CATALOG NO.: KA100-A-T0-2-8'
 QUANTITY: 5
 MATERIAL: ALUMINUM
 FINISH: NATURAL



(2) 3/8"-16
TAPPED HOLES
1/2"-13 HEX HEAD BOLTS
C/W FLAT WASHER &
LOCK WASHER
SUPPLIED WITH ARMS



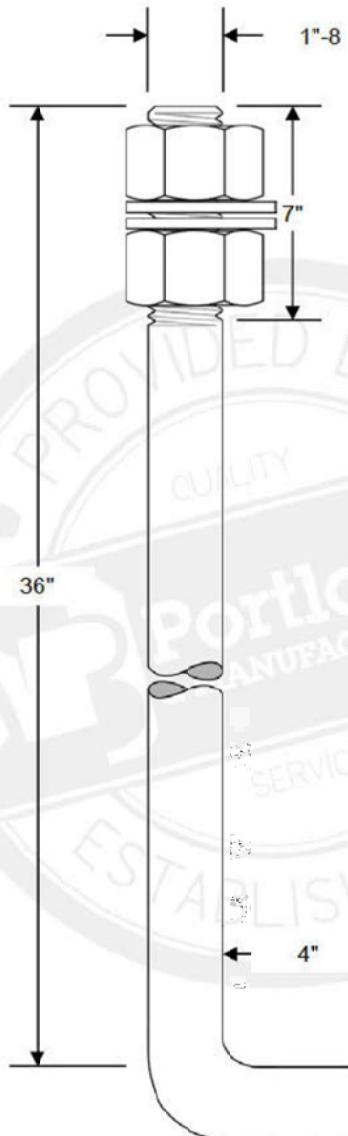
VIEW A-A

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		STRESSCRETE GROUP PROJECT/CUSTOMER: TULALIP TRIBES		
DRAWN BY:	AT:	CHECKED BY:	DATE:	REVISION:
MJ	SC3		11-09-21	
DRAWING TYPE: APPROVAL DRAWING		DRAWING NUMBER: 2110116.2 ARM		

Job Name:
 Tulalip Tribes

Catalog Number:
 KA100-A-T0-2-8'
 Notes:

Type:



Bill of Material				
Qty.	Item	Diam	Length	Grade / Description
	Bolt	1"-8	36"	F1554 Grade 55 90 Bent Anchor
	Nut	1"-8		A563 Grade DH Heavy Hex
	Washer	1"		F436 Type 1

Notes

Finish: Galvanized per ASTM F2329 and A153

Note: Anchor bolts meet S1 supplementary requirement

Hardware is not provided assembled

Drawings are not to scale

Job Name:
Tulalip Tribes

Catalog Number:
1" X 36" X 4" F1554GR55 ANCHOR
BOLT ASSY
Notes:

Type:



3441 NW Guam St.
Portland, OR 97210
P: 800-547-6758
F: 503-227-4634
E: sales@portlandbolt.com
www.portlandbolt.com

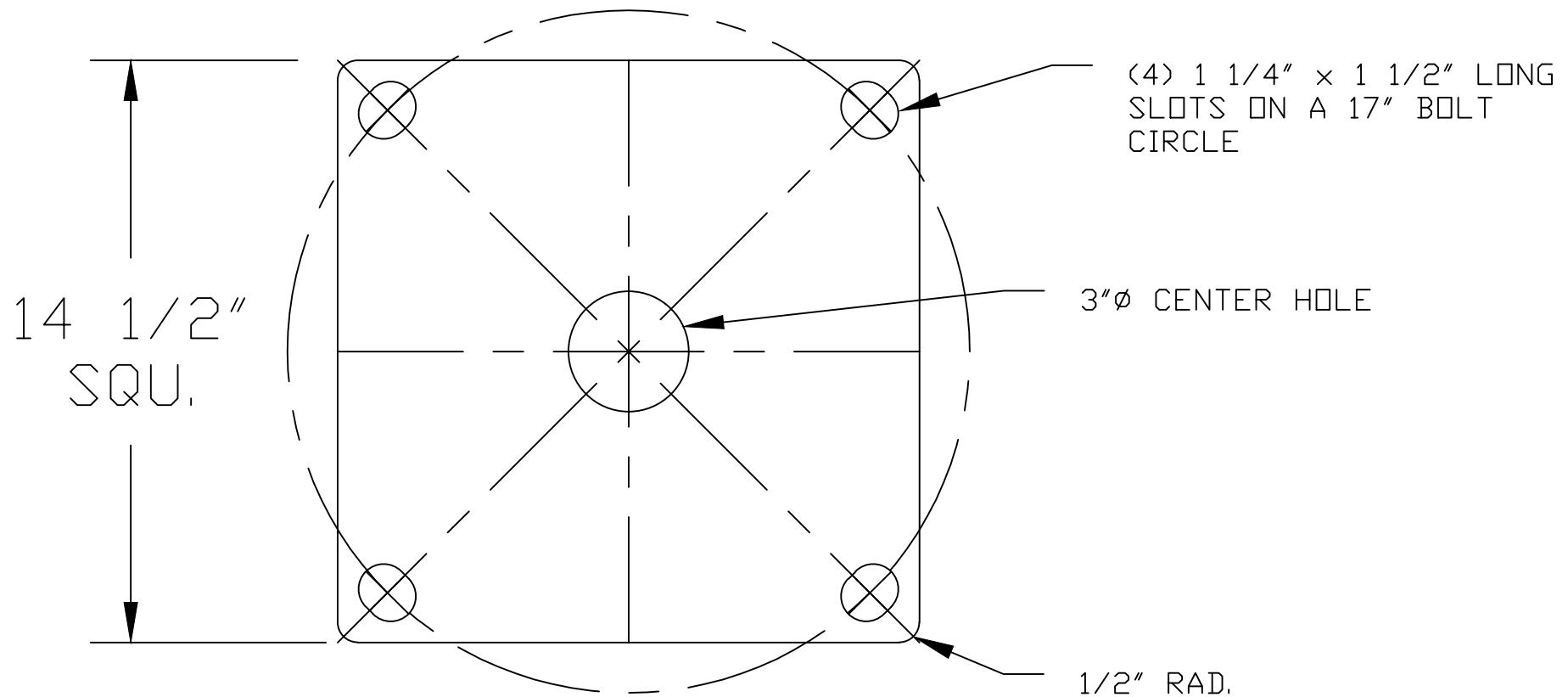
Sheet
1 of 1 By
KT

Job Name: Tulalip Tribes	Catalog Number: E295-BPO-G-E30 S/F KA100-O ARM	Type:
	Notes:	

<p>POLE TOP: 5 3/8" FL/FL</p> <p>CAST ZINC OCT RING SEE DETAIL **SET UP - BE SURE TOP SIDE IS UP</p> <p>29'-6"</p> <p>1'-0"</p> <p>3'-0"</p> <p>3'-6"</p> <p>GRADE</p> <p>[A-C] 2 1/2" x 5" WIRING APERTURE</p> <p>5'-0" (REF.)</p> <p>HEX HEAD BOLTS, WASHERS, LOCK WASHERS, & PRESSURE PLATE INCLUDED W/ ARMS</p> <p>(4) PIECES OF 1/2" THREADED ROD x 36" LONG</p> <p>(4) 1/2"-13UNC ON A 3 7/16" Ø BOLT CIRCLE</p> <p>(4) STRESS WIRE</p> <p>MOLD SEAM</p> <p>CAST ZINC OCT. RING</p> <p>THREAD TO BE CLEAR OF DEBRIS TO ACCEPT 1/2" BOLT x 1" DEEP</p> <p>(4) 1/2" ROD x 36" LONG</p> <p>TOP DETAIL</p> <p>COLOR & FINISH COLOR: SALT & PEPPER FINISH: POLISHED</p> <p>COATINGS REQUIRED -1 COAT ANTI-GRAFFITI FULL LENGTH</p> <p>[A] SMALL NAMEPLATE</p> <p>[A] 2 5/8" x 8" ZINC RECESSED H.H. BOX & COVERPLATE C/W GROUND WIRE & ALLENHEAD SCREWS</p> <p>THRU APERTURE C</p> <p>D</p> <p>B</p> <p>A</p> <p>NAMEPLATE, H.H.BOX, & THRU APERTURE TOP VIEW</p> <p>"CONTRACTOR TO INSTALL BURNDY KSLU22 8-25 UNIVERSAL SERVIT SPLIT BOLT CONNECTORS (OR EQUIVALENT). CONNECTING THE #6 COPPER WIRE FROM THE POLE TO THE LUMINAIRE GROUND & A SEPARATE CONNECTOR BONDING POLE TO SUPPLY GROUNDING CONDUCTOR."</p> <p>Notes: StressCrete makes no claims that the reference embedment depth shown is suitable for supporting this structure. It is recommended that a competent professional evaluate the soils present on site, confirming required embedment depth, hole diameter and backfill material to be used.</p>	<p>REV. </p> <p>ALTERATION </p> <p>DATE </p> <p>POLE SPECIFICATIONS</p> <p>CATALOG NO.: E295-BPO-G-E30-AG C/W KA100</p> <p>QUANTITY: 15</p> <p>SECTION: OCTAGONAL</p> <p>COLOR: SALT & PEPPER</p> <p>FINISH: POLISHED</p> <p>POLE LENGTH: 29' 6"</p> <p>POLE TOP: 5 3/8" FL/FL</p> <p>POLE BUTT: 9" FL/FL</p> <p>APPROX. WGT.: 1,350 LBS</p> <p>RACEWAY: MIN 1 1/8" TO TOP</p> <p>CUSTOMER ORDER No: 1869-00</p> <p>STRESSCRETE ORDER NO: 2110116.1</p> <p>CUSTOMER APPROVAL & DATE: _____ King Luminaires • StressCrete • Est. 1953 S T R E S S C R E T E G R O U P</p> <p>Manufacturing Locations: Burlington, Ontario 1-800-268-7809 Northport, Alabama 1-800-435-6563 Atchison, Kansas 1-800-837-1024 Jefferson, Ohio 1-800-268-7809</p> <p>PROJECT/CUSTOMER: TULALIP TRIBES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DRAWN BY: MJ</td> <td>AI: SC3</td> <td>CHECKED BY:</td> <td>DATE: 11-09-21</td> <td>REVISION:</td> </tr> <tr> <td colspan="2">DRAWING TYPE: APPROVAL DRAWING</td> <td colspan="3">DRAWING NUMBER: 2110116.1</td> </tr> </table>	DRAWN BY: MJ	AI: SC3	CHECKED BY:	DATE: 11-09-21	REVISION:	DRAWING TYPE: APPROVAL DRAWING		DRAWING NUMBER: 2110116.1		
DRAWN BY: MJ	AI: SC3	CHECKED BY:	DATE: 11-09-21	REVISION:							
DRAWING TYPE: APPROVAL DRAWING		DRAWING NUMBER: 2110116.1									

2110116.1 BASEPLATE QTY - 15

ANCHOR BOLT SLOT SIZE TOLERANCE + 1/8" / -0"



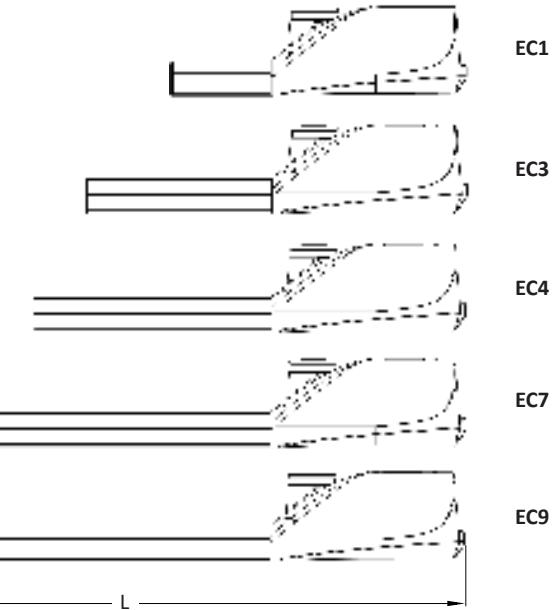
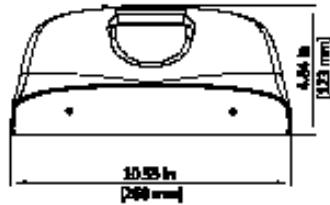
14 1/2" SQU. x 1" THK. GALV. STL.
BASEPLATE DETAIL

E-Cobra™ LED Street and Area Light

EC M2 Series Specification Data Sheet

Luminaire Data

	L	Weight	EPA
EC1	16.1 in [409 mm]	10.8 lb [4.9 kg]	0.40 ft ²
EC3	20.8 in [528 mm]	12.7 lb [5.8 kg]	0.45 ft ²
EC4	23.5 in [597 mm]	14.0 lb [6.3kg]	0.48 ft ²
EC7	30.6 in [777 mm]	19.3 lb [8.8 kg]	0.57 ft ²
EC9	35.4 in [899 mm]	21.3 lb [9.7kg]	0.63 ft ²



Ordering Information

Sample Catalog No. EC7 24M2 MV NW 2 GY 700 PCR5 WL

Product	LED Code	Voltage	Correlated Color Temperature	Distribution	Finish ¹	Drive Current Code ²	Options
EC1	4M2	MV	120-277V	WW 3000K	2 Type 2	350	FDC ³
EC1	6M2	HV	347-480V	NW 4000K	3 Type 3	530	FFA ⁴
EC3	10M2			CW 5000K	4 Type 4	700	LPCR
EC3	12M2				5 Type 5		PCR7 ⁵
EC4	15M2						PCR7-CR ⁶
EC7	18M2						7-wire PC Receptacle
EC7	20M2						Control Ready 7-wire
EC7	24M2						PC Receptacle
EC9	30M2						Utility Wattage Label
							WL
							DSC
							Door Safety Cable
							MSL3
							Motion Sensor with L3 Lens
							MSL7

Notes:

- 1 Gray, Dark Bronze, and Black standard powder coat finish; consult factory for other finishes. The Full Dark Bronze option (FDB) includes the Dark Bronze finish over the entire aluminum extrusion in addition to the electrical housing.
- 2 Specified drive current code is the factory set maximum drive current. Field adjustable current selector enables standard dimming to lower wattage drive currents only. Consult factory if wattage limits require a special drive current.
- 3 Non-field adjustable, fixed drive current. Specify required drive current. Not available with PCR7-CR option.
- 4 The FFA option enables full field adjustability from the specified drive current code to all drive currents available. This option is not DLC qualified.
- 5 Field adjustable current selector included to enable standard dimming to lower wattage drive currents only. Field changeable connectors included to enable connection to PCR7 (wireless node dimming is disabled by default).
- 6 Control-ready wired at factory for wireless node dimming. Supplied at maximum drive current. If lower drive current is required, consult factory.
- 7 Flush mounted house side shield. Shield cuts light off at 1/2 mounting height behind luminaire.
- 8 Flush mounted cul-de-sac shield. Shield cuts light off at 1/2 mounting height behind luminaire and 1-1/2 mounting height on either side of luminaire.
- 9 Specify Color (GY, DB, BK)
- 10 Specify MV (120-277V) or HV (347V or 480V)
- 11 Replace the "X" in Accessory Code with the appropriate product code number.

Accessories*

HSSECX ^{7,11}	House Side Shield, Snap-On
CSSECX ^{8,11}	Cul-De-Sac Side Shield, Snap-On
SPB ⁹	Square Pole Horizontal Arm Bracket
RPB ⁹	Round Pole Horizontal Arm Bracket
PTB ⁹	Pole Top Tenon Horizontal Arm Bracket
PTB2 ⁹	Pole Top Tenon Horizontal Arm Bracket (2@180°)
WB ⁹	Wall Horizontal Arm Bracket
BSK	Bird Deterrent Spider Kit
LLPC ¹⁰	Long-Life Twist Lock Photocontrol
SC	Twist Lock Shorting Cap

*Accessories are ordered separately and not to be included in the catalog number. For factory installed HSS/CSS, consult factory.

Luminaire Specifications

Housing

Die cast aluminum housing with universal two-bolt slip fitter mounts to 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter mast arm. Aluminum housing provides passive heat-sinking of the LEDs and has upper surfaces that shed precipitation. Mounting provisions meet 3G vibration per ANSI C136.31-2010 Normal Application, Bridge & Overpass. Mounting has leveling adjustment from +5° to -5° in 2.5° increments. Electrical components are accessed without tools and are mounted on removable power door with stainless steel latches. Standard rubber wildlife guard conforms to mast arm with no gaps.

Light Emitting Diodes

Hi-flux/Hi-power white LEDs produce a minimum of 90% of initial intensity at 100,000 hours of life based on IES TM-21. LEDs are tested in accordance with IES LM-80 testing procedures. LEDs have correlated color temperature of 3000K (WW), 4000K (NW), or 5000K (CW) and 70 CRI minimum. LEDs are 100% mercury and lead free.

Field Adjustability

LED drive current can be changed in the field to adjust light output for local conditions (not available with PCR7-CR option). The specified drive current code will be the factory set maximum drive current and field adjustments can only be made to available lower wattage drive currents. Select the FFA option if full field adjustability to all available drive currents (700mA max) is desired. The FFA option is not DLC qualified.

Quality Control

Every luminaire is performance tested before and after a 2-hour burn-in period. Assembled in the USA.

Optical Systems

Micro-lens optical systems produce IESNA Type 2, Type 3, Type 4 or Type 5 distributions and are fully sealed to maintain an IP66 rating. Luminaire produces 0% total lumens above 90° (BUG Rating, U=0). Optional house side shield (HSS) cuts light off at 1/2 mounting height behind luminaire. Optional Cul-de-sac shield (CSS) cuts light off at 1 mounting height on each side of luminaire. Both HSS and CSS can be field installed without tools.

Electrical

Rated life of electrical components is 100,000 hours. Uses isolated power supply that is 1-10V dimmable. Power supply is wired with quick-disconnect terminals. Power supply features a minimum power factor of .90 and <20% Total Harmonic Distortion (THD). EMC performance meets or exceeds FCC CFR Part 15. Terminal block accommodates 6 to 14 gauge wire. Surge protection complies with IEEE/ANSI C62.41 Category C High, 20kV/10kA and ANSI C136.2-2015, 20kV/10kA.

Controls

3-Wire photocontrol receptacle is standard. ANSI C136.41 7-wire (PCR7) photocontrol receptacle is available. All photocontrol receptacles have tool-less rotatable bases. Wireless control module is provided by others.

Finish

Housing receives a fade and abrasion resistant polyester powder coat finish with 3.0 mil nominal thickness. Finish tested to withstand 5000 hours in salt spray exposure per ASTM B117. Finish meets scribe creepage rating 8 per ASTM D1654. Finish tested 500 hours in UV exposure per ASTM G154 and meets ASTM D523 gloss retention. Aluminum extruded components are anodized (except with Full Bronze option).

Listings/Ratings/Labels

Luminaires are UL listed for use in wet locations in the United States and Canada. International Dark Sky Association listed. Luminaire is qualified to operate at ambient temperatures of -40°C to 40°C.

Photometry

Luminaires are tested by certified independent testing laboratories in accordance with IES LM-79 testing procedures. IES files for all CCTs are available at leotek.com.

Warranty

10-year limited warranty is standard on luminaire and components.

Standards

Luminaire complies with:
ANSI: C136.2, C136.3, C136.10, C136.13, C136.15, C136.22, C136.31, C136.35, C136.37, C136.41, C62.41, C78.377, C82.77
Other: FCC 47 CFR, IEC 60598, ROHS II, UL 1449, UL 1598

Performance Data: 4000K (NW) and 5000K (CW)

All data nominal. IES files for all CCTs are available at leotek.com.

Product	Drive Current Code	System Wattage (W)	Type 2, 3, 4		Type 5	
			Delivered Lumens (lm) ¹	Efficacy (lm/W)	Delivered Lumens (lm) ¹	Efficacy (lm/W)
EC1 4M2	350	20	2250	112	2300	114
	530	28	3050	109	3100	111
	700	36	3850	107	3900	108
EC1 6M2	350	29	3350	116	3450	119
	530	41	4600	111	4850	117
	700	54	5750	107	5950	111
EC3 10M2	350	41	5050	123	5150	126
	530	63	7300	116	7450	118
	700	87	9350	107	9550	110
EC3 12M2	350	55	6050	110	6200	113
	530	83	8800	106	8950	108
	700	107	11250	105	11450	107
EC4 15M2	350	63	8050	128	8200	130
	530	90	10950	122	11200	124
	700	124	14250	115	14550	117
EC7 18M2	350	81	9050	112	9200	114
	530	122	12950	106	13200	108
	700	160	16550	103	16900	106
EC7 20M2	350	84	10050	120	10250	122
	530	132	14400	109	14650	111
	700	172	18400	107	18750	109
EC7 24M2	350	98	12050	123	12200	125
	530	152	17250	113	17750	117
	700	209	22550	108	22700	109
EC9 30M2	350	133	16500	124	16600	125
	530	202	23500	116	23700	117
	700	262	28300	108	29150	111

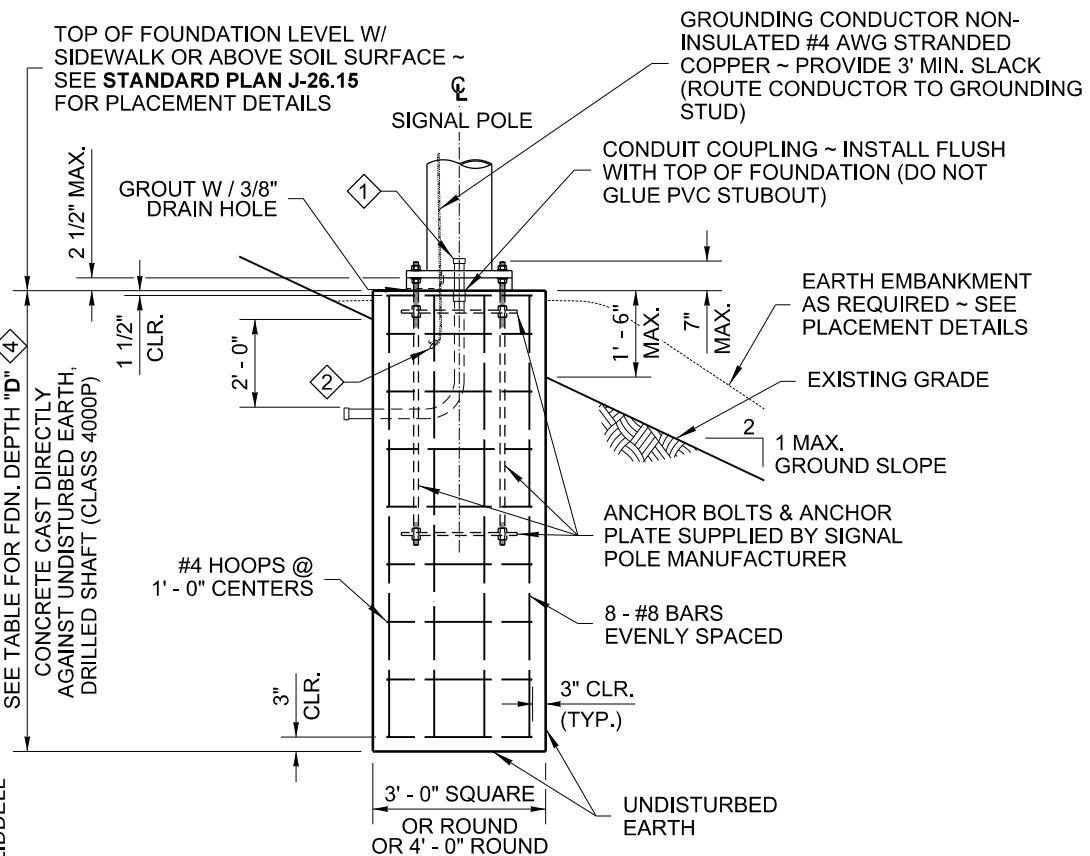
Notes:

1 Nominal lumens. Normal tolerance $\pm 10\%$ due to factors including distribution type, LED bin variance, and ambient temperatures.

BUG Ratings: 4000K (NW) and 5000K (CW)

All data nominal. IES files for all CCTs are available at leotek.com.

Product	Drive Current Code	Type 2	Type 3	Type 4	Type 5
EC1 4M2	350	B1 U0 G1	B1 U0 G1	B1 U0 G1	B1 U0 G0
	530	B1 U0 G1	B1 U0 G1	B1 U0 G1	B2 U0 G0
	700	B1 U0 G1	B1 U0 G1	B1 U0 G1	B2 U0 G1
EC1 6M2	350	B1 U0 G1	B1 U0 G1	B1 U0 G1	B2 U0 G1
	530	B1 U0 G1	B1 U0 G1	B1 U0 G1	B2 U0 G1
	700	B1 U0 G1	B1 U0 G1	B1 U0 G1	B3 U0 G1
EC3 10M2	350	B1 U0 G1	B1 U0 G1	B1 U0 G1	B3 U0 G1
	530	B2 U0 G2	B1 U0 G1	B2 U0 G2	B3 U0 G1
	700	B2 U0 G2	B2 U0 G2	B2 U0 G2	B3 U0 G2
EC3 12M2	350	B1 U0 G1	B1 U0 G1	B1 U0 G1	B3 U0 G1
	530	B2 U0 G2	B2 U0 G2	B2 U0 G2	B3 U0 G2
	700	B2 U0 G2	B2 U0 G2	B2 U0 G2	B3 U0 G2
EC4 15M2	350	B2 U0 G2	B2 U0 G2	B2 U0 G2	B3 U0 G1
	530	B2 U0 G2	B2 U0 G2	B2 U0 G2	B3 U0 G2
	700	B3 U0 G3	B2 U0 G2	B3 U0 G2	B4 U0 G2
EC7 18M2	350	B2 U0 G2	B2 U0 G2	B2 U0 G2	B3 U0 G2
	530	B3 U0 G3	B2 U0 G2	B3 U0 G2	B4 U0 G2
	700	B3 U0 G3	B2 U0 G2	B3 U0 G3	B4 U0 G2
EC7 20M2	350	B2 U0 G2	B2 U0 G2	B2 U0 G2	B3 U0 G2
	530	B3 U0 G3	B2 U0 G2	B3 U0 G2	B4 U0 G2
	700	B3 U0 G3	B3 U0 G2	B3 U0 G3	B4 U0 G2
EC7 24M2	350	B2 U0 G2	B2 U0 G2	B2 U0 G2	B4 U0 G2
	530	B3 U0 G3	B3 U0 G2	B3 U0 G2	B4 U0 G2
	700	B3 U0 G3	B3 U0 G3	B3 U0 G3	B4 U0 G2
EC9 30M2	350	B3 U0 G3	B2 U0 G2	B3 U0 G2	B4 U0 G2
	530	B3 U0 G3	B3 U0 G3	B3 U0 G3	B4 U0 G3
	700	B3 U0 G3	B3 U0 G3	B3 U0 G4	B5 U0 G3



TOP OF FOUNDATION LEVEL W/ SIDEWALK OR ABOVE SOIL SURFACE ~ SEE STANDARD PLAN J-26.15 FOR PLACEMENT DETAILS

GROUNDS CONDUCTOR NON-INSULATED #4 AWG STRANDED COPPER ~ PROVIDE 3' MIN. SLACK (ROUTE CONDUCTOR TO GROUNDING STUD)

SIGNAL POLE

CONDUIT COUPLING ~ INSTALL FLUSH WITH TOP OF FOUNDATION (DO NOT GLUE PVC STUBOUT)

EARTH EMBANKMENT AS REQUIRED ~ SEE PLACEMENT DETAILS

EXISTING GRADE

1 MAX. GROUND SLOPE

ANCHOR BOLTS & ANCHOR PLATE SUPPLIED BY SIGNAL POLE MANUFACTURER

8 - #8 BARS EVENLY SPACED

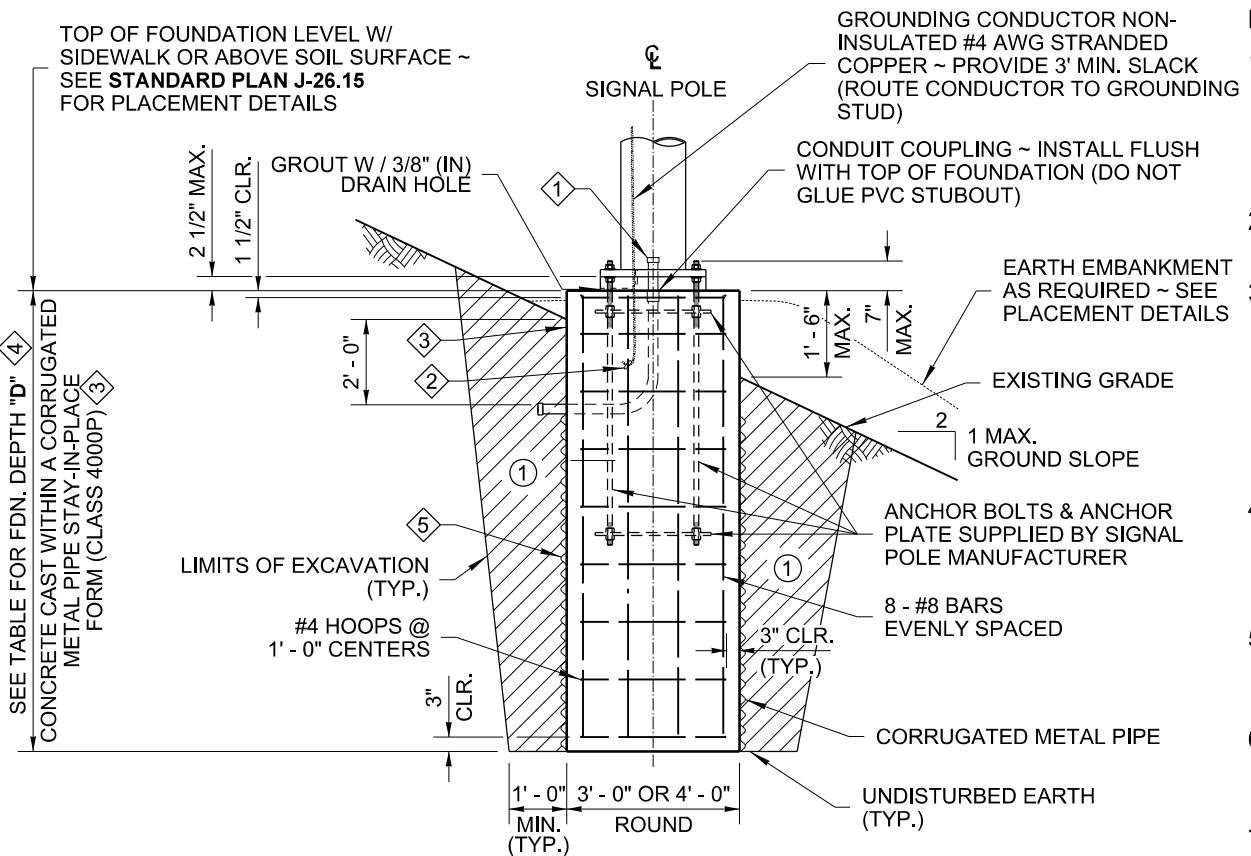
1' - 0" CENTERS

3" CLR. (TYP.)

3' - 0" SQUARE OR ROUND OR 4' - 0" ROUND

UNDISTURBED EARTH

SEE TABLE FOR FDN. DEPTH "D" CONCRETE CAST DIRECTLY AGAINST UNDISTURBED EARTH (CLASS 4000P)



TOP OF FOUNDATION LEVEL W/ SIDEWALK OR ABOVE SOIL SURFACE ~ SEE STANDARD PLAN J-26.15 FOR PLACEMENT DETAILS

GROUNDS CONDUCTOR NON-INSULATED #4 AWG STRANDED COPPER ~ PROVIDE 3' MIN. SLACK (ROUTE CONDUCTOR TO GROUNDING STUD)

SIGNAL POLE

CONDUIT COUPLING ~ INSTALL FLUSH WITH TOP OF FOUNDATION (DO NOT GLUE PVC STUBOUT)

EARTH EMBANKMENT AS REQUIRED ~ SEE PLACEMENT DETAILS

EXISTING GRADE

1 MAX. GROUND SLOPE

ANCHOR BOLTS & ANCHOR PLATE SUPPLIED BY SIGNAL POLE MANUFACTURER

8 - #8 BARS EVENLY SPACED

1' - 0" CENTERS

3" CLR. (TYP.)

3' - 0" OR 4' - 0" ROUND

UNDISTURBED EARTH (TYP.)

LIMITS OF EXCAVATION (TYP.)

SEE TABLE FOR FDN. DEPTH "D" CONCRETE CAST WITHIN A CORRUGATED METAL PIPE STAY-IN-PLACE FORM (CLASS 4000P)

FOUNDATION REINFORCEMENT AND BACKFILL DETAIL
⑤ CONCRETE CAST WITHIN A CORRUGATED METAL PIPE STAY-IN-PLACE FORM

ALTERNATE # 1

① CONDUIT SIZE AND QUANTITY AS SHOWN IN THE CONTRACT; CAP BOTH ENDS.
② CLAMP CONDUCTOR TO STEEL REINFORCING WITH LISTED CONNECTOR SUITABLE FOR USE EMBEDDED IN CONCRETE

ALTERNATE # 2

③ PAPER OR CARDBOARD FORM SHALL NOT STAY-IN-PLACE
④ SEE NOTE 5

NOTES

- This structure has been designed according to the Fifth Edition 2009 AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. Basic wind velocity is 90 mph, Design Life/Recurrence Interval 50 years, and Fatigue Category III.
- Foundations are designed for Type II, III, and SD Signal Standards with a maximum mast arm length of 65'.
- Foundations are designed for Single Mast Arm Standards and Double Mast Arm Standards with 90° between arms. Special foundation design is required for Double Arm Standards where the angle between mast arms is other than 90°. For Double Mast Arm Standards with 90° between arms, use larger XYZ value for foundation depth selection.
- Foundations not within the parameters of this standard require Special Design. Contact the **WSDOT Bridge and Structures Office** through the Engineer for Special Foundation Designs.
- Where a foundation is constructed within a Media Filter Drain, the foundation depth shown in the Contract Plans shall be increased by the depth of the Media Filter Drain.
- The top 2 feet of the foundation shall use a smooth form (such as paper or cardboard). After the concrete has cured, this entire form shall be removed.
- For design parameters between the values listed in Table, depth requirements may be interpolated between the values provided.
- Install Signal Foundation Identification Tag. See **Standard Plan J-26.15** for details.

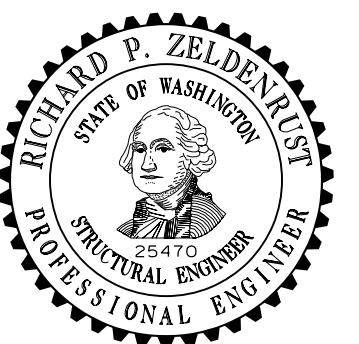
ALTERNATE #2 - CONSTRUCTION METHOD METAL (SUBSURFACE) FORM REQUIRED

When the existing soil will not retain a vertical face, over-excavate the foundation area and install a 36" or 48" diameter corrugated metal (pipe) form. The top of the corrugated metal form shall terminate 1 foot below final grade. Continue forming to full height using paper or cardboard form to achieve a smooth finish on final exposed cement concrete. Support the form as necessary to remain plumb.

Place the concrete foundation.

After concrete has cured, remove the entire paper or cardboard form portion.

① Shoring or Extra Excavation as required. Excavated area shall be backfilled with Controlled-Density Fill (CDF), or with soil in accordance with **Standard Specification Section 8-20.3(2)** and Compaction Method 1 of **Standard Specification Section 2-09.3(1)E**.



TRAFFIC SIGNAL STANDARD FOUNDATION

STANDARD PLAN J-26.10-03

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER
Washington State Department of Transportation

FOUNDATION DEPTH "D" TABLE																			
ALTERNATE # 1 DRILLED SHAFT-TYPE CONSTRUCTION FOR LATERAL BEARING PRESSURE = 2500 PSF & Ø = 34°, 1500 PSF & Ø = 28°, 1000 PSF & Ø = 26°																			
ALLOWABLE LATERAL BEARING PRESSURE	FOUNDATION TYPE	GROUND SLOPE = 3H : 1V OR FLATTER								ALLOWABLE LATERAL BEARING PRESSURE	FOUNDATION TYPE	GROUND SLOPE = GREATER THAN 3H : 1V TO 2H : 1V							
		700	900	1350	1500	1900	2300	2600	3000			700	900	1350	1500	1900	2300	2600	3000
1000 PSF	3' - 0" ROUND	10' - 0"	10' - 0"	11' - 0"	11' - 0"	15' - 0"	18' - 0"	20' - 0"	20' - 0"	1000 PSF	3' - 0" ROUND	SPECIAL FOUNDATION TYPE							
	3' - 0" SQUARE	8' - 0"	8' - 0"	9' - 0"	9' - 0"	10' - 0"	11' - 0"	12' - 0"	12' - 0"		3' - 0" SQUARE	SPECIAL FOUNDATION TYPE							
	4' - 0" ROUND	8' - 0"	8' - 0"	9' - 0"	9' - 0"	10' - 0"	11' - 0"	12' - 0"	12' - 0"		4' - 0" ROUND	SPECIAL FOUNDATION TYPE							
1500 PSF	3' - 0" ROUND	8' - 0"	8' - 0"	9' - 0"	11' - 0"	13' - 0"	15' - 0"	18' - 0"	18' - 0"	1500 PSF	3' - 0" ROUND	11' - 0"	11' - 0"	12' - 0"	14' - 0"	16' - 0"	18' - 0"	21' - 0"	21' - 0"
	3' - 0" SQUARE	7' - 0"	7' - 0"	7' - 0"	8' - 0"	8' - 0"	9' - 0"	10' - 0"	10' - 0"		3' - 0" SQUARE	10' - 0"	10' - 0"	10' - 0"	11' - 0"	11' - 0"	12' - 0"	13' - 0"	13' - 0"
	4' - 0" ROUND	7' - 0"	7' - 0"	7' - 0"	8' - 0"	8' - 0"	9' - 0"	10' - 0"	10' - 0"		4' - 0" ROUND	10' - 0"	10' - 0"	10' - 0"	11' - 0"	11' - 0"	12' - 0"	13' - 0"	13' - 0"
2500 PSF OR GREATER	3' - 0" ROUND	6' - 0"	6' - 0"	7' - 0"	8' - 0"	9' - 0"	11' - 0"	15' - 0"	15' - 0"	2500 PSF OR GREATER	3' - 0" ROUND	9' - 0"	9' - 0"	10' - 0"	12' - 0"	12' - 0"	14' - 0"	18' - 0"	18' - 0"
	3' - 0" SQUARE	6' - 0"	6' - 0"	6' - 0"	6' - 0"	7' - 0"	7' - 0"	8' - 0"	8' - 0"		3' - 0" SQUARE	9' - 0"	9' - 0"	9' - 0"	10' - 0"	10' - 0"	11' - 0"	11' - 0"	11' - 0"
	4' - 0" ROUND	6' - 0"	6' - 0"	6' - 0"	6' - 0"	7' - 0"	7' - 0"	8' - 0"	8' - 0"		4' - 0" ROUND	9' - 0"	9' - 0"	9' - 0"	10' - 0"	10' - 0"	10' - 0"	11' - 0"	11' - 0"
ALTERNATE # 2 CORRUGATED METAL PIPE TYPE CONSTRUCTION FOR LATERAL BEARING PRESSURE = 2500 PSF & Ø = 23°, 1500 PSF & Ø = 18°, 1000 PSF & Ø = 17°										ALLOWABLE LATERAL BEARING PRESSURE	FOUNDATION TYPE	GROUND SLOPE = 3H : 1V OR FLATTER							
												700	900	1350	1500	1900	2300	2600	3000
1000 PSF	3' - 0" ROUND	10' - 0"	10' - 0"	11' - 0"	15' - 0"	20' - 0"	25' - 0"	28' - 0"	28' - 0"	1000 PSF	3' - 0" ROUND	SPECIAL FOUNDATION TYPE							
	4' - 0" ROUND	8' - 0"	8' - 0"	9' - 0"	12' - 0"	14' - 0"	15' - 0"	15' - 0"	15' - 0"		4' - 0" ROUND	SPECIAL FOUNDATION TYPE							
1500 PSF	3' - 0" ROUND	8' - 0"	8' - 0"	11' - 0"	15' - 0"	18' - 0"	21' - 0"	25' - 0"	25' - 0"	1500 PSF	3' - 0" ROUND	11' - 0"	11' - 0"	14' - 0"	18' - 0"	21' - 0"	24' - 0"	28' - 0"	23' - 0"
	4' - 0" ROUND	7' - 0"	7' - 0"	7' - 0"	8' - 0"	10' - 0"	13' - 0"	15' - 0"	15' - 0"		4' - 0" ROUND	10' - 0"	10' - 0"	10' - 0"	11' - 0"	13' - 0"	16' - 0"	18' - 0"	18' - 0"
2500 PSF OR GREATER	3' - 0" ROUND	6' - 0"	6' - 0"	7' - 0"	11' - 0"	13' - 0"	18' - 0"	20' - 0"	20' - 0"	2500 PSF OR GREATER	3' - 0" ROUND	9' - 0"	9' - 0"	10' - 0"	14' - 0"	16' - 0"	21' - 0"	23' - 0"	23' - 0"
	4' - 0" ROUND	6' - 0"	6' - 0"	6' - 0"	6' - 0"	7' - 0"	9' - 0"	9' - 0"	9' - 0"		4' - 0" ROUND	9' - 0"	9' - 0"	9' - 0"	10' - 0"	12' - 0"	12' - 0"	12' - 0"	12' - 0"

STATE DESIGN ENGINEER
Washington State Department of Transportation