LEWIS COUNTY TRANSIT

Connecting Our Communities

September 15, 2025

SUBMITTED BY:

JOE CLARK

EXECUTIVE DIRECTOR

212 E. LOCUST ST
CENTRALIA WA 98531

360.330.2072

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Construction and Bidding Documents for a Public Transit Bus Stop & EV Charging Site – Mineral e-Transit Station, 104 East Front St, Mineral

Solicitation for Bids
Construction and Bidding Documents for a Public Transit Bus Stop & EV Charging Site – Mineral e-Transit Station

Proposed for:

104 East Front Street
Mineral, WA 98355

Offered by:

Lewis Public Transportation Benefit Area (LPTBA) dba Lewis County Transit

September 15, 2025

COVER LETTER

September 15, 2025

Subject:	Solicitation for Bids: Construction
Project:	Mineral e-Transit Station
Owner:	Lewis Public Transportation Benefit Area a.k.a. Lewis County Transit
Project Address:	104 East Front Street Mineral, WA 98355
Bid Deadline:	09/30/2025

Dear Prospective Bidder,

Lewis Public Transportation Benefit Area, hereinafter "Owner", is accepting bids for the construction of a transit bus stop and EV charging site, located at 104 East Front Street, Mineral, WA 98355. Preliminary drawings have been approved by Lewis County Community Development.

This bid packet contains a project overview, eligibility requirements, conceptual site and construction plans/specifications, and instructions needed for bidding on this project.

You are hereby invited to review the documents, visit the site, and submit your proposal for the above referenced project work in accordance with the Bid Documents. Bids are to include all sales tax, freight and any other miscellaneous charges. Owner may, at its discretion, accept or reject any or all bids.

This project has an approximate start date of October 1, 2025 and a target completion date on or before December 31, 2025.

For any questions on project specifications or scope of work, please contact the Executive Director via e-mail at joe@lewiscountytransit.org.

Sincerely,

Joseph L. Clark

Executive Director

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PROJECT OVERVIEW

1. Lewis Public Transportation Benefit Area a.k.a. Lewis County Transit is a public transit agency in Lewis County, Washington. Lewis County Transit has provided public transit services to the cities of Centralia and Chehalis since 1977.
2. This project will consist of installation of an electric vehicle charging station at the site of an existing convenience market and construction of sidewalk along a portion of the adjacent public right-of-way. The detailed project design criteria requested by the Owner for your respected component are available later in this bid packet.
3. Please contact any of the management team members for questions concerning preliminary project planning.

4. The Project Management Team:

   Joe Clark, Executive Director
   (Owner's Representative)
   360.330.2072 Office
   360.880.7177 Cell
   joe@lewiscountytransit.org

   Rebecca Towner, Director of Finance & HR
   360.330.2072 Office
   360.880.0387 Cell
   rebecca@lewiscountytransit.org

5. It is the intent of the 'Owner' to select a single contractor to be known as the 'Prime Contractor' for the purpose of performing the oversight and accountability of the entire project. The 'Prime Contractor' will have the responsibility to provide or sub-contract for engineering services, architectural services, permitting, hiring of contractors and sub-contractors, payment to contractors and sub-contractors, project management and work-place safety. Other duties deemed necessary for the successful completion of the project may also be assigned by the 'Owner' to the 'Prime Contractor.' The 'Prime Contractor' assigned to this project shall report directly to the 'Owner' as defined by their scope of work.

6. The following list outlines how the project will be sub-divided into contract assignments. After each respected contractor title, a brief description of their scope of work is listed. Some project assignments may not be included in this list.
   a. Owner:
      i. Application and payment for proper construction permits.
         1. Contractor shall be responsible to provide all requested/required documents for necessary permits.
      ii. Procurement of contractors listed below.
      iii. Proper disposal of excess site fill.
         1. Owner to approve fill.
         2. Only approved fill may be used on the site.

b. Building Contractor:
    i. Final design updates will be coordinated between the Owner and Contractor.
    ii. Supply materials and labor for the construction of the bus pullout.
    iii. All required earthwork for the construction.
    iv. Temporary restrooms and hand-washing facilities.

7. The Owner will collaborate with the awarded Prime Contractor for the development of the master construction schedule at a pre-construction meeting. Any changes made to the schedule by the 'Prime Contractor' or any sub-contractor must be approved by the Owner.

SECTION 1: INSTRUCTIONS TO BID

1. The Bidder must follow the instructions in this section and use the information and forms provided in this bid packet to prepare and submit a final proposal and bid price. The Owner does not assume any responsibility for errors or misinterpretations resulting from the use of an incomplete bid packet. The Owner may also issue clarifications and modifications to the bid packet as it deems necessary.

2. By Owner's request, the Bidder may be asked to submit the following company information within five (5) business days of the bid due date to demonstrate their qualification to perform the work:
    a. Financial statements.
    b. Previous experience.
    c. Present commitments.
    d. Any other data as may be requested.

3. Each proposal must contain evidence of the Bidder's required qualifications:
    a. Registered to do business in the state where the project is located.
    b. Washington State Contractor License.
    c. L&I Training Requirement Met or Exempt.
    d. Proof of Insurance.
        i. Please reference Article 17 in the example Construction Agreement (CA) provided later in this document for the minimum coverages and limits required.
    e. Bondable to a minimum of $1,000,000.
    f. Capability to supply an adequate number of skilled workmen, experienced in the craft they are performing, to insure a timely completion of the project.

4. Proposals must be submitted by corporations, partnerships or LLC must follow the procedures outlined below:
    a. Proposals and bids submitted by Corporations must be executed in the corporate name by the president, vice president or other corporate officer with the authorization to sign.
    b. Proposals and bids submitted by Partnerships must be executed in the partnership name and signed by a partner or other individuals who are authorized to sign.
    c. Proposals and bids submitted by a Limited Liability Company (LLC) must be executed in the LLC's name and signed by a member manager or any individual who has the authority to sign on behalf of the Bidder.
    d. Proof of authorization may be requested by the Owner.

5. The Bidder shall see that all of the following actions are taken while formulating their bid proposal.
    a. Examine all bid packet documents.
    b. Visit and become familiar with the project site and local conditions.
    c. Consider Federal, State and Local Laws and Regulations that affect the project.
    d. Study and correlate all observations with the bid packet.
    e. Notify the Owner of any and all conflicts, errors or discrepancies found in the bid packet.

6. Proposals must be hand delivered to the 212 E Locust Street, Centralia, office, no later than 11:30 a.m. on Tuesday, September 30, 2025. Questions about the meaning or intent of information provided in this bid packet are to be directed to the Lewis County Transit Executive Director via e-mail.

7. If applicable, a final Project Site Layout Exhibit shall be issued to the Bidder to ensure the bidder's final design accommodates the proposed site criteria.

8. Bidder must include the following when submitting their final bid proposal:
    a. Completed Bid Form including the Bidder's contact information, proposed schedule, list of subcontractors, and cost breakdown.
    b. Written Bid Proposal outlining scope of work and schedule.

9. Base Bids must be priced on a lump sum basis. A separate price shall be included for each alternative bid option, if applicable, as described in the design specifications and listed in the bid form. The bid option price for each alternative shall be the amount to be added or deducted from the base bid price if the Owner decided to use or not use the option.

10. Bid proposals and drawings shall be submitted on or before **11:30 am on Tuesday, September 30, 2025.** Bids must be hand delivered to Lewis County Transit's transit office at 212 E Locust Street, Centralia.

11. Submittals of the bid documents to the Owner shall be at the Responder's sole expense.

12. All bids will be opened at 212 E Locust Street, Centralia at **11:30 am on Tuesday, September 30, 2025**.

13. The bid proposal may be requested to be modified or withdrawn only, in writing, by the person who submitted the original bid or other authorized representative, prior to being opened.

14. Bidders will be notified within forty-five (45) business days of their final decision. The Owner may, at its sole discretion, reject any and all bids without reason.

15. After the Owner awards the work to the successful Bidder, but before the construction contract is signed, the Bidder must provide to the Owner the following:
    a. Certificates of Insurance to meet Owner's requirements, including but not limited to, LPTBA aka Lewis County Transit listed as an additional insured.
    b. A Schedule of Values listing each major construction component, including material cost, installation cost and other miscellaneous cost to complete its construction.
        i. A Schedule of Values Form may be requested from the Owner's Representative.
    c. An updated set of Contract Materials including scope of work, specifications, general arrangement drawings and equipment lists if applicable.
    d. A Project Schedule from mobilization through completion with major components listed separately with approximate work start through completion. The project schedule is preferred to be submitted in Microsoft Project format if possible but will be accepted in other formats.
    e. A Projected Payment Plan charting the requested payments that the Contractor would like to receive from the Owners on a regularly scheduled basis.
    f. A firm date for completion of the project.
    g. A signed copy of the Contractor's Safety Rules Form.
16. Bid Protest Procedures
    a. Procedure: A Bidder protesting for any reason the Bidding Documents, a bidding procedure, the Owner's objection to the Bidder or a person or entity proposed by the Bidder, including but not

limited to a finding of non-responsibility, the award of the Contract or of any other aspect arising from or relating in any way to the bidding shall cause a written protest to be filed with the Owner within two (2) business days of the event giving rise to the protest and, in any event, no later than two (2) business days after the date upon which Bids are opened. (Intermediate Saturdays, Sundays, and legal holidays are not counted.) The written protest shall include the name of the protesting Bidder, a detailed description of the specific factual and legal grounds for the protest, copies of all supporting documents, and the specific relief requested. The written protest shall be delivered to the Owner; Lewis County Transit at 212 E Locust Street, Centralia, WA 98531.

b. Consideration: Upon receipt of the written protest, the Owner will consider the protest. The Owner may, within three (3) business days of the Owners' receipt of the protest, provide any other affected Bidder(s)the opportunity to respond in writing to the protest. If the protest is not resolved by mutual agreement of the protesting Bidder and the Owner, the designee will review the issues and promptly furnish a final and binding written decision to the protesting Bidder and any other affected Bidder(s) within six (6) business days of the Owners' receipt of the protest. (If more than one protest is filed, the Owners' decision will be provided within six (6) business days of the Owners' receipt of the last protest.) If no reply is received from the Owner during the six- business-day period, the protest shall be deemed rejected.
c. Waiver: Failure to comply with these protest procedures will render a protest waived.
d. Condition Precedent: Timely and proper compliance with and exhaustion of these protest procedures shall be a condition precedent to any otherwise permissible judicial consideration of a protest.

17. Lewis County Transit, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 23 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.

SECTION 2: GENERAL REQUIREMENTS/QUALITY CONTROL

GENERAL PROJECT REQUIREMENTS

1. Proper construction site procedures must be provided and followed in order to maintain site productivity and safety between the Owner and the Contractor; as necessary, the following will be provided:

2. Builders Risk Insurance:
   a. The Contractor shall be responsible for providing builders risk insurance and all other insurance requirements stated in the sample contract.

3. Jobsite Security:
   a. The Contractor shall be responsible for securing their own equipment and construction materials.
      i. The Owner shall NOT be responsible for any onsite theft or damage of these items.

4. Temporary Electricity Service:
   a. The Contractor shall provide and pay for temporary electrical power on the construction site, if necessary.
   b. The Contractor shall provide and pay for any temporary construction connections needed.
      i. This includes wiring, cords, outlets, lamps, devices and connections required.
      ii. Installation, service, wiring and devices shall be safe.

5. Temporary Lighting:
   a. The Contractor is to provide and install their own temporary lighting for the construction site to satisfy safety and security requirements.
   b. Sufficient lighting must be available in all work areas and during work hours.
   c. The lighting level shall not be less than that required by OSHA standards.
   d. As permanent lighting facilities are completed, they may be used in lieu of temporary ones.

6. Temporary Doors:
   a. The Contractor is ultimately responsible for the final condition of all facility doors, frames and hardware specified within their scope of work.
   b. During construction, the Contractor shall provide a temporary door assembly that can protect against the elements of weather and be secured with lockable hardware.
   c. After final project completion, the temporary doors must be replaced with the specified doors, frames and hardware which should be in new condition and fully functional.

7. Sanitary Facilities:
   a. Contractors must provide adequate sanitary facilities for their personnel at the location.

8. Snow Removal:
   a. Contractor shall be responsible for the snow removal within the construction limits during construction until the Owner make beneficial use of the facility.

9. Fencing and Barricades:
    a. Contractor shall be responsible to provide and maintain fencing around excavations and hazards and shall protect adjacent features from damage from his operations.
        i. Fencing shall be adequate to prevent accidents and safeguard the public and workmen.
        ii. Fencing shall be neat and well maintained.

10. Contractor shall be responsible to provide and maintain barricades where required to warn of a hazard and to stop the public and workman.
        i. Barricades shall have properly operating warning lights, illuminated or flashing at all time, when deemed necessary by site safety personnel.

11. Crane Use:
    a. Contractor shall be required to follow the rules and regulations on crane safety as found in the Federal Register Part II, Department of Labor, Occupational Safety and Health Administration, 29 CFR Part 1926, Cranes and Derricks in Construction; Final Rule. For more information visit: https://www.osha.gov/sites/default/files/cranesreg.pdf

12. Execution and Closeout Requirements:
    a. The execution of all work shall be in strict accordance with these specifications and manufacturer's written specifications. Where the manufacturer's recommended details are used, the manufacturer shall be responsible for the performance of their product. All work not specifically mentioned that is required to make the Work complete and operational shall be included.

13. Codes:
    a. All construction shall comply with all applicable federal, state and local building codes.
    b. It is the responsibility of Contractor to ensure compliance with said codes and modify the specifications as needed to comply with such codes.

14. Workmanship:
    a. All workmanship shall conform to the best and highest standards of quality in each trade and shall include all items of fabrication, construction and installation.
    b. All work shall be completed by skilled tradesmen and mechanics.
    c. Installation of all equipment and materials shall be in strict accordance with manufacturer's recommendations.

15. Cleaning and Waste Management:
    a. The construction site shall be in a clean and orderly condition throughout the construction process.
    b. At the conclusion of construction, the site shall be properly cleaned, and all waste and surplus materials removed.
    c. Contractor shall be responsible for construction dumpsters and trash and construction waste removal from the site.

CONSTRUCTION QUALITY CONTROL

1. To assure the quality of construction, proper construction documents, observations and material testing must be provided and communicated between the Owner, Contractor and Material Testing Agency throughout the complete project duration.

2. Construction shall comply with all applicable National, State and Local building codes, NFPA 68 and 101, OSHA.
   a. It is the responsibility of the Contractor to ensure compliance with said codes, whether currently enforced or not, and modify the specifications as needed to comply with such codes.
   b. All re-work due to the Contractor not complying with any and all applicable codes shall be the full financial responsibility of the Contractor.

3. Workmanship shall conform to the best and highest standards of quality in each trade and shall include all items of fabrication, construction and installation.
   a. All work shall be completed by skilled tradesmen and mechanics.
   b. Installation of all equipment and materials shall be in strict accordance with manufacturers' recommendations.
   c. All re-work due to poor quality workmanship or equipment miss-installation shall be the full financial responsibility of the Contractor.

SECTION 3: BID FORM / SCOPE OF WORK / DESIGN CRITERIA / SPECIFICATIONS

SECTION 3A: BID FORM

Subject:	Solicitation for Bids: Construction
Project:	Mineral e-Transit Station
Owner:	Lewis Public Transportation Benefit Area a.k.a. Lewis County Transit
Project Address:	104 East Front Street Mineral, WA 98355

Bidder full and legal name: _____

Address: _____

_____

Contact Person: _____

Title: _____

E-mail Address: _____

Phone Numbers: Office – _____

Fax – _____

Mobile – _____

Date: _____

Registered to do business in the state of WA? (YES) (NO)

Contractor's EMR Rating: _____

If a Corporation, in which State is it located? _____

If Partnership or LLC, state full names of all Partners or Members:

_____

_____

_____

1. Base Bid:
    a. Bidder agrees to provide all the materials and labor as outlined in the Scope of Work and Specifications and to perform and complete the work for the Project for the Stipulated Price of:

        _____Dollars ($_____).

        i. Bidder has included_____Dollars ($_____) for sales, use or excise tax in the price shown in (a) above.

2. Pricing Breakdown:
   a. Earthwork $_____
   b. Concrete $_____
   c. Paint and Striping $_____
   d. Signage $_____
   e. ADA Compliance $_____

3. Acknowledgement of Addendums:
   a. The following Addendums have been received. The modification to the Contract Documents noted therein have been considered and all cost thereto are included in the Bid Price.

Date	Addendum No.
_____	_____
_____	_____

4. Names of major Subcontractors:
   a. Earthwork Subcontractor _____
   b. Concrete Subcontractor _____
   c. Paint and Striping Subcontractor _____
   d. Signage Subcontractor _____
   e. ADA Compliance Subcontractor _____

5. Based on contract award date of Friday, October 10, 2025, please note Contractor's "best guess" projected date for the following:
   a. Mobilization to site _____
   b. Functionality operational _____
   c. Final completion _____

6. Insurance Coverage:

Insurance Required	**Lewis County Transit Requirements Contractor Coverage**	**(Input Coverage Amount)**
a. General Liability		_____
i. Per Occurrence	$ 2,000,000	_____
ii. Per Aggregate	$ 2,000,000	_____
b. Excess/Umbrella Liability	(If above requirements are not met)	_____
c. Automobile Liability	$ 1,000,000	_____
e. Professional Liability	$ 1,000,000	_____
f. Worker's Compensation	$ 1,000,000	_____

7. In the event of changes in work necessitate a change in cost, the percentage applied for supervision, profit and overhead will be 29% for labor and 21% for equipment/materials. Note all changes will follow the Change Order Process.

8. We hereby submit the above Bid Proposal for the Mineral e-Transit Station as described in the Contract Documents.
9. Prevailing wage is required for all work performed on the Construction project. Prevailing Wage Requirements in Washington are as follows:
    - Chapter 39.12 RCW requires local government contractors and subcontractors to pay prevailing wages to all workers for all public works and maintenance contracts, regardless of the dollar value of the contract. This includes:
    - Public works (RCW 39.04.010)
    - Building service maintenance – defined as janitors, waxers, shampooers, and window washers (RCW 39.12.020 and WAC 296-127-023)
    - Construction, reconstruction, maintenance, or repair (RCW 39.12.030)
    - Turn-key leases, rentals, or purchases (RCW 39.04.260)
    - Off-site fabrication of non-standard items for a public works project (WAC 296-127-010(5)(b))

    • For more information on the prevailing wage requirements of this project please refer to the following website; https://mrsc.org/explore-topics/procurement/contract-administration/prevailing-wages
    - The prevailing wage rates in effect as of October 10, 2025, for laborers and landscape construction in Lewis County, shall be included as an attachment to this bid form.

Company Name: _____

By: _____ _____
(Printed Name) (Title)

_____ _____
(Signature) (Date)

SECTION 3B: SCOPE OF WORK & SPECIFICATIONS

GENERAL SCOPE OF WORK

1. The information provided in this bid packet is for installation of an electric vehicle charging station at the site of an existing convenience market and construction of sidewalk along a portion of the adjacent public right-of-way located at 104 East Front Street, Mineral, WA 98355.

2. All drawings provided by Lewis County Transit have been developed and designed by local A/E firms. Additional questions can be directed to Lewis County Transit as needed. It is the responsibility of the contractor to use these "As-Built" drawings to provide a best-case scenario for the overall layout of the building based on the scope of work described below.

3. The work associated with the electric vehicle charging station includes installing erosion control measures, minor demolition, clearing, grubbing, grading, placing and compacting fill, concrete paving, and sidewalk with associated aggregate base, gravel surfacing, bollards, pavement markings, and sign installation. Electrical work includes the installation of one (1) new Level 3 charging station (furnished by Lewis County Transit) and a new electrical service to the charging station. The contractor shall coordinate with Lewis County PUD to install the new service. Sundry electrical work includes furnishing and installing a concrete base for the charging station, trenching for electric conduits, and furnishing and installing electrical service panels on exterior mounting. Commissioning and startup of the charging station is incidental to the work. Access to the market must be maintained during the market's business hours. The contractor shall coordinate with the market's management during the execution of the work.

4. Sidewalk construction in the adjacent County right-of-way includes installing erosion control devices, minor demolition including sawcutting, removal and disposal of existing sidewalk, curb, gutter, and asphalt pavement, clearing, grubbing, grading, and placing and compacting fill. Approximately 100 square feet of new cast-in-place concrete sidewalk are to be constructed with an ADA-compliant curb ramp with detectable warning surface. The adjacent curb and gutter are to be replaced with new cast-in-place curb and gutter. Pavement patching and other miscellaneous restoration of the roadway surface and surroundings are incidental to the work. Traffic control per an approved traffic control plan shall be included for work within the County's right-of-way. Coordination with Lewis County is incidental to the work.

5. The contractor shall include surveying, material testing, compaction testing, concrete testing, product submittals, and coordination of all required inspections and fees, including electrical inspections, in their proposal.

6. The Contractor will be responsible for, but will coordinate with the Owner on:
    a. Arranging a site visit and be aware of the current property elevations.
    b. The final bid price. This shall include the complete cost of construction, including all other miscellaneous items. NO ESTIMATES ARE ALLOWED.
    c. All sales and use tax.
    d. Submitting an intent to pay Prevailing Wage application.
    e. Serving as Lewis County Transit's Owner's Representative as the Construction Project Manager.
    f. Ensuring all permits are acquired and all inspections are completed.
    g. The procurement of subcontractors involved in construction of the building as requested

including, but not limited to, concrete, framing, interior, plumbing, electrical, HVAC, paint, etc.

h. Managing and documenting all project meetings.
i. Mobilizing labor, equipment, materials, and subcontractors to perform work.
j. Following all IBC 2009 or newer building codes.
k. Construction quality control monitoring, testing, and inspection.
l. Managing the tasks to meet project timelines and deliverables.
m. Documenting and coordinating any Construction Team request for information (RFI), and the response from the Design Team.
n. Documenting and coordinating any Construction Team request for changes to the project, response from the Design Team, and all approved / denied requests for changes.
o. Documenting management and control, including all construction and construction administration documents, correspondence, change-order requests, and as-builts.
p. All freight on building components.
q. Following all material and component manufactures' installation requirements.
r. All final grading up to the exterior concrete.
s. Final updates and/or changes to design and construction.
t. Providing final record drawings, any & all shop drawings and "as-built" survey during final closeout/walkthrough of the project.
u. Documenting and coordinating Construction Team payment requests.
v. Performing project punch-list and close-out services.

7. The Owner will be responsible for, but coordinate with the building contractor on:
    a. Providing all necessary project requirements in writing.
    b. Supplying engineered drawings for Contractor and/or sub-contractors.
    c. Meet regularly to receive contractor progress reports, project modifications and/or change orders.
    d. Provide all striping and signage upon completion of the task.

SECTION 5: CONTRACTOR SAFETY RULES

The following rules outline the safety guidelines, policies & procedures that are to be followed by every contract employee present on Lewis Public Transportation Benefit Area a.k.a. Lewis County Transit property. Failure to follow these rules may result in cancellation of the contract.

1. Contractor personnel must follow all plant safety regulations and procedures, including emergency evacuations. Review these procedures with facility management before beginning work. Compliance with all regulatory standards is required.
2. Contractor must coordinate construction schedules with facility management.
3. Any change in construction method and/or schedule requires prior approval of facility management.
4. Contractor must follow facility check in/sign in procedures.
5. Absolutely NO SMOKING is permitted in or around this facility except in designated areas.
6. Contractor personnel are not permitted in any part of the facility beyond their designated work areas without proper authorization.
7. Personal Protective Equipment (PPE) must be provided to all contracted employees pursuant to 1910.132
8. All work areas and "attractive nuisances" must be barricaded and
    a. "Attractive nuisances" are defined as, but not limited to, open pit holes, trenches and/or excavations, access to ladders or stairways, keys left in vehicles, compressed gas bottle storage.
    b. Barricades must be substantial enough to adequately prevent all reasonably foreseeable unauthorized entry attempts.
    c. Areas must be visibly marked as "Authorized Access Only."
    d. Review the barricade method with facility management and safety representative.
    e. All excavation cuts greater than 4 vertical feet must be barricaded or sloped.
    f. Elevated work areas, areas around pits, holes, trenches, etc. must be barricaded using the following method:
        i. Blaze orange mesh fence or equivalent.
        ii. Upright posts every six feet, with fencing securely attached.
        iii. Fencing attached to posts in manner that prevents lifting of fence.
        iv. Fence placed three feet from edge of drop, unless physically not possible.
        v. Each vertical post must be signed with "DANGER-FALL HAZARD-STAYBACK."
9. Contractor personnel must not use man-lifts without special training and authorization by facility management.
10. Contractor is required to follow the rules and regulations on crane safety as found in the Federal Register Part II, Department of Labor, Occupational Safety and Health Administration, 29 CFR Part 1926, Cranes and Derricks in Construction; Final Rule.
    d. Visit website for further details: https://www.osha.gov/sites/default/files/cranesreg.pdf
11. Contractor is required to follow rules and regulations on roofing work on low-slope roofs as found in 29 CFR Part 1926, Roofing Work on Low-slope Roofs and 29 CFR Part 1926, Steep Roofs.
12. Welding, cutting, or other hot work is not permitted in this facility except under special circumstances.
    a. Contractor must review the facility's written hot work program and obtain a Hot Work Permit signed by the facility management.
    b. Facility management and Contractor must inspect the area where hot work will take place and make sure housekeeping is suitable.

   c. A minimum two-hour fire watch must be posted after the hot work is completed. (Circumstances may vary and the fire watch could be longer.)

13. All electrical equipment and tools used inside the facility must be appropriate for the location. Only intrinsically safe equipment is allowed in every Class 2 location, unless the area is offline, and no dust is present.
14. Contractor must have approval to store and/or use hazardous materials, including solvents and other flammable materials. A Hazard Communication/Employee Right-to-Know program, Material Safety Data Sheets and an inventory of any hazardous materials must be provided to the facility management.
15. Contractor and location Safety Representative will review the locations of all permit-required confined spaces. If Contractor performs work in any permit-required confined space, he/she must provide a copy of their written permit-required confined space program and employee training records. All entry into permit-required spaces will be performed only after a permit is issued. (Exception: New construction grain bins that do not have any equipment active that will introduce grain or power augers or other built-in equipment inside of the bin.)
16. Reducing liability exposures on unattended sites is critical for a safe working site and for the best interest of all Contractors. At the end of each day and during extended periods of absence, Contractor is responsible to make sure the construction site is left in a safe, clean condition and unexposed to any “attractive nuisances”.
    a. Debris must be cleaned up and removed on a daily basis.
    b. All tools, equipment, vehicles, ladders, and other equipment shall be stored in a safe manner and location.
17. All equipment guarding and covers must be replaced immediately upon completion of work. The lockout/tagout method must be enforced while guards are removed. Contractor must have a written lockout/tagout program and employee training records.

* Contractor must attend a detailed review of the complete safety guidelines, policies & procedures presented by the safety specialist via webinar or pre-construction meeting prior to the beginning of construction.

**For any questions or requests pertaining to this section, please contact:

Joe Clark
Executive Director
Lewis County Transit
212 E. Locust Centralia WA 98532
Business: (360) 330-2072
Mobile: (360) 880-7177 Email:
joe@lewiscountytransit.org

I have been informed of the above safety information and it has been discussed with me. I understand that failure to follow any of the above rules may result in cancellation of the contract and immediate removal from the property.

Contractor Company Name: _____

By: _____ _____
(Printed Name) (Title)

_____ _____
(Signature) (Date)

Owners Representative: Lewis County Transit

By: _____ _____
(Printed Name) (Title)

_____ _____
(Signature) (Date)

B25-00451

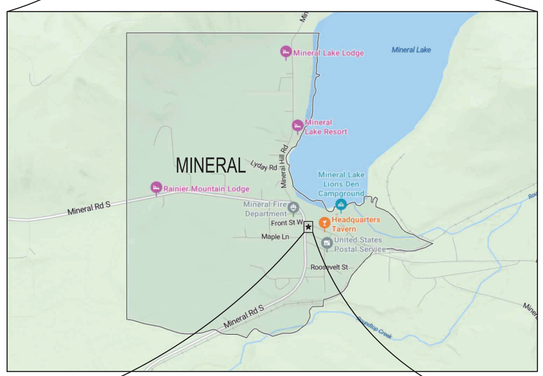
Call for
Inspection Line # 740-1133 or
Permit Center # 740-1146

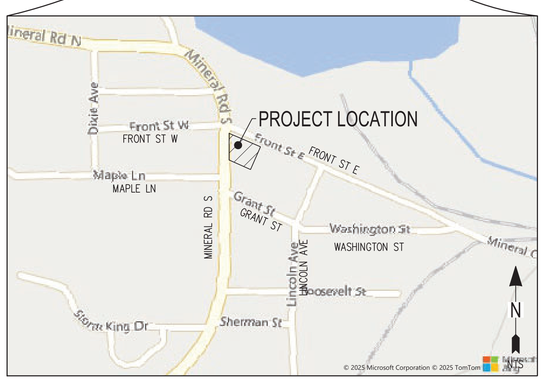
Lewis County
Community Development Dept
125 NW Chehalis Ave
Chehalis, WA 98532

APPROVED
By Michael Johnston at 11:14 am, Jul 21, 2025

michael johnston

MINERAL E-TRANSIT STATION
CIVIL CONSTRUCTION DOCUMENTS
MINERAL, WASHINGTON





APPLICANT
LEWIS COUNTY TRANSIT
212 E LOCUST STREET
CENTRALIA, WA 98531
PHONE: 360.330.2072
CONTACT: JOE CLARK

ENGINEER
JSA CIVIL, LLC
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98512
PHONE: 360.515.9600
CONTACT: CHARLIE SEVERS

SURVEYOR
MTN2COAST, LLC
2320 MOTTMAN RD SW, SUITE 106
TUMWATER, WA 98512
PHONE: 360.688.1949
CONTACT: PAUL BOUGHAL

GOVERNING AGENCY
LEWIS COUNTY
PHONE: 360.784.9121

UTILITIES
POWER
LEWIS COUNTY PUD
240 7TH STREET
MORTON, WA
PHONE: 360.496.6100

SITE INFORMATION
ADDRESS: 104 EAST FRONT STREET
MINERAL, WASHINGTON 98355
PARCEL: 011103001000, 011101000000, AND 011100000000
ACRES: ±0.37
ZONING: SMALL TOWNS – MIXED USED/COMMERCIAL (STMU)

LEGAL DESCRIPTION
LOTS 12, 13, 14, 15, AND 16, BLOCK 4, MINERAL TOWNSITE, AS RECORDED IN VOLUME 1 OF PLATS, PAGE 56, RECORDS OF LEWIS COUNTY, WASHINGTON.

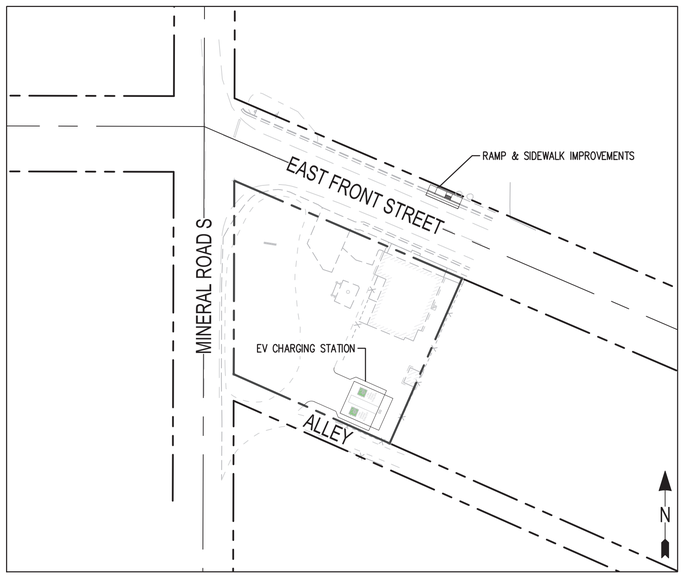
HORIZONTAL DATUM
WASHINGTON STATE PLANE COORDINATES, SOUTH ZONE, NAD 83/2011 BASED ON GPS RTK TIES TO WASHINGTON STATE DEPARTMENT OF TRANSPORTATION MONUMENT "MINERAL".

BEARING OF NORTH 23°12'07" EAST ON THE CENTERLINE OF LINCOLN AVE.

VERTICAL DATUM
NAVD88 BASED ON GPS RTK TIES TO WASHINGTON STATE DEPARTMENT OF TRANSPORTATION MONUMENT "MINERAL"; ELEVATION OF 1,418.534 FEET

Any Code Requirements That May Have Been Overlooked In This Plan Review Does Not Imply That The Requirement Has Been Waived.

I.C.B.O.



OVERALL SITE
NTS

SHEET INDEX	
SHEET	TITLE
CV-01	COVER SHEET
GN-01	GENERAL NOTES & ABBREVIATIONS
SV-01	SURVEY
SV-02	SURVEY
CIVIL	
EC-01	EROSION CONTROL & DEMOLITION PLAN
SP-01	OVERALL SITE PLAN
SP-02	SITE PLAN
CG-01	GRADING PLAN
DT-01	DETAILS
DT-02	DETAILS
ELECTRICAL	
E-01	ABBREVIATIONS, LEGEND & GENERAL NOTES
E-02	ELECTRICAL DETAILS
ED-01	ELECTRICAL DISTRIBUTION
EP-01	ELECTRICAL PLAN

MOBILIZATION NOTE
THE CONTRACTOR SHALL COMPLETE MOBILIZATION IN ACCORDANCE WITH SECTION 1-09.7 OF THE STANDARD SPECIFICATIONS, EXCEPT AS NOTED OTHERWISE ON THESE PLANS. MOBILIZATION INCLUDES THE REQUIREMENTS TO COMPLY WITH SECTION 8-01.3(1)B OF THE STANDARD SPECIFICATIONS FOR THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL (ESC) LEAD PERSON TO OBSERVE CONSTRUCTION ACTIVITIES. MOBILIZATION INCLUDES THE REQUIREMENTS FOR THE CONTRACTOR TO OBTAIN INSURANCE, LICENSING, AND BONDING WHICH MEETS THE REQUIREMENTS OF LEWIS COUNTY (COUNTY). THE CONTRACTOR SHALL COORDINATE AND OBTAIN ALL PERMITS TO WORK WITHIN CITY AND COUNTY RIGHT-OF-WAY, COMPLETE ALL APPLICATIONS TO WORK IN CITY AND COUNTY RIGHT-OF-WAY, AND PAY ALL PERMIT-RELATED FEES REQUIRED BY THE COUNTY PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. ONCE THE CONTRACTOR OBTAINS ALL PROJECT PERMITS, THEY ARE RESPONSIBLE FOR CONTACTING AND ATTENDING A PRE-CONSTRUCTION MEETING WITH COUNTY PERSONNEL. MOBILIZATION INCLUDES THE REQUIREMENTS FOR THE CONTRACTOR TO PREPARE AND SUBMIT A SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN (SPCC) TO CITY AND THE COUNTY. MOBILIZATION INCLUDES THE REQUIREMENT FOR THE CONTRACTOR TO PREPARE AND SUBMIT A TEMPORARY TRAFFIC CONTROL PLAN TO THE COUNTY THAT MEETS THEIR REQUIREMENTS.

MATERIAL SUBMITTALS
MATERIAL SUBMITTALS AND SHOP DRAWINGS SHALL BE REQUIRED FOR ALL MATERIALS REQUIRED TO CONSTRUCT THIS PROJECT. CONTRACTOR SHALL COORDINATE AND REVIEW ALL MATERIALS SUBMITTALS FOR ACCURACY, COMPLETENESS, AND COMPLIANCE WITH THE CONTRACT DOCUMENTS PRIOR TO SUBMITTING TO THE ENGINEER OF RECORD FOR REVIEW. MATERIAL SUBMITTALS SHALL BE PROVIDED FOR REVIEW TO THE ENGINEER OF RECORD AND COUNTY STAFF PRIOR TO ORDERING OF THE MATERIALS.

SURVEY NOTE
CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL CONSTRUCTION STAKING AND SURVEYING, INCLUDING BUT NOT LIMITED TO: HORIZONTAL AND VERTICAL ALIGNMENTS, CURBING, DRAINAGE, PAVEMENT GRADES, SIDEWALK GRADES, AND UTILITY GRADES. IMPROVEMENTS SHALL BE STAKED BY AN ENGINEERING OR SURVEYING FIRM LICENSED IN THE STATE OF WASHINGTON AND CAPABLE OF PERFORMING SUCH WORK. AFTER IMPROVEMENTS HAVE BEEN STAKED, THE CONTRACTOR SHALL INSPECT PAVEMENT CROSS-SLOPES AND VERIFY THAT EXISTING AND PROPOSED CONDITIONS DO NOT RESULT IN POOR DRAINAGE CONDITIONS. (I.E., PONDING). THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY DRAINAGE OR CROSS-SLOPE ISSUES PRIOR TO INSTALLATION OF THE PROPOSED IMPROVEMENTS.

DEWATERING NOTE
THE CONTRACTOR SHALL UTILIZE APPROPRIATE DEWATERING SYSTEMS AND TECHNIQUES TO MAINTAIN THE EXCAVATED AREA SUFFICIENTLY DRY FROM GROUNDWATER AND/OR SURFACE RUNOFF SO AS NOT TO ADVERSELY AFFECT CONSTRUCTION PROCEDURES OR CAUSE EXCESSIVE DISTURBANCE OF UNDERLYING NATURAL GROUND. THE CONTRACTOR SHALL REPAIR ANY DAMAGE RESULTING FROM THE FAILURE OF THE DEWATERING OPERATIONS OR FROM A FAILURE TO MAINTAIN ALL THE AREAS OF WORK IN A SUITABLE DRY CONDITION. UNLESS OTHERWISE SPECIFIED, CONTINUE DEWATERING UNINTERRUPTED UNTIL THE STRUCTURES, PIPES, AND APPURTENANCES TO BE BUILT HAVE BEEN PROPERLY INSTALLED, BACKFILLED, AND COMPACTED. WHERE SUBGRADE MATERIALS ARE UNABLE TO MEET THE SUBGRADE DENSITY REQUIREMENTS DUE TO IMPROPER DEWATERING TECHNIQUES, REMOVE AND REPLACE THE MATERIALS AS DIRECTED BY THE ENGINEER. SEE THE PROJECT'S GEOTECHNICAL REPORT FOR GROUNDWATER CONDITIONS. DEWATERING COSTS SHALL BE INCLUDED IN THE CONTRACTOR'S BID WITH NO ADDITIONAL COMPENSATION THEREFORE.

TRAFFIC CONTROL NOTE
THE CONTRACTOR SHALL PROVIDE ALL FLAGGERS, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES AS NECESSARY TO COMPLETE THE WORK. THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL CONSTRUCTION SIGNS, WARNING SIGNS, DETOUR SIGNS, AND OTHER TRAFFIC CONTROL DEVICES NECESSARY TO WARN AND PROTECT THE PUBLIC AT ALL TIMES FROM INJURY OR DAMAGE AS A RESULT OF THE CONTRACTOR'S OPERATIONS THAT MAY OCCUR IN HIGHWAYS, ROADS, OR STREETS. NO WORK SHALL BE DONE ON OR ADJACENT TO THE ROADWAY UNTIL ALL NECESSARY SIGNS AND TRAFFIC CONTROL DEVICES ARE IN-PLACE. THE CONTRACTOR SHALL NOT CLOSE DOWN THROUGH TRAFFIC ON CITY/COUNTY/STATE ROADS. ACCESS FOR BOTH VEHICULAR AND PEDESTRIAN TRAFFIC SHALL BE MAINTAINED AT ALL TIMES, EXCEPT WHERE THE CONTRACTOR OBTAINS PERMISSION TO TEMPORARILY CLOSE A SIDEWALK. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO LEWIS COUNTY FOR REVIEW AND APPROVAL PRIOR TO STARTING ANY WORK IN THE RIGHT-OF-WAY.

COMPACTION AND MATERIALS TESTING NOTE
A QUALIFIED SOILS ENGINEER SHALL BE EMPLOYED AND COMPENSATED BY THE CONTRACTOR TO PERFORM ALL REQUIRED TESTS OF FILL AND OF SOIL COMPACTION, TRENCH BACKFILL COMPACTION, CRUSHED SURFACING BASE COURSE COMPACTION, CRUSHED SURFACING TOP COURSE COMPACTION, AND HOT MIX ASPHALT COMPACTION. THE SOILS ENGINEER SHALL BE A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF WASHINGTON. THE CONTRACTOR SHALL ALSO EMPLOY AND COMPENSATE A MATERIALS TESTING FIRM CAPABLE OF PROVIDING CONCRETE SLUMP TESTS, COMPRESSIVE STRENGTH TESTS, AND DRYING SHRINKAGE TESTS FOR THE THE PROPOSED CEMENT CONCRETE. ALL COMPACTION AND MATERIALS TESTING SHALL BE COMPLETED IN ACCORDANCE WITH THE WSDOT STANDARD SPECIFICATIONS AND THESE PLANS.

CALL BEFORE YOU DIG
THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

VERTICAL DATUM
NAVD 88

All electrical needs to be permitted and inspected by L & I

APPROVED BY LEWIS COUNTY

COUNTY ENGINEER _____ DATE _____
APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE

REVISIONS

PROJECT NO.
114.011
DRAWN
C.DAHM
CHECKED
D.PHILLIPS
SUBMITTAL DATES
OTB DATE
–

JSA CIVIL
Engineering | Planning | Management
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98501

STAMP
CHARLIE M. SEVERS
STATE OF WASHINGTON
52179
REGISTERED
PROFESSIONAL ENGINEER
05/27/2025

E-TRANSIT STATION
104 EAST FRONT STREET
MINERAL, WA

LEWIS COUNTY TRANSIT

SHEET TITLE
COVER SHEET

SHEET
CV-01

May 27, 2025 3:15:55pm – User: CharlieSevers
N:\2 - PROJECTS\114 TWN TRANSIT\114.011 MINERAL, WA E-TRANSIT STATION\ACAD\114.011 CV-01.DWG

JSA CIVIL GENERAL CONSTRUCTION NOTES

1. ALL WORK, WORKMANSHIP AND MATERIALS FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE FOLLOWING MANUAL(S) AND DOCUMENT(S):

   THE 2024 EDITION OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION
   HTTPS://WSDOT.WA.GOV/ENGINEERING-STANDARDS/ALL-MANUALS-AND-STANDARDS/MANUALS/STANDARD-SPECIFICATIONS-ROAD-BRIDGE-AND-MUNICIPAL-CONSTRUCTION

   THE WSDOT STANDARD PLANS
   HTTPS://WSDOT.WA.GOV/ENGINEERING-STANDARDS/ALL-MANUALS-AND-STANDARDS/STANDARD-PLANS

   LEWIS COUNTY MUNICIPAL CODE
   HTTPS://WWW.CODEPUBLISHING.COM/WA/LEWISCOUNTY/

2. ALL GOVERNMENTAL SAFETY REGULATIONS SHALL BE STRICTLY ADHERED TO INCLUDING OSHA.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DULY NOTIFY LEWIS COUNTY IN ADVANCE OF THE COMMENCEMENT OF ANY AUTHORIZED WORK AND TO SCHEDULE REQUIRED INSPECTIONS. ANY REQUIRED INSPECTION TEST WILL BE PERFORMED AT THE CONTRACTOR'S EXPENSE.

4. THE APPROVAL OF THESE PLANS BY LEWIS COUNTY DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO COMPLY WITH THE REQUIREMENTS OF OTHER GOVERNING AGENCIES.

   CAUTION – NOTICE TO CONTRACTOR

5. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON THE PROJECT SURVEY AND OTHER RECORDS OF UTILITIES. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL CALL FOR UTILITY LOCATES 48 HOURS PRIOR TO PLANNED EXCAVATIONS.

6. THE DESIGN SHOWN IS BASED UPON THE ENGINEER'S UNDERSTANDING OF THE EXISTING CONDITIONS. THE EXISTING CONDITIONS SHOWN ON THIS PLAN SET ARE BASED UPON COMPILED SURVEY DATA. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FIELD CONDITIONS PRIOR TO BIDDING THE PROPOSED WORK IMPROVEMENTS. IF CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE.

7. EXISTING UTILITIES ARE SHOWN FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY EXACT LOCATION, DIAMETER, LENGTH, CONDITION, PIPE TYPE, SLOPE AND VERTICAL AND HORIZONTAL ALIGNMENT OF THE EXISTING ALIGNMENT OF THE PROPOSED POINTS OF CONNECTION PRIOR TO CONNECTION AND REPORT ANY DISCREPANCIES TO ENGINEER PRIOR TO INSTALLATION OF THE PROPOSED UTILITIES.

8. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY LOCAL, STATE, AND FEDERAL APPROVALS AND PERMITS.

9. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A COPY OF THE APPROVED PLANS, SPECIFICATIONS, CONSTRUCTION SWPPP, AND CONTRACT DOCUMENTS AT THE CONSTRUCTION SITE AT ALL TIMES.

10. CONSTRUCTION SIGNING AND TRAFFIC CONTROL SHALL BE PER THE CURRENT COPY OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE CONTRACTOR SHALL PREPARE AND SUBMIT A TRAFFIC CONTROL PLAN TO LEWIS COUNTY AND OBTAIN APPROVAL PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.

11. ALL VEHICLES AND EQUIPMENT SHALL BE KEPT WITHIN THE WORK AREAS ESTABLISHED FOR THAT WORK SHIFT UNLESS TRAVELING TO OR FROM THE SITE. UNDER NO CIRCUMSTANCES SHALL VEHICLES BE PARKED OR EQUIPMENT BE STORED OUTSIDE OF THESE AREAS.

12. OTHER CONSTRUCTION PROJECTS MAY OCCUR NEAR THE PROJECT SITE AND MAY BE IN PROGRESS CONCURRENT WITH THE PROJECT. THE CONTRACTOR SHALL COOPERATE AS NECESSARY AND NOT INTERFERE OR HINDER THE PROGRESS OR COMPLETION OF WORK BEING PERFORMED BY OTHER CONTRACTORS.

13. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK SHOWN ON THESE DRAWINGS AND TO OBTAIN ACCEPTANCE BY LEWIS COUNTY AND THE PROJECT OWNER.

14. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL "PRE CONSTRUCTION" STATE OR BETTER.

15. DRIVEWAY ACCESS AND UTILITY SERVICE TO EXISTING HOMES AND BUSINESSES SHALL BE MAINTAINED AT ALL TIMES.

16. THE CONTRACTOR SHALL ASSUME THAT A PORTION OF THE SOILS WILL NOT PROVIDE SUFFICIENT STABILITY TO STAND UP IN VERTICAL TRENCH WALLS. THIS WILL RESULT IN WIDER TRENCHES, GREATER EARTHWORK VOLUMES, AND MORE SURFACE DISTURBANCE. THE CONTRACTOR SHALL ASSUME THAT A PORTION OF NATIVE SOILS WILL INCLUDE BOULDERS/COBBLES WHICH ARE GREATER THAN 24 INCHES IN DIAMETER WHICH WILL SLOW DOWN THE CONTRACTOR'S PROGRESS. THIS WILL RESULT IN WIDER TRENCHES, GREATER EARTHWORK VOLUMES, MORE SURFACE DISTURBANCE, AND MORE SURFACE RESTORATION THAN WHAT MAY BE SHOWN ON THE DRAWINGS.

17. THE REMOVAL, LOADING, AND HAULING OF EXCESS MATERIALS AS A RESULT OF DEMOLITION, TRENCHING, AND EXCAVATION ACTIVITIES SHALL BE DISPOSED OF AT A CONTRACTOR-PROVIDED WASTE SITE AT NO ADDITIONAL COST TO THE OWNER.

18. THE EXISTING CONDITIONS SHOWN ON THESE DRAWINGS ARE BASED ON A BOUNDARY AND TOPOGRAPHIC SURVEY FROM MTN2COAST, LLC, DATED MARCH 21, 2025. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING AND ALERT THE ENGINEER IMMEDIATELY IF DISCREPANCIES ARE FOUND

19. THE CONTRACTOR SHALL PROVIDE PRODUCT SUBMITTALS AND SHOP DRAWINGS TO THE JURISDICTION HAVING AUTHORITY FOR REVIEW AND APPROVAL FOR UTILITIES THAT WILL BE PUBLICLY OWNED AND MAINTAINED PRIOR TO ORDERING MATERIALS

NOTICE:

IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER AND/OR THEIR CONTRACTOR TO ENSURE THIS STRUCTURE MEETS THE MINIMUM SETBACKS (AS SET BY LEWIS COUNTY CODE) FROM ALL RIGHT OF WAYS, EASEMENTS AND PROPERTY LINES. FAILURE TO DO SO WILL INVALIDATE THIS PERMIT AND MAY RESULT IN THE REQUIREMENT TO REMOVE THIS STRUCTURE.

All electrical needs to be permitted and inspected by L & I

ABBREVIATIONS

&	AND
∠	ANGLE
±	APPROXIMATELY
@	AT
℄	CENTERLINE
°	DEGREE
=	EQUALS
'	FOOT
>	GREATER THAN
"	INCH
#	NUMBER
%	PERCENT
AC	ASPHALTIC CONCRETE
ADD'L	ADDITIONAL
ADJT	ADJACENT
AFF	ABOVE FINISH FLOOR
AP	ANGLE POINT
APPROX	APPROXIMATE
ARCH	ARCHITECT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ATB	ASPHALT TREATED BASE COURSE
AVE	AVENUE
BCR	BEGIN CURB RETURN
BFV	BUTTERFLY VALVE
BGS	BELOW GROUND SURFACE
BLK	BLOCK(S)
BLDG	BUILDING
BM	BENCHMARK
BVC	BEGIN VERTICAL CURB
C	CONDUIT
CB	CATCH BASIN
CF	CUBIC FEET
CIRC	CIRCUIT, CIRCULA(R, TION)
CIP	CAST-IN-PLACE
CIP MON	CAST-IN-PLACE MONUMENT
CJ	CENTER JOINT
℄	CENTER LINE
CL	CROWNLINE
CLR	CLEAR
CO	CLEANOUT
COMM	COMMUNICATION
COMPT	COMPACTED
CONC	CONCRETE
CONST	CONSTRUCT
CONT	CONTINU(E, ED, OUS, ATION)
COORD	COORDINATE
CSBC	CRUSHED SURFACING BASE COURSE
CSTC	CRUSHED SURFACING TOP COURSE
CULV	CULVERT
CU YD	CUBIC YARD
D/W	DRIVEWAY
DEF	DEFLECTION
DEG	DEGREE
DEMO	DEMOLISH/DEMOLITION
DIA	DIAMETER
DIM	DIMENSION(S)
D.I.	DUCTILE IRON PIPE
DR	DRIVE
DWG(S)	DRAWING(S)
E	EAST OR ELECTRICAL
EA	EACH
ECR	END CURB RETURN
EHH	ELECTRICAL HANDHOLE
EL, ELEV	ELEVATION
ELEC	ELECTRIC(AL)
ENGR	ENGINEER
EOP	EDGE OF PAVEMENT
EQ	EQUAL(LY)
EQUIP	EQUIPMENT
ESMT	EASEMENT
EVC	END VERTICAL CURVE
EX, EXIST	EXISTING EXP EXPANSION
EXP	EXPANSION
FDC	FIRE DEPARTMENT CONNECTION
FF	FINISH FLOOR
FG	FINISH GRADE ELEVATION
FH	FIRE HYDRANT
FIN	FINISH(ED)
FL	FIRE LINE/FLANGE
FT	FOOT/FEET
G	GAS
GALV	GALVANIZED
GV	GATE VALVE
HMA	HOT MIX ASPHALT
HORIZ	HORIZONTAL
HT	HEIGHT
IE	INVERT ELEVATION
IN	INCH
JB, J-BOX	JUNCTION BOX
JT	JOINT TRENCH
L	LENGTH
LB(S)	POUND(S)
LF	LINEAR FEET
LP	LOW POINT ELEVATION
LT	LEFT
MAX	MAXIMUM
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM, MINUTE
MISC	MISCELLANEOUS
MON	MONUMENT IN CASE
N	NORTH, NORTHING
N/A	NOT APPLICABLE
NE	NORTHEAST
NIC	NOT IN CONTRACT
NO, NO	NUMBER
NTS	NOT TO SCALE
NW	NORTHWEST
OC	ON CENTER
OCEW	ON CENTER EACH WAY
OD	OUTSIDE DIAMETER
OSHA	OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION
P	POWER, POWER VAULT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVE OR PORTLAND CEMENT CONCRETE
PED	PEDESTAL
PI	POINT OF INTERSECTION
P.L.	PROPERTY LINE
POC	POINT OF CONNECTION
PP	POWER POLE
PRC	POINT OF REVERSE CURVATURE
PROP	PROPERTY
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENT
PVMT	PAVEMENT
PWR	POWER
QTY	QUANTITY
R	RADIUS
RD	ROAD, ROADWAY
REF	REFERENCE
REINF	REINFORC(E, ED, ING, MENT)
REQ'D	REQUIRED
REV	REVISION
RIM	STRUCTURE RIM ELEVATION
RT	RIGHT TURN
R/W, ROW	RIGHT OF WAY
S	SOUTH OR SLOPE
SCHED	SCHEDULE
SD, SDMH MANHOLE	STORM DRAIN, STORM DRAIN
SE	SOUTHEAST
SECT	SECTION(S)
SHT	SHEET
SP	SPRINKLER
SQ	SQUARE
SQ FT	SQUARE FEET
SQ IN	SQUARE INCH
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
ST	STREET
STA	STATION
STD	STANDARD
STRUCT	STRUCTUR(E, AL)
SW	SOUTHWEST
SYS	SYSTEM
T	TELEPHONE OR TELEPHONE VAULT
TBD	TO BE DETERMINED
TBM	TEMPORARY BENCH MARK
TC	TOP OF CURB ELEVATION
TELE	TELEPHONE
TEMP	TEMPORARY
TP, T/P	TOP OF PIPE
TYP	TYPICAL
TW	TOP OF WALL ELEVATION
UDG	UNDERGROUND
VAP	VERTICAL ANGLE POINT
VC	VERTICAL CURVE
VERT	VERTICAL
VOL	VOLUME
W	WEST, WIDTH, WIDE OR WATER
W/	WITH
W/O	WITHOUT
WM	WATER MAIN OR WILLAMETTE MERIDIAN
WV	WATER VALVE
XFMR	TRANSFORMER

DRAFTING SYMBOLS

- (XX) .....CONSTRUCTION NOTE NUMBER
- (XX) .....CONSTRUCTION NOTE NUMBER
- [X] .....CONSTRUCTION NOTE NUMBER
- XX-A .....SECTION NUMBER
- XX-01 .....SHEET NUMBER SECTION IS LOCATED ON

APPROVED BY LEWIS COUNTY

COUNTY ENGINEER _____ DATE _____

APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE

REVISIONS

PROJECT NO. 114.011
DRAWN C.DAHM
CHECKED D.PHILLIPS
SUBMITTAL DATES
OTB DATE –

JSA CIVIL
Engineering | Planning | Management
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98501

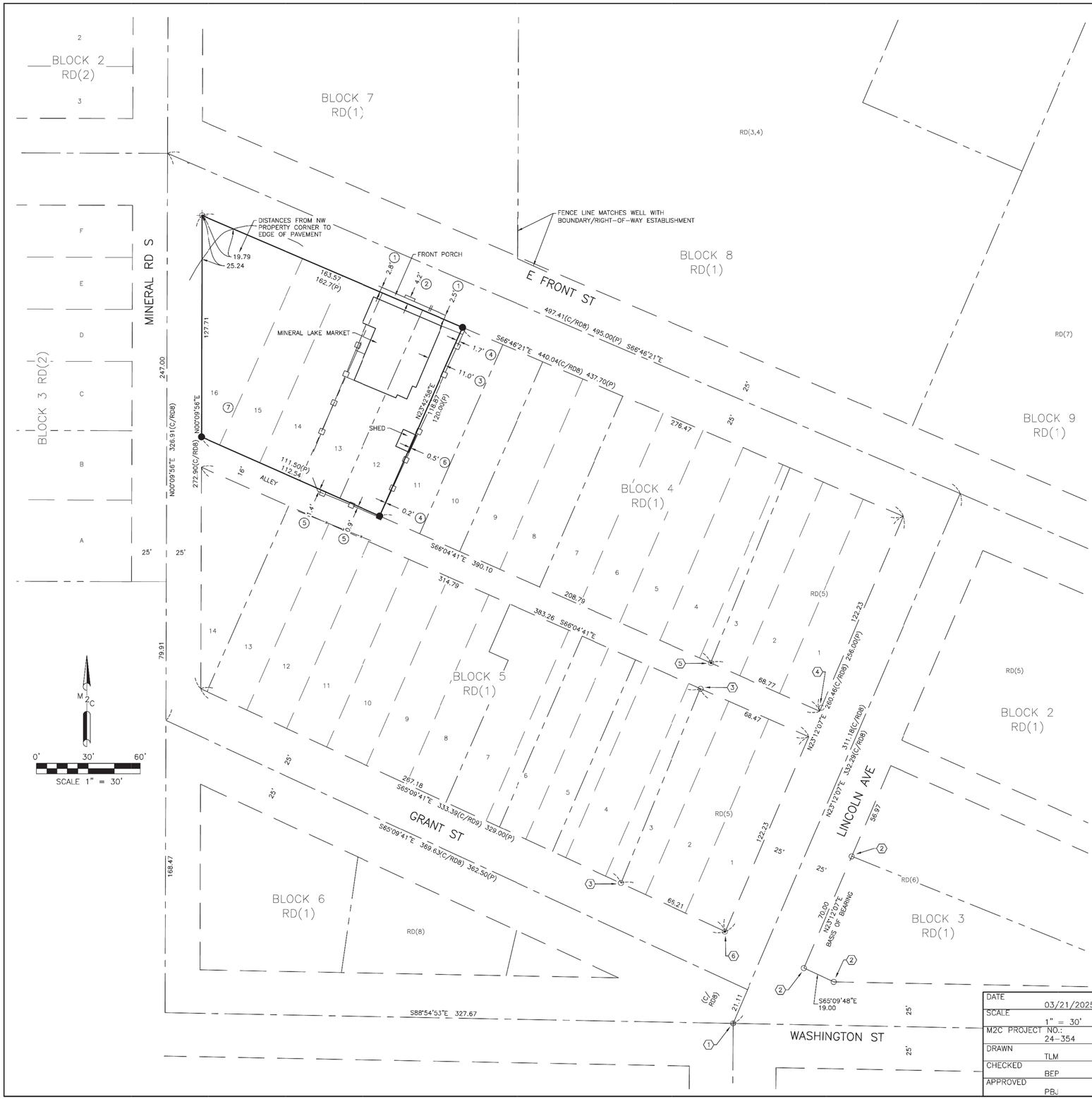
STAMP
CHARLIE M. SEVERS
STATE OF WASHINGTON
52179 REGISTERED PROFESSIONAL ENGINEER
05/27/2025

E-TRANSIT STATION
104 EAST FRONT STREET
MINERAL, WA

LEWIS COUNTY TRANSIT

SHEET TITLE
GENERAL NOTES & ABBREVIATIONS

SHEET
GN-01



M2C

0' 30' 60'

SCALE 1" = 30'

SURVEYOR'S NARRATIVE

MTN2COAST, LLC (M2C) WAS RETAINED BY LEWIS COUNTY TRANSIT TO COMPLETE A BOUNDARY SURVEY OF LEWIS COUNTY TAX PARCEL 011103001000. M2C HELD THE BOUNDARY AND RIGHT-OF-WAY ESTABLISHED PER RECORD OF SURVEY RECORDED IN BOOK 32 OF SURVEYS, PAGE 230 UNDER AFN 3508178 (RD8) AND PLACED IT ON THE FOUND CENTERLINE MONUMENT AT THE INTERSECTION OF LINCOLN AVENUE AND WASHINGTON STREET (SEE MONUMENT NOTE 1). THIS ESTABLISHMENT MATCHED WELL WITH RECORD OF SURVEY RECORDED IN BOOK 14 OF SURVEYS, PAGE 69 UNDER AFN 1128980 (RD5) AND RECORD OF SURVEY RECORDED IN BOOK 29 OF SURVEYS, PAGE 32 UNDER AUDITOR'S FILE NUMBER 3398028 (RD6). THE ESTABLISHMENT ALSO MATCHED WELL WITH FOUND MONUMENTS PER RD(6) AND RD(5), AND WITH EXISTING USE LINES MAPPED. M2C THEN PRORATED THE LOTS OF BLOCK 4 TO ESTABLISH THE PROPERTY LINES. M2C USED THE DIMENSIONS SHOWN ON THE PLAT TO ESTABLISH THE ALLEY IN BLOCK 4 AND NOT THE AS-BUILT CENTERLINE OF THE ALLEY AS OTHER SURVEYS HAVE DONE. THIS PLAT CONFIGURATION FITS WELL WITH THE FENCES AND POSSESSION LINES IN THE NW CORNER OF BLOCK 4.

(X) BOUNDARY NOTES

1. FRONT PORCH AND BUILDING OVERHANG EXTENDS INTO RIGHT-OF-WAY AS DIMENSIONED.
2. WOOD STEP FOR PORCH EXTENDS INTO RIGHT-OF-WAY AS DIMENSIONED.
3. BUILDING IS NORTHWESTERLY OF PROPERTY LINE AS DIMENSIONED.
4. FENCE IS SOUTHEASTERLY OF PROPERTY LINE AS DIMENSIONED.
5. FENCE IS SOUTHWESTERLY OF ALLEY RIGHT-OF-WAY LINE AS DIMENSIONED.
6. SOUTHEASTERLY FACE OF SHED FALLS SOUTHEAST OF PROPERTY LINE AS DIMENSIONED.
7. APPROXIMATE LOCATION OF SEPTIC EASEMENT PER AFN 332344.

LEGAL DESCRIPTION

LEGAL DESCRIPTION PER STATUTORY WARRANTY DEED RECORDED UNDER AUDITOR'S FILE NUMBER 3611378:

LOTS 12, 13, 14, 15, AND 16, BLOCK 4, MINERAL TOWNSITE, AS RECORDED IN VOLUME 1 OF PLATS, PAGE 56, RECORDS OF LEWIS COUNTY, WASHIN'GTON.

SITE DATA

TPN: 011103001000, 011101000000, AND 011100000000
ADDRESS: 104 EAST FRONT STREET
MINERAL, WASHINGTON 98355
AREA: 0.37 ACRES / 16,299 SQ. FT.

DATUM

HORIZONTAL – WASHINGTON STATE PLANE COORDINATES, SOUTH ZONE, NAD 83/2011 BASED ON GPS RTK TIES TO WASHINGTON STATE DEPARTMENT OF TRANSPORTATION MONUMENT "MINERAL".

BEARING OF NORTH 23°12'07" EAST ON THE CENTERLINE OF LINCOLN AVE.

VERTICAL – NAVD88 BASED ON GPS RTK TIES TO WASHINGTON STATE DEPARTMENT OF TRANSPORTATION MONUMENT "MINERAL"; ELEVATION OF 1,418.534 FEET.

ALL DISTANCES SHOWN ARE GROUND DISTANCES IN US SURVEY FOOT. CONVERTED USING THE COMBINED SCALE FACTOR OF 0.99985268 OF WSDOT MONUMENT "MINERAL" ABOUT BASE POINT 5 WITH A NORTHING OF 509314.018 AND EASTING OF 1219021.266.

RD(X) REFERENCED DOCUMENTS

1. MINERAL, LEWIS COUNTY, WASHINGTON PLAT RECORDED IN BOOK 1 OF PLATS, PAGE 56 UNDER AFN 2002074.
2. PLAT OF AHLSTRANDS ADDITION TO MINERAL, WASHINGTON RECORDED IN BOOK 1 OF PLATS, PAGE 137 UNDER AFN 2002141.
3. RECORD OF SURVEY RECORDED IN BOOK 2 OF SURVEYS, PAGE 98 UNDER AFN 2000376.
4. RECORD OF SURVEY RECORDED IN BOOK 3 OF SURVEYS, PAGE 7 UNDER AFN 2000585.
5. RECORD OF SURVEY RECORDED IN BOOK 14 OF SURVEYS, PAGE 69 UNDER AFN 1128980.
6. RECORD OF SURVEY RECORDED IN BOOK 29 OF SURVEYS, PAGE 32 UNDER AFN 3398028.
7. LEWIS COUNTY BOUNDARY LINE ADJUSTMENT NO. 16-0004 RECORDED IN BOOK 3, PAGE 140 OF BOUNDARY LINE ADJUSTMENTS UNDER AFN 3445811.
8. RECORD OF SURVEY RECORDED IN BOOK 32 OF SURVEYS, PAGE 230 UNDER AFN 3508178.

SURVEY NOTES

1. INSTRUMENT USED: SOKKIA IX 3" TOTAL STATION AND TOPCON HIPER VR GPS.
2. THIS SURVEY MEETS OR EXCEEDS THE STANDARDS OF WAC 332-130-090.
3. SURVEY COMPLETED 02/2025.
4. ALL MONUMENTS SHOWN AS FOUND VISITED 02/2025.
5. MTN2COAST (M2C) WAS RETAINED BY LEWIS COUNTY TRANSIT TO COMPLETE A BOUNDARY SURVEY OF LEWIS COUNTY TAX PARCEL 011103001000, 011101000000, AND 011100000000.

(X) MONUMENT NOTES

1. FOUND METAL SPIKE 0.2' BELOW SURFACE GRADE OF PAVEMENT AT THE CENTERLINE INTERSECTION OF LINCOLN AVENUE AND WASHINGTON STREET; HELD MONUMENT POSITION.
2. FOUND 5/8" REBAR WITH PLASTIC CAP MARKED "K. SCHINNEL PLS 35135" PER RD(6).
3. FOUND 1/2" REBAR WITH PLASTIC CAP MARKED "K. BLUHM LS 29269" PER RD(5); 0.3' BELOW SURFACE GRADE.
4. FOUND 1/2" REBAR WITH PLASTIC CAP MARKED "K. BLUHM LS 29269" PER RD(5); 2.28' N27°49'07"E FROM CALCULATED POSITION AND 0.3' BELOW SURFACE GRADE.
5. FOUND 1/2" REBAR PER RD(5); 0.22' S66°02'35"E FROM CALCULATED POSITION AND 0.2' BELOW SURFACE GRADE.
6. FOUND 1/2" REBAR PER RD(5); 0.27' S82°25'49"W FROM CALCULATED POSITION AND 0.1' BELOW SURFACE GRADE.

LINE TYPES

- WOOD FENCE
- WIRE FENCE
- PROPERTY LINE
- LOT LINE
- OLD PLAT LINE
- ROAD CENTERLINE

LEGEND

- FOUND REBAR AND CAP
- FOUND REBAR WITHOUT CAP
- FOUND SPIKE
- SET 5/8"X24" LONG REBAR AND YELLOW PLASTIC CAP MARKED "21013244 24030394"
- SET PK NAIL WITH METAL WASHER MARKED "24030394 21013244"
- (P) PLAT DISTANCE

DATE	03/21/2025
SCALE	1" = 30'
M2C PROJECT NO.:	24-354
DRAWN	TLM
CHECKED	BEP
APPROVED	PBJ

03/21/2025

PAUL E. BOUCHAL JR. STATE OF WASHINGTON 24030394 REGISTERED PROFESSIONAL LAND SURVEYOR

MTN2COAST LLC
PROFESSIONAL LAND SURVEYORS
2320 MOTTMAN RD SW, STE 106
TUMWATER, WA 98512
360.688.1949

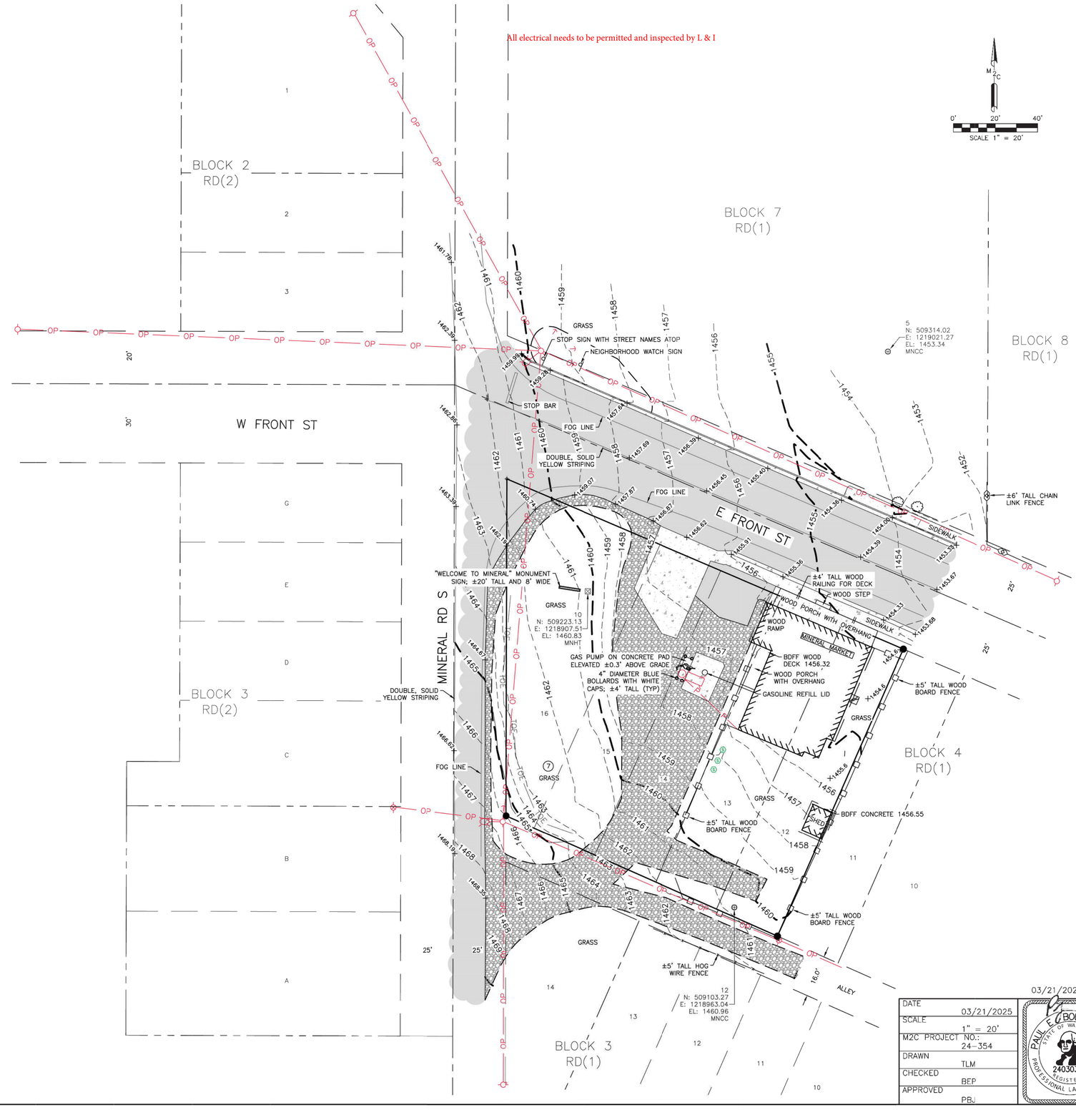
PROJECT NAME:
104 EAST FRONT STREET
MINERAL, WASHINGTON
BOUNDARY OVERVIEW

CLIENT NAME:
LEWIS COUNTY TRANSIT

SHEET NAME:
SV-1

SHEET NO.
1 OF 2

All electrical needs to be permitted and inspected by L & I



LEGEND

- FOUND BRASS CAP
- HUB AND TACK (M2C CONTROL)
- FOUND REBAR AND CAP
- FOUND SPIKE
- REBAR AND CONTROL CAP (M2C CONTROL)
- FOUND REBAR WITHOUT CAP
- SET 5/8"X24" LONG REBAR AND YELLOW PLASTIC CAP MARKED "21013244 24030394"
- SET PK NAIL WITH METAL WASHER MARKED "24030394 21013244"
- DECIDUOUS TREE
- BOLLARD
- HVAC UNIT
- GAS PUMP
- STREET SIGN (AS DESCRIBED)
- LUMINAIRE WITH SHORT ARM
- GUY ANCHOR
- POWER POLE
- PP WITH DROP LINE
- PP WITH LIGHT
- PP WITH TRANSFORMER
- SEPTIC TANK

M2C

0' 20' 40'

SCALE 1" = 20'

LINE TYPES

- WOOD FENCE
- WIRE FENCE
- PROPERTY LINE
- LOT LINE
- OLD PLAT LINE
- ROAD CENTERLINE
- WOOD FENCE
- CHAIN LINK FENCE
- HOG WIRE FENCE
- TOE TOE GROUND TOE
- TOP TOP GROUND TOP
- P P P BURIED POWER
- OP OP OVERHEAD POWER
- MAJOR CONTOUR
- MINOR CONTOUR

HATCHING

- GRAVEL
- ASPHALT
- CONCRETE

UTILITY NOTE

UTILITIES SHOWN HEREON ARE FROM FIELD MAPPING VISIBLE SURFACE APPURTENANCES, AND MAPPING UTILITY PAINT MARKS FROM A UTILITY LOCATING SERVICE. BURIED UTILITIES ARE ONLY SHOWN AS APPROXIMATE AND SHOULD BE VERIFIED BEFORE CONSTRUCTION.

DATE	03/21/2025
SCALE	1" = 20'
M2C PROJECT NO.:	24-354
DRAWN	TLM
CHECKED	BEP
APPROVED	PBJ

03/21/2025

PAUL E. BOUGHNER JR
STATE OF WASHINGTON
24030394
REGISTERED
PROFESSIONAL LAND SURVEYOR

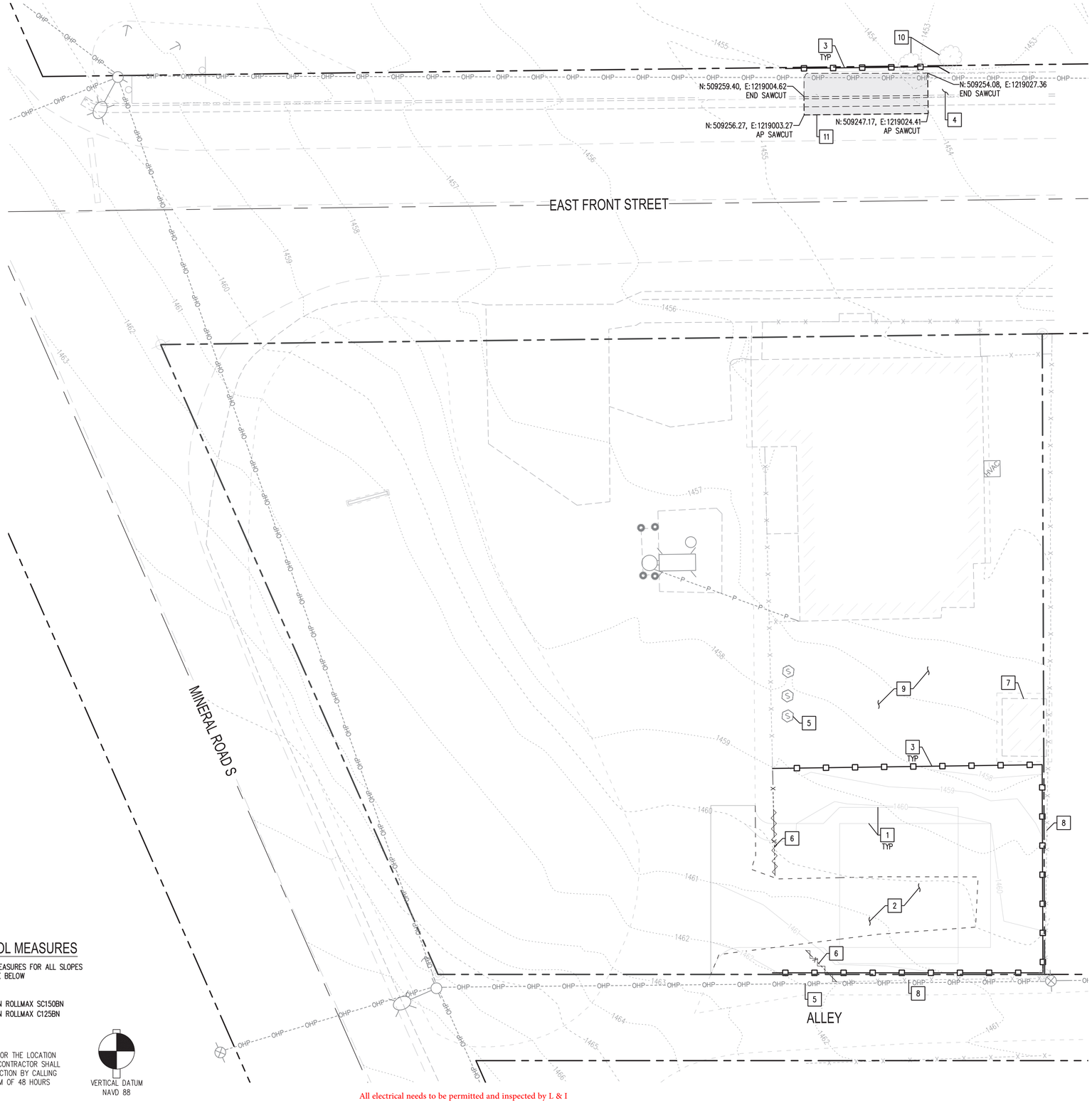
MTN 2 COAST LLC
PROFESSIONAL LAND SURVEYORS
2320 MOTTMAN RD SW, STE 106
TUMWATER, WA 98512
360.688.1949

PROJECT NAME:
104 EAST FRONT STREET
MINERAL, WASHINGTON
TOPOGRAPHIC SURVEY

CLIENT NAME:
LEWIS COUNTY TRANSIT

SHEET NAME:
SV-2

SHEET NO.
2 OF 2



N

0 10 20

SCALE IN FEET

LEGEND

- PROPERTY LINE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING EDGE OF GRAVEL
- EXISTING CURB & GUTTER
- EXISTING OVERHEAD POWER LINE
- EXISTING POWER LINE
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- HIGH VISIBILITY SILT FENCE: SEE DT-01
- SAWCUT (FULL DEPTH)
- ASPHALT, SIDEWALK, CONCRETE, CURB & GUTTER, AND BASE MATERIAL TO BE REMOVED, INCLUDING HAUL TO A CONTRACTOR PROVIDED WASTE SITE

X CONSTRUCTION NOTES

1. PROPOSED SITE IMPROVEMENTS SHOWN FOR REFERENCE ONLY
2. CLEAR, GRUB, AND EXCAVATE AS NECESSARY FOR SITE IMPROVEMENTS (TYP). EXCESS MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY, STATE, AND FEDERAL LAWS AND REGULATIONS AT A CONTRACTOR PROVIDED WASTE SITE
3. HIGH VISIBILITY SILT FENCE. REMOVE SILT FENCE ONCE SITE IS STABILIZED
4. REMOVE VEGETATION FROM EXISTING SIDEWALK
5. PROTECT EXISTING UTILITY IN-PLACE: REPLACE IN-KIND IF DAMAGED
6. REMOVE WOOD FENCE AS REQUIRED TO PERFORM WORK
7. PROTECT EXISTING SHED IN-PLACE: REPAIR/REPLACE IN-KIND IF DAMAGED
8. PROTECT EXISTING FENCE IN-PLACE
9. CONSTRUCTION EQUIPMENT IS NOT ALLOWED IN DRAINFIELD AREA
10. PROTECT EXISTING TREES IN-PLACE
11. SAWCUT

GENERAL NOTES

1. CONTRACTOR SHALL SECURE ALL STORAGE AREAS
2. CONTRACTOR SHALL PROVIDE ALL EROSION CONTROL MEASURES FOR STORAGE AND STOCKPILE AREAS
3. ALL MATERIALS STORED ON-SITE SHALL HAVE PROPER ENCLOSURES AND/OR COVERINGS
4. CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES PRIOR TO COMMENCING WITH ANY SITE DISTURBING ACTIVITIES
5. SIDEWALK, DRIVEWAYS, AND CURBING THAT ARE TO BE REMOVED SHALL BE SAWCUT AND REMOVED TO THE NEAREST FULL DEPTH EXPANSION JOINT REGARDLESS OF THE DEMOLITION LIMITS THAT ARE SHOWN ON THE PLANS. SAWCUTTING BETWEEN JOINTS SHALL NOT BE ALLOWED
6. EROSION CONTROL IS NOT LIMITED TO THE ITEMS ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES. NO SILTATION OF EXISTING OR PROPOSED DRAINAGE FACILITIES SHALL BE ALLOWED. CARE SHALL BE TAKEN TO PREVENT MIGRATION OF SILTS TO OFFSITE PROPERTIES
7. PROTECT IN PLACE ALL EXISTING SURVEY MARKERS INCLUDING, BUT NOT LIMITED TO, PROPERTY CORNERS AND STREET MONUMENTS. THE CONTRACTOR SHALL HAVE A PROFESSIONAL LAND SURVEYOR RESET ANY DISTURBED MONUMENTS AT THE CONTRACTOR'S EXPENSE. WHEN IT BECOMES OBVIOUS THAT A SURVEY MARKER MUST BE REMOVED, EITHER TEMPORARILY OR PERMANENTLY, THE PROFESSIONAL LAND SURVEYOR INVOLVED MUST APPLY TO THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES PUBLIC LAND SURVEY OFFICE PRIOR TO BEGINNING ANY FIELDWORK.

REQUIRED EROSION CONTROL MEASURES

CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES FOR ALL SLOPES DURING AND AFTER CONSTRUCTION PER THE TABLE BELOW

SLOPE	
4:1–2:1 (25%–50%)	NORTH AMERICAN GREEN ROLLMAX SC150BN
2:1–1:1 (50%–100%)	NORTH AMERICAN GREEN ROLLMAX C125BN

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

VERTICAL DATUM
NAVD 88

All electrical needs to be permitted and inspected by L & I

APPROVED BY LEWIS COUNTY

COUNTY ENGINEER _____ DATE _____

APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE

REVISIONS

PROJECT NO.
114.011

DRAWN
C.DAHM

CHECKED
D.PHILLIPS

SUBMITTAL DATES

OTB DATE
--

JSA CIVIL
Engineering | Planning | Management
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98501

STAMP
CHARLIE M. SEVERS
STATE OF WASHINGTON
52179
REGISTERED
PROFESSIONAL ENGINEER
05/27/2025

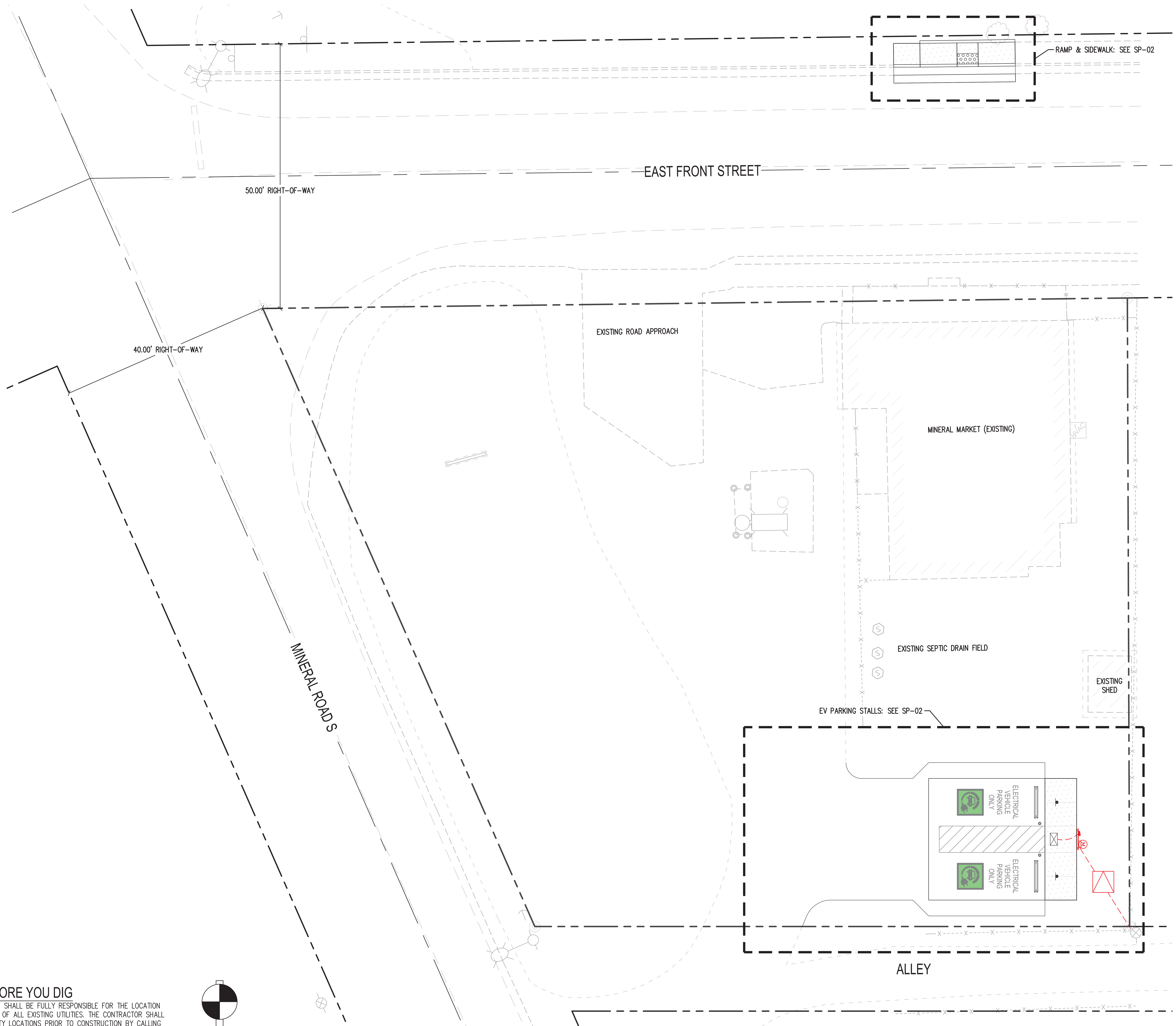
E-TRANSIT STATION
104 EAST FRONT STREET
MINERAL, WA

LEWIS COUNTY TRANSIT

SHEET TITLE
EROSION CONTROL & DEMOLITION PLAN

SHEET
EC-01

All electrical needs to be permitted and inspected by L & I



N

0 10 20
SCALE IN FEET

LEGEND

- PROPERTY LINE
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING EDGE OF GRAVEL
- EXISTING CURB & GUTTER
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING SEPTIC TANK
- EXISTING MONUMENT
- CEMENT CONCRETE SIDEWALK
- SEE EP-01 FOR ELECTRICAL DESIGN

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

VERTICAL DATUM
NAVD 88

May 27, 2025 3:17:09pm – User ClaraDahm
N:\2 – PROJECTS\14 TWIN TRANSIT\114.011 MINERAL, WA E-TRANSIT STATION\ACAD\114.011 SP-01.DWG

APPROVED BY LEWIS COUNTY

COUNTY ENGINEER DATE
APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE

REVISIONS

PROJECT NO. 114.011
DRAWN C.DAHM
CHECKED D.PHILLIPS
SUBMITTAL DATES
OTB DATE –

JSA CIVIL
Engineering | Planning | Management
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98501

STAMP
CHARLIE M. SEVERS
STATE OF WASHINGTON
52179
REGISTERED PROFESSIONAL ENGINEER
05/27/2025

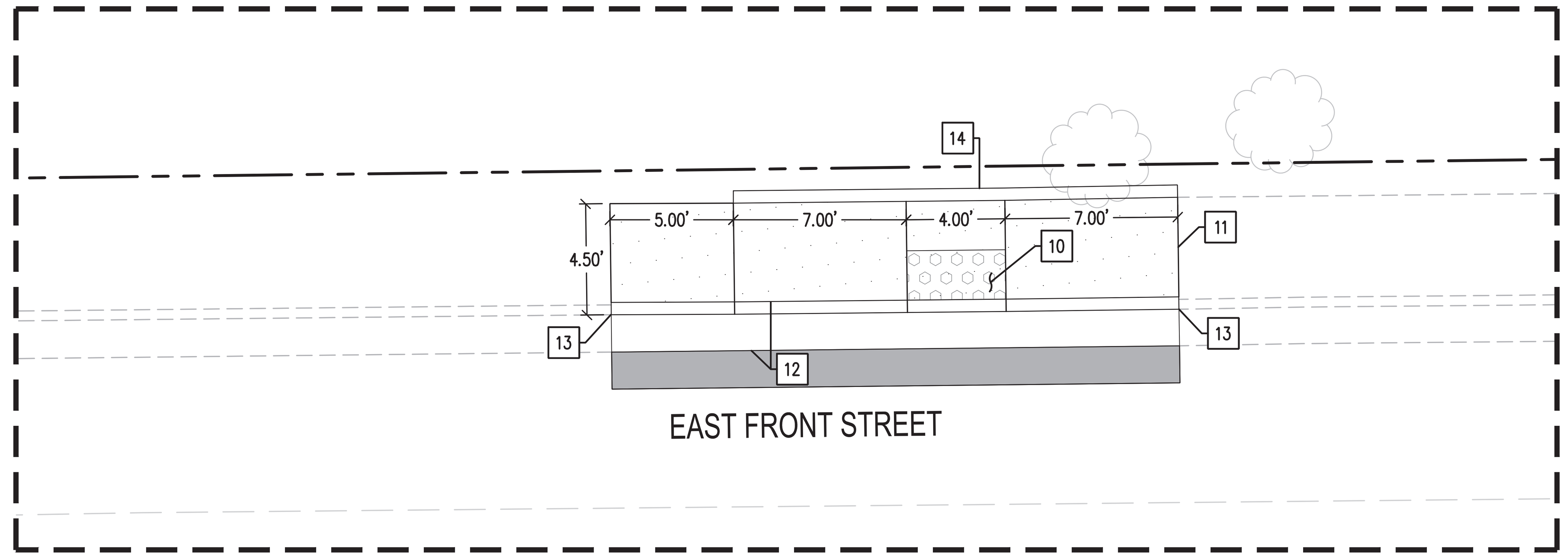
E-TRANSIT STATION
104 EAST FRONT STREET
MINERAL, WA

LEWIS COUNTY TRANSIT

SHEET TITLE
OVERALL SITE PLAN

SHEET
SP-01

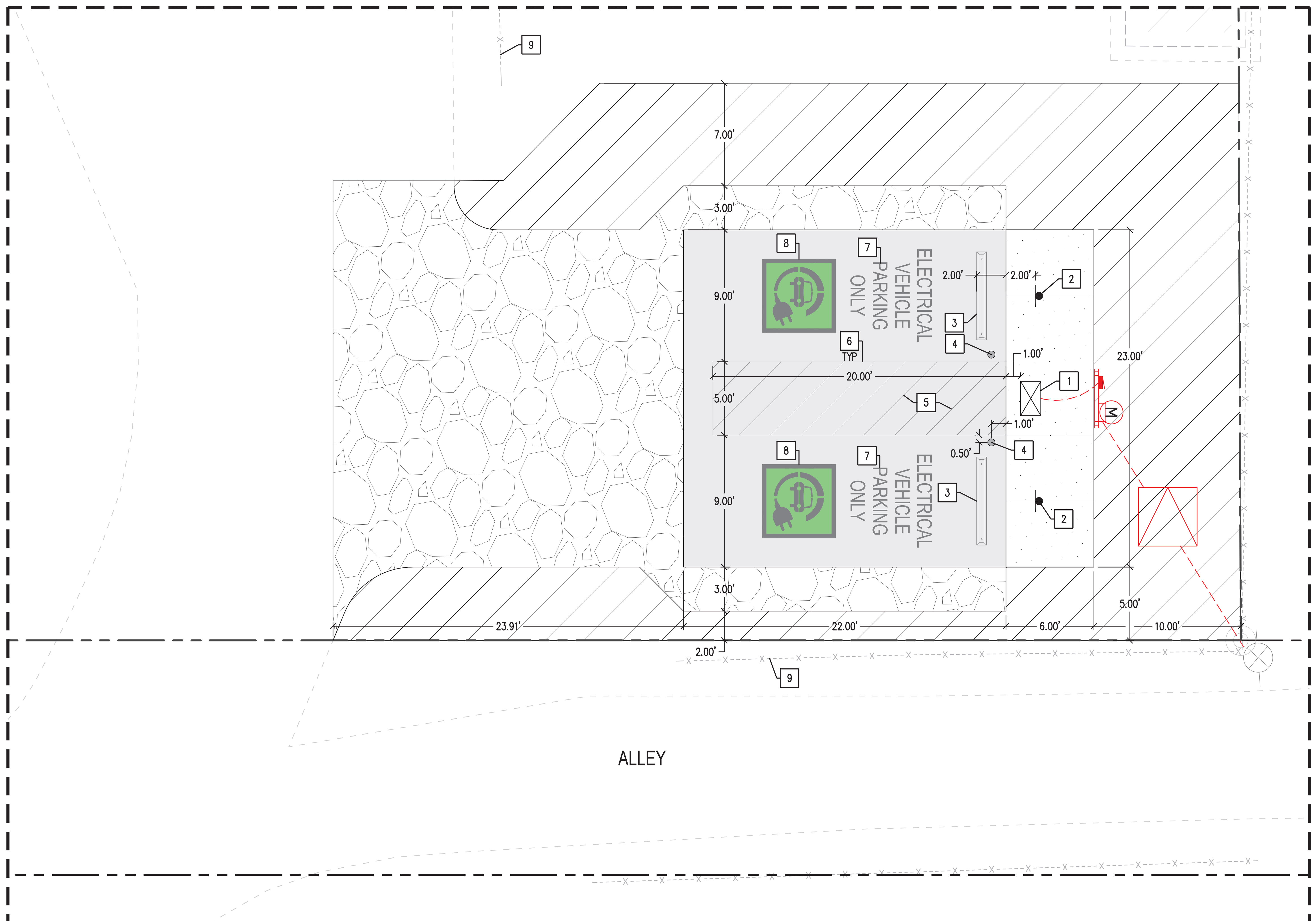
All electrical needs to be permitted and inspected by L & I



RAMP & SIDEWALK
1"=5'

GENERAL NOTES

1. CONTRACTOR SHALL CONTACT TWIN TRANSIT & JSA CIVIL FOR AN ON-SITE INSPECTION AFTER UTILITY INSTALLATION, BUT PRIOR TO CONCRETE PLACEMENT.
2. COMPACTION SHALL BE COMPLETED IN ACCORDANCE WITH THE WSDOT STANDARD SPECIFICATIONS. ALL SURFACING AND PAVING DEPTHS ARE COMPACTED DEPTHS.
3. THE CONTRACTOR SHALL PROTECT AND KEEP TRAFFIC OFF OF ALL POURED CEMENT CONCRETE FOR A PERIOD OF NO LESS THAN FOURTEEN (14) DAYS.
4. CONTRACTION AND EXPANSION JOINTS FOR ALL CONCRETE WORK SHALL BE PER THE WSDOT STANDARD SPECIFICATIONS.
5. THE OWNER WILL NOT PROVIDE ANY CONSTRUCTION WATER FOR THIS PROJECT. INSTEAD, THE CONTRACTOR SHALL ARRANGE AND PAY FOR THE REQUIRED CONSTRUCTION WATER FROM AN APPROVED WATER SOURCE. WHERE WATER IS REQUIRED FOR THE PURPOSES OF DUST SUPPRESSION OR ADJUSTING THE MOISTURE CONTENT OF SOILS TO OBTAIN PROPER COMPACTION, THE CONTRACTOR SHALL MAKE ALL REQUIRED ARRANGEMENTS TO OBTAIN CONSTRUCTION WATER, AND SHALL PAY FOR SUCH WATER, AND SHALL HAUL SUCH WATER AS MAY BE REQUIRED. THE CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF THE PURVEYOR PROVIDING SUCH WATER, INCLUDING BACKFLOW PREVENTION REQUIREMENTS. WHERE WATER IS REQUIRED FOR THE PURPOSE OF ESTABLISHING (I.E., GERMINATION) INSTALLED SEED MIXTURES IN DISTURBED PERVIOUS AREAS, THE CONTRACTOR SHALL MAKE ALL REQUIRED ARRANGEMENTS TO OBTAIN WATER. ALL COSTS FOR OBTAINING WATER SHALL BE INCLUDED IN THE BID AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED THEREFORE.
6. SIGNS SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE FOLLOWING PUBLICATIONS.
   A. WSDOT STANDARD PLANS (M21-01) SECTION G, SIGNS AND SIGN SUPPORTS
   B. WSDOT SIGN FABRICATION MANUAL (M55-05)
   C. WSDOT STANDARD SPECIFICATIONS (M41-10)
7. ALL PROPOSED CEMENT CONCRETE SIDEWALK SHALL HAVE 0.33' OF CRUSHED SURFACING TOP COURSE PLACED AND COMPACTED TO 95% (MIN.) OF THE MAXIMUM DRY DENSITY PRIOR TO FORMING FOR THE FLATWORK.
8. PAVEMENT MARKINGS & STRIPING SHALL BE IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE WSDOT STANDARD PLANS (M21-01) SECTION M, ROADWAY DELINEATION & THE WSDOT STANDARD SPECIFICATIONS.
9. CONTRACTOR SHALL INSTALL THE PROPOSED ELECTRICAL VEHICLE CHARGING STATIONS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTALLATION AND DESIGN SPECIFICATIONS. CONTRACTOR SHALL FURNISH AND INSTALL ALL FITTINGS, ADAPTERS, HARDWARE, FASTENERS, APPURTENANCES, SUNDRY PARTS, CONDUIT, AND MATERIALS FOR A COMPLETE AND FUNCTIONING INSTALLATION. CONTRACTOR SHALL CONTACT CHARGEPOINT FOR A LIST OF MATERIALS REQUIRED FOR INSTALLATION BY THE CONTRACTOR PRIOR TO SUBMITTING BID.
10. DIMENSIONS FOR SIGN LOCATIONS ARE TO FACE OF SIGN UNLESS OTHERWISE NOTED



EV PARKING STALLS
1"=5'

SCALE IN FEET 0 5 10

LEGEND

- PROPERTY LINE
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING EDGE OF GRAVEL
- EXISTING CURB & GUTTER
- EXISTING UTILITY POLE
- EXISTING MONUMENT
- CEMENT CONCRETE SIDEWALK PER WSDOT STD. PLAN F-30.10-04: SEE DT-02
- ASPHALT PAVEMENT RESTORATION PER LEWIS COUNTY STD. DETAIL 3-1: SEE DT-01
- PORTLAND CEMENT CONCRETE PAVEMENT PER SECTION ON DT-01
- GRAVEL SURFACE RESTORATION PER SECTION ON DT-01
- PERVIOUS SURFACE RESTORATION PER SECTION ON DT-01
- SEE EP-01 FOR ELECTRICAL DESIGN

X CONSTRUCTION NOTES

1. DUAL-PORT CHARGEPOINT EXPRESS 250 DC FAST CHARGING STATION FURNISHED BY OWNER & INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE WITH OWNER FOR DELIVERY OF THE CHARGER & CHARGING EQUIPMENT TO THE SITE. CONTRACTOR SHALL COMMISSION THE CHARGER IN ACCORDANCE WITH CHARGEPOINT'S REQUIREMENTS & INSPECTIONS
2. EV PARKING SIGN & POST: SEE DT-01
3. PRECAST CEMENT CONCRETE WHEELSTOP: SEE DT-01
4. BOLLARD: SEE DT-01
5. 4" WIDE DIAGONAL STALL STRIPING @ 18" O.C. WHITE PAINT SHALL MEET THE REQUIREMENTS OF SECTION 8-22.2 & 9-34 OF THE WSDOT STANDARD SPECIFICATIONS TWO (2) COATS OF WHITE PAINT (MIN.) W/ 7MIL DFT PER COAT
6. 4" WIDE PARKING STALL STRIPING WHITE PAINT SHALL MEET THE REQUIREMENTS OF SECTION 8-22.2 & 9-34 OF THE WSDOT STANDARD SPECIFICATIONS TWO (2) COATS OF WHITE PAINT (MIN.) W/ 7MIL DFT PER COAT
7. 12" TALL LETTERING "ELECTRIC VEHICLE PARKING ONLY" TWO (2) COATS OF WHITE PAINT W/ 7MIL DFT PER COAT
8. 48"x43.5" EV ELECTRICAL VEHICLE CHARGING STATION PAINTED SYMBOL ELECTRICAL VEHICLE CHARGING STATION CAR W/ PLUG PAINT SYMBOL SHERWIN WILLIAMS SW 6921 ELECTRIC LIME GREEN (OR APPROVED EQUAL) PAINT SYMBOL BACKGROUND WHITE
9. RESTORE FENCE WHERE DISTURBED BY CONSTRUCTION WITH NEW MATERIALS AS REQUIRED TO MATCH EXISTING
10. PARALLEL CURB RAMP PER WSDOT STD. PLAN F-40.12-03: SEE DT-02
11. MATCH EXISTING SIDEWALK ELEVATIONS
12. CEMENT CONCRETE CURB & GUTTER PER WSDOT STD. PLAN F-10.16-00: SEE DT-02 MATCH EXISTING GUTTER PAN WIDTH
13. MATCH INTO EXISTING CURB & GUTTER
14. PEDESTRIAN CURB PER WSDOT STD. PLAN F-10.12-04: SEE DT-02

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

VERTICAL DATUM
NAVD 88

May 27, 2025 3:17:27pm - User CiaraDahm
N:\2 - PROJECTS\14 TWIN TRANSIT\114.011 MINERAL, WA E-TRANSIT STATION\ACAD\114.011 SP-02.DWG

APPROVED BY LEWIS COUNTY

COUNTY ENGINEER DATE
APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE

REVISIONS

PROJECT NO. 114.011
DRAWN C.DAHM
CHECKED D.PHILLIPS
SUBMITTAL DATES
OTB DATE –

JSA CIVIL
Engineering | Planning | Management
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98501

STAMP
CHARLIE M. SEVERS
STATE OF WASHINGTON
52179
REGISTERED PROFESSIONAL ENGINEER
05/27/2025

E-TRANSIT STATION
104 EAST FRONT STREET
MINERAL, WA

LEWIS COUNTY TRANSIT

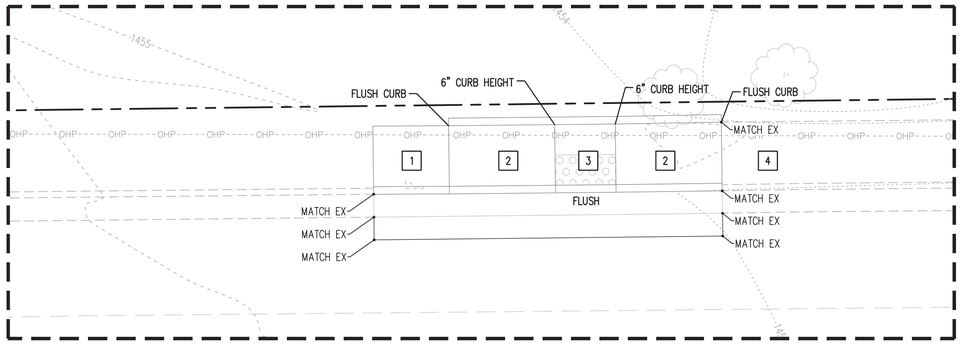
SHEET TITLE
SITE PLAN

SHEET
SP-02

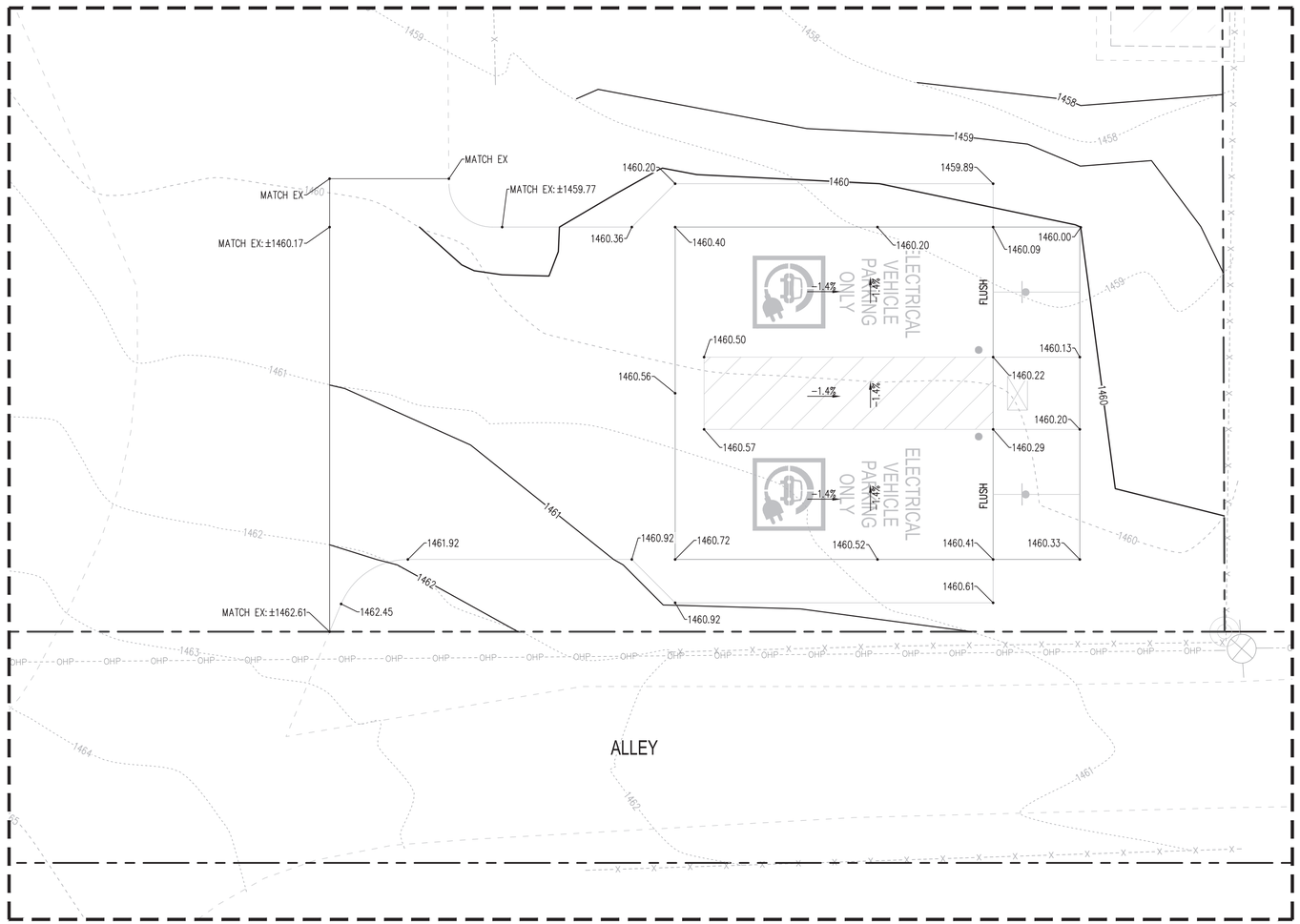
All electrical needs to be permitted and inspected by L & I

[X] CONSTRUCTION NOTES

1. LANDING
   SLOPE TOWARD ROADWAY AT 1.5%
   FINISHED SLOPE MEASURED IN ANY DIRECTION SHALL NOT EXCEED 1V:48H
2. RAMP
   SLOPE TOWARD BOTTOM LANDING AT 7.5% (MAX)
   FINISHED RUNNING SLOPE SHALL NOT EXCEED 1V:12H
3. BOTTOM LANDING
   FINISHED SLOPE MEASURED IN ANY DIRECTION SHALL NOT EXCEED 1V:48H
   FURNISH AND INSTALL DETECTABLE WARNING SURFACE
   ADJUST GUTTER PAN ELEVATIONS TO MATCH RAMP
4. RESTORE EXISTING SIDEWALK TO NEAREST JOINT



RAMP & SIDEWALK
1"=5'



EV PARKING STALLS
1"=5'

N

0 5 10

SCALE IN FEET

LEGEND

- PROPERTY LINE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- SPOT ELEVATION
- SLOPE ARROW
- EXISTING FENCE
- EXISTING EDGE OF GRAVEL
- EXISTING CURB & GUTTER
- EXISTING UTILITY POLE
- EXISTING MONUMENT

GENERAL NOTES

1. SPOT ELEVATIONS REPRESENT FINISHED GRADE AT TOP OF PAVEMENT UNLESS OTHERWISE NOTED
2. CATCH SLOPES TO EXISTING GRADE SHALL NOT EXCEED 3:1
3. ADA RAMPS SHALL BE CONSTRUCTED ADA COMPLIANT. CONTRACTOR SHALL VERIFY GRADES OF CONCRETE FORMS FOR RAMPS PRIOR TO POURING CONCRETE (TYP).
4. REFER TO WSDOT STD. PLAN F-40.12-03 FOR ADDITIONAL PARALLEL CURB RAMP NOTES & DETAILS: SEE DT-02
5. CONTRACTOR SHALL NOT ALLOW WATER TO POND AT SUBGRADE OR BASE MATERIAL ADJACENT TO CURB INLETS AND CATCH BASINS PRIOR TO PLACEMENT OF PAVEMENT. TEMPORARY PROVISIONS SUCH AS DEWATERING AND INSTALLATION OF SUBDRAINS SHALL BE TAKEN TO KEEP THE SUBGRADE DRY DURING CONSTRUCTION.
6. ACRONYMS FOR SPOT ELEVATIONS:
   - BW: BOTTOM OF WALL
   - HP: HIGH POINT
   - LP: LOW POINT
   - MATCH EX: MATCH EXISTING GRADE
   - TBC: TOP BACK OF CURB
   - TW: TOP OF WALL
   - SW: SIDEWALK

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

VERTICAL DATUM
NAVD 88

APPROVED BY LEWIS COUNTY

COUNTY ENGINEER _____ DATE _____

APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE

REVISIONS

PROJECT NO.
114.011
DRAWN
C.DAHM
CHECKED
D.PHILLIPS
SUBMITTAL DATES

OTB DATE
--

JSA CIVIL
Engineering | Planning | Management
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98501

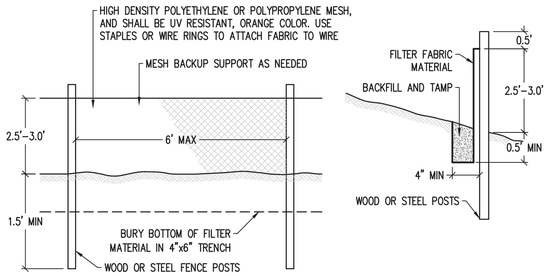
STAMP
CHARLIE M. SEVERS
STATE OF WASHINGTON
52179
REGISTERED
PROFESSIONAL ENGINEER
05/27/2025

E-TRANSIT STATION
104 EAST FRONT STREET
MINERAL, WA

LEWIS COUNTY TRANSIT

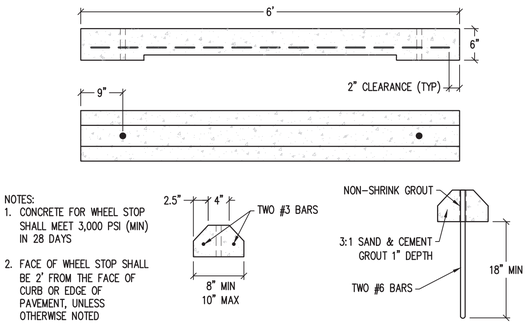
SHEET TITLE
GRADING PLAN

SHEET
CG-01



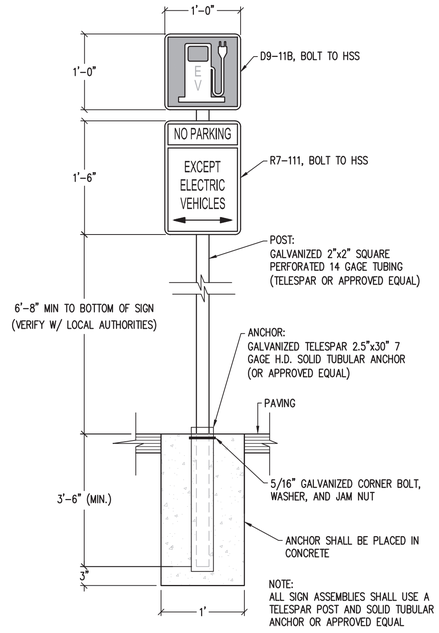
HIGH VISIBILITY SILT FENCE

NTS



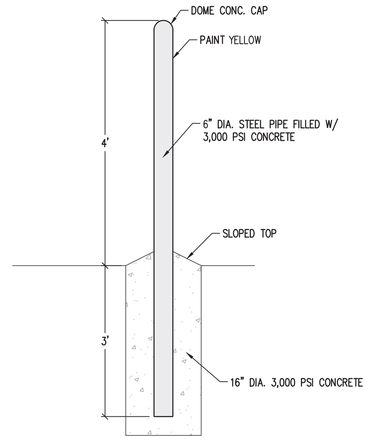
PRECAST CEMENT CONCRETE WHEEL STOP

NTS



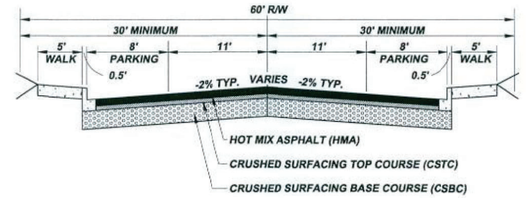
EV PARKING SIGN & POST

NTS



BOLLARD

NTS



MINIMUM REQUIRED:

HMA	0.30' COMPACTED DEPTH
CSTC	0.20' COMPACTED DEPTH
CSBC	0.30' COMPACTED DEPTH

NOTE: MATCH EXISTING SECTION DEPTHS IF GREATER THAN THE MINIMUM DEPTHS ON THIS DETAIL

General Notes:

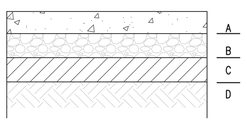
1. Maximum road grades shall be 12%, a minimum landing area of 40 feet shall be provided. Maximum grade may be exceeded for short distances with approval from the County Engineer.
2. Minimum of 60 feet of right of way required. All slopes and drainage facilities must be contained within the right-of-way.
3. Surfacing shall be designed with a structural section that takes into account the load bearing capacity of the soils and the traffic carrying requirements of the road. Plans shall be accompanied by the soils and traffic analysis on which the design is based.
4. Storm water collections, detention, and treatment shall meet LCC 15.45.
5. All horizontal and vertical curves shall be designed to AASHTO standards.
6. When on street parking is allowed on one side, minimum curb to curb width shall be 30'.
7. The use of roadside swales for storm water treatment, bio-filtration, may require additional width. Swale or ditch on one or both sides, as appropriate.
8. Design speeds in excess of 35 MPH requires extra sight distance for pedestrian separation.
9. Subgrade and crushed surfacing compacted to at least 95% of modified Proctor, per WSDOT method C.
10. Parking may be required on one or both sides.
11. Deviation from these standards may be available by applying to the office of the County Engineer.

Lewis County
DEPARTMENT OF PUBLIC WORKS

URBAN ROAD SECTION

3-1
Revision Date
10-18-06

All electrical needs to be permitted and inspected by L & I

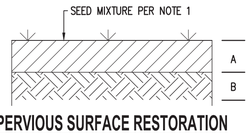


A. 5" PORTLAND CEMENT CONCRETE
B. 6" AGGREGATE BASE COURSE
C. 24" IMPORTED STRUCTURAL FILL
D. PREPARED SUBGRADE

PORTLAND CEMENT CONCRETE PAVEMENT

A. 12" AGGREGATE BASE COURSE
B. PREPARED SUBGRADE

GRAVEL SURFACE RESTORATION



A. 6" OF TOPSOIL TYPE A PER WSDOT STD. SPEC 8-02.3(4)A
B. PREPARED SUBGRADE

PERVIOUS SURFACE RESTORATION

NOTES

1. SEEDING MATERIALS SHALL BE GRASS-LEGUME MIX AND SHALL MEET THE REQUIREMENTS OF SECTIONS 9-14.3, 9-14.4, AND 9-14.5 OF THE WSDOT STANDARD SPECIFICATIONS (2025) (THE STANDARD SPECIFICATIONS). SELECT SEED MIX THAT CONSISTS OF FINE, CLOSE GROWING GRASSES THAT CAN WITHSTAND PROLONGED WET AND DRY PERIODS. SEED MIX SHALL BE APPLIED WITH A HYDROSEEDER OR BROADCASTER.
2. TOPSOIL TYPE A SHALL BE FREE OF ROCKS AND OTHER WOODY DEBRIS THAT IS GREATER THAN 1" IN DIAMETER. HAND RAKE FOR A SMOOTH FINISH. CATION EXCHANGE CAPACITY (CEC) OF TOPSOIL TYPE A SHALL BE A MINIMUM OF 5 MILLIEQUIVALENTS CEC/100 G DRY SOIL (US EPA METHOD 9081). ORGANIC CONTENT SHALL BE GREATER THAN 8%, BUT LESS THAN 15% AS MEASURED ON A DRY WEIGHT BASIS USING AASHTO T 267 DETERMINATION OF ORGANIC CONTENT IN SOILS BY LOSS ON IGNITION. TOPSOIL TYPE A SHALL BE 60% – 70% LOAM AND 30% – 40% COMPOST BY VOLUME. LOAM SHALL BE AS DEFINED BY THE US DEPARTMENT OF AGRICULTURE SOIL CLASSIFICATION SYSTEM. THE CONTRACTOR SHALL SUBMIT A PARTICLE SIZE ANALYSIS AS A TYPE 1 WORKING DRAWING FROM AN INDEPENDENT ACCREDITED SOILS LABORATORY INDICATING THE MATERIAL SOURCE AND COMPLIANCE WITH ALL TOPSOIL TYPE A SPECIFICATIONS. THE LABORATORY ANALYSIS SHALL BE WITH A SAMPLE SIZE OF NO LESS THAN 2 POUNDS. THE COMPOST SHALL CONFORM TO THE REQUIREMENTS OF SECTION 9-14.5(8) OF THE STANDARD SPECIFICATIONS.
3. AGGREGATE BASE COURSE SHALL BE CRUSHED SURFACING BASE COURSE IN ACCORDANCE WITH SECTION 9-03.9(3) OF THE STANDARD SPECIFICATIONS, COMPACTED TO 95 PERCENT (MIN) OF THE MAXIMUM DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM STANDARD TEST METHOD D1557, STANDARD TEST METHODS FOR LABORATORY COMPACTION CHARACTERISTICS OF SOIL USING MODIFIED EFFORT.
4. IMPORTED STRUCTURAL FILL SHALL BE GRAVEL BORROW, AS DESCRIBED IN SECTION 9-03.14(1) OF THE STANDARD SPECIFICATIONS. DURING PERIODS OF WET WEATHER, THE FINES CONTENT SHALL NOT EXCEED 5 PERCENT, BASED ON THE MINUS 3/4-INCH FRACTION.
5. IMPORTED STRUCTURAL FILL SHALL BE PLACED ON AN APPROVED SUBGRADE THAT CONSISTS OF UNIFORMLY FIRM, UNYIELDING, INORGANIC NATIVE SOILS OR OF COMPACTED STRUCTURAL FILL THAT EXTENDS TO SUCH SOILS. STRUCTURAL FILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS IN SECTION 2-03.3(14)C, METHOD C OF THE STANDARD SPECIFICATIONS. EACH LAYER OF STRUCTURAL FILL SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY, DETERMINED IN ACCORDANCE WITH THE COMPACTION CONTROL TESTS IN SECTION 2-03.3(14)D OF THE STANDARD SPECIFICATIONS. ALTERNATIVELY, THE MAXIMUM DRY DENSITY CAN BE DETERMINED USING ASTM STANDARD TEST METHOD D1557.
6. MATERIALS AND CONSTRUCTION OF PORTLAND CEMENT CONCRETE PAVEMENTS FOR THE PROJECT SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 5-05 OF THE STANDARD SPECIFICATIONS.
7. PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE CLASS 4000 CONCRETE MEETING THE REQUIREMENTS OF SECTION 6-02 OF THE STANDARD SPECIFICATIONS.
8. PROVIDE CONCRETE CURING FOR ALL SIDEWALKS AND DRIVEWAYS IN ACCORDANCE WITH SECTION 5-05.3(13)B OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE REQUIRED TIME FOR CURING SHALL BE SEVEN (7) DAYS, AND THE 8 MIL POLYETHYLENE SHEETING MAY BE EITHER WHITE OR CLEAR.
9. THE CONTRACTOR'S MATERIALS TESTING FIRM SHALL MAKE A TOTAL OF TWO (2) TRIPS TO THE SITE FOR THE PURPOSE OF STRENGTH TESTING CONCRETE FOR CURBS, SIDEWALKS AND RAMPS. THE CONTRACTOR'S MATERIALS TESTING FIRM SHALL COMPLETE TWO (2) SETS OF TESTS FOR EACH TRIP, WITH EACH SET OF TESTS CONDUCTED USING CONCRETE FROM A DIFFERENT TRUCK. EACH SET OF TESTS SHALL CONSIST OF THE FOLLOWING:
   A. ONE (1) SLUMP TEST IN ACCORDANCE WITH AASHTO T119, ASTM C143, OR EQUIVALENT TEST PROCEDURE.
   B. ONE (1) ENTRAINED AIR TEST IN ACCORDANCE WITH AASHTO T152 OR EQUIVALENT TEST PROCEDURE.
   C. CAST, CURE, AND TEST ONE (1) CYLINDER FOR 7-DAY COMPRESSIVE STRENGTH IN ACCORDANCE WITH AASHTO T22, T23, T231, ASTM C39, C873, OR EQUIVALENT TEST PROCEDURES.
   D. CAST, CURE, AND TEST ONE (1) CYLINDER FOR 14-DAY COMPRESSIVE STRENGTH IN ACCORDANCE WITH AASHTO T22, T23, T231, ASTM C39, C873, OR EQUIVALENT TEST PROCEDURES.
   E. CAST, CURE, AND TEST TWO (2) CYLINDERS FOR 28-DAY COMPRESSIVE STRENGTH IN ACCORDANCE WITH AASHTO T22, T23, T231, ASTM C39, C873, OR EQUIVALENT TEST PROCEDURES.
10. PORTLAND CEMENT CONCRETE PAVEMENT EDGES SHALL BE SUPPORTED WITH A THICKENED EDGE.
11. JOINTS SHALL BE SPACED NO MORE THAN 15 FEET APART IN PORTLAND CEMENT CONCRETE PAVEMENT. THE CONTRACTOR SHALL CONSTRUCT ALL EXPANSION JOINTS USING FULL-DEPTH PRE- MOLDED JOINT FILLER MEETING THE REQUIREMENTS OF SECTION 9-04.1(2) OF THE STANDARD SPECIFICATIONS.
12. APPROXIMATELY 8 INCHES OF TOPSOIL SHALL BE STRIPPED FROM AREAS DESIGNATED FOR DEVELOPMENT STRIPPED SOILS ARE NOT SUITABLE FOR REUSE AS STRUCTURAL FILL.
13. BEFORE STRUCTURAL FILL, FORMWORK, OR PAVEMENT BASE COURSE IS PLACED, THE SUBGRADE SHALL BE SCARIFIED; MOISTURE CONDITIONED; AND COMPACTED TO A FIRM, UNYIELDING CONDITION. THE PREPARED SUBGRADE SHALL BE PROOF-ROLLED IN THE PRESENCE OF A QUALIFIED GEOTECHNICAL ENGINEER, WHO IS FAMILIAR WITH THE SITE AND CAN CHECK FOR SOFT/DISTURBED AREAS. AREAS OF LIMITED ACCESS CAN BE EVALUATED WITH A STEEL T-PROBE. IF PROBING OR PROOF-ROLLING REVEALS LOOSE AND/OR DISTURBED SUBGRADES, ADDITIONAL MOISTURE CONDITIONING AND COMPACTION SHALL BE COMPLETED TO PRODUCE A FIRM, UNYIELDING SUBGRADE. ALTERNATIVELY, UNSUITABLE SOILS CAN BE OVEREXCAVATED AND REPLACED WITH COMPACTED STRUCTURAL FILL.
14. CONTRACTOR SHALL PREVENT SUBGRADE, SUBBASE, AND AGGREGATE BASE COURSE SATURATION.

TYPICAL SECTIONS

NTS

APPROVED BY LEWIS COUNTY

COUNTY ENGINEER _____ DATE _____

APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE

REVISIONS

PROJECT NO. 114.011
DRAWN C.DAHM
CHECKED D.PHILLIPS
SUBMITTAL DATES
OTB DATE –

JSA CIVIL
Engineering | Planning | Management
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98501

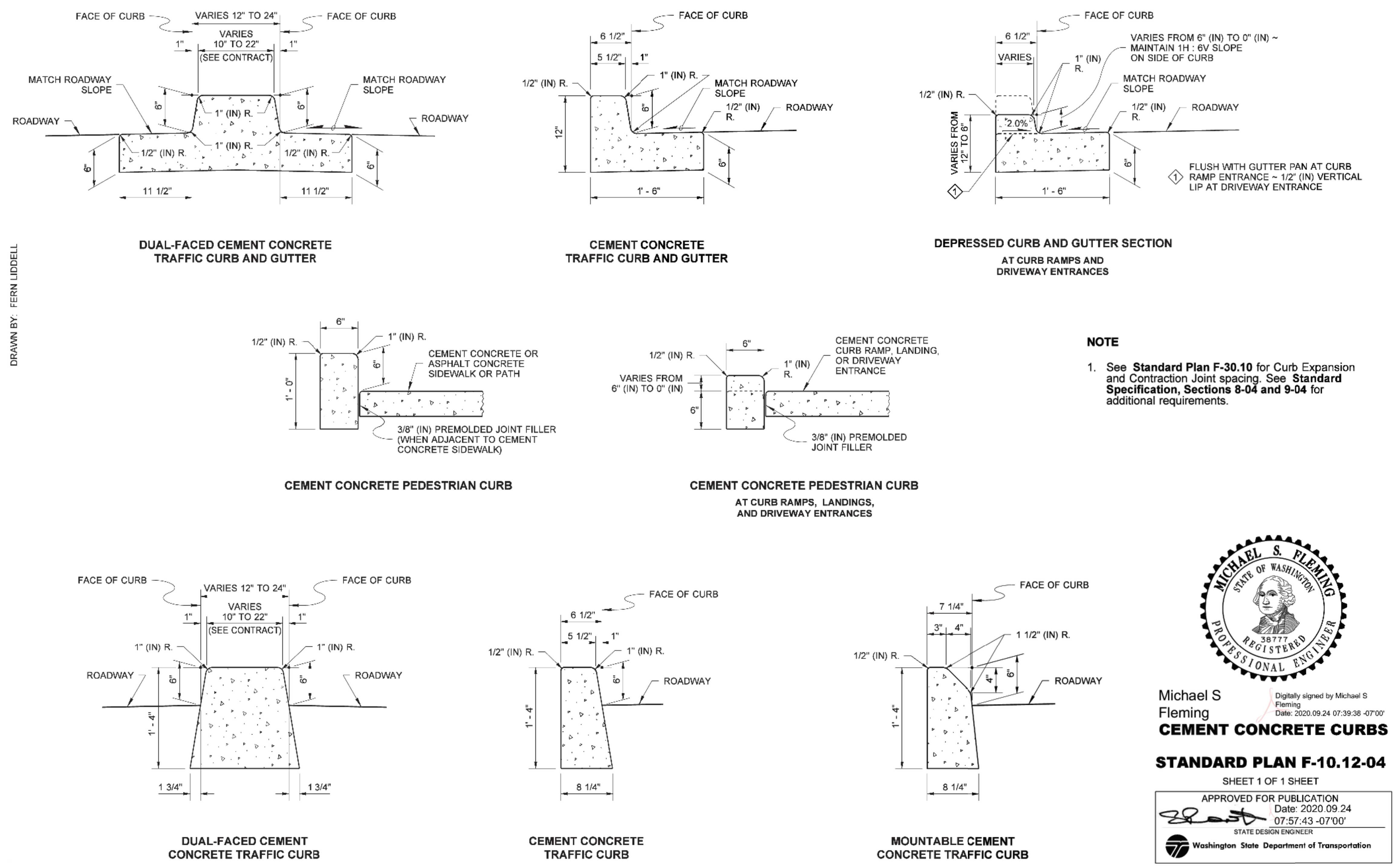
STAMP
CHARLIE M. SEVERS
STATE OF WASHINGTON
52179
REGISTERED
PROFESSIONAL ENGINEER
05/27/2025

E-TRANSIT STATION
104 EAST FRONT STREET
MINERAL, WA

LEWIS COUNTY TRANSIT

SHEET TITLE
DETAILS

SHEET
DT-01



NOTE

1. See **Standard Plan F-30.10** for Curb Expansion and Contraction Joint spacing. See **Standard Specification, Sections 8-04 and 9-04** for additional requirements.

Michael S Fleming

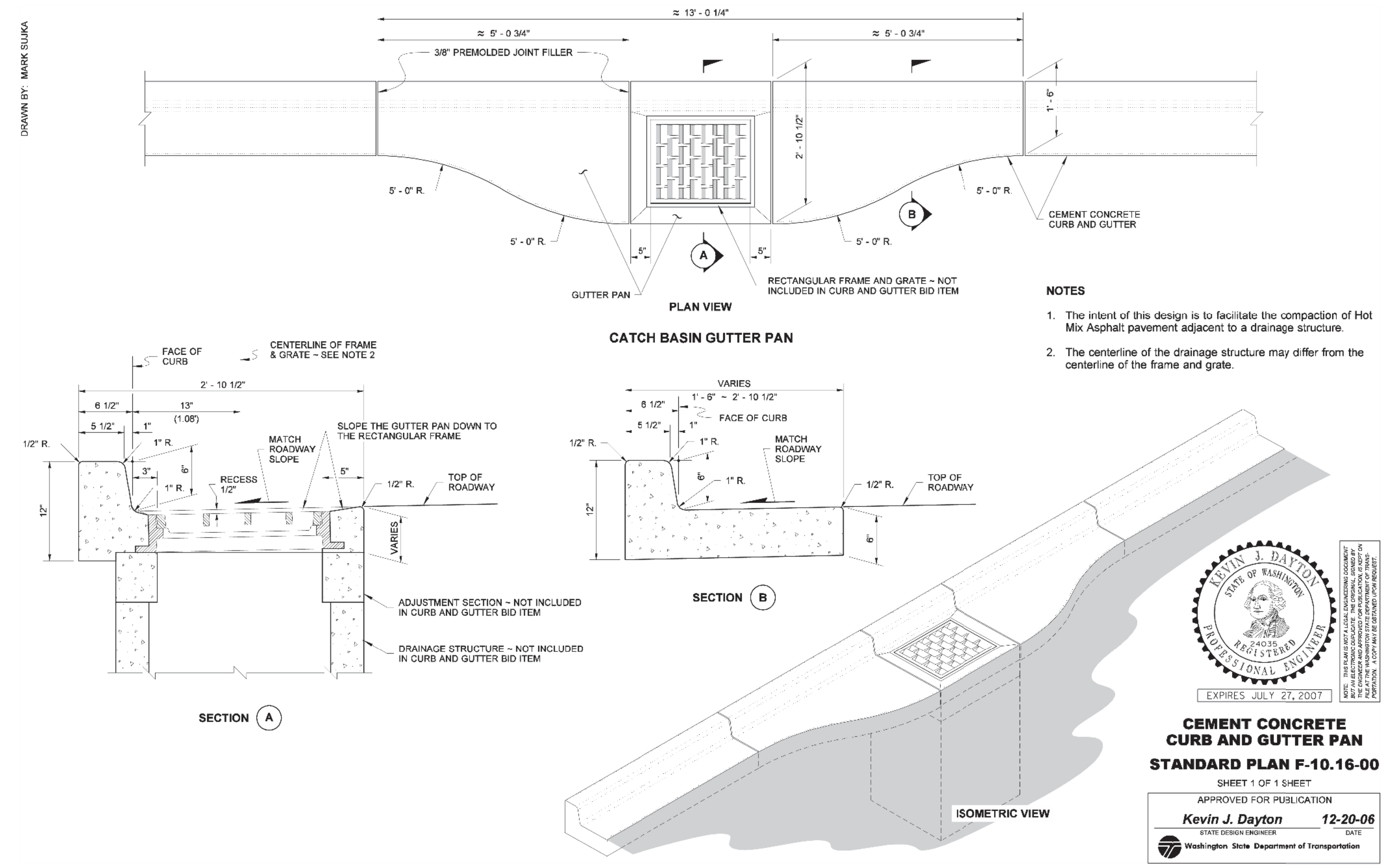
Digitally signed by Michael S Fleming Date: 2020.09.24 07:39:38 -07'00'

CEMENT CONCRETE CURBS

STANDARD PLAN F-10.12-04

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Date: 2020.09.24 07:57:43 -07'00'
STATE DESIGN ENGINEER
Washington State Department of Transportation



NOTES

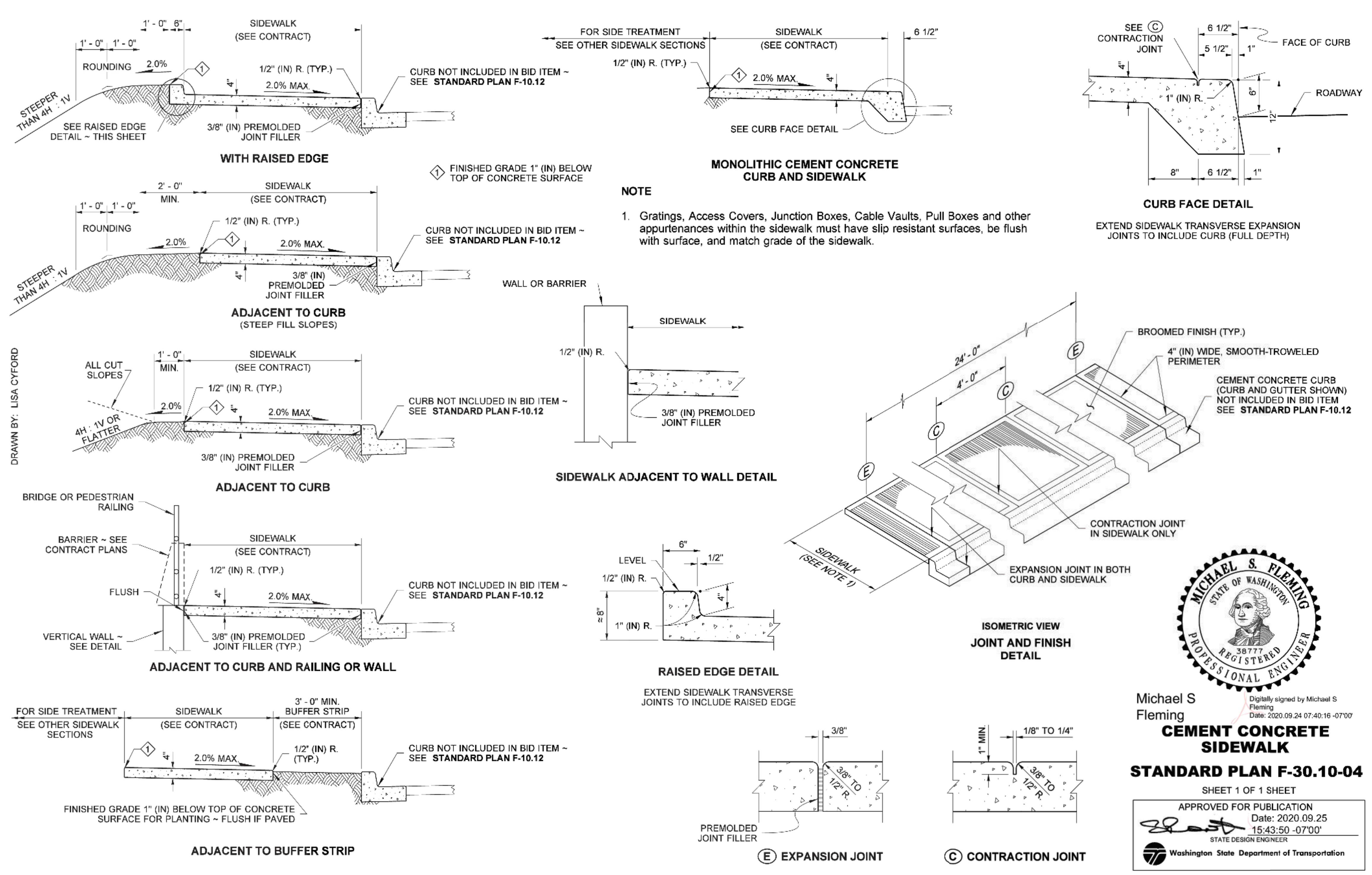
1. The intent of this design is to facilitate the compaction of Hot Mix Asphalt pavement adjacent to a drainage structure.
2. The centerline of the drainage structure may differ from the centerline of the frame and grate.

CEMENT CONCRETE CURB AND GUTTER PAN

STANDARD PLAN F-10.16-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Kevin J. Dayton 12-20-06
STATE DESIGN ENGINEER DATE
Washington State Department of Transportation



NOTE

1. Gratings, Access Covers, Junction Boxes, Cable Vaults, Pull Boxes and other appurtenances within the sidewalk must have slip resistant surfaces, be flush with surface, and match grade of the sidewalk.

Michael S Fleming

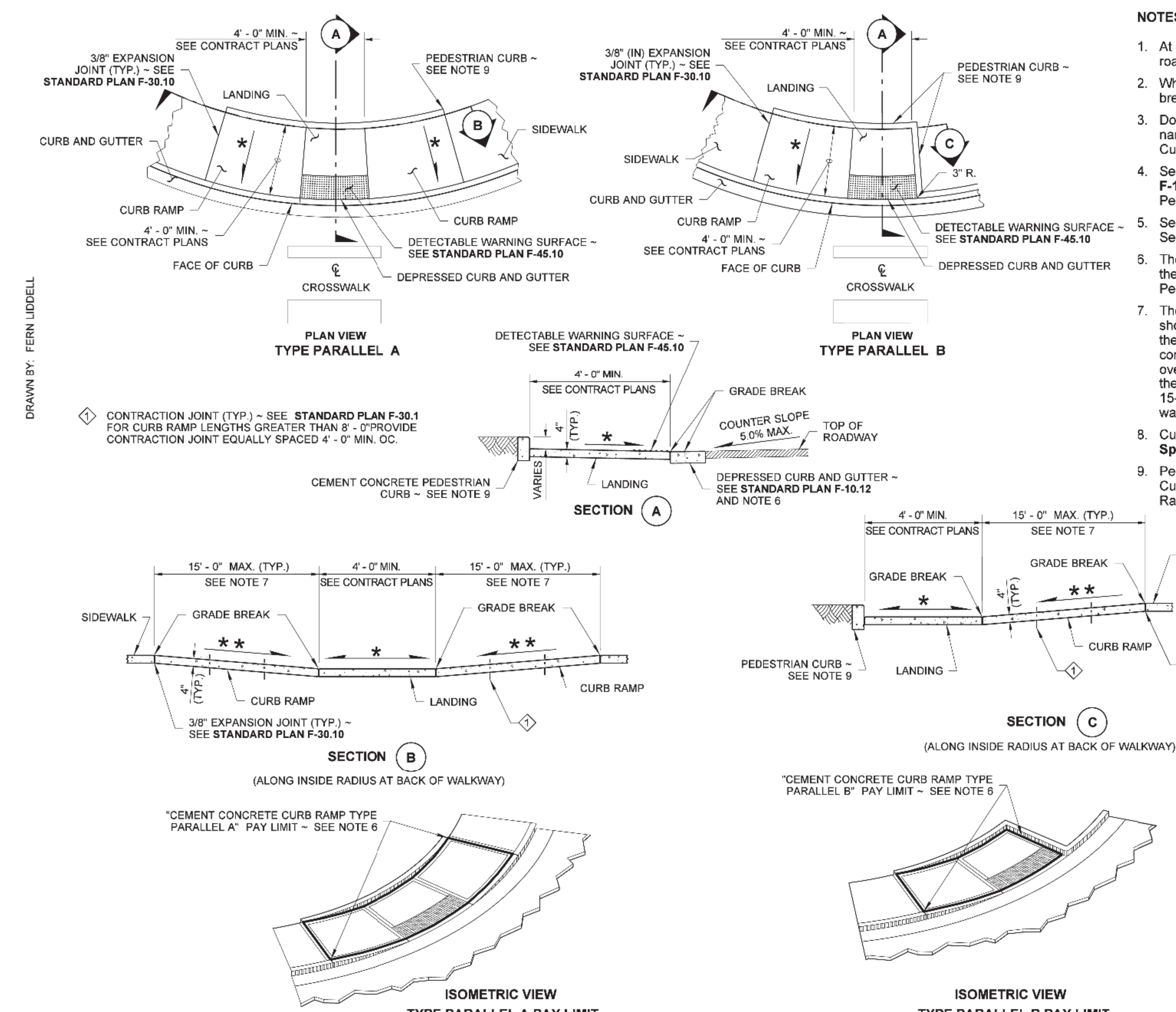
Digitally signed by Michael S Fleming Date: 2020.09.24 07:40:16 -07'00'

CEMENT CONCRETE SIDEWALK

STANDARD PLAN F-30.10-04

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Date: 2020.09.25 15:43:50 -07'00'
STATE DESIGN ENGINEER
Washington State Department of Transportation



NOTES

1. At marked crosswalks, the connection between the landing and the roadway must be contained within the width of the crosswalk markings.
2. Where "GRADE BREAK" is called out, the entire length of the grade break between the two adjacent surface planes shall be flush.
3. Do not place Gratings, Junction Boxes, Access Covers, or other appurtenances on any part of the Curb Ramp or Landing, or in the Depressed Curb and Gutter where the Landing connects to the roadway.
4. See Contract Plans for the curb design specified. See **Standard Plan F-10.12** for Curb, Curb and Gutter, Depressed Curb and Gutter, and Pedestrian Curb details.
5. See **Standard Plan F-30.10** for Cement Concrete Sidewalk Details. See Contract Plans for width and placement of sidewalk.
6. The Bid Item "Cement Concrete Curb Ramp Type __" does not include the adjacent Curb, Curb and Gutter, Depressed Curb and Gutter, Pedestrian Curb, or Sidewalks.
7. The Curb Ramp length is not required to exceed 15 feet (unless otherwise shown in the Contract Plans). When applying the 15-foot max. length, the running slope of the curb ramp is allowed to exceed 8.3%. Use a single constant slope from bottom of ramp to top of ramp to match into the sidewalk over a horizontal distance of 15 feet. Do not include abutting landing(s) in the15-foot max. measurement. When a ramp is constructed on a radius, the 15-foot max. length is measured on the inside radius along the back of the walkway.
8. Curb Ramps and Landings shall receive a broom finish. See **Standard Specifications 8-14.**
9. Pedestrian Curb may be omitted if the ground surface at the back of the Curb Ramp and/or Landing will be at the same elevation as the Curb Ramp or Landing and there will be no material to retain.

LEGEND

*	SLOPE IN EITHER DIRECTION
	1.5% OR FLATTER RECOMMENDED FOR DESIGN/FORMWORK (2% MAX.)
**	7.5% OR FLATTER RECOMMENDED FOR DESIGN/FORMWORK (8.3% MAX.) ~ SEE NOTE 7

Zeller, Scott Jun 24 2016 7:19 AM

PARALLEL CURB RAMP

STANDARD PLAN F-40.12-03

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Carpenter, Jeff Jun 29 2016 2:27 PM
STATE DESIGN ENGINEER
Washington State Department of Transportation

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APPROVED BY LEWIS COUNTY

COUNTY ENGINEER DATE
APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE

May 27, 2025 3:18:00pm ~ User: CoraDahm
N:\2 - PROJECTS\114 TWIN TRANSIT\114.011 MINERAL, WA E-TRANSIT STATION\ACAD\114.011 DT-01.DWG

REVISIONS

PROJECT NO.: 114.011
DRAWN: C.DAHM
CHECKED: D.PHILLIPS
SUBMITTAL DATES
OTB DATE: --

JSA CIVIL
Engineering | Planning | Management
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98501

STAMP
CHARLIE M. SELLERS — STATE OF WASHINGTON — 52129 — REGISTERED PROFESSIONAL ENGINEER
05/27/2025

E-TRANSIT STATION
104 EAST FRONT STREET
MINERAL, WA

LEWIS COUNTY TRANSIT

SHEET TITLE: DETAILS

SHEET: DT-02

ABBREVIATIONS

(SOME ABBREVIATIONS MAY NOT BE USED ON DRAWINGS)

ABBREV	DESCRIPTION
A or AMP	AMPERES
AIC	AMPERE INTERRUPTING CAPACITY
ARCH	ARCHITECTURAL
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
CU	COPPER
DIA	DIAMETER
DIV	DIVISION
DRC	DIGITAL ROOM CONTROLLER
DWG	DRAWING
ELEC	ELECTRIC
EMT	ELECTRICAL METALLIC TUBING
EXST or (E)	EXISTING
EV	ELECTRIC VEHICLE
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE CONDUIT
GND	GROUND
HH	HANDHOLE
HZ	HERTZ
J-BOX	JUNCTION BOX
KVA	KILOVOLT AMPERES
KW	KILOWATTS
LTG	LIGHTING
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPS
MCM or KCM	THOUSAND CIRCULAR MILS
MDP	MAIN DISTRIBUTION PANELBOARD
MDS	MAIN DISTRIBUTION SWITCHBOARD
MIN	MINIMUM
MOP or MOCP	MAXIMUM OVERCURRENT PROTECTION
N or NEUT	NEUTRAL
NTS	NOT TO SCALE
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
Ø or PH	PHASE
PNL	PANEL
RM	ROOM
SP	SINGLE POLE
STD	STANDARD
SW	SWITCH
SWBD	SWITCHBOARD
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
V	VOLTS
VA	VOLT AMPERES
W	WATTS
W/	WITH
WP	WEATHER PROOF

ELECTRICAL LEGEND

(SOME SYMBOLS MAY NOT BE USED ON DRAWINGS)

SYMBOL	DESCRIPTION
	DISTRIBUTION
	PANELBOARD
	TRANSFORMER
	WIRING UNDERGROUND
HH	HANDHOLE OR VAULT
	UNDERGROUND UTILITY
E	SECONDARY ELECTRIC (BELOW 600V)
P	PRIMARY ELECTRIC (ABOVE 600V)
W	WATER
SS	SANITARY SEWER
SD	STORM DRAIN
C	COMMUNICATIONS
G	GAS
	WIRING HOMERUN
	CONDUIT UP, DOWN
	FLEXIBLE WIRING CONNECTION
	CALLOUTS
#"C - #+#G	FEEDER CALLOUT AS INDICATED
200/150-3P	DEVICE SIZE / FUSE OR TRIP RATING - No. OF POLES
XXX	FIXTURE SYMBOL
#	PLAN NOTE TAG SYMBOL: # - IDENTIFYING NUMBER
#	DRAWING REVISION SYMBOL: # - IDENTIFYING NUMBER
	SCHEDULED EQUIPMENT CONNECTION (INCLUDE ALL WIRING, DISCONNECTING MEANS, CONTROL AND OTHER REQUIREMENTS SCHEDULED)
# B	DETAIL SYMBOL: (AS INDICATED ON DRAWINGS) # - IDENTIFYING NUMBER B - SHEET WHERE DETAIL SHOWN
# B	DETAIL SYMBOL: (AS INDICATED ON DRAWINGS) # - IDENTIFYING NUMBER B - SHEET WHERE DETAIL SHOWN
	REMODEL
	HEAVY LINE WEIGHT = NEW WORK (2 X 4 LAY-IN SHOWN)
	STANDARD LINE WEIGHT = EXISTING TO REMAIN (RECEPTACLE SHOWN)
	CROSS HATCH LINE WORK = ELECTRICAL DEMOLITION (RECEPTACLE SHOWN)
	BROKEN LINE WORK = ELECTRICAL DEMOLITION (RECEPTACLE SHOWN)
(N)	STANDARD LINE WEIGHT WITH (N) = EXISTING TO BE REPLACED OR MODIFIED (SEE REMODEL NOTES) (RECEPTACLE SHOWN)

GENERAL ELECTRICAL NOTES:

1. BRANCH CIRCUIT NOTES:
   A. VERIFY BRANCH CIRCUIT WIRE COUNT BEFORE PULLING CONDUCTORS. PROVIDE REQUIRED CONDUCTORS TO EACH OUTLET AND DEVICE FOR PHASE, NEUTRAL AND EQUIPMENT GROUND BASED ON CIRCUIT DESIGNATIONS SHOWN AND AS OTHERWISE INDICATED ON PLANS OR NOTE BELOW.
   B. MINIMUM BRANCH CIRCUIT CONDUCTOR SIZE FOR OUTDOOR LIGHTING SHALL BE MINIMUM NO. #6 AWG, OR EXISTING IF LARGER. .
2. MINIMUM CONDUIT SIZE FOR HOMERUNS AND FOR CONDUIT INSTALLED BELOW GRADE OUTDOORS SHALL BE 1 INCH UNLESS NOTED OTHERWISE.
3. OBTAIN MANUFACTURERS CUT SHEETS AND INSTALLATION INSTRUCTIONS FOR OWNER FURNISHED EQUIPMENT AND EQUIPMENT FURNISHED BY OTHER SUBCONTRACTORS.
4. EV CHARGERS AND MOUNTING PLATES FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. PROVIDE EQUIPMENT TO TRANSPORT ELECTRIC VEHICLE CHARGING EQUIPMENT FROM OWNERS STORAGE LOCATION TO SITE, OFFLOADING AND SETTING EQUIPMENT IN PLACE.

All electrical needs to be permitted and inspected by L & I

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

VERTICAL DATUM NAVD –

HULTZ BHU engineers inc
1111 Fawcett Ave, Suite 100 Tacoma, WA 98402
Phone: (253) 383-3257 Fax: (253) 383-3283
general@hultzbhu.com Job Number: 25-080

JSACIVIL
Engineering | Planning | Management
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98501

REVISIONS

PROJECT NO. –
DRAWN Bn
CHECKED Nm
SUBMITTAL DATES
OTB DATE: –

STAMP
SIGNED MAY 2025

E-TRANSIT STATION
MINERAL, WA

LEWIS COUNTY TRANSIT

SHEET TITLE
ABBREVIATIONS, LEGEND & GENERAL NOTES

SHEET
E-01

May 27, 2025 10:33:11am – User NeM
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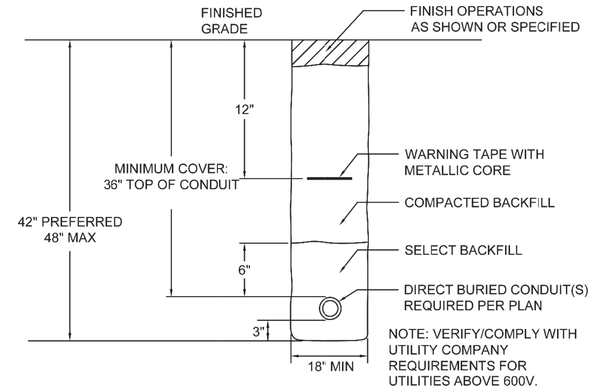
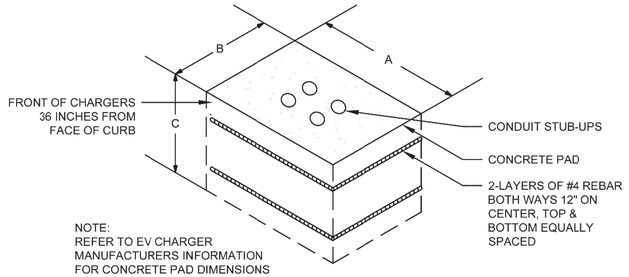


ELECTRICAL UTILITY TRENCH SECTION

1



NOTE:
REFER TO EV CHARGER MANUFACTURERS INFORMATION FOR CONCRETE PAD DIMENSIONS AND MOUNTING BOLT LAYOUT.

EV CHARGER PAD DIMENSIONS			
CHARGER	A (W)	B (L)	C* (H)
LEVEL 2	24"	24"	24"
LEVEL 3	85"	50"	12"
* = OR FROST LINE IF DEEPER			

EV CHARGER CONCRETE BASE DETAIL

4

All electrical needs to be permitted and inspected by L & I

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

VERTICAL DATUM
NAVD –

May 27, 2025 10:33:15am – User: NatM
I:\2025 JOBS\25-080\DRAWINGS\ELEC\25-199_E-02 DETAILS.DWG

HULTZ BHU engineers inc
1111 Fawcett Ave, Suite 100 Tacoma, WA 98402
Phone: (253) 383-3257 Fax: (253) 383-3283
general@hultzbhu.com Job Number: 25-080

APPROVED BY LEWIS COUNTY

COUNTY ENGINEER DATE

APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE

REVISIONS

PROJECT NO.
–
DRAWN
BH
CHECKED
NM
SUBMITTAL DATES

DTD DATE
–

JSACIVIL
Engineering | Planning | Management
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98501

STAMP
THOMAS C. TRAUTMAN STATE OF WASHINGTON PROFESSIONAL ENGINEER
SIGNED
MAY 2025

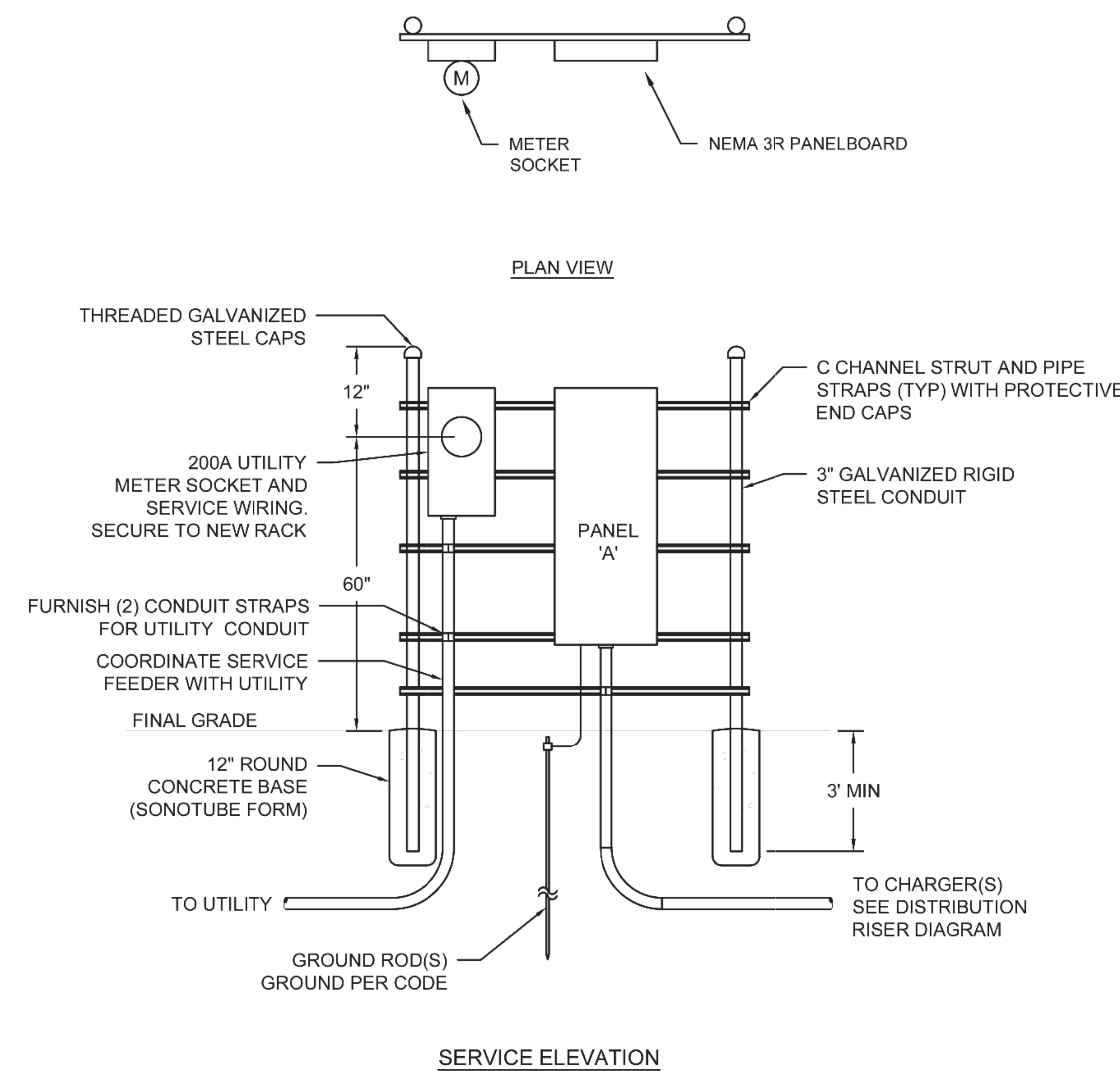
E-TRANSIT STATION
MINERAL, WA

LEWIS COUNTY TRANSIT

SHEET TITLE
ELECTRICAL DETAILS

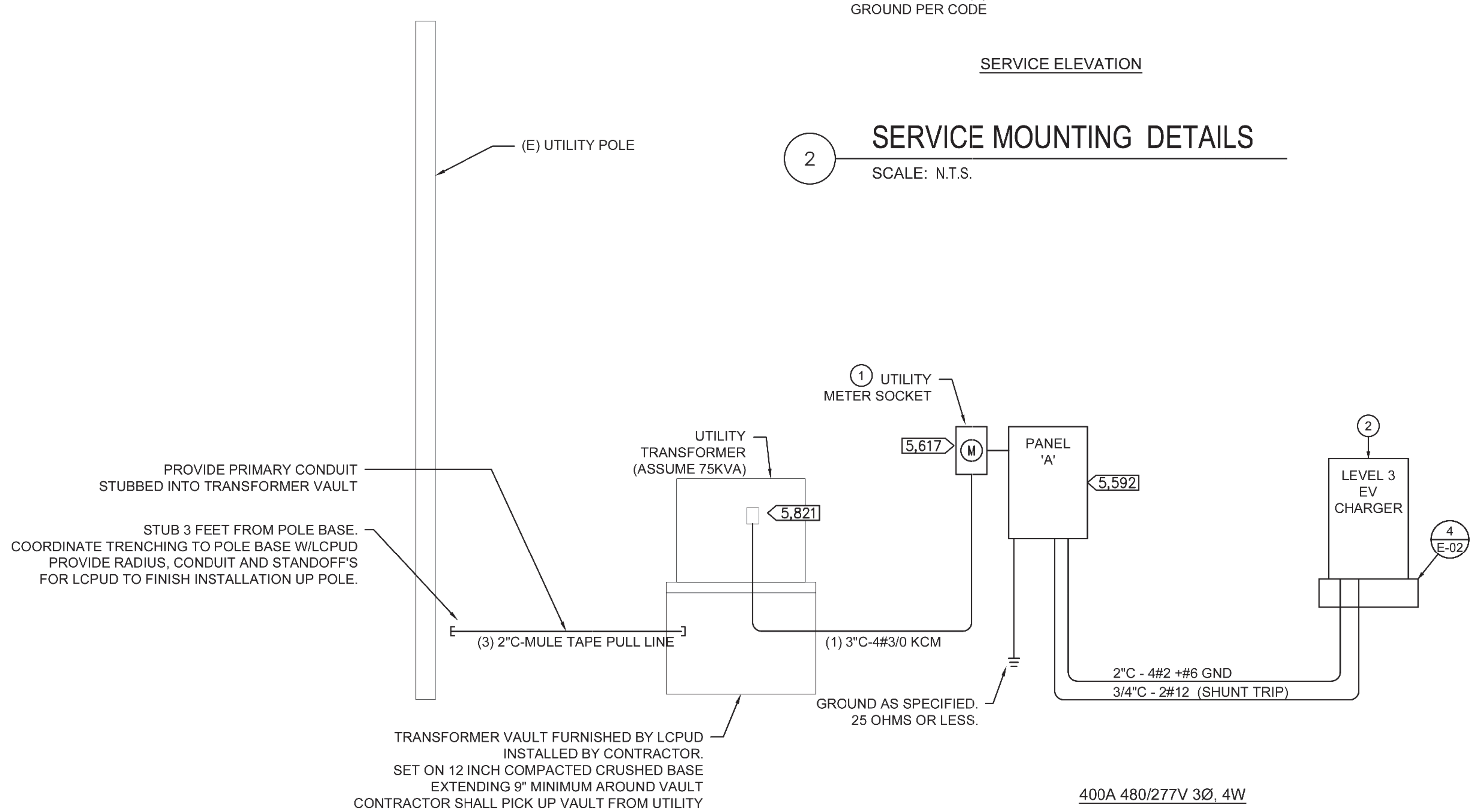
SHEET
E-02

All electrical needs to be permitted and inspected by L & I



2 SERVICE MOUNTING DETAILS

SCALE: N.T.S.



1 ONE-LINE DISTRIBUTION DIAGRAM

SCALE: NOT TO SCALE

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

VERTICAL DATUM NAVD –

May 27, 2025 10:33:19am – User: NeilM
I:\2025 JOBS\25-080\DRAWINGS\ELEC\23-199_ED-01 – DISTRIBUTION.DWG

THREE PHASE PANEL SCHEDULE

NEW

A VOLTAGE: 480/277 4W RATING: 200 A MAIN: BREAKER

GRID
SECTION: 1 OF 1
LOCATION: ELECTRICAL
LOCKING COVER

ENCLOSURE	ACCESSORIES	
FLUSH	ISOLATED GROUND	X SERVICE RATED
X SURFACE	X INTEGRAL SPD	AIC ASSEMBLY
NEMA TYPE 1	200% NEUTRAL	SERIES RATED
X NEMA TYPE 3R	FEED THRU LUGS	X 14K
NEMA TYPE 12	DOUBLE LUGS	35K
		65K

DESCRIPTION	*	VA	BKR	CKT	A	B	C	CKT	BKR	VA	*	DESCRIPTION
SHUNT TRIP	2		S	1	20			2	15/1	20		SHUNT TRIP POWER
CPE 250 CHARGING STATION #1	1	22160	100/3	3		22160		4	20/1			SPARE
-		22160	-	5			22160	6				SPACE
-		22160	-	7	22160			8				SPACE
SHUNT TRIP			S	9		0		10				SPACE
CPE 250 CHARGING STATION #2			100/3	11			0	12				SPACE
(FUTURE)			-	13	0			14				SPACE
-			-	15		0		16				SPACE
SPACE				17			0	18				SPACE
SPACE				19	0			20	30/3			SPD
SPACE				21		0		22	-			-
SPACE				23			0	24	-			-
BREAKER CODE:					22180	22160	22160	VA	A			
A=AFCI, G=GFCI, N=SWITCHED NEUTRAL, S=SHUNT TRIP								VA				
K=KEYED, P=PADLOCK ATTACHMENT								VA				
					22180	22160	22160	VA SUB-TOTAL				

CODE	KVA			KVA
LIGHTING		X	125%	
RECEPTACLES		X	100%	
RECEPTACLES OVER 10K		X	50%	
MOTORS		X	100%	
LARGEST MOTOR		X	125%	
KITCHEN		X	100%	
NONCOINCIDENT		X	0%	
REMAINDER	0.0	X	100%	0.0
EV CHARGER	66.5	X	125%	83.1

TOTAL LOAD	KVA	AMPS
CONNECTED	**66.5**	**80.0**
CALCULATED	**83.1**	**100.0**

NOTE *
1 **PROVIDE WITH LOCKABLE OPEN DEVICE.**
2 **CONNECT SHUNT TRIP TO EV CHARGER**

GENERAL NOTES:

1. PROVIDE COPPER CONDUCTORS. PROVIDE TYPE XHHW-2 CONDUCTORS BELOW GRADE.
2. BETWEEN PAIRED EV CHARGERS, PROVIDE SHIELDED CAT 6 CABLE LISTED FOR UNDERGROUND INSTALLATION. LEAVE MINIMUM 10 FEET SLACK AT EACH CHARGER FOR FINAL CONNECTION.

PLAN NOTES:

1. 200A 3 PHASE METER BASE PER UTILITY REQUIREMENTS.
2. LEVEL 3 ELECTRIC VEHICLE CHARGER, OWNER FURNISHED, CONTRACTOR INSTALLED (OFCI). REFER TO MANUFACTURERS INSTALLATION MANUAL.

ONE-LINE DISTRIBUTION DIAGRAM NOTES:

1. ALL FEEDERS ARE COPPER UNLESS NOTED OTHERWISE.
2. PROVIDE ADDITIONAL PULL BOXES AS REQUIRED.
3. PROVIDE WEATHER RESISTANT PHENOLIC LABEL ON SERVICE EQUIPMENT TO INDICATE MAXIMUM AVAILABLE FAULT CURRENT PER NFPA 70 - 110.24
6. PROVIDE WEATHER RESISTANT SELF ADHESIVE ENGRAVED PHENOLIC LABEL AT EACH METER BASE/SOCKET TO INDICATE THE ADDRESS IT SERVES. MINIMUM 1" HIGH BLACK LABEL WITH WHITE 3/4" HIGH RAISED OR CUT-OUT CAPITALIZED LETTERING.
7. THE ONE-LINE DIAGRAM IS DIAGRAMMATIC AND DOES NOT SHOW THE ACTUAL ROUTING OF THE RACEWAYS.
8. TEST ALL GROUND FAULT BREAKERS AND RELAYS AS REQUIRED BY CODE.
9. THE ELECTRICAL DISTRIBUTION SECTION SHALL BE FULLY RATED.

GRADE

HULTZ BHU engineers inc
1111 Fawcett Ave, Suite 100 Tacoma, WA 98402
Phone: (253) 383-3257 Fax: (253) 383-3283
general@hultzbhu.com Job Number: 25-080

APPROVED BY LEWIS COUNTY

COUNTY ENGINEER DATE

APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE

REVISIONS

PROJECT NO. –
DRAWN Bn
CHECKED Nm
SUBMITTAL DATES
OTB DATE: –

JSACIVIL
Engineering | Planning | Management
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98501

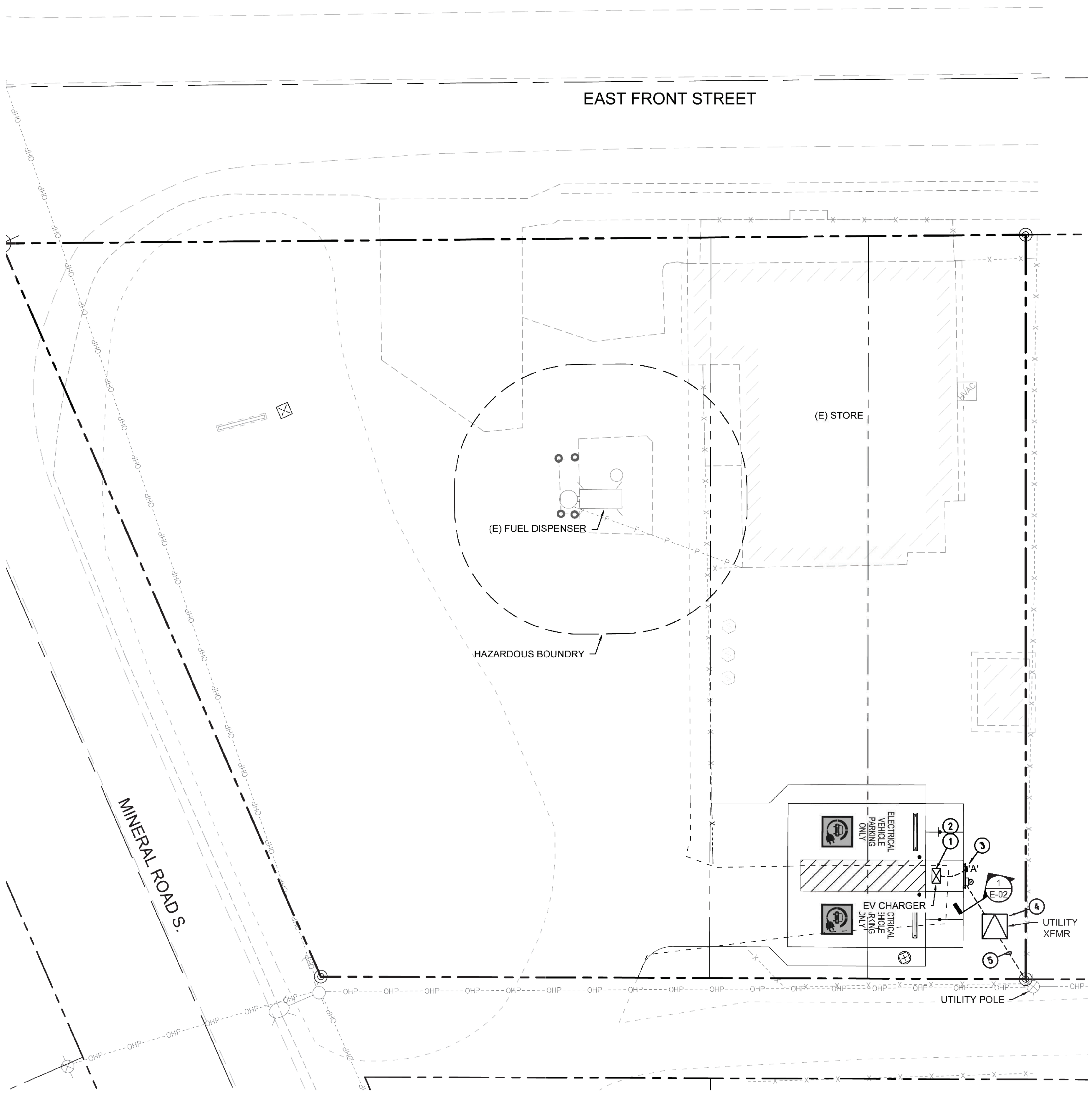
STAMP
SIGNED
MAY 2025

E-TRANSIT STATION
MINERAL, WA

LEWIS COUNTY TRANSIT

SHEET TITLE
ELECTRICAL DISTRIBUTION

SHEET
ED-01



GENERAL NOTES:

1. REFER TO GENERAL NOTES ON SHEET E-01.

PLAN NOTES:

1. DUAL PORT CHARGEPOINT EXPRESS 250 DC LEVEL 3 FAST CHARGER. OFCI.
2. PROVIDE CONCRETE BASE. SEE DETAIL. OBTAIN EV CHARGER INSTALLATION MANUAL AND COORDINATE INSTALLATION WITH EV CHARGER INSTALLATION GUIDE.
3. SERVICE DISTRIBUTION. REFER TO DETAIL 1 & 2/ED-01
4. UTILITY TRANSFORMER. COORDINATE FINAL LOCATION IN FIELD WITH ELECTRICAL UTILITY COMPANY.
5. PROVIDE TRENCHING AND CONDUITS PER LEWIS COUNTY PUD REQUIREMENTS. STUB UP POLE AND PROVIDE ADDITIONAL CONDUIT LENGTH FOR LCPUD TO ROUTE UP POLE.

All electrical needs to be permitted and inspected by L & I

1 ELECTRICAL PLAN

SCALE: 1" = 10'-0"

0' 5' 10' 20'

NORTH

CALL BEFORE YOU DIG

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May 27, 2025 10:33:27am – User NeM
t:\2025 JOBS\25-080\DRAWINGS\ELEC\23-199_EP-01 – POWER PLAN.DWG

HULTZ BHU engineers inc
1111 Fawcett Ave. Suite 100 Tacoma, WA 98402
Phone: (253) 383-3257 Fax: (253) 383-3283
general@hultzbhu.com Job Number: 25-080

APPROVED BY LEWIS COUNTY

COUNTY ENGINEER DATE

APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE

REVISIONS

PROJECT NO. –
DRAWN Bn
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Engineering | Planning | Management
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LEWIS COUNTY TRANSIT

SHEET TITLE
ELECTRICAL PLAN

SHEET
EP-01

State of Washington
Department of Labor & Industries
Prevailing Wage Section - Telephone 360-902-5335
PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

Journey Level Prevailing Wage Rates for the Effective Date: 09/30/2025

Lewis County

Trade	Job Classification	Wage	Holiday	Overtime	Note	Risk Class
Laborers	Air, Gas Or Electric Vibrating Screed	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Airtrac Drill Operator	$69.37	**15J**	**11P**	**8Y**	**View**
Laborers	Ballast Regular Machine	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Batch Weighman	$57.66	**15J**	**11P**	**8Y**	**View**
Laborers	Brick Pavers	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Brush Cutter	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Brush Hog Feeder	$67.39	**15J**	**11P**	**8Y**	**View**

Laborers	Burner	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Caisson Worker	$69.37	**15J**	**11P**	**8Y**	**View**
Laborers	Carpenter Tender	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Cement Dumper-paving	$69.37	**15J**	**11P**	**8Y**	**View**
Laborers	Cement Finisher Tender	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Change House Or Dry Shack	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Chipping Gun (30 Lbs. And Over)	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Chipping Gun (Under 30 Lbs.)	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Choker Setter	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Chuck Tender	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Clary Power Spreader	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Clean-up Laborer	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Concrete Dumper/Chute Operator	$69.37	**15J**	**11P**	**8Y**	**View**
Laborers	Concrete Form Stripper	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Concrete Placement Crew	$69.37	**15J**	**11P**	**8Y**	**View**

Laborers	Concrete Saw Operator/Core Driller	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Crusher Feeder	$57.66	**15J**	**11P**	**8Y**	**View**
Laborers	Curing Laborer	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Demolition: Wrecking & Moving (Incl. Charred Material)	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Ditch Digger	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Diver	$69.37	**15J**	**11P**	**8Y**	**View**
Laborers	Drill Operator (Hydraulic, Diamond)	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Dry Stack Walls	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Dump Person	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Epoxy Technician	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Erosion Control Worker	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Faller & Bucker Chain Saw	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Fine Graders	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Firewatch	$57.66	**15J**	**11P**	**8Y**	**View**
Laborers	Form Setter	$69.37	**15J**	**11P**	**8Y**	**View**

Laborers	Form Setter	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Gabian Basket Builders	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	General Laborer	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Grade Checker & Transit Person	$71.09	**15J**	**11P**	**8Y**	**View**
Laborers	Grinders	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Grout Machine Tender	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Groutmen (Pressure) Including Post Tension Beams	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Guardrail Erector	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Hazardous Waste Worker (Level A)	$69.37	**15J**	**11P**	**8Y**	**View**
Laborers	Hazardous Waste Worker (Level B)	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Hazardous Waste Worker (Level C)	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	High Scaler	$69.37	**15J**	**11P**	**8Y**	**View**
Laborers	Jackhammer	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Laserbeam Operator	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Maintenance Person	$67.39	**15J**	**11P**	**8Y**	**View**

Laborers	Manhole Builder-Mudman	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Material Yard Person	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Mold Abatement Worker	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Motorman-Dinky Locomotive	$71.19	**15J**	**11P**	**8Y**	**View**
Laborers	nozzleman (concrete pump, green cutter when using combination of high pressure air & water on concrete & rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster)	$71.09	**15J**	**11P**	**8Y**	**View**
Laborers	Pavement Breaker	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Pilot Car	$57.66	**15J**	**11P**	**8Y**	**View**
Laborers	Pipe Layer (Lead)	$71.09	**15J**	**11P**	**8Y**	**View**
Laborers	Pipe Layer/Tailor	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Pipe Pot Tender	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Pipe Reliner	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Pipe Wrapper	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Pot Tender	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Powderman	$69.37	**15J**	**11P**	**8Y**	**View**

Laborers	Powderman's Helper	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Power Jacks	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Power Washer	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Railroad Spike Puller - Power	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Raker - Asphalt	$71.09	**15J**	**11P**	**8Y**	**View**
Laborers	Re-timberman	$69.37	**15J**	**11P**	**8Y**	**View**
Laborers	Remote Equipment Operator	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Rigger/Signal Person	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Rip Rap Person	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Rivet Buster	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Rodder	$69.37	**15J**	**11P**	**8Y**	**View**
Laborers	Scaffold Erector	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Scale Person	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Sloper (Over 20")	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Sloper Sprayer	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Spreader (Concrete)	$69.37	**15J**	**11P**	**8Y**	**View**

Laborers	Stake Hopper	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Stock Piler	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Swinging Stage/Boatswain Chair	$57.66	**15J**	**11P**	**8Y**	**View**
Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Tamper (Multiple & Self-propelled)	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Timber Person - Sewer (Lagger, Shorer & Cribber)	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Toolroom Person (at Jobsite)	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Topper	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Track Laborer	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Track Liner (Power)	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Traffic Control Laborer	$61.41	**15J**	**11P**	**9C**	**View**
Laborers	Traffic Control Supervisor	$64.86	**15J**	**11P**	**9C**	**View**
Laborers	Truck Spotter	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Tugger Operator	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Tunnel Work-Compressed Air Worker 0-30 psi	$225.32	**15J**	**11P**	**9B**	**View**

Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	$230.35	**15J**	**11P**	**9B**	**View**
Laborers	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	$234.03	**15J**	**11P**	**9B**	**View**
Laborers	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	$239.73	**15J**	**11P**	**9B**	**View**
Laborers	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	$241.85	**15J**	**11P**	**9B**	**View**
Laborers	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	$246.95	**15J**	**11P**	**9B**	**View**
Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	$248.85	**15J**	**11P**	**9B**	**View**
Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	$250.85	**15J**	**11P**	**9B**	**View**
Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	$252.85	**15J**	**11P**	**9B**	**View**
Laborers	Tunnel Work-Guage and Lock Tender	$71.19	**15J**	**11P**	**8Y**	**View**
Laborers	Tunnel Work-Miner	$71.19	**15J**	**11P**	**8Y**	**View**
Laborers	Vibrator	$69.37	**15J**	**11P**	**8Y**	**View**

Laborers	Vinyl Seamer	$67.39	**15J**	**11P**	**8Y**	**View**
Laborers	Watchman	$52.73	**15J**	**11P**	**8Y**	**View**
Laborers	Welder	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Well Point Laborer	$68.56	**15J**	**11P**	**8Y**	**View**
Laborers	Window Washer/Cleaner	$52.73	**15J**	**11P**	**8Y**	**View**
Landscape Construction	Landscape Construction/Landscaping Or Planting Laborers	$52.73	**15J**	**11P**	**8Y**	**View**
Landscape Construction	Landscape Operator	$87.68	**15J**	**3K**	**8X**	**View**