

Lewis County  
Department of Public Works  
Engineering Division

**CONTRACT  
PROVISIONS AND PLANS  
FOR CONSTRUCTION OF:  
SAND SHEDS  
CONSTRUCTION PROJECT**

FEMA PROJECT NO. DR 4309 PW 238  
County Project No. 90-17F509100443B

September, 2019

Lewis County Public Works  
2025 NE Kresky Ave.  
Chehalis, WA 98532-2626



BOARD OF COUNTY COMMISSIONERS

Edna Fund, District No. 1  
Robert C. Jackson, District No. 2  
Gary Stamper, District No. 3



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# REQUEST FOR SEALED BID FOR CONSTRUCTION OF THREE SAND SHEDS (VARIOUS LOCATIONS)

## DELIVERY OF BIDS

Prospective bidders may obtain plans and specifications from Lewis County Public Works Department in Chehalis, Washington or download from Lewis County Website at [www.lewiscountywa.gov](http://www.lewiscountywa.gov). The contract documents may be viewed and downloaded from Lewis County's Web Site @ [www.lewiscountywa.gov/](http://www.lewiscountywa.gov/) or you may call the Lewis County Engineers office @ (360)740-2612 and request a copy be mailed to you. A contour map of the existing ground elevations may be viewed on the Website. All Contractor questions and Lewis County clarifying answers will be posted on our website and emailed to all Contractors registered on Lewis County's Planholder List. Plan or specification changes shall be accomplished through official project addendums.

Lewis County Public Works Department  
2025 NE Kresky Ave.  
Chehalis, Washington 98532  
(360) 740-2612

### Date and Time of Bid Opening

The Board of County Commissioners of Lewis County or designee, will open sealed proposals and publicly read them aloud on or after 11:00 a.m. on **October 15, 2019**, at the Lewis County Courthouse, Chehalis, Washington, for the Sand Sheds Construction Project.

### SEALED BIDS MUST BE DELIVERED BY OR BEFORE 11:00 A.M. on Tuesday, October 15, 2019

(Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners. **Bids submitted after 11:00 AM will not be considered for this project.**)

### Delivery and Marking of Sealed Bid Proposals

Sealed proposals must be delivered to the Clerk of the Board of Lewis County Commissioners (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532) by or before **11:00 A.M.** on the date specified for opening, and in an envelope clearly marked: **"SEALED BID FOR THE SAND SHEDS CONSTRUCTION PROJECT, COUNTY PROJECT NO. 90-17F509100443B, FEMA P.W. 238, TO BE OPENED ON OR AFTER 11:00 A.M. ON OCTOBER 15, 2019."**

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check, cashier's check or surety bond in an amount equal to five percent (5%) of the amount of such bid proposal. Should the successful bidder fail to enter into such contract and furnish satisfactory performance bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to the Lewis County Public Works Department.

The Lewis County Public Works Department 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 insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 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, or national origin, or sex in consideration for an award.

This Contract shall meet the requirements of the Washington State Department of Transportation 2018 Standard Specification for Road, Bridge, and Municipal Construction and Lewis County current adopted Building Codes that are hereby made part of this Contract. This Contract work will be subject to the provisions of Section 1-07.9 of the Standard Specifications which specify Washington State Prevailing Wage rates, Statement of Intent forms, Affidavit of Wages Paid forms, and weekly certified payroll statements. The work on this contract is to be performed upon lands whose ownership obligates the Contractor to collect State sales tax from the Contracting Agency. The provisions of Section 1-07.2(2) apply.

## **ELECTRICAL**

### At each Sand Shed location:

The Contractor shall provide and install a new Meter Base and 100 amp circuit panel to be energized with underground power at a later date by others. The Contractor shall provide an electrical permit showing inspection approval and permission to energize by L & I.

The Contractor shall provide and install a GFI – 20 amp plug-in for equipment block heater in the lean-to storage area, one double 4 foot LED tube light installed toward the front in the storage area, two double 4 foot LED tube lights installed above the bottom of the trusses in the sand storage area equally spaced from front to back, and a LED yard light installed on the front gable of the sand storage area that turns on automatically at night powered from a separate breaker than the tube lights. (Breaker switches only, no switches needed for lights).

## **SCOPE**

Lewis County requests responsible bids for the construction of Sand Sheds.

The Contractor shall construct sand shed as per the attached Engineered Building Plans for each site. Each building site has different fill existing conditions that only allows the Contracting Agency to estimate the depth to undisturbed soil. The Engineered Plans call out post embedment from finish grade on each plan set, which will not change. Concrete to be founded on undisturbed soil and have a minimum of 6 inches of concrete below post embedment. Because of sloughing aggregate the Contractor shall use sonotube forms from undisturbed soil to 1 inch below finished surface and backfilled before concrete is placed.

Site 1 & 2 shall have storage shed placed on the opposite side of sand shed. Placement of sand shed shall be as staked in the field or as directed by the Engineer.

Site 1 (Lincoln Cr. Site): Estimated 4 foot of sonotube @ each post.

Site 2 (Lebo Site): Estimated 4 to 8 foot of sonotube @ each post.

Site 3 (Mineral Cr. Site): Estimated 4 foot of sonotube @ each post.

## **BIDDING CRITERIA**

Each site shall be bid separately. The lump sum building at each site will include all materials, labor and equipment necessary to erect building as shown in the engineered

plans (including retaining wall and electrical) with the addition of Tyvek vapor barrier (or equivalent) between the roof purlins and metal roofing and also a 3 foot wide by 1 foot deep compacted crushed surfacing base course aggregate used for a footing centered under 16 inch retaining wall between each post. The sonotube forms including excavation, sonotube form, concrete, labor and backfill will be paid separately for each diameter by the linear foot. The Contracting Agency has entered a bid item of one linear foot for sonotube forms in the Proposal for each diameter of forms so the Contractor will be paid for all materials, labor and equipment to place each linear foot of sonotube.

Lewis County has applied for building permits for each site and anticipates having them approved by the first working day which will be the 20<sup>th</sup> calendar day after award. In the event that they have not yet been approved, first working day will be delayed until the permits have been received. The Contractor shall be responsible for obtaining the electrical permits.

## **NOTES**

- For engineering questions, contact Project Engineer Malcom Bowie via telephone at (360) 740-1175 or email ([Malcom.Bowie@lewiscountywa.gov](mailto:Malcom.Bowie@lewiscountywa.gov)).
- Electronic copies of the Contract will be available on Lewis County's web site [www.lewiscountywa.gov](http://www.lewiscountywa.gov)
- Lewis County (Agency) reserves the right to ask for descriptive literature and technical specifications at the bidders' expense.
- Federal Tax Identification Number from IRS form W-9 is required on all invoices.

## **SPECIFICATIONS**

IBC 2009 Design Loads

## **SCHEDULE**

The Contractor shall provide a schedule for the Building design package at the time of award.





## **APPENDIX A**

### **Washington State Prevailing Wage Rates**

#### **INCLUDING:**

**State Wage Rates**

**Wage Rate Supplements**

**Wage Rate Benefit Codes**



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: 9/23/2019

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>	<u>*Risk Class</u>
Lewis	<a href="#">Asbestos Abatement Workers</a>	Journey Level	\$50.86	<u>5D</u>	<u>1H</u>		<a href="#">View</a>
Lewis	<a href="#">Boilermakers</a>	Journey Level	\$69.04	<u>5N</u>	<u>1C</u>		<a href="#">View</a>
Lewis	<a href="#">Brick Mason</a>	Journey Level	\$58.82	<u>5A</u>	<u>1M</u>		<a href="#">View</a>
Lewis	<a href="#">Brick Mason</a>	Pointer-Caulker-Cleaner	\$58.82	<u>5A</u>	<u>1M</u>		<a href="#">View</a>
Lewis	<a href="#">Building Service Employees</a>	Janitor	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Building Service Employees</a>	Shampooer	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Building Service Employees</a>	Waxer	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Building Service Employees</a>	Window Cleaner	\$13.22		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Cabinet Makers (In Shop)</a>	Journey Level	\$23.17		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Acoustical Worker	\$62.44	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Bridge, Dock And Wharf Carpenters	\$62.44	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Carpenter	\$62.44	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Carpenters on Stationary Tools	\$62.57	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Creosoted Material	\$62.54	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Floor Finisher	\$62.44	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Floor Layer	\$62.44	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Scaffold Erector	\$62.44	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Application of all Composition Mastic	\$62.97	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Application of all Epoxy Material	\$62.47	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Application of all Plastic Material	\$62.97	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Application of Sealing Compound	\$62.47	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Application of	\$62.97	<u>7A</u>	<u>4U</u>		<a href="#">View</a>

		Underlayment				
Lewis	<a href="#">Cement Masons</a>	Building General	\$62.47	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Composition or Kalman Floors	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Concrete Paving	\$62.47	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Curb & Gutter Machine	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Curb & Gutter, Sidewalks	\$62.47	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Curing Concrete	\$62.47	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Finish Colored Concrete	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Floor Grinding	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Floor Grinding/Polisher	\$62.47	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Green Concrete Saw, self-powered	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Grouting of all Plates	\$62.47	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Grouting of all Tilt-up Panels	\$62.47	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Gunite Nozzleman	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Hand Powered Grinder	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Journey Level	\$62.47	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Patching Concrete	\$62.47	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Pneumatic Power Tools	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Power Chipping & Brushing	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Sand Blasting Architectural Finish	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Screed & Rodding Machine	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Spackling or Skim Coat Concrete	\$62.47	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Troweling Machine Operator	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Troweling Machine Operator on Colored Slabs	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Tunnel Workers	\$62.97	<u>7A</u>	<u>4U</u>	<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$116.20	<u>7A</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Dive Supervisor/Master	\$79.23	<u>7A</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Diver	\$116.20	<u>7A</u>	<u>4C</u>	<u>8V</u> <a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Diver On Standby	\$74.23	<u>7A</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Diver Tender	\$67.31	<u>7A</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Manifold Operator	\$67.31	<u>7A</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Manifold Operator Mixed Gas	\$72.31	<u>7A</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Operator/Technician	\$67.31	<u>7A</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Tender	\$67.31	<u>7A</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Assistant Engineer	\$56.44	<u>5D</u>	<u>3F</u>	<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Assistant Mate (Deckhand)	\$56.00	<u>5D</u>	<u>3F</u>	<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Boatmen	\$56.44	<u>5D</u>	<u>3F</u>	<a href="#">View</a>

Lewis	<a href="#">Dredge Workers</a>	Engineer Welder	\$57.51	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Leverman, Hydraulic	\$58.67	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Mates	\$56.44	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Oiler	\$56.00	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Lewis	<a href="#">Drywall Applicator</a>	Journey Level	\$62.44	<a href="#">5D</a>	<a href="#">1H</a>		<a href="#">View</a>
Lewis	<a href="#">Drywall Tapers</a>	Journey Level	\$62.94	<a href="#">5P</a>	<a href="#">1E</a>		<a href="#">View</a>
Lewis	<a href="#">Electrical Fixture Maintenance Workers</a>	Journey Level	\$12.00		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Inside</a>	Cable Splicer	\$71.81	<a href="#">5C</a>	<a href="#">1G</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Inside</a>	Journey Level	\$67.31	<a href="#">5C</a>	<a href="#">1G</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Inside</a>	Lead Covered Cable Splicer	\$76.31	<a href="#">5C</a>	<a href="#">1G</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Inside</a>	Welder	\$71.81	<a href="#">5C</a>	<a href="#">1G</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Motor Shop</a>	Craftsman	\$15.37		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Motor Shop</a>	Journey Level	\$14.69		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Cable Splicer	\$79.60	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Certified Line Welder	\$72.98	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Groundperson	\$47.94	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Heavy Line Equipment Operator	\$72.98	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Journey Level Lineperson	\$72.98	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Line Equipment Operator	\$62.06	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Meter Installer	\$47.94	<a href="#">5A</a>	<a href="#">4D</a>	<a href="#">8W</a>	<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Pole Sprayer	\$72.98	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Powderperson	\$54.55	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electronic Technicians</a>	Journey Level	\$43.19	<a href="#">6Z</a>	<a href="#">1B</a>		<a href="#">View</a>
Lewis	<a href="#">Elevator Constructors</a>	Mechanic	\$94.22	<a href="#">7D</a>	<a href="#">4A</a>		<a href="#">View</a>
Lewis	<a href="#">Elevator Constructors</a>	Mechanic In Charge	\$101.73	<a href="#">7D</a>	<a href="#">4A</a>		<a href="#">View</a>
Lewis	<a href="#">Fabricated Precast Concrete Products</a>	Journey Level	\$13.50		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Fabricated Precast Concrete Products</a>	Journey Level - In-Factory Work Only	\$13.50		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Fence Erectors</a>	Fence Erector	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Fence Erectors</a>	Fence Laborer	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Flaggers</a>	Journey Level	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Glaziers</a>	Journey Level	\$66.51	<a href="#">7L</a>	<a href="#">1Y</a>		<a href="#">View</a>
Lewis	<a href="#">Heat &amp; Frost Insulators And Asbestos Workers</a>	Journeyman	\$76.61	<a href="#">5J</a>	<a href="#">4H</a>		<a href="#">View</a>
Lewis	<a href="#">Heating Equipment Mechanics</a>	Journey Level	\$85.88	<a href="#">7F</a>	<a href="#">1E</a>		<a href="#">View</a>
Lewis	<a href="#">Hod Carriers &amp; Mason Tenders</a>	Journey Level	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>

Lewis	<a href="#">Industrial Power Vacuum Cleaner</a>	Journey Level	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Boat Operator	\$61.41	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Cook	\$56.48	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Deckhand	\$57.48	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Deckhand Engineer	\$58.81	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Launch Operator	\$58.89	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Mate	\$57.31	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Cleaner Operator, Foamer Operator	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Grout Truck Operator	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Head Operator	\$12.78		1		<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Technician	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Tv Truck Operator	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Insulation Applicators</a>	Journey Level	\$62.44	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Lewis	<a href="#">Ironworkers</a>	Journeyman	\$72.18	<a href="#">7N</a>	<a href="#">10</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Air, Gas Or Electric Vibrating Screed	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Airtrac Drill Operator	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Ballast Regular Machine	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Batch Weighman	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Brick Pavers	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Brush Cutter	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Brush Hog Feeder	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Burner	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Caisson Worker	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Carpenter Tender	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Cement Dumper-paving	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Cement Finisher Tender	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Change House Or Dry Shack	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Chipping Gun (30 Lbs. And Over)	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Chipping Gun (Under 30 Lbs.)	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Choker Setter	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Chuck Tender	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Clary Power Spreader	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Clean-up Laborer	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Concrete Dumper/Chute Operator	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>

Lewis	<a href="#">Laborers</a>	Concrete Form Stripper	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Concrete Placement Crew	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Concrete Saw Operator/Core Driller	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Crusher Feeder	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Curing Laborer	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Demolition: Wrecking & Moving (Incl. Charred Material)	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Ditch Digger	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Diver	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Drill Operator (Hydraulic, Diamond)	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Dry Stack Walls	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Dump Person	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Epoxy Technician	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Erosion Control Worker	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Faller & Bucker Chain Saw	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Fine Graders	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Firewatch	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Form Setter	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Gabian Basket Builders	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	General Laborer	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Grade Checker & Transit Person	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Grinders	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Grout Machine Tender	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Groutmen (Pressure) Including Post Tension Beams	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Guardrail Erector	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Hazardous Waste Worker (Level A)	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Hazardous Waste Worker (Level B)	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Hazardous Waste Worker (Level C)	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	High Scaler	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Jackhammer	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Laserbeam Operator	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Maintenance Person	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Manhole Builder-Mudman	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Material Yard Person	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Motorman-Dinky Locomotive	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Nozzleman (Concrete Pump, Green Cutter When Using Combination Of High Pressure Air & Water On Concrete & Rock,	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>

		Sandblast, Guniting, Shotcrete, Water Blaster, Vacuum Blaster)					
Lewis	<a href="#">Laborers</a>	Pavement Breaker	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pilot Car	\$43.11	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Layer Lead	\$52.44	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Layer/Tailor	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Pot Tender	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Reliner	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Wrapper	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pot Tender	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Powderman	\$52.44	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Powderman's Helper	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Power Jacks	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Railroad Spike Puller - Power	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Raker - Asphalt	\$52.44	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Re-timberman	\$52.44	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Remote Equipment Operator	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Rigger/Signal Person	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Rip Rap Person	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Rivet Buster	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Rodder	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Scaffold Erector	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Scale Person	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Sloper (Over 20")	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Sloper Sprayer	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Spreader (Concrete)	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Stake Hopper	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Stock Piler	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Swinging Stage/Boatswain Chair	\$43.11	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tamper & Similar Electric, Air & Gas Operated Tools	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tamper (Multiple & Self-propelled)	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Timber Person - Sewer (Lagger, Shorer & Cribber)	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Toolroom Person (at Jobsite)	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Topper	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Track Laborer	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Track Liner (Power)	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Traffic Control Laborer	\$46.10	<u>7A</u>	<u>4V</u>	<u>9C</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Traffic Control Supervisor	\$46.10	<u>7A</u>	<u>4V</u>	<u>9C</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Truck Spotter	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tugger Operator	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed	\$120.61	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>



		Air Worker 0-30 psi					
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$125.64	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$129.32	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$135.02	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$137.14	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$142.24	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$144.14	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$146.14	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$148.14	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Guage and Lock Tender	\$52.54	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Guage and Lock Tender	\$52.54	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Vibrator	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Vinyl Seamer	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Watchman	\$39.18	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Welder	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Well Point Laborer	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Window Washer/Cleaner	\$39.18	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers - Underground Sewer &amp; Water</a>	General Laborer & Topman	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers - Underground Sewer &amp; Water</a>	Pipe Layer	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Landscape Construction</a>	Landscape Construction/Landscaping Or Planting Laborers	\$39.18	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Landscape Construction</a>	Landscape Operator	\$65.71	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Landscape Maintenance</a>	Groundskeeper	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Lathers</a>	Journey Level	\$62.44	<u>5D</u>	<u>1H</u>		<a href="#">View</a>
Lewis	<a href="#">Marble Setters</a>	Journey Level	\$58.82	<u>5A</u>	<u>1M</u>		<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Fitter	\$15.16		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Laborer	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Machine Operator	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Painter	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Welder	\$15.16		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Millwright</a>	Journey Level	\$63.94	<u>7A</u>	<u>4C</u>		<a href="#">View</a>

Lewis	<a href="#">Modular Buildings</a>	Cabinet Assembly	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Electrician	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Equipment Maintenance	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Plumber	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Production Worker	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Tool Maintenance	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Utility Person	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Welder	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Painters</a>	Journey Level	\$43.40	<u>6Z</u>	<u>2B</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Crew Tender	\$67.31	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Crew Tender/Technician	\$67.31	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 0- 30.00 PSI	\$77.93	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$82.93	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$86.93	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$91.93	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$94.43	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$99.43	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$101.43	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$103.43	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$105.43	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Journey Level	\$62.69	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Plasterers</a>	Journey Level	\$59.42	<u>7Q</u>	<u>1R</u>		<a href="#">View</a>
Lewis	<a href="#">Playground &amp; Park Equipment Installers</a>	Journey Level	\$12.00		1		<a href="#">View</a>
Lewis	<a href="#">Plumbers &amp; Pipefitters</a>	Journey Level	\$71.42	<u>5A</u>	<u>1G</u>		<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Asphalt Plant Operator	\$66.81	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Assistant Engineers	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Barrier Machine (zipper)	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Batch Plant Operator: Concrete	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Bobcat	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Brokk - Remote Demolition Equipment	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators</a>	Brooms	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Bump Cutter	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cableways	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Chipper	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Compressor	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Concrete Finish Machine - laser Screed	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Conveyors	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: 20 Tons Through 44 Tons With Attachments	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: 200 tons to 299 tons, or 250' of boom (including jib with attachments)	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: 300 tons and over, or 300' of boom (including jib with attachments)	\$68.84	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: A-frame - 10 Tons And Under	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: Friction 200 tons and over. Tower Cranes: over 250' in height from base to boom.	\$68.84	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: Friction cranes through 199 tons	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Crusher	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Deck Engineer/deck Winches (power)	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Derricks, On Building Work	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Dozers D-9 & Under	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators</a>	Drilling Machine	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Elevator And Man-lift: Permanent And Shaft Type	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Forklift: 3000 Lbs And Over With Attachments	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Forklifts: Under 3000 Lbs. With Attachments	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Gradechecker/stakeman	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Guardrail punch/Auger	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Horizontal/directional Drill Locator	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Horizontal/directional Drill Operator	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Hydralifts/Boom Trucks Over 10 Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Hydralifts/boom Trucks, 10 Tons And Under	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loader, Overhead 8 Yards. & Over	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loaders, Overhead Under 6 Yards	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loaders, Plant Feed	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loaders: Elevating Type Belt	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Locomotives, All	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Material Transfer Device	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Motor patrol graders	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Outside Hoists (elevators	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

		And Manlifts), Air Tuggers, strato					
Lewis	<a href="#">Power Equipment Operators</a>	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Overhead, Bridge Type: 100 Tons And Over	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Pavement Breaker	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Pile Driver (other Than Crane Mount)	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Plant Oiler - Asphalt, Crusher	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Posthole Digger, Mechanical	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Power Plant	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Pumps - Water	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Quad 9, HD 41, D10 And Over	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Rigger And Bellman	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Rigger/Signal Person, Bellman (Certified)	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Rollagon	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Roller, Other Than Plant Mix	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Roller, Plant Mix Or Multi-lift Materials	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Roto-mill, Roto-grinder	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Saws - Concrete	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Scraper, Self Propelled Under 45 Yards	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Scrapers - Concrete & Carry All	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Scrapers, Self-propelled: 45 Yards And Over	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Service Engineers - Equipment	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shotcrete/gunite Equipment	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel , Excavator, Backhoe, Tractors Under 15 Metric Tons.	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Slipform Pavers	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Spreader, Topsider & Screedman	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Subgrader Trimmer	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Tower Bucket Elevators	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Tower crane over 175' through 250' in height, base to boom	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Tower Crane Up: To 175' In Height, Base To Boom	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Transporters, All Track Or Truck Type	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Trenching Machines	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Truck Crane Oiler/driver - 100 Tons And Over	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Truck Crane Oiler/driver Under 100 Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Truck Mount Portable Conveyor	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Welder	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Wheel Tractors, Farmall Type	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Yo Yo Pay Dozer	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Asphalt Plant Operator	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Assistant Engineers	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Barrier Machine (zipper)	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Batch Plant Operator: Concrete	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Bobcat	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Brokk - Remote Demolition Equipment	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Brooms	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Bump Cutter	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cableways	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Chipper	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Compressor	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Finish Machine - laser Screed	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Conveyors	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes, 200 tons to 299 tons, or 250' of boom (including jib with attachments)	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes, Over 300 Tons, Or 300' Of Boom Including Jib With Attachments	\$68.84	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 20 Tons Through 44 Tons With Attachments	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	cranes: 300 tons and over, or 300' of boom (including jib with attachments)	\$68.84	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: A-frame - 10 Tons And Under	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: Friction 200 tons and over. Tower Cranes: over 250' in height from base to boom.	\$68.84	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: Friction cranes through 199 tons	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Crusher	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Deck Engineer/deck Winches (power)	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Derricks, On Building Work	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Dozers D-9 & Under	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drilling Machine	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Elevator And Man-lift: Permanent And Shaft Type	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Forklift: 3000 Lbs And Over With Attachments	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Forklifts: Under 3000 Lbs. With Attachments	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Gradechecker/stakeman	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Guardrail punch/Auger	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Horizontal/directional Drill Locator	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>



Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Horizontal/directional Drill Operator	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hydralifts/Boom Trucks Over 10 Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hydralifts/boom Trucks, 10 Tons And Under	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loader, Overhead 8 Yards. & Over	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders, Overhead Under 6 Yards	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders, Plant Feed	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders: Elevating Type Belt	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Locomotives, All	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Material Transfer Device	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Motor patrol graders	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, Bridge Type: 100 Tons And Over	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment</a>	Pavement Breaker	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

	<a href="#">Operators- Underground Sewer &amp; Water</a>						
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pile Driver (other Than Crane Mount)	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Plant Oiler - Asphalt, Crusher	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Posthole Digger, Mechanical	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Power Plant	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pumps - Water	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Quad 9, HD 41, D10 And Over	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rigger And Bellman	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rigger/Signal Person, Bellman (Certified)	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rollagon	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Roller, Other Than Plant Mix	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Roller, Plant Mix Or Multi-lift Materials	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Roto-mill, Roto-grinder	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Saws - Concrete	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Scraper, Self Propelled Under 45 Yards	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Scrapers - Concrete & Carry All	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground</a>	Scrapers, Self-propelled: 45 Yards And Over	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

	<a href="#">Sewer &amp; Water</a>						
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Service Engineers - Equipment	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shotcrete/gunite Equipment	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel , Excavator, Backhoe, Tractors Under 15 Metric Tons.	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Slipform Pavers	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Spreader, Topsider & Screedman	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Subgrader Trimmer	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower Bucket Elevators	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower crane over 175' through 250' in height, base to boom	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower Crane: Up To 175' In Height, Base To Boom	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Transporters, All Track Or Truck Type	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Trenching Machines	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck Crane Oiler/driver - 100 Tons And Over	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck Crane Oiler/driver Under 100 Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck Mount Portable Conveyor	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Welder	\$66.81	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Wheel Tractors, Farmall Type	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Yo Yo Pay Dozer	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Journey Level In Charge	\$50.96	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Spray Person	\$48.35	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Equipment Operator	\$50.96	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer	\$45.54	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer Groundperson	\$34.51	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$70.71	<u>5A</u>	<u>1G</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Brick Mason</a>	Journey Level	\$21.96		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Carpenters</a>	Journey Level	\$24.89		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Cement Masons</a>	Journey Level	\$16.79		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Drywall Applicators</a>	Journey Level	\$36.07		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Drywall Tapers</a>	Journey Level	\$24.48		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Electricians</a>	Journey Level	\$34.53	<u>5A</u>	<u>1B</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Glaziers</a>	Journey Level	\$25.40		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Insulation Applicators</a>	Journey Level	\$17.05		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Laborers</a>	Journey Level	\$23.10		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Marble Setters</a>	Journey Level	\$21.96		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Painters</a>	Journey Level	\$18.76		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Plumbers &amp; Pipefitters</a>	Journey Level	\$26.35		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$32.14		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Sheet Metal Workers</a>	Journey Level	\$33.28		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Soft Floor Layers</a>	Journey Level	\$14.86		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$20.28		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Stone Masons</a>	Journey Level	\$21.96		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Terrazzo Workers</a>	Journey Level	\$14.86		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Terrazzo/Tile Finishers</a>	Journey Level	\$14.86		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Tile Setters</a>	Journey Level	\$14.86		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Roofers</a>	Journey Level	\$52.87	<u>5A</u>	<u>2O</u>		<a href="#">View</a>

Lewis	<a href="#">Roofers</a>	Using Irritable Bituminous Materials	\$55.87	<a href="#">5A</a>	<a href="#">2O</a>		<a href="#">View</a>
Lewis	<a href="#">Sheet Metal Workers</a>	Journey Level (Field or Shop)	\$85.88	<a href="#">7F</a>	<a href="#">1E</a>		<a href="#">View</a>
Lewis	<a href="#">Sign Makers &amp; Installers (Electrical)</a>	Journey Level	\$18.04		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Sign Makers &amp; Installers (Non-Electrical)</a>	Journey Level	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Soft Floor Layers</a>	Journey Level	\$51.07	<a href="#">5A</a>	<a href="#">3J</a>		<a href="#">View</a>
Lewis	<a href="#">Solar Controls For Windows</a>	Journey Level	\$12.00		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$61.68	<a href="#">7J</a>	<a href="#">1R</a>		<a href="#">View</a>
Lewis	<a href="#">Stage Rigging Mechanics (Non Structural)</a>	Journey Level	\$13.23		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Stone Masons</a>	Journey Level	\$58.82	<a href="#">5A</a>	<a href="#">1M</a>		<a href="#">View</a>
Lewis	<a href="#">Street And Parking Lot Sweeper Workers</a>	Journey Level	\$16.00		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Surveyors</a>	Chain Person	\$65.11	<a href="#">7A</a>	<a href="#">3K</a>		<a href="#">View</a>
Lewis	<a href="#">Surveyors</a>	Instrument Persion	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>		<a href="#">View</a>
Lewis	<a href="#">Surveyors</a>	Party Chief	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>		<a href="#">View</a>
Lewis	<a href="#">Telecommunication Technicians</a>	Journey Level	\$43.19	<a href="#">6Z</a>	<a href="#">1B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Cable Splicer	\$41.81	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Hole Digger/Ground Person	\$23.53	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Installer (Repairer)	\$40.09	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Special Aparatus Installer I	\$41.81	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Special Apparatus Installer II	\$40.99	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Telephone Equipment Operator (Heavy)	\$41.81	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Telephone Equipment Operator (Light)	\$38.92	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Telephone Lineperson	\$38.92	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Television Groundperson	\$22.32	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Television Lineperson/Installer	\$29.60	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Television System Technician	\$35.20	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Television Technician	\$31.67	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Tree Trimmer	\$38.92	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Lewis	<a href="#">Terrazzo Workers</a>	Journey Level	\$54.06	<a href="#">5A</a>	<a href="#">1M</a>		<a href="#">View</a>
Lewis	<a href="#">Tile Setters</a>	Journey Level	\$54.06	<a href="#">5A</a>	<a href="#">1M</a>		<a href="#">View</a>
Lewis	<a href="#">Tile, Marble &amp; Terrazzo Finishers</a>	Finisher	\$44.89	<a href="#">5A</a>	<a href="#">1B</a>		<a href="#">View</a>

Lewis	<a href="#">Traffic Control Stripers</a>	Journey Level	\$47.68	<u>7A</u>	<u>1K</u>		<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Asphalt Mix Over 16 Yards	\$60.84	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Asphalt Mix Over 16 Yards (W. WA-Joint Council 28)	\$60.84	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Asphalt Mix Over 16 Yards (W. WA-Joint Council 28)	\$60.00	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Asphalt Mix To 16 Yards	\$60.00	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Asphalt Mix To 16 Yards (W. WA-Joint Council 28)	\$60.00	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Dump Truck	\$60.00	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Dump Truck & Trailer	\$60.84	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Dump Truck & Trailer	\$60.00	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Dump Truck (W. WA-Joint Council 28)	\$60.00	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Other Trucks	\$60.84	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Other Trucks (W. WA-Joint Council 28)	\$60.84	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Other Trucks (W. WA-Joint Council 28)	\$60.00	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers - Ready Mix</a>	Dump Trucks, side end and bottom dump, including semi-trucks and trains or combinations thereof: Less than 16 yd. capacity	\$60.00	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers - Ready Mix</a>	Transit Mix	\$60.84	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Irrigation Pump Installer	\$18.18		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Oiler	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Well Driller	\$18.00		<u>1</u>		<a href="#">View</a>

**Washington State Department of Labor and Industries  
Policy Statement  
(Regarding the Production of "Standard" or "Non-standard" Items)**

Below is the department's (State L&I's) list of criteria to be used in determining whether a prefabricated item is "standard" or "non-standard". For items not appearing on WSDOT's predetermined list, these criteria shall be used by the Contractor (and the Contractor's subcontractors, agents to subcontractors, suppliers, manufacturers, and fabricators) to determine coverage under RCW 39.12. The production, in the State of Washington, of non-standard items is covered by RCW 39.12, and the production of standard items is not. The production of any item outside the State of Washington is not covered by RCW 39.12.

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.
2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.
3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.
4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.
5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.
6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

Any firm with questions regarding the policy, WSDOT's Predetermined List, or for determinations of covered and non-covered workers shall be directed to State L&I at (360) 902-5330.

**WSDOT's  
Predetermined List for  
Suppliers - Manufactures - Fabricator**

Below is a list of potentially prefabricated items, originally furnished by WSDOT to Washington State Department of Labor and Industries, that may be considered non-standard and therefore covered by the prevailing wage law, RCW 39.12. Items marked with an X in the "YES" column should be considered to be non-standard and therefore covered by RCW 39.12. Items marked with an X in the "NO" column should be considered to be standard and therefore not covered. Of course, exceptions to this general list may occur, and in that case shall be evaluated according to the criteria described in State and L&I's policy statement.

<b>ITEM DESCRIPTION</b>	<b>YES</b>	<b>NO</b>
1. Metal rectangular frames, solid metal covers, herringbone grates, and bi-directional vaned grates for Catch Basin Types 1, 1L, 1P, and 2 and Concrete Inlets. See Std. Plans		<b>X</b>
2. Metal circular frames (rings) and covers, circular grates, and prefabricated ladders for Manhole Types 1, 2, and 3, Drywell Types 1, 2, and 3 and Catch Basin Type 2. See Std. Plans		<b>X</b>
3. Prefabricated steel grate supports and welded grates, metal frames and dual vaned grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See Std. Plans.		<b>X</b>
4. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes smaller than 60 inch diameter.		<b>X</b>
5. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes larger than 60 inch diameter.		<b>X</b>
6. Corrugated Steel Pipe - Steel lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, 1 thru 5.		<b>X</b>
7. Corrugated Aluminum Pipe - Aluminum lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, #5.		<b>X</b>



ITEM DESCRIPTION	YES	NO
8. Anchor Bolts & Nuts - Anchor Bolts and Nuts, for mounting sign structures, luminaries and other items, shall be made from commercial bolt stock. See Contract Plans and Std. Plans for size and material type.		<b>X</b>
9. Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type and material specifications set forth in the contract plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).	<b>X</b>	
10. Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.	<b>X</b>	
11. Minor Structural Steel Fabrication - Fabrication of minor steel Items such as special hangers, brackets, access doors for structures, access ladders for irrigation boxes, bridge expansion joint systems, etc., involving welding, cutting, punching and/or boring of holes. See Contact Plans for item description and shop drawings.	<b>X</b>	
12. Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the type and material specifications set forth in the Contract Plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).		<b>X</b>
13. Concrete Piling--Precast-Prestressed concrete piling for use as 55 and 70 ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..	<b>X</b>	
14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.		<b>X</b>
15. Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.		<b>X</b>
16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment sections. See Std. Plans.		<b>X</b>

ITEM DESCRIPTION	YES	NO
17. Precast Concrete Inlet - with adjustment sections, See Std. Plans		<b>X</b>
18. Precast Drop Inlet Type 1 and 2 with metal grate supports. See Std. Plans.		<b>X</b>
19. Precast Grate Inlet Type 2 with extension and top units. See Std. Plans		<b>X</b>
20. Metal frames, vaned grates, and hoods for Combination Inlets. See Std. Plans		<b>X</b>
21. Precast Concrete Utility Vaults - Precast Concrete utility vaults of various sizes. Used for in ground storage of utility facilities and controls. See Contract Plans for size and construction requirements. Shop drawings are to be provided for approval prior to casting		<b>X</b>
22. Vault Risers - For use with Valve Vaults and Utilities  X Vaults.		<b>X</b>
23. Valve Vault - For use with underground utilities. See Contract Plans for details.		<b>X</b>
24. Precast Concrete Barrier - Precast Concrete Barrier for use as new barrier or may also be used as Temporary Concrete Barrier. Only new state approved barrier may be used as permanent barrier.		<b>X</b>
25. Reinforced Earth Wall Panels – Reinforced Earth Wall Panels in size and shape as shown in the Plans. Fabrication plant has annual approval for methods and materials to be used. See Shop Drawing. Fabrication at other locations may be approved, after facilities inspection, contact HQ. Lab.	<b>X</b>	
26. Precast Concrete Walls - Precast Concrete Walls - tilt-up wall panel in size and shape as shown in Plans. Fabrication plant has annual approval for methods and materials to be used	<b>X</b>	

ITEM DESCRIPTION	YES	NO
27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.	<b>X</b>	
28. 12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	<b>X</b>	
29. Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	<b>X</b>	
30. Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	<b>X</b>	
31. Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core slab for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A.	<b>X</b>	
32. Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	<b>X</b>	
33. Monument Case and Cover See Std. Plan.		<b>X</b>

ITEM DESCRIPTION	YES	NO
34. Cantilever Sign Structure - Cantilever Sign Structure fabricated from steel tubing meeting AASHTO-M-183. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	<b>X</b>	
35. Mono-tube Sign Structures - Mono-tube Sign Bridge fabricated to details shown in the Plans. Shop drawings for approval are required prior to fabrication.	<b>X</b>	
36. Steel Sign Bridges - Steel Sign Bridges fabricated from steel tubing meeting AASHTO-M-138 for Aluminum Alloys. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	<b>X</b>	
37. Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication		<b>X</b>
38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.	<b>X</b>	
39. Light Standards - Lighting Standards for use on highway illumination systems, poles to be fabricated to conform with methods and materials as specified on Std. Plans. See Special Provisions for pre-approved drawings.	<b>X</b>	
40. Traffic Signal Standards - Traffic Signal Standards for use on highway and/or street signal systems. Standards to be fabricated to conform with methods and material as specified on Std. Plans. See Special Provisions for pre-approved drawings	<b>X</b>	
41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.		<b>X</b>

ITEM DESCRIPTION	YES	NO
42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the sources of the following materials must be submitted and approved for reflective sheeting, legend material, and aluminum sheeting. <b>NOTE:</b> *** Fabrication inspection required. Only signs tagged "Fabrication Approved" by WSDOT Sign Fabrication Inspector to be installed	<b>X</b>	<b>X</b>
	Custom Message	Std Signing Message
43. Cutting & bending reinforcing steel		<b>X</b>
44. Guardrail components	<b>X</b>	<b>X</b>
	Custom End Sec	Standard Sec
45. Aggregates/Concrete mixes	Covered by WAC 296-127-018	
46. Asphalt	Covered by WAC 296-127-018	
47. Fiber fabrics		<b>X</b>
48. Electrical wiring/components		<b>X</b>
49. treated or untreated timber pile		<b>X</b>
50. Girder pads (elastomeric bearing)	<b>X</b>	
51. Standard Dimension lumber		<b>X</b>
52. Irrigation components		<b>X</b>

ITEM DESCRIPTION	YES	NO
53. Fencing materials		<b>X</b>
54. Guide Posts		<b>X</b>
55. Traffic Buttons		<b>X</b>
56. Epoxy		<b>X</b>
57. Cribbing		<b>X</b>
58. Water distribution materials		<b>X</b>
59. Steel "H" piles		<b>X</b>
60. Steel pipe for concrete pile casings		<b>X</b>
61. Steel pile tips, standard		<b>X</b>
62. Steel pile tips, custom	<b>X</b>	

Prefabricated items specifically produced for public works projects that are prefabricated in a county other than the county wherein the public works project is to be completed, the wage for the offsite prefabrication shall be the applicable prevailing wage for the county in which the actual prefabrication takes place.

It is the manufacturer of the prefabricated product to verify that the correct county wage rates are applied to work they perform.

See RCW [39.12.010](#)

(The definition of "locality" in RCW [39.12.010](#)(2) contains the phrase "wherein the physical work is being performed." The department interprets this phrase to mean the actual work site.

## **WSDOT's List of State Occupations not applicable to Heavy and Highway Construction Projects**

This project is subject to the state hourly minimum rates for wages and fringe benefits in the contract provisions, as provided by the state Department of Labor and Industries.

The following list of occupations, is comprised of those occupations that are not normally used in the construction of heavy and highway projects.

When considering job classifications for use and / or payment when bidding on, or building heavy and highway construction projects for, or administered by WSDOT, these Occupations will be excepted from the included "Washington State Prevailing Wage Rates For Public Work Contracts" documents.

- Building Service Employees
- Electrical Fixture Maintenance Workers
- Electricians - Motor Shop
- Heating Equipment Mechanics
- Industrial Engine and Machine Mechanics
- Industrial Power Vacuum Cleaners
- Inspection, Cleaning, Sealing of Water Systems by Remote Control
- Laborers - Underground Sewer & Water
- Machinists (Hydroelectric Site Work)
- Modular Buildings
- Playground & Park Equipment Installers
- Power Equipment Operators - Underground Sewer & Water
- Residential \*\*\* ALL ASSOCIATED RATES \*\*\*
- Sign Makers and Installers (Non-Electrical)
- Sign Makers and Installers (Electrical)
- Stage Rigging Mechanics (Non Structural)

The following occupations may be used only as outlined in the preceding text concerning "WSDOT's list for Suppliers - Manufacturers - Fabricators"

- Fabricated Precast Concrete Products
- Metal Fabrication (In Shop)

Definitions for the Scope of Work for prevailing wages may be found at the Washington State Department of Labor and Industries web site and in WAC Chapter 296-127.

**Washington State Department of Labor and Industries  
Policy Statements  
(Regarding Production and Delivery of Gravel, Concrete, Asphalt, etc.)**

**WAC 296-127-018 Agency filings affecting this section**

**Coverage and exemptions of workers involved in the production and delivery of gravel, concrete, asphalt, or similar materials.**

(1) The materials covered under this section include but are not limited to: Sand, gravel, crushed rock, concrete, asphalt, or other similar materials.

(2) All workers, regardless of by whom employed, are subject to the provisions of chapter 39.12 RCW when they perform any or all of the following functions:

(a) They deliver or discharge any of the above-listed materials to a public works project site:

(i) At one or more point(s) directly upon the location where the material will be incorporated into the project; or

(ii) At multiple points at the project; or

(iii) Adjacent to the location and coordinated with the incorporation of those materials.

(b) They wait at or near a public works project site to perform any tasks subject to this section of the rule.

(c) They remove any materials from a public works construction site pursuant to contract requirements or specifications (e.g., excavated materials, materials from demolished structures, clean-up materials, etc.).

(d) They work in a materials production facility (e.g., batch plant, borrow pit, rock quarry, etc.) which is established for a public works project for the specific, but not necessarily exclusive, purpose of supplying materials for the project.

(e) They deliver concrete to a public works site regardless of the method of incorporation.

(f) They assist or participate in the incorporation of any materials into the public works project.



(3) All travel time that relates to the work covered under subsection (2) of this section requires the payment of prevailing wages. Travel time includes time spent waiting to load, loading, transporting, waiting to unload, and delivering materials. Travel time would include all time spent in travel in support of a public works project whether the vehicle is empty or full. For example, travel time spent returning to a supply source to obtain another load of material for use on a public works site or returning to the public works site to obtain another load of excavated material is time spent in travel that is subject to prevailing wage. Travel to a supply source, including travel from a public works site, to obtain materials for use on a private project would not be travel subject to the prevailing wage.

(4) Workers are not subject to the provisions of chapter 39.12 RCW when they deliver materials to a stockpile.

(a) A "stockpile" is defined as materials delivered to a pile located away from the site of incorporation such that the stockpiled materials must be physically moved from the stockpile and transported to another location on the project site in order to be incorporated into the project.

(b) A stockpile does not include any of the functions described in subsection (2)(a) through (f) of this section; nor does a stockpile include materials delivered or distributed to multiple locations upon the project site; nor does a stockpile include materials dumped at the place of incorporation, or adjacent to the location and coordinated with the incorporation.

(5) The applicable prevailing wage rate shall be determined by the locality in which the work is performed. Workers subject to subsection (2)(d) of this section, who produce such materials at an off-site facility shall be paid the applicable prevailing wage rates for the county in which the off-site facility is located. Workers subject to subsection (2) of this section, who deliver such materials to a public works project site shall be paid the applicable prevailing wage rates for the county in which the public works project is located.

[Statutory Authority: Chapter 39.12 RCW, RCW 43.22.051 and 43.22.270. 08-24-101, § 296-127-018, filed 12/2/08, effective 1/2/09. Statutory Authority: Chapters 39.04 and 39.12 RCW and RCW 43.22.270. 92-01-104 and 92-08-101, § 296-127-018, filed 12/18/91 and 4/1/92, effective 8/31/92.]

Benefit Code Key – Effective 8/31/2019 thru 4/1/2020

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**Overtime Codes**

**Overtime calculations** are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
  - B. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - D. The first two (2) hours before or after a five-eight (8) hour workweek day or a four-ten (10) hour workweek day and the first eight (8) hours worked the next day after either workweek shall be paid at one and one-half times the hourly rate of wage. All additional hours worked and all worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
  - G. The first ten (10) hours worked on Saturdays and the first ten (10) hours worked on a fifth calendar weekday in a four-ten hour schedule, shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - H. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions or equipment breakdown) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - I. All hours worked on Sundays and holidays shall also be paid at double the hourly rate of wage.
  - J. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage.
  - K. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
  - M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

**Overtime Codes Continued**

1. O. The first ten (10) hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays, holidays and after twelve (12) hours, Monday through Friday and after ten (10) hours on Saturday shall be paid at double the hourly rate of wage.
- P. All hours worked on Saturdays (except makeup days if circumstances warrant) and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- Q. The first two (2) hours after eight (8) regular hours Monday through Friday and up to ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays (except Christmas day) shall be paid at double the hourly rate of wage. All hours worked on Christmas day shall be paid at two and one-half times the hourly rate of wage.
- R. All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.
- S. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays and all other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays (except Labor Day) shall be paid at two times the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- V. All hours worked on Sundays and holidays (except Thanksgiving Day and Christmas day) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Thanksgiving Day and Christmas day shall be paid at double the hourly rate of wage.
- W. All hours worked on Saturdays and Sundays (except make-up days due to conditions beyond the control of the employer) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.
- Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.
- Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.

**Overtime Codes Continued**

2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
  - C. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at two times the hourly rate of wage.
  - F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.
  - G. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
  - H. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
  - O. All hours worked on Sundays and holidays shall be paid at one and one-half times the hourly rate of wage.
  - R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.
  - U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.
  - W. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The first eight (8) hours worked on the fifth day shall be paid at one and one-half times the hourly rate of wage. All other hours worked on the fifth, sixth, and seventh days and on holidays shall be paid at double the hourly rate of wage.
3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- A. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. Hours worked over twelve hours (12) in a single shift and all work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay. Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar (\$1.00) per hour for all hours worked that shift. The employer shall have the sole discretion to assign overtime work to employees. Primary consideration for overtime work shall be given to employees regularly assigned to the work to be performed on overtime situations. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
  - C. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays shall be paid at double the hourly rate of wage. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

**Overtime Codes Continued**

- 3. E. All hours worked Sundays and holidays shall be paid at double the hourly rate of wage. Each week, once 40 hours of straight time work is achieved, then any hours worked over 10 hours per day Monday through Saturday shall be paid at double the hourly wage rate.
- F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
- H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.
- J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- K. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.

4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

- A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.
- B. All hours worked over twelve (12) hours per day and all hours worked on holidays shall be paid at double the hourly rate of wage.
- C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

**Overtime Codes Continued**

- 4. D. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturday, Sundays and holidays shall be paid at double the hourly rate of pay. Rates include all members of the assigned crew.

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EXCEPTION:

On all multipole structures and steel transmission lines, switching stations, regulating, capacitor stations, generating plants, industrial plants, associated installations and substations, except those substations whose primary function is to feed a distribution system, will be paid overtime under the following rates:

The first two (2) hours after eight (8) regular hours Monday through Friday of overtime on a regular workday, shall be paid at one and one-half times the hourly rate of wage. All hours in excess of ten (10) hours will be at two (2) times the hourly rate of wage. The first eight (8) hours worked on Saturday will be paid at one and one-half (1-1/2) times the hourly rate of wage. All hours worked in excess of eight (8) hours on Saturday, and all hours worked on Sundays and holidays will be at the double the hourly rate of wage.

All overtime eligible hours performed on the above described work that is energized, shall be paid at the double the hourly rate of wage.

4. E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one and one half (1½) times the regular shift rate for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- F. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 20% over the hourly rate of wage. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- G. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- H. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, and all hours on Sunday shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- I. The First eight (8) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) per day on Saturdays shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- J. The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- L. The first twelve (12) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on a Saturday in excess of twelve (12) hours shall be paid at double the hourly rate of pay. All hours worked over twelve (12) in a day Monday through Friday, and all hours worked on Sundays shall be paid at double the hourly rate of wage. All hours worked on a holiday shall be paid at one and one-half times the hourly rate of wage, except that all hours worked on Labor Day shall be paid at double the hourly rate of pay.

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4. M. All hours worked on Sunday and Holidays shall be paid at double the hourly rate. Any employee reporting to work less than nine (9) hours from their previous quitting time shall be paid for such time at time and one-half times the hourly rate.
- N. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays, and all work performed between the hours of midnight (12:00 AM) and eight AM (8:00 AM) every day shall be paid at double the hourly rate of wage.
- O. All hours worked between midnight Friday to midnight Sunday shall be paid at one and one-half the hourly rate of wage. After an employee has worked in excess of eight (8) continuous hours in any one or more calendar days, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of six (6) hours or more. All hours worked on Holidays shall be paid at double the hourly rate of wage.
- P. All hours worked on Holidays shall be paid at one and one-half times the hourly rate of wage.
- Q. The first four (4) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday shall be paid at double the hourly rate. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- R. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- S. All hours worked on Saturdays and Holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays shall be paid at double the hourly rate of wage.
- T. The first two (2) hours of overtime for hours worked Monday-Friday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. For work on Saturday which is scheduled prior to the end of shift on Friday, the first six (6) hours work shall be paid at one and one-half times the hourly rate of wage, and all hours over (6) shall be paid double the hourly rate of wage. For work on Saturday which was assigned following the close of shift on Friday, all work shall be paid at double the hourly rate of wage.
- U. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. (Except on makeup days if work is lost due to inclement weather, then the first eight (8) hours on Saturday may be paid the regular rate.) All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- V. Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established or outside the normal shift (5 am to 6pm), and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.

In the event the job is down due to weather conditions, then Saturday may, be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All work performed on Sundays and holidays and work in excess of twelve (12) hours per day shall be paid at double (2x) the straight time rate of pay.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

When an employee returns to work without a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

## Benefit Code Key – Effective 8/31/2019 thru 4/1/2020

4. W. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

- X. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. Work performed outside the normal shift of 6 am to 6pm shall be paid at one and one-half the straight time rate, (except for special shifts or three shift operations). All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. Shifts may be established when considered necessary by the Employer.

The Employer may establish shifts consisting of eight (8) or ten (10) hours of work (subject to WAC 296-127-022), that shall constitute a normal forty (40) hour work week. The Employer can change from a 5-eight to a 4-ten hour schedule or back to the other. All hours of work on these shifts shall be paid for at the straight time hourly rate. Work performed in excess of eight hours (or ten hours per day (subject to WAC 296-127-022) shall be paid at one and one-half the straight time rate.

When due to conditions beyond the control of the Employer, or when contract specifications require that work can only be performed outside the regular day shift, then by mutual agreement a special shift may be worked at the straight time rate, eight (8) hours work for eight (8) hours pay. The starting time shall be arranged to fit such conditions of work.

When an employee returns to work without at a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

### Holiday Codes

5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).
- C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).
- I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- J. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve Day, And Christmas Day (7).
- K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).



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- 5. L. Holidays: New Year’s Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (8).
- N. Holidays: New Year's Day, Presidents’ Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9). If A Holiday Falls On Sunday, The Following Monday Shall Be Considered As A Holiday.
- Q. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- R. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, One-Half Day Before Christmas Day, And Christmas Day. (7 1/2).
- S. Paid Holidays: New Year's Day, Presidents’ Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, And Christmas Day (7).
- T. Paid Holidays: New Year's Day, Washington’s Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, Christmas Day, And The Day Before Or After Christmas (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).

**Holiday Codes Continued**

- 6. A. Paid Holidays: New Year’s Day, Presidents’ Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- E. Paid Holidays: New Year's Day, Day Before Or After New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and a Half-Day On Christmas Eve Day. (9 1/2).
- G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents’ Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).
- H. Paid Holidays: New Year's Day, New Year’s Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).
- I. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, And Christmas Day (7).
- T. Paid Holidays: New Year's Day, Presidents’ Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.

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7. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any Holiday Which Falls On A Sunday Shall Be Observed As A Holiday On The Following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

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7. L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- M. Paid Holidays: New Year's Day, The Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, And the Day after or before Christmas Day (10). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- R. Paid Holidays: New Year's Day, the day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day after or before Christmas Day (10). If any of the listed holidays fall on Saturday, the preceding Friday shall be observed as the holiday. If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- T. Paid Holidays: New Year's Day, the Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and The Day after or before Christmas Day. (10). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.
- X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken

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on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.

- 7. Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.
- Z. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

### **Holiday Codes Continued**

- 15. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the day before Christmas Day and Christmas Day. (8) Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- B. Holidays: New Year's Day, Martin Luther King Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day. (9)
- C. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the day before Christmas Day and Christmas Day. (8)
- D. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, and the day after Christmas.
- E. Holidays: the day before New Years's Day, New Year's Day, Martin Luther King, Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day. (12)

### **Note Codes**

- 8. D. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$0.75, Level B: \$0.50, And Level C: \$0.25.
- M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: \$1.00, Levels C & D: \$0.50.
- N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- P. Workers on hazmat projects receive additional hourly premiums as follows -Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, And Class D Suit \$0.50.
- Q. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

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8. S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: \$2.00, Class B Suit: \$1.50, And Class C Suit: \$1.00. Workers performing underground work receive an additional \$0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional \$0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do “pioneer” work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional \$0.50 per hour.
- V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.
- Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - \$2.00 per foot for each foot over 50 feet. Over 101' to 150' - \$3.00 per foot for each foot over 101 feet. Over 151' to 220' - \$4.00 per foot for each foot over 220 feet. Over 221' - \$5.00 per foot for each foot over 221 feet.
- Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25' to 300' - \$1.00 per foot from entrance. 300' to 600' - \$1.50 per foot beginning at 300'. Over 600' - \$2.00 per foot beginning at 600'.
- W. Meter Installers work on single phase 120/240V self-contained residential meters. The Lineman/Groundmen rates would apply to meters not fitting this description.
- X. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, and Class D Suit: \$0.50. Special Shift Premium: Basic hourly rate plus \$2.00 per hour.
- When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)
- Y. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.
- Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

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8. Z. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.

Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as a contractor), a government agency or the contract specifications require that more than (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they will be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

**Note Codes Continued**

9. A. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.

Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications require that more than four (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Certified Crane Operator Premium: Crane operators requiring certifications shall be paid \$0.50 per hour above their classification rate.

Boom Pay Premium: All cranes including tower shall be paid as follows based on boom length:

(A) – 130’ to 199’ – \$0.50 per hour over their classification rate.

(B) – 200’ to 299’ – \$0.80 per hour over their classification rate.

(C) – 300’ and over – \$1.00 per hour over their classification rate.

- B. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

- C. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.

# **APPENDIX B**

## **FEDERAL CONTRACT PROVISIONS**





## FEDERAL CONTRACT PROVISIONS

### State and Federal Laws to be Observed

It is the contractor's responsibility to comply with all state and federal laws in performing all tasks undertaken with this contract. All contracts awarded for this project shall contain the following provisions as applicable by Federal and State Law. The following sections are included for informational purposes, and are not professed to include all relevant laws. It is the contractor/s responsibility to comply with all laws

1. **Equal Employment Opportunity** – All contracts shall contain a provision requiring compliance with E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."
2. **Copeland "Anti-Kickback" Act (18 U.S.C. 874 and 40 U.S.C. 276c)** – All contracts and subgrants in excess of \$2,000 for construction or repair awarded by recipients and subrecipients shall include a provision for compliance with the Copeland "Anti-Kickback" Act (18 U.S.C. 874), as supplemented by Department of Labor regulations (29 CFR part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he is otherwise entitled. The recipient shall report all suspected or reported violations to the Federal awarding agency.
3. **Contract Work Hours and Safety Standards Act (40 U.S.C 327-333)** – Where applicable, all contracts awarded by recipients in excess of \$2,000 for construction contracts and in excess of \$2,500 for other contracts that involve the employment of mechanics or laborers shall include a provision for compliance with Sections 102 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), as supplemented by Department of Labor regulations (29 CFR part 5). Under Section 102 of the Act, each contractor shall be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than 1 ½ times the basic rate of pay for all hours worked in excess of 40 hours in the work week. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.
4. **Rights to Inventions Made Under a Contract or Agreement** – Contracts or agreements for the performance of experimental, developmental, or research work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

5. **Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.), as amended** – Contractors and subgrants of amounts in excess of \$100,000 shall contain a provision that requires the recipient to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251 et seq.) Violations shall be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).
6. **Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)** – Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose any lobbying in non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.
6. **Debarment and Suspension (E.O.s 12549 and 12689)** – No contract shall be made to parties listed on the General Services Administration’s List of Parties Excluded from Federal Procurement or Nonprocurement Programs in accordance with E.O.s 12549 and 12689, “Debarment and Suspension.” This list contains the names of parties debarred, suspended, or otherwise excluded by agencies, and contractors declared ineligible under statutory or regulatory authority other than E.O. 12549. Contractors with awards that exceed the small purchase threshold shall provide the required certification regarding its exclusion status and that of its principal employees.
7. **PUBLIC LAW 88-352, TITLE VI OF THE CIVIL RIGHTS ACT OF 1964(42 U.S.C. 2000d et seq.) (24 CFR Part 1)**. The APPLICANT must comply with the provisions of "Public Law 88-352," which refers to Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d et seq.). The law provides that no person in the United States shall, on the grounds of race, color or national origin, be denied the benefits of, be excluded from participation in, or be subjected to discrimination under any program or activity receiving federal financial assistance.
8. **SECTION 504 OF THE REHABILITATION ACT, 1973, AS AMENDED (29 U.S.C. 794)**. The APPLICANT must comply with Section 504 of the Rehabilitation Act of 1973, as amended, which provides that no otherwise qualified individual shall, solely by reason of his or her disability, be excluded from participation (including employment), denied program benefits or be subjected to discrimination under any program or activity receiving federal assistance funds.
9. **AMERICANS WITH DISABILITIES ACT (42 U.S.C. 12101, et seq.)** The APPLICANT shall comply with the provisions of the Americans with Disabilities Act, 42 U.S.C. 12101, et. seq. That Act provides a comprehensive national mandate to eliminate discrimination against individuals with disabilities. The Act may impose requirements on the APPLICANT in four principle ways: 1) with respect to employment; 2) with respect to the provision of public services; 3) with respect to transportation; 4) with respect to existing facilities and new construction.
10. **THE NATIONAL ENVIRONMENTAL POLICY ACT OF 1969 (NEPA) (42 U.S.C Section 4321 et seq., and 24 CFR Part 58)**. The APPLICANT shall comply with the provisions of the

National Environmental Policy Act of 1969. The purpose of this Act is to attain the widest use of the environment without degradation, risk to health or safety, or other undesirable and unintended consequences. Environmental review procedures, including determining and publishing a Finding of Significance or of No Significance for a proposal, are a necessary part of this process. Pursuant to these provisions, the APPLICANT must also submit environmental certifications to the DEPARTMENT when requesting that funds be released for the project. The APPLICANT must certify that the proposed project will not significantly impact the environment and that the APPLICANT has complied with environmental regulations and fulfilled its obligations to give public notice of the funding request, environmental findings and compliance performance.

**11. EXECUTIVE ORDER 11990, MAY 24, 1977: PROTECTION OF WETLANDS (42 F.R. 26961 et seq.)** The APPLICANT shall comply with Executive Order 11990. The intent of this Executive Order is (1) to avoid, to the extent possible, adverse impacts associated with the destruction or modification of wetland, and (2) to avoid direct or indirect support of new construction in wetlands wherever there is a practical alternative.

The APPLICANT, to the extent permitted by law, must avoid undertaking or providing assistance for new construction located in wetlands unless (1) there is no practical alternative to such construction, and (2) the proposed action includes all practical measures to minimize harm to wetlands which may result from such use. In making this determination, the APPLICANT may take into account economic, environmental and other pertinent factors.

**12. EXECUTIVE ORDER 11988, MAY 24, 1977: FLOODPLAIN MANAGEMENT (42 F.R. 26951 et seq.)** The APPLICANT shall comply with the provisions of Executive Order 11988. The intent of this Executive Order is to (1) avoid, to the extent possible, adverse impacts associated with the occupancy and modification of floodplains, and (2) avoid direct or indirect support of floodplain development wherever there is a practical alternative. If the APPLICANT proposes to conduct, support or allow an action to be located in a floodplain, the APPLICANT must consider alternatives to avoid adverse effects and incompatible involvement in the floodplain. If siting in a floodplain is the only practical alternative, the APPLICANT must, prior to taking any action (1) design or modify its actions in order to minimize any potential harm to the floodplain, and (2) prepare and circulate a notice containing an explanation of why the action is proposed to be located in a floodplain.

**13. THE WILD AND SCENIC RIVERS ACT OF 1968, AS AMENDED (16 U.S.C. 1271 et seq.)** The APPLICANT shall comply with the Wild and Scenic Rivers Act. The purpose of this Act is to preserve selected rivers or sections of rivers in their free-flowing condition, to protect the water quality of such rivers and to fulfill other vital national conservation goals. Federal assistance by loan, grant, license, or other mechanism cannot be provided to water resources construction projects that would have a direct and adverse effect on any river included or designated for study or inclusion in the National Wild and Scenic River System.

**14. COASTAL ZONE MANAGEMENT ACT OF 1972, AS AMENDED (16 U.S.C. 1451 et seq.)** The APPLICANT shall comply with the Coastal Zone Management Act of 1972, as amended. The intent of this Act is to preserve, protect, develop, and where possible, restore or enhance the resources of the nation's coastal zone. Federal agencies cannot approve assistance for proposed projects that are inconsistent with the state's Coastal Zone Management program except upon a

finding by the U.S. Secretary of Commerce that such a project is consistent with the purpose of this chapter or necessary in the interests of national security.

- 15. THE ENDANGERED SPECIES ACT OF 1973, AS AMENDED (16 U.S.C. 1531 et seq.).** The APPLICANT shall comply with the Endangered Species Act of 1973, as amended. The intent of this Act is to ensure that all federally assisted projects seek to preserve endangered or threatened species. Federally authorized and funded projects must not jeopardize the continued existence of endangered and threatened species or result in the destruction of or modification of habitat of such species which is determined by the U.S. Department of the Interior, after consultation with the state, to be critical.
- 16. THE RESERVOIR SALVAGE ACT OF 1960, AS AMENDED BY THE ARCHAEOLOGICAL AND HISTORIC PRESERVATION ACT OF 1974 (16 U.S.C. 469 et seq.).** Under the Reservoir Salvage Act, the APPLICANT must comply with provisions for the preservation of historical and archaeological data (including relics and specimens) that might otherwise be irreparably lost or destroyed as a result of any alteration of the terrain caused as a result of any federal construction project or federally licensed activity or program. Whenever the APPLICANT finds, or is notified in writing by an appropriate historical or archaeological authority, that its activities in connection with any federal funded construction project or federally licensed project, activity or program may cause irreparable loss or destruction of significant scientific, prehistoric, historical or archaeological data, the APPLICANT must stop work immediately and must notify the U.S. Secretary of Interior and the Department in writing and provide appropriate information concerning the project or program activity.
- 17. THE ARCHAEOLOGICAL AND HISTORICAL DATA PRESERVATION ACT OF 1974 (16 U.S.C. 469 a-1 et seq.).** The APPLICANT shall comply with the Archaeological and Historical Data Preservation Act, which provides for the preservation of historic and archaeological information that would be lost due to development and construction activities as a result of federally funded activities.
- 18. THE SAFE DRINKING WATER ACT OF 1974, AS AMENDED (42 U.S.C. Section 201, 300(f) et seq., and U.S.C. Section 349).** The APPLICANT must comply with the Safe Drinking Water Act, as amended, which is intended to protect underground sources of water. No commitment for federal financial assistance, according to this Act, shall be entered into for any project, which the U.S. Environmental Protection Agency determines, may contaminate an aquifer that is the sole or principal drinking water source for an area.
- 19. THE FEDERAL WATER POLLUTION CONTROL ACT OF 1972, AS AMENDED, INCLUDING THE CLEAR WATER ACT OF 1977, PUBLIC LAW 92-212 (33 U.S.C. SECTION 1251 et seq.).** The APPLICANT must assure compliance with the Water Pollution Control Act, as amended, which provides for the restoration of chemical, physical and biological integrity of the nation's water.
- 20. THE SOLID WASTE DISPOSAL ACT, AS AMENDED BY THE RESOURCE CONSERVATION AND RECOVERY ACT OF 1976 (42 U.S.C. SECTION 6901 et seq.)**  
The APPLICANT must assure compliance with the Solid Waste Disposal Act, as amended. The purpose of this Act is to promote the protection of health and the environment and to conserve valuable material and energy resources.

- 21. THE FISH AND WILDLIFE COORDINATION ACT OF 1958, AS AMENDED (16 U.S.C. SECTION 661 et seq.)** The APPLICANT must assure compliance with the Fish and Wildlife Coordination Act, as amended. The Act assures that wildlife conservation receives equal consideration and is coordinated with other features of water resources development programs.
- 22. RELOCATION ASSISTANCE AND REAL PROPERTY ACQUISITION POLICY, CHAPTER 8.26 RCW.** The APPLICANT shall comply with the provisions of Chapter 8.26 RCW and Chapter 365-24 WAC when its activities involve any acquisition of real property assisted under this Grant Agreement or the displacement of any family, individual, business, nonprofit organization or farm that results from such acquisition.
- 23. STATE ENVIRONMENTAL POLICY ACT (SEPA), CHAPTER 43.21 (C) RCW.** The APPLICANT shall comply with the provisions of Chapter 43.21(C) RCW and Chapter 197-11 WAC, the guidelines by which local agencies will (1) require environmental checklists from private and public entities considering an action potentially subject to the Environmental Impact Statement (EIS) requirement of SEPA, (2) make "threshold determinations" that such an action will not have a significant environmental impact, (3) provide for the preparation of a draft and final EIS if the action has significant impact, and (4) circulate the EIS to other agencies and interested parties.
- 24. NOISE CONTROL, CHAPTER 70.107 RCW.** The APPLICANT shall assure compliance with the state Noise Control Act. Objectives of the Act are to assist local governments in implementing local noise ordinances and to control and reduce excessive noise in Washington.
- 25. SHORELINE MANAGEMENT ACT OF 1971, CHAPTER 90.58 RCW.** The APPLICANT shall comply with the provisions of Chapter 90.58 RCW. This Act defines a planning program and a permit system, which are initiated at the local government level under state guidance. Its purpose is to protect and enhance the state's shoreline and it includes a comprehensive shoreline inventory process and a master program for regulation of shoreline uses. A permit application at the local level must be in compliance with those plans and consistent with the state Coastal Zone Management program if substantial developments and shoreline modifications occur, and a record of the application and decision must be submitted to the state.
- 26. STATE BUILDING CODE, CHAPTER 19.27 RCW; ENERGY RELATED BUILDING STANDARDS, CHAPTER 19.27A RCW; AND PROVISIONS IN BUILDINGS FOR AGED AND HANDICAPPED PERSONS, CHAPTER 70.92 RCW.** The APPLICANT shall comply with the provisions of Chapter 19.27 RCW, Chapter 19.27A RCW, Chapter 70.92 RCW and the regulations for building construction and for barrier free facilities adopted by the Washington State Building Code Council pursuant to these statutes.

The State Building Code Act provides for a uniform state building code and mandates counties, cities and towns to administer and enforce its provisions. Local governments are authorized to modify the state building code to fit local conditions as long as such modifications do not result in a code that is less than the minimum performance standards and objectives contained in the state code.

**27. OPEN PUBLIC MEETINGS ACT, CHAPTER 42.30 RCW.** The APPLICANT shall comply with provisions of Chapter 42.30 RCW which require that all meetings of the governing body which pertain to this Grant Agreement shall be open to the public except those where specific provision is made for executive sessions pursuant to RCW 42.30.110.

**28. LAW AGAINST DISCRIMINATION, CHAPTER 49.60 RCW.** The APPLICANT shall comply with the provisions of Chapter 49.60 RCW in all activities relating to this Grant Agreement.

**29. GOVERNOR'S EXECUTIVE ORDER 89-10, DECEMBER 11, 1989: PROTECTION OF WETLANDS, AND GOVERNOR'S EXECUTIVE ORDER 90-04, APRIL 21, 1990: PROTECTION OF WETLANDS.** The APPLICANT shall ensure that it avoids any activities that would adversely affect wetlands and adequately mitigates unavoidable impacts. For the purposes of this requirement, except where a contrary definition is provided by statute, mitigation means: (1) avoiding the impact altogether by not taking certain action or part of an action; (2) minimizing impacts by limiting the degree or magnitude of the action and its implementation, by using appropriate technology, or by taking affirmative steps to avoid or reduce impacts; (3) rectifying the impact by repairing, rehabilitating, or restoring the affected environment; (4) reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action; (5) compensating for the impact by replacing, enhancing, or providing substitute resources or environments; and (6) monitoring the impact and taking appropriate corrective measures.

Mitigation for individual actions may include a combination of the above measures. Mitigation may not include any of the above measures to the extent that they may be contrary to statute as applied under the particular circumstances. Emergency work that is essential to save lives and protect property and public health is exempt from these provisions.

## **APPENDIX C**

### **BID PROPOSAL DOCUMENTS**

#### **INCLUDING:**

**Notice to Contractor**

**Proposal Form**

**Non-Collusion Declaration**

**Proposal Signature Page**







## Lewis County Department of Public Work

Tim Fife, PE, Director / County Engineer  
Malcom Bowie, PE, Assistant County Engineer

### NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN that the Board of County Commissioners of Lewis County or designee, will open sealed proposals and publicly read them aloud on or after 11:00 a.m. on **Tuesday, October 15, 2019**, at the Lewis County Courthouse, Chehalis, Washington, for the Sand Sheds Construction Project.

#### **SEALED BIDS MUST BE DELIVERED BY OR BEFORE 11:00 A.M. on Tuesday, October 15, 2019**

(Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners.  
**Bids submitted after 11:00 AM will not be considered for this project.**)

Sealed proposals must be delivered to the Clerk of the Board of Lewis County Commissioners (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532), by or before **11:00 A.M.** on the date specified for opening, and in an envelope clearly marked: **"SEALED BID FOR THE SAND SHEDS CONSTRUCTION PROJECT, COUNTY PROJECT NO. 90-17F509100443B, FEMA P.W. 238, TO BE OPENED ON OR AFTER 11:00 A.M. ON OCTOBER 15, 2019.**

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check, cashier's check or surety bond in an amount equal to five percent (5%) of the amount of such bid proposal. Should the successful bidder fail to enter into such contract and furnish satisfactory performance bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to the Lewis County Public Works Department.

Informational copies of maps, plans and specifications are on file for inspection in the office of the County Engineer of Lewis County in Chehalis, Washington. The contract documents may be viewed and downloaded from Lewis County's Web Site @ [www.lewiscountywa.gov/](http://www.lewiscountywa.gov/) or you may call the Lewis County Engineers office @ (360)740-2612 and request a copy be mailed to you. All Contractor questions and Lewis County clarifying answers will be posted on our website and emailed to all Contractors registered on Lewis County's Planholder List. Plan or specification changes shall be accomplished through official project addendums.

The Lewis County Public Works Department 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 insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 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, or national origin, or sex in consideration for an award.



## PROPOSAL

TO: BOARD OF COUNTY COMMISSIONERS  
LEWIS COUNTY  
CHEHALIS, WASHINGTON 98532

This certifies that the undersigned has examined the location of the Sand Sheds Construction Project, FEMA Project No. DR 4309 PW 238, County Project No. 90-17F509100443B, in Lewis County, Washington, and that the plans, specifications and contract governing the work embraced in these improvements, and the method by which payment will be made for said work is understood. The undersigned hereby proposes to undertake and complete the work embraced in this improvement, or as much thereof as can be completed with the money available in accordance with the said plans, specifications and contract, and the following schedules of rates and prices:

NOTE: Unit prices for all items, all extensions, and total amount of bid shall be shown: All entries must be typed or entered in ink.

ITEM NO.	PLAN QUANTITY	ITEM DESCRIPTION	UNIT PRICE DOLLARS CENTS	AMOUNT DOLLARS CENTS
1A	1 L.S.	MOBILIZATION	LUMP SUM	\$ _____
1B	1 L.S.	SAND SHED BUILDING PACKAGE (LINCOLN CR. SITE)	LUMP SUM	\$ _____
1C	18 L.F.	20 INCH DIAM. SONOTUBE FOOTING	\$ _____	\$ _____
1D	9 L.F.	24 INCH DIAM. SONOTUBE FOOTING	\$ _____	\$ _____
1E	43 L.F.	30 INCH DIAM. SONOTUBE FOOTING	\$ _____	\$ _____
1F	25 L.F.	32 INCH DIAM. SONOTUBE FOOTING	\$ _____	\$ _____
2A	1 L.S.	MOBILIZATION	LUMP SUM	\$ _____
2B	1 L.S.	SAND SHED BUILDING PACKAGE (LEBO SITE)	LUMP SUM	\$ _____
2C	18 L.F.	20 INCH DIAM. SONOTUBE FOOTING	\$ _____	\$ _____
2D	9 L.F.	24 INCH DIAM. SONOTUBE FOOTING	\$ _____	\$ _____
2E	43 L.F.	30 INCH DIAM. SONOTUBE FOOTING	\$ _____	\$ _____
2F	25 L.F.	32 INCH DIAM. SONOTUBE FOOTING	\$ _____	\$ _____
3A	1 L.S.	MOBILIZATION	LUMP SUM	\$ _____
3B	1 L.S.	SAND SHED BUILDING PACKAGE (MINERAL CR. SITE)	LUMP SUM	\$ _____
3C	29 L.F.	30 INCH DIAM. SONOTUBE FOOTING	\$ _____	\$ _____
3D	7 L.F.	32 INCH DIAM. SONOTUBE FOOTING	\$ _____	\$ _____
3E	15 L.F.	42 INCH DIAM. SONOTUBE FOOTING	\$ _____	\$ _____
3F	15 L.F.	52 INCH DIAM. SONOTUBE FOOTING	\$ _____	\$ _____
			<b>SUB-TOTAL</b>	\$ _____
			Sales Tax @ 7.8%	\$ _____
			<b>TOTAL BID</b>	\$ _____



Local Agency Name <b>Lewis County Public Works</b>
Local Agency Address 2025 NE Kresky Ave. Chehalis, WA 98532

# Local Agency Subcontractor List

*Prepared in compliance with RCW 39.30.060 as amended*

To Be Submitted with the Bid Proposal

Project Name Sand Sheds Construction Project

Failure to list subcontractors with whom the bidder, if awarded the contract, will directly subcontract for performance of the work of heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical, as described in Chapter 19.28 RCW or naming more than one subcontractor to perform the same work will result in your bid being non-responsive and therefore void.

Subcontractor(s) with whom the bidder will directly subcontract that are proposed to perform the work of heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical as described in Chapter 19.28 RCW **must** be listed below. The work to be performed is to be listed below the subcontractor(s) name.

**To the extent the Project includes one or more categories of work referenced in RCW 39.30.060, and no subcontractor is listed below to perform such work, the bidder certifies that the work will either (i) be performed by the bidder itself, or (ii) be performed by a lower tier subcontractor who will not contract directly with the bidder.**

Subcontractor Name \_\_\_\_\_  
 Work to be Performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
 Work to be Performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
 Work to be Performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
 Work to be Performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
 Work to be Performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\* Bidder's are notified that is the opinion of the enforcement agency that PVC or metal conduit, junction boxes, etc, are considered electrical equipment and therefore considered part of electrical work, even if the installation is for future use and no wiring or electrical current is connected during the project.



## **NON-COLLUSION DECLARATION**

**I, by signing the proposal, hereby declare, under penalty of perjury under the laws of the United States that the following statements are true and correct:**

1. That the undersigned person(s), firm, association or corporation has (have) not, either directly or indirectly, entered into any agreement, participation in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the project for which this proposal is submitted.
2. **That by signing the signature page of this proposal, I am deemed to have signed and have agreed to the provisions of this declaration.**

## **NOTICE TO ALL BIDDERS**

To report bid rigging activities

**1-800-424-9071**

The U.S. Department of Transportation (USDOT) operates the above toll-free “hotline” Monday through Friday, 8:00 a.m. to 5:00 p.m., eastern time. Anyone with knowledge of possible bid rigging, bid collusion, or other fraudulent activities should use the “hotline” to report such activities.

The “hotline” is part of USDOT’s continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the USDOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

DOT Form 272-036H  
Revised 10/94

**PROPOSAL - SIGNATURE PAGE**

The bidder is hereby advised that by signature of this proposal he/she is deemed to have acknowledged all requirements and signed all certificates contained herein.

A proposal guaranty in an amount of five percent (5%) of the total bid, based upon the approximate estimate of quantities at the above prices and in the form as indicated below, is attached hereto:

CASH  IN THE AMOUNT OF \_\_\_\_\_

CASHIER'S CHECK  \_\_\_\_\_ DOLLARS

CERTIFIED CHECK  (\$ \_\_\_\_\_) PAYABLE TO THE LEWIS COUNTY TREASURER

PROPOSAL BOND  IN THE AMOUNT OF 5% OF THE BID

\*\* Receipt is hereby acknowledged of addendum(s) No.(s) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, & \_\_\_\_\_

SIGNATURE OF AUTHORIZED OFFICIAL(S)

***Proposal Must be Signed***

\_\_\_\_\_

Firm Name

\_\_\_\_\_

Address

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

State of Washington Contractor's License No.

\_\_\_\_\_

Unified Business Identifier (U.B.I.) No.

\_\_\_\_\_

Federal ID No.

\_\_\_\_\_

**Note:**

This proposal form is not transferable and any alteration of the firm's name entered hereon without prior permission from the Lewis County Engineer will be cause for considering the proposal irregular and subsequent rejection of the bid.

\* Attach Power of Attorney







## **APPENDIX D**

### **CONTRACT DOCUMENTS**

#### **INCLUDING:**

**Contract Form**

**Performance Bond**

**Power Equipment List**



# CONTRACT

THIS AGREEMENT, made and entered into this \_\_\_ day of \_\_\_\_\_, 2019, between the BOARD OF COUNTY COMMISSIONERS of LEWIS COUNTY, State of Washington, acting under and by virtue of RCW 36.77.040, hereinafter called

the Board, and \_\_\_\_\_ of \_\_\_\_\_

for \_\_\_sel\_\_\_, heirs, executors, administrators, successors and assigns, hereinafter called the Contractor.

## WITNESSETH:

That in consideration of the payments, covenants and agreements hereinafter mentioned to be made and performed by the parties hereto, the parties hereto covenant and agree as follows:

## DESCRIPTION OF WORK:

1. The Contractor shall do all work and furnish all material necessary to Construct Sand Sheds Construction Project (as Specified), and other work all in Lewis County Washington, in accordance with and as described in the attached plans and specifications, and in full compliance with the terms, conditions and stipulations herein set forth and attached, now referred to and by such reference incorporated herein and made a part hereof as fully for all purposes as if here set forth at length, and shall perform any alterations in or additions to the work covered by this contract and every part thereof and any extra work which may be ordered as provided in this contract and every part thereof.

The Contractor shall provide and be at the expense of all materials, labor, carriage, tools, implements and conveniences and things of every description that may be requisite for the transfer of materials and for constructing and completing the work provided for in this contract and every part thereof.

2. The County hereby promises and agrees with the Contractor to hire and does hire the Contractor to provide the materials and to do and cause to be done the above described work and to complete and furnish the same according to the attached plans and specifications and the terms and conditions herein contained, and hereby contracts to pay for the same according to the schedule of unit or itemized prices at the time and in the manner and upon the conditions provided for in this contract and every part thereof. The County further agrees to hire the contractor to perform any alterations in or conditions to the work covered by this contract and every part thereof and any force account work that may be ordered and to pay for the same under the terms of this contract and the attached plans and specifications.

3. The Contractor for himself, and for his heirs, executors, administrators, successors and assigns, does hereby agree to the full performance of all the covenants herein contained upon the part of the Contractor.

4. It is further provided that no liability shall attach to the County by reason of entering into this contract, except as expressly provided herein.

**Contract - 1**

5. CANCELLATION OF CONTRACT FOR VIOLATION OF STATE POLICY

This contract, pursuant to RCW 49.28.040 to RCW 49.28.060, may be canceled by the officers or agents of the Owner authorized to contract for or supervise the execution of such work, in case such work is not performed in accordance with the policy of the State of Washington.

6. DOCUMENTS COMPRISING CONTRACT

All documents hereto attached, including but not being limited to the advertisement for bids, information for bidders, bid proposal form, general conditions (if any), special conditions (if any), complete specifications and the complete plans, are hereby made a part of this contract.

IN WITNESS WHEREOF, the said Contractor has executed this instrument, and the said Board of County Commissioners of aforesaid County, pursuant to resolution duly adopted, has caused this instrument to be executed by and in the name of said Board by its Chairman, duly attested by its Clerk, the day and year first above written, and the seal of said Board to be hereunto affixed on the date in this instrument first above written.

\_\_\_\_\_

By: \_\_\_\_\_

\_\_\_\_\_

Contractor

Performance of foregoing contract assured in accordance with the terms of the accompanying bond.

Dated: \_\_\_\_\_, 2019

By: \_\_\_\_\_

Surety

By: \_\_\_\_\_

Attorney-in-fact

APPROVED AS TO FORM:

JONATHAN L. MEYER, Prosecuting Attorney

By: \_\_\_\_\_

Civil Deputy

APPROVED:

\_\_\_\_\_

County Engineer

**PERFORMANCE BOND FOR  
LEWIS COUNTY, WASHINGTON**

**Bond No.** \_\_\_\_\_

WE, \_\_\_\_\_ d/b/a \_\_\_\_\_  
(Insert legal name of Contractor) (Insert trade name of Contractor, if any)

(hereinafter "Principal"), and \_\_\_\_\_ (hereinafter "Surety"), are held and firmly bound unto **LEWIS COUNTY, WASHINGTON** (hereinafter "County"), as Obligee, in an amount (in lawful money of the United States of America) equal to the total compensation and expense reimbursement payable to Principal for satisfactory completion of Principal's work under Contract No. **90-17F509100443B, FEMA P.W. 238**, between Principal and County, which total is *initially* \_\_\_\_\_ Dollars (\$ \_\_\_\_\_), for the payment of which sum Principal and Surety bind themselves, their executors, administrators, legal representatives, successors and assigns, jointly and severally, firmly by these presents. Said contract (hereinafter referred to as "the Contract") is for the **Sand Sheds Construction Project** and is made a part hereof by this reference. The Contract includes the original agreement as well as all documents attached thereto or made a part thereof and amendments, change orders, and any other document modifying, adding to or deleting from said Contract any portion thereof.

This Bond is executed in accordance with the laws of the State of Washington, and is subject to all provisions thereof and the ordinances of County insofar as they are not in conflict therewith, and is entered into for the use and benefit of County, and all laborers, mechanics, subcontractors, and materialmen, and all persons who supply such person or persons, or subcontractors, with provisions or supplies for the carrying on of the work covered by Contract No. **90-17F509100443B, FEMA P.W. 238**, between the below-named Contractor and County for the **Sand Sheds Construction Project**, a copy of which Contract, by this reference is made a part hereof and is hereinafter referred to as "the Contract." (The Contract as defined herein includes the aforesaid agreement together with all of the Contract documents including addenda, exhibits, attachments, modifications, alterations, and additions thereto, deletions therefrom, amendments and any other document or provision attached to or incorporated into the Contract)

**THE CONDITION OF THIS OBLIGATION** is such that if Contractor shall promptly and faithfully perform the Contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

**THE PARTIES FURTHER ACKNOWLEDGE & AGREE AS FOLLOWS:**

- (1) Surety hereby consents to, and waives notice of, any alteration, change order, or other modification of the Contract and any extension of time made by County, except that any single or cumulative change order amounting to more than twenty-five percent (25%) of the penal sum of this bond shall require Surety's written consent.
- (2) Surety recognizes that the Contract includes provisions for additions, deletions, and modifications to the work or Contract Time and the amounts payable to Contractor. Subject to the limitations contained in paragraph (1) above, no such change or any combination thereof, shall void or impair Surety's obligation hereunder.
- (3) Surety is subject to the provisions contained in Section 1-03.4, "Contract Bond," of the Washington State Department of Transportation (WSDOT) Standard Specifications for Road, Bridge, and Municipal Construction. A copy may be viewed at WSDOT's website [www.wsdot.wa.gov/fasc/EngineeringPublications/Manuals/](http://www.wsdot.wa.gov/fasc/EngineeringPublications/Manuals/).
- (4) Whenever County has declared Contractor to be in default and County has given Surety written notice of such declaration, Surety shall promptly (in no event more than thirty [30] days following receipt of such notice), specify, in written notice to County, which of the following actions Surety intends to take to remedy such default, and thereafter shall:
  - (a) Remedy the default within fifteen (15) days after its notice to County, as stated in such notice; or
  - (b) Assume within fifteen (15) days following its notice to County, full responsibility for the completion of the Contract in accordance with all of its provisions, as stated in such notice, and become entitled to payment of the balance of the Contract sum as provided in the Contract; or
  - (c) Pay County upon completion of the Contract, in cash, the cost of completion together with all other reasonable costs and expenses incurred by County as a result of Contractor's default, including but not limited to those incurred by County to mitigate its losses, which may include but are not limited to attorneys' fees and the cost of efforts to complete the work prior to Surety's exercising any option available to it under this Bond; or
  - (d) Obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon a determination by County and Surety jointly of the lowest responsible bidder, arrange for one or more agreements between such bidder and County, and make available as work progresses (even though there is a default or a succession of defaults under such agreement(s) for completion arranged for under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract price, but not exceeding, including other costs and damages for which Surety may be liable hereunder, the penal sum of this Bond. The term "balance of the Contract price," as used in this paragraph, shall mean the total amount payable by County to Contractor under the Contract, less the amount properly paid by County to Contractor.

(5) If County commences suit and obtains judgment against Surety for recovery hereunder, then Surety, in addition to such judgment, shall pay all costs and attorneys' fees incurred by County in enforcement of County's rights hereunder. The venue for any action arising out of or in connection with this bond shall be in Lewis County, Washington.

(6) No right or action shall accrue on this Bond to or for the use of any person or corporation other than Lewis County, except as herein provided.

(7) No rider, amendment or other document modifies this Bond except as follows, which by this reference is incorporated herein:

**SURETY'S QUALIFICATIONS:** Every Surety named on this bond must appear on the United States Treasury Department's most current list (Circular 570 as amended or superseded) and be authorized by the Washington State Insurance Commissioner to transact business as a surety in the State of Washington. In addition, the Surety must have a current rating of at least A-VII in A. M. Best's Key Rating Guide.

**INSTRUCTIONS FOR SIGNATURES:** This bond must be signed by the president or a vice-president of a corporation; the managing general partner of a partnership; managing joint venturer of a joint venture; manager of a limited liability company or, if no manager has been designated, a member of such LLC; a general partner of a limited liability partnership; or the owner(s) of a sole proprietorship. If the bond is signed by any other representative, the Principal must attach currently-dated, written proof of that signer's authority to bind the Principal, identifying and quoting the provision in the corporate articles of incorporation, bylaws, Board resolution, partnership agreement, certificate of formation, or other document authorizing delegation of signature authority to such signer, and confirmation acceptable to the County that such delegation was in effect on the date the bond was signed. **A NOTARY PUBLIC MUST ACKNOWLEDGE EACH SIGNATURE BELOW.**

**FOR THE SURETY:**

**FOR THE PRINCIPAL:**

By \_\_\_\_\_  
(Signature of Attorney-in-Fact)

By: \_\_\_\_\_  
(Signature of authorized signer for Contractor)

\_\_\_\_\_  
(Type or print name of Attorney-in-Fact)

\_\_\_\_\_  
(Type or print name of signer for Contractor)

\_\_\_\_\_  
(Type or print telephone number for Attorney-in-Fact)

\_\_\_\_\_  
(Type or print title of signer for Contractor)

STATE OF \_\_\_\_\_ )  
 ) ss:  
COUNTY OF \_\_\_\_\_ )

**ACKNOWLEDGMENT FOR CONTRACTOR**

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me a notary public in and for the State of \_\_\_\_\_, duly commissioned and sworn, personally appeared \_\_\_\_\_, the person described in and who executed the foregoing bond, and acknowledged to me that \_\_\_\_\_ signed and sealed said bond as the free and voluntary act and deed of the Contractor so identified in the foregoing bond for the uses and purposes therein mentioned, and on oath stated that \_\_\_\_\_ is authorized to execute said bond for the Contractor named therein. WITNESS my hand and official seal hereto affixed the day and year in this certificate first above written.

\_\_\_\_\_  
(Signature of Notary Public)

\_\_\_\_\_  
(Print or type name of Notary Public)

Notary Public in and for the State of \_\_\_\_\_ residing at \_\_\_\_\_

My commission expires \_\_\_\_\_

**SEAL →**

STATE OF \_\_\_\_\_ )  
 ) ss:  
COUNTY OF \_\_\_\_\_ )

**ACKNOWLEDGMENT FOR SURETY**

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me a notary public in and for the State of \_\_\_\_\_, duly commissioned and sworn, personally appeared \_\_\_\_\_, Attorney-in-Fact for the Surety that executed the foregoing bond, and acknowledged said bond to be the free and voluntary act and deed of the Surety for the uses and purposes therein mentioned, and on oath stated that \_\_\_\_\_ is authorized to execute said bond on behalf of the Surety, and that the seal affixed on said bond or the annexed Power of Attorney is the corporate seal of said Surety. WITNESS my hand and official seal hereto affixed the day and year in this certificate first above written.

\_\_\_\_\_  
(Signature of Notary Public)

\_\_\_\_\_  
(Print or type name of Notary Public)

Notary Public in and for the State of \_\_\_\_\_ residing at \_\_\_\_\_

My commission expires \_\_\_\_\_



## **APPENDIX E**

### **Engineered Plans**

**Site 1: Lincoln Creek**

**Site 2: Lebo (Centralia Alpha Rd.)**

**Site 3: Mineral Creek**



Site 1: 2131 Lincoln Cr. Rd

# Lewis County



9/3/2019, 3:18:13 PM

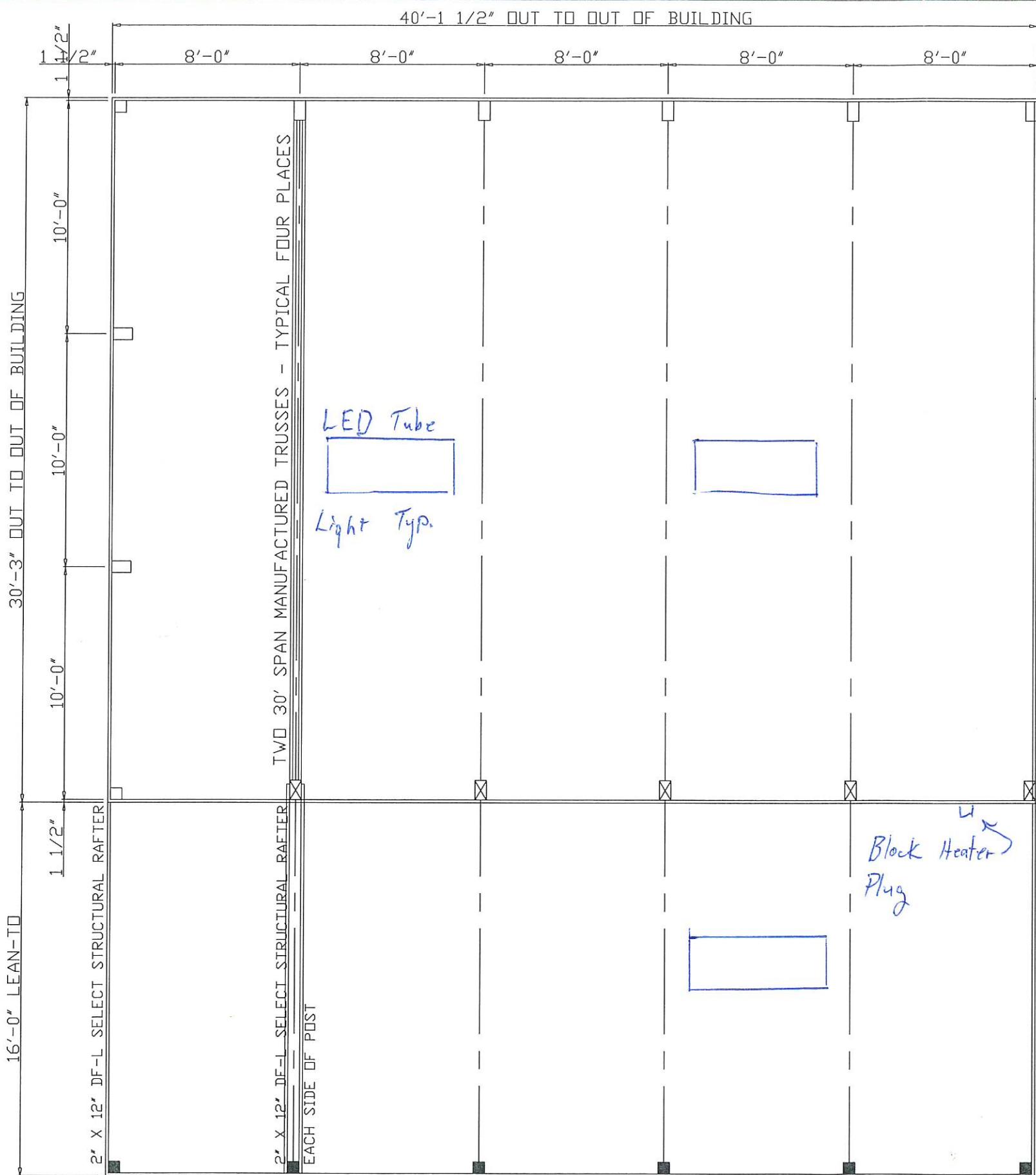
1:4,514

- Roads**
- Out of County
  - State
  - County
  - City
  - Private
  - USFS
  - Other

0 240 480 960 ft  
NAD 1983 StatePlane Washington South FIPS 4602 Feet



Lewis County does not guarantee the accuracy of the information shown on this map and is not responsible for any use or misuse by others regarding this material. It is provided for general informational purposes only. This map does not meet legal, engineering, or survey standards. Please practice due diligence and consult with licensed experts before making decisions.



SINGLE GABLE END TRUSS

2" X 12" DF-L SELECT STRUCTURAL RAFTER

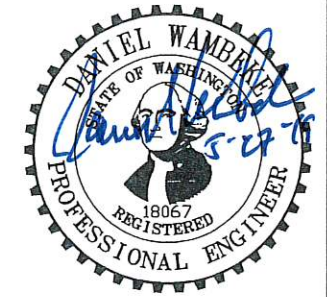
NOTCH CORNER POST FOR TRUSS SEAT

PROJECT/CODE INFORMATION

- A. PROJECT:
  1. LEWIS COUNTY PUBLIC WORKS
  2. SITE ADDRESS: 46° 44' 09" N, -123° 11' 49" W 2131 Lincoln Cit. Rd.
  3. LEGAL DESCRIPTION: UNKNOWN
- B. ENTITIES:
  1. OWNER: LEWIS COUNTY PUBLIC WORKS
  2. ENGINEER: DANIEL WAMBEKE, P.E. WAMBEKE ENGINEERING (509) 443-6186
  3. CONTRACTOR: UNKNOWN
  4. CONTACT PERSON: MALCOLM BOWIE
- C. PROJECT DESCRIPTION:
  1. NEW 30' x 40' x 16'-0" CLEAR HEIGHT BUILDING, POST FRAME WITH ATTACHED LEAN-TO 16' X 40' X 11'-2"
  2. OCCUPANCY GROUP: S1
  3. CONSTRUCTION TYPE: VB
  4. HEIGHT 21'-6"
- D. DESIGN LOADS:
  1. SNOW - 25 PSF
  2. WIND - 110 MPH, EXPOSURE C
  3. SEISMIC DESIGN CATEGORY - D
  4. FROST DEPTH - 24"
- E. MECHANICAL EQUIPMENT
  1. BUILDING IS UNHEATED, EXCEPT FOR TEMPORARY HEATING EQUIPMENT WITH MAXIMUM BTU OUTPUT UP TO 3 BTU/SQUARE FOOT.
  2. INTERIOR OF BUILDING IS NOT LIGHTED AND NO LIGHTING SOURCES ARE PROVIDED.

Delete See Special Provisions  
LED Yard Light

- 6' X 6' ROUGH CUT HEM-FIR #2 TREATED LEAN-TO POSTS EMBEDDED IN 20" X 3'-0" DEEP CONCRETE FOOTINGS
- 6' X 6' ROUGH CUT HEM-FIR #2 TREATED CORNER POSTS EMBEDDED IN 24" X 4'-8" DEEP CONCRETE FOOTINGS
- 6' X 8' ROUGH CUT HEM-FIR #2 TREATED ENDWALL POSTS EMBEDDED IN 30" X 5'-9" DEEP CONCRETE FOOTINGS
- 6' X 8' ROUGH CUT HEM-FIR #2 TREATED CORNER POSTS EMBEDDED IN 30" X 5'-4" DEEP CONCRETE FOOTINGS
- ⊗ 6' X 8' ROUGH CUT HEM-FIR #2 TREATED CORNER POSTS EMBEDDED IN 32" X 5'-0" DEEP CONCRETE FOOTINGS



**WAMBEKE ENGINEERING**  
 Daniel Wambeke, P. E.  
 2913 East 61st Court  
 Spokane, WA 99223  
 Tel: 509-443-6186 Fax: 509-448-6582 e-mail dwambeke@msn.com

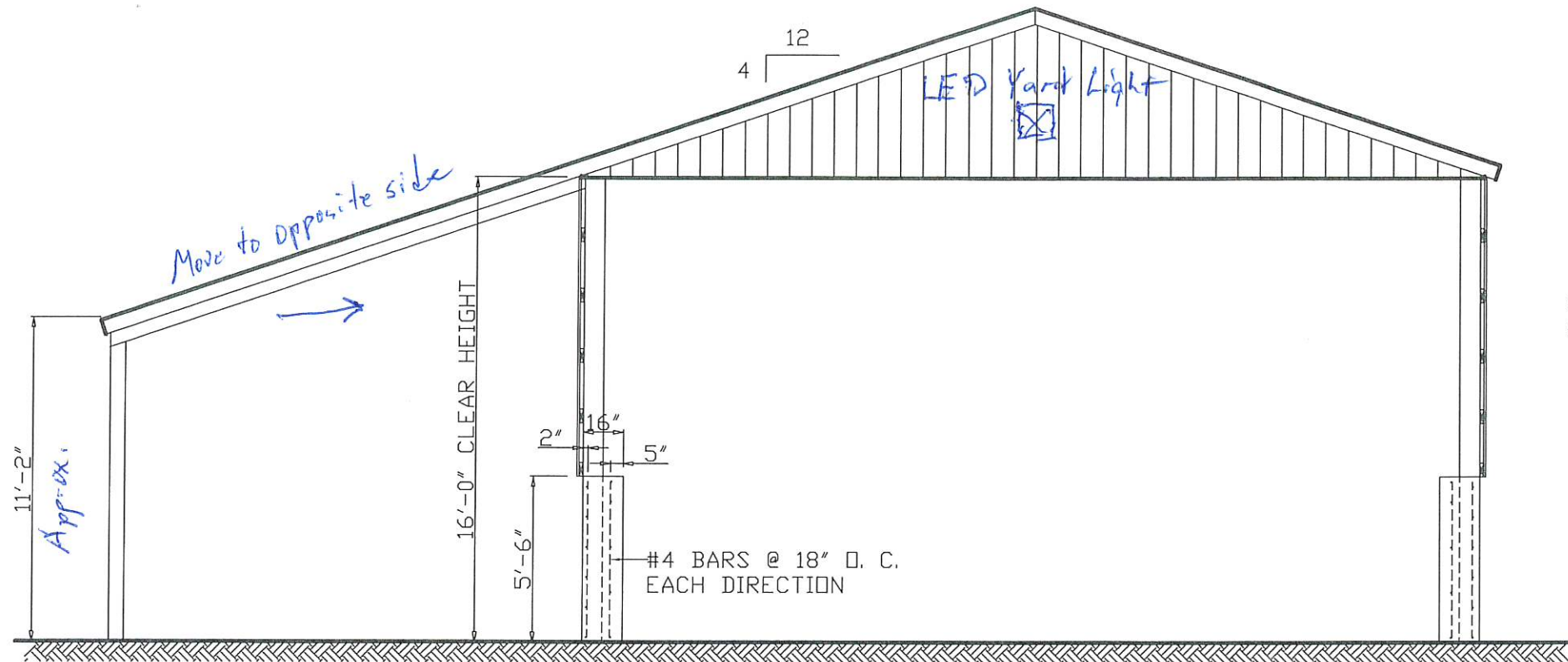
30' X 40' X 16' CLEAR HEIGHT SALT/SAND SHED WITH  
 16' X 40' X 11'-2" OPEN LEAN-TO ONE SIDE FOR  
 LEWIS COUNTY, 46° 44' 09" N, -123° 11' 49" W"

LEWIS COUNTY PUBLIC WORKS  
 2025 N. E. KRESKY AVENUE  
 CHEHALIS, WASHINGTON 98532

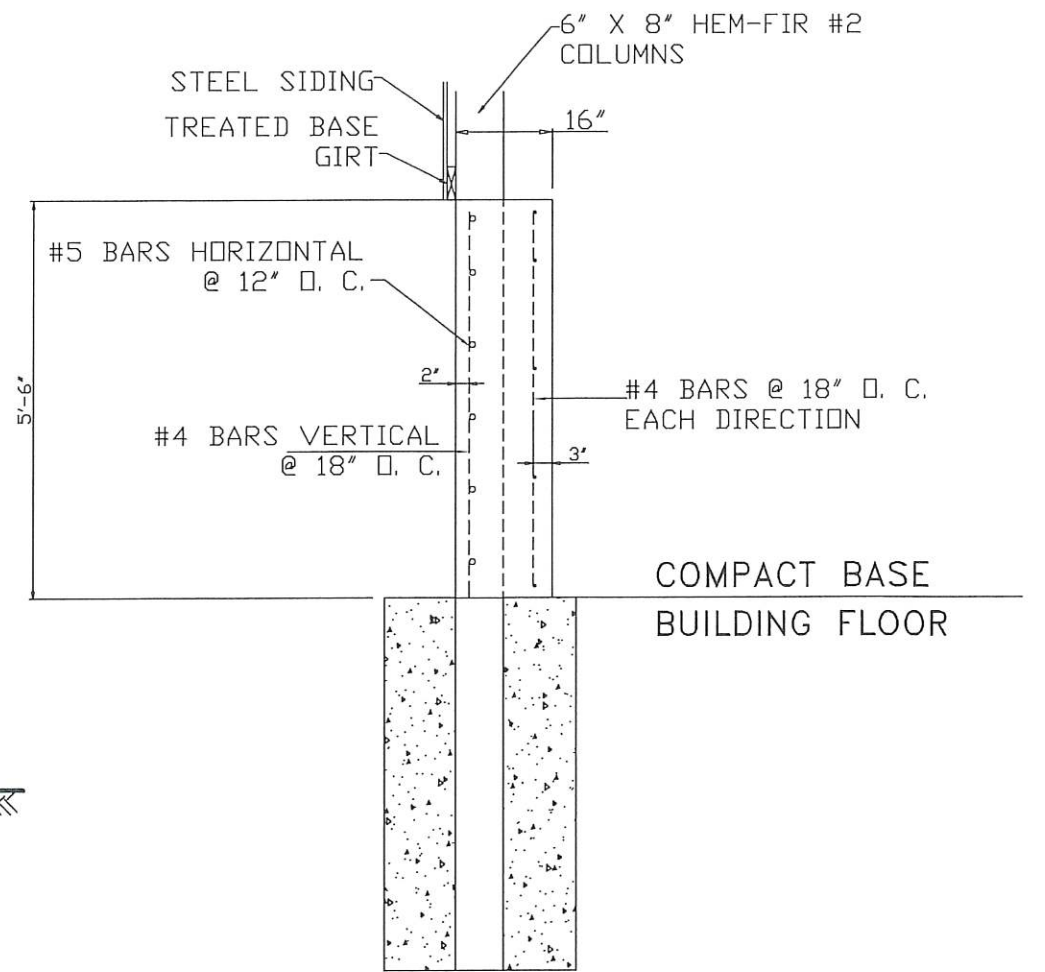
DRAWN	BY	DATE	DRAWING NO.	LEWIS COUNTY.19053	REV.
19053	WAMBEKE	5-27-19	SCALE: 3/16" = 1'-0"	SHEET: 1 OF 8	

PLAN VIEW

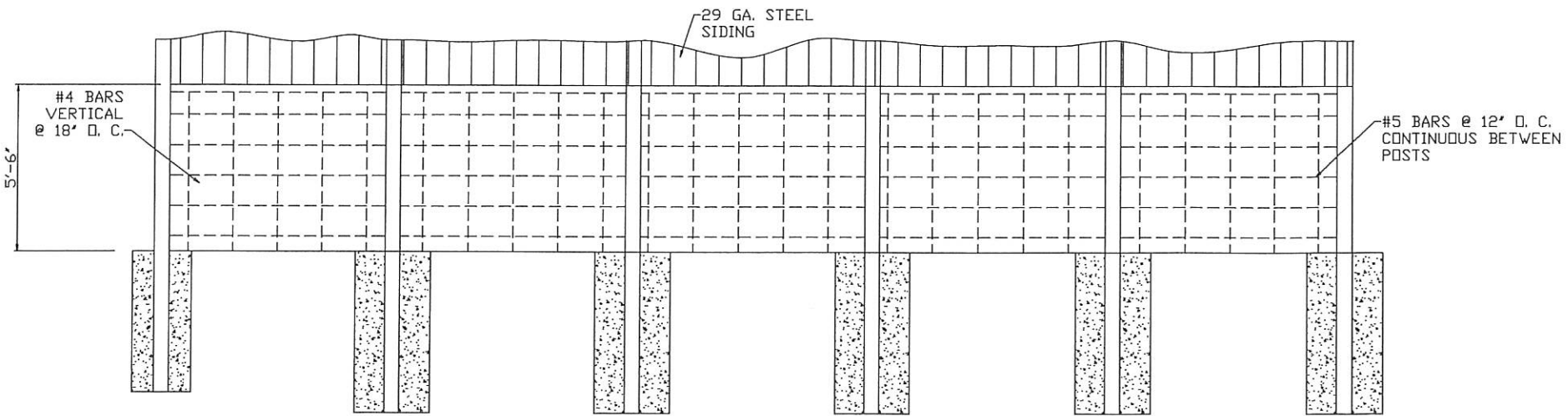




FRONT ENDWALL ELEVATION



SECTION THROUGH CONCRETE WALL



TYPICAL SIDEWALL ELEVATION SHOWING CONCRETE WALL REINFORCEMENT

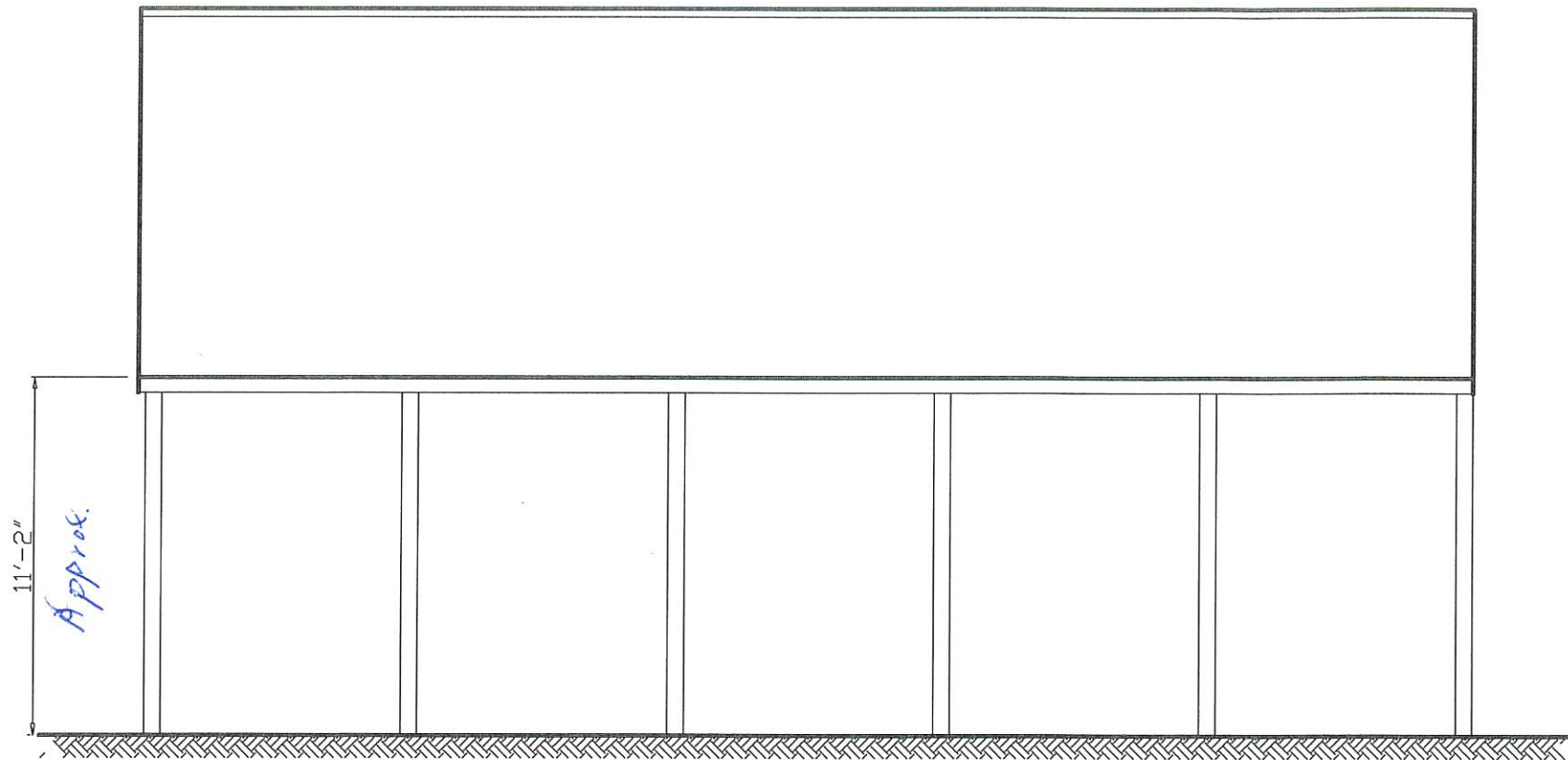


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DRAWN	BY	DATE	DRAWING NO.	REV.
19053	WAMBEKE	5-27-19	LEWIS COUNTY.19053	
			SCALE: 3/16" = 1'-0"	SHEET: 3 OF 8



LEFT SIDEWALL ELEVATION

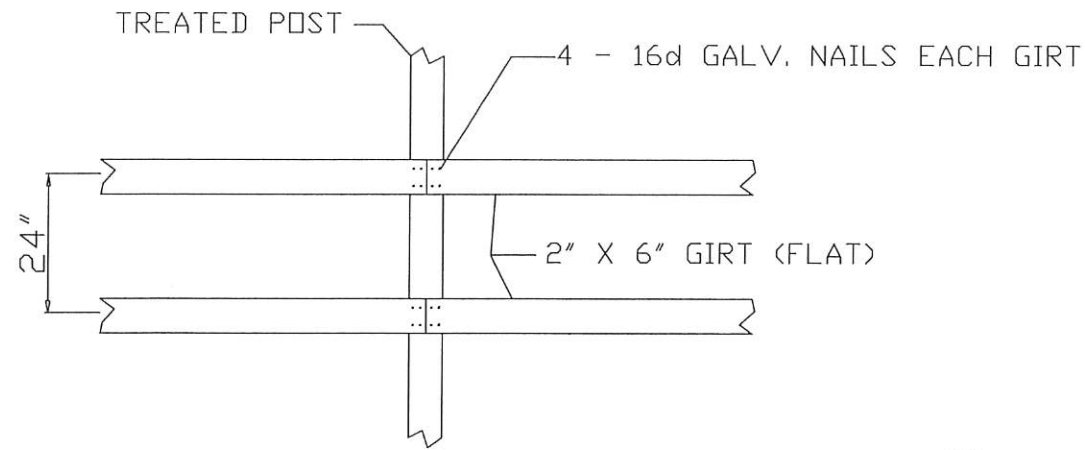


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 Tel: 509-443-6186 Fax: 509-448-6582 e-mail: dwambeke@msn.com

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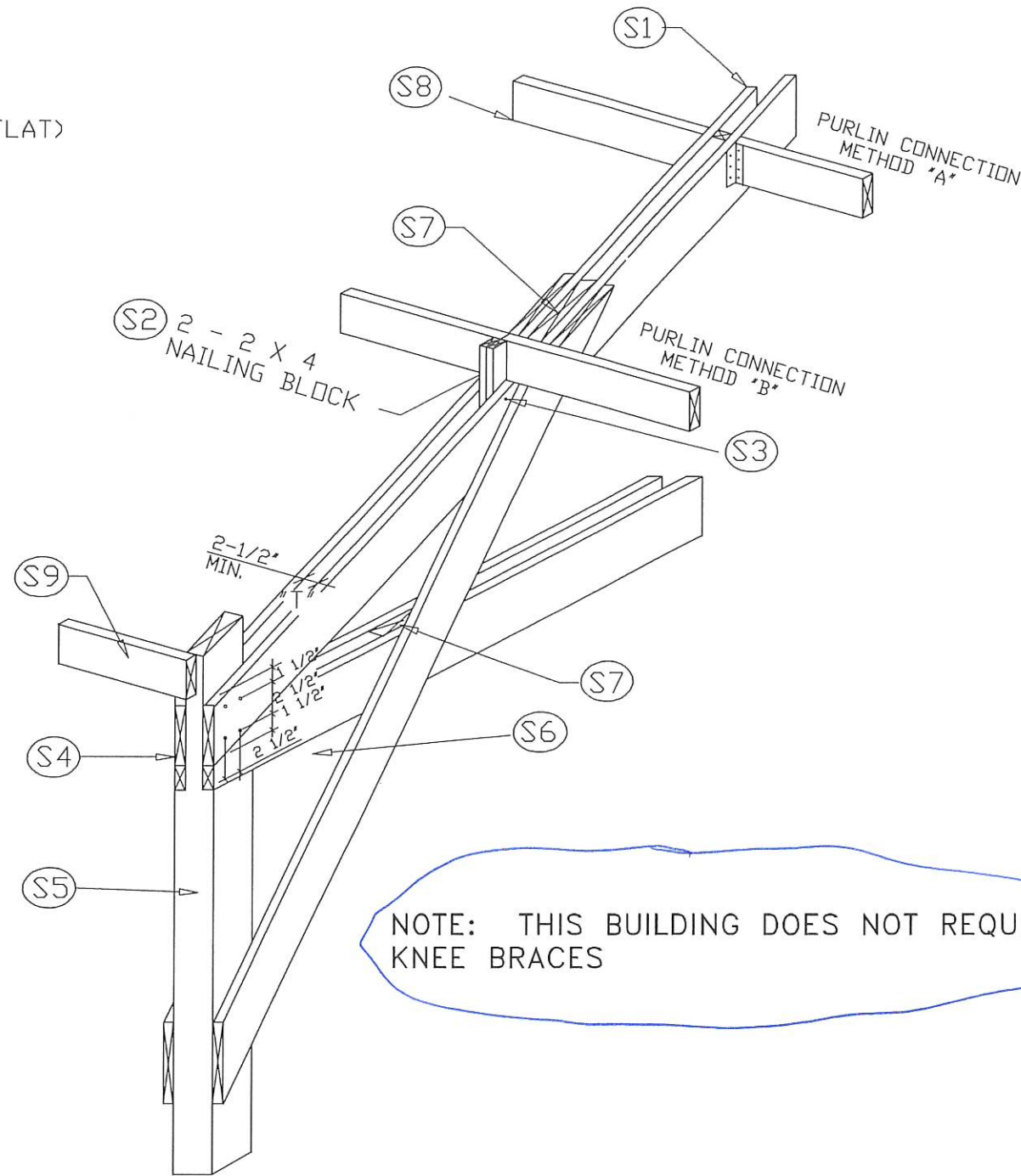
DRAWN	BY	DATE	DRAWING NO.:	REV.
19053	WAMBEKE	5-27-19	LEWIS COUNTY.19053 SCALE: 3/16" = 1'-0" SHEET: 4 OF 8	



**TYPICAL GIRT CONNECTION**

**PURLIN CONNECTION METHODS:**

- A). PURLINS MAY BE HUNG OFF THE TRUSS TOP CHORD FACES W/ STANDARD SIMPSON JOIST HANGERS OR EQUAL.
- B). PURLINS MAY BE BUTTED AND NAILED W/(2) 16d NAILS INTO EACH PURLIN. TOENAIL BACK SIDE OF PURLIN W/(1) 16d NAIL INTO EACH TRUSS TOP CHORD MEMBER



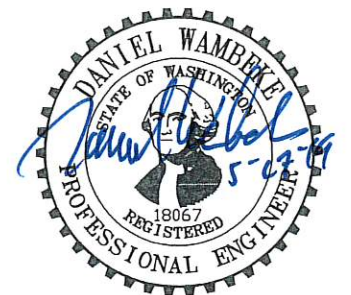
NOTE: THIS BUILDING DOES NOT REQUIRE KNEE BRACES

**NOTES FOR CONNECTION DETAIL**

- (S1) MANUFACTURED TRUSS TOP CHORDS TRUSS DESIGN BY TRUSS MANUFACTURER
- (S2) PURLIN SUPPORT STRUT 2" X "T" X FULL DEPTH OF TOP CHORD PLUS PURLIN. NAIL PURLINS W/(3) 16d NAILS
- (S3) NAIL STRUT TO TOP CHORD W/(3) 16d NAILS EACH SIDE.
- (S4) MANUFACTURED TRUSS NOTCH POSTS 1-1/2" EACH SIDE TO PROVIDE TRUSS SEAT.
- (S5) WOOD POSTS - SEE PLAN VIEW FOR POST SIZES
- (S6) (4) 40d NAILS IN PRE-DRILLED 3/16" PILOT HOLES, EACH SIDE
- (S7) SOLID BLOCKING AT CONNECTION POINTS.
- (S8) TYP. PURLINS 2" X 6" DF-L #2 @ 24" O. C.
- (S9) 2" X 6" EAVE GIRT

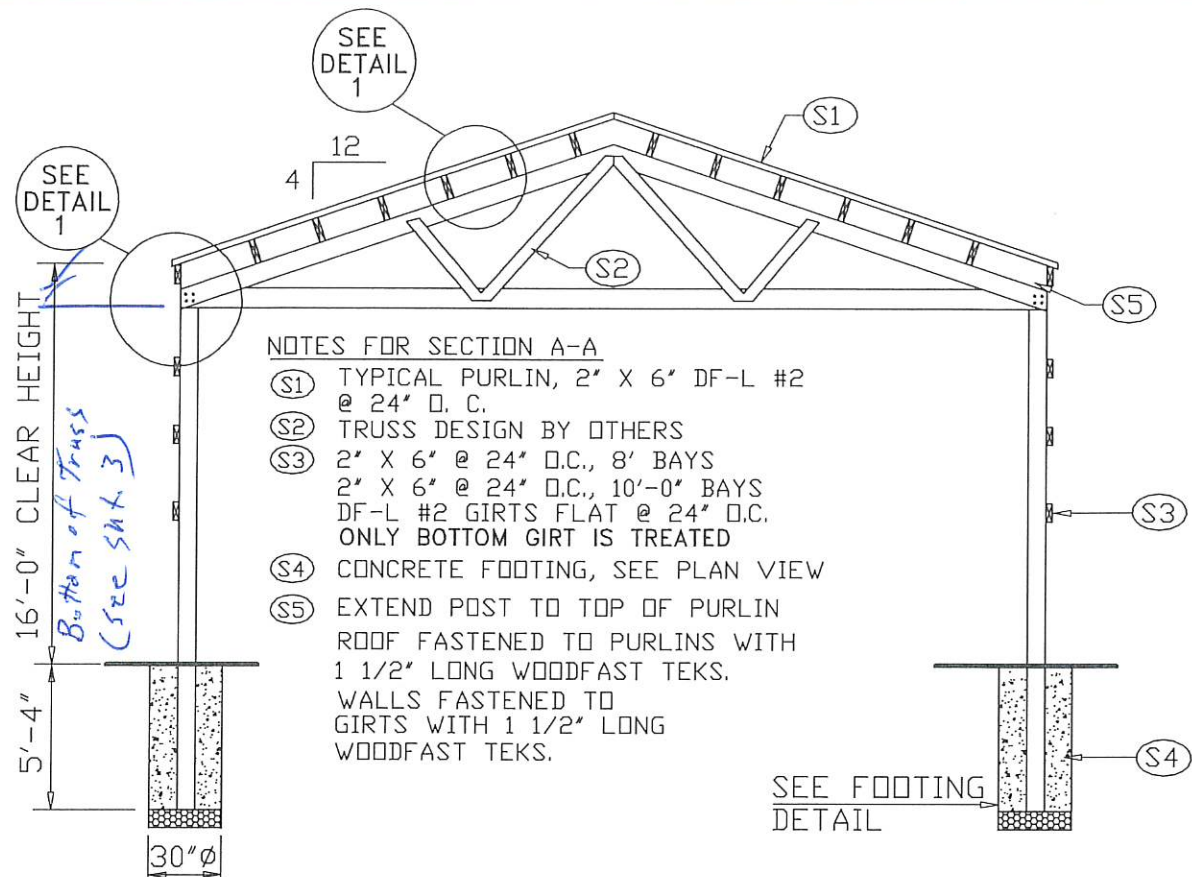
**DETAIL 1 - TRUSS COLUMN CONNECTION, PURLIN SUPPORT**

N.T.S.



<b>WAMBEKE ENGINEERING</b>				
Daniel Wambeke, P. E.			2913 East 61st Court Spokane, WA 99223	
Tel: 509-443-6186			Fax: 509-448-6582 e-mail dwanbeke@msn.com	
30' X 40' X 16' CLEAR HEIGHT SALT/SAND SHED WITH 16' X 40' X 11'-2" OPEN LEAN-TO ONE SIDE FOR LEWIS COUNTY, 46° 44' 09", -123° 11' 49"				
LEWIS COUNTY PUBLIC WORKS 2025 N. E. KRESKY AVENUE CHEHALIS, WASHINGTON 98532				
DRAWN	BY	DATE	DRAWING NO. LEWIS COUNTY 19053	REV.
19053	WAMBEKE	5-27-19	SCALE: 1/4" = 1'-0"	SHEET: 5 OF 8





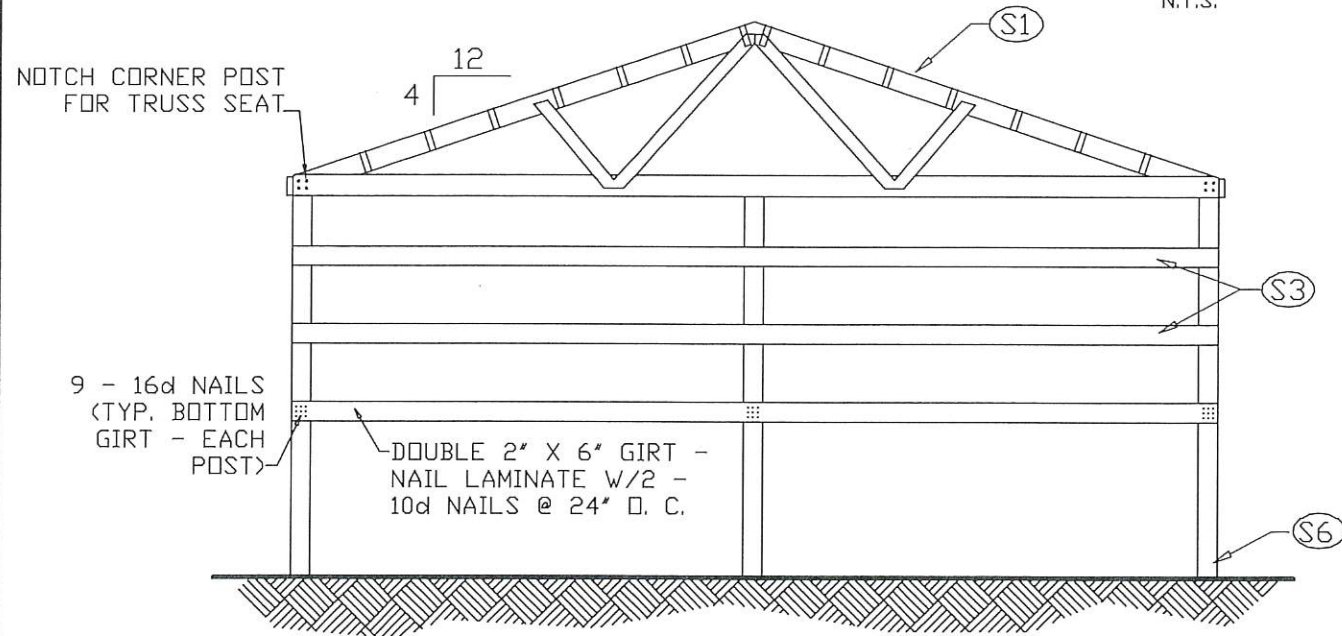
NOTES FOR SECTION A-A

- (S1) TYPICAL PURLIN, 2" X 6" DF-L #2 @ 24" O. C.
- (S2) TRUSS DESIGN BY OTHERS
- (S3) 2" X 6" @ 24" O.C., 8' BAYS  
2" X 6" @ 24" O.C., 10'-0" BAYS  
DF-L #2 GIRTS FLAT @ 24" O.C.  
ONLY BOTTOM GIRTS IS TREATED
- (S4) CONCRETE FOOTING, SEE PLAN VIEW
- (S5) EXTEND POST TO TOP OF PURLIN  
ROOF FASTENED TO PURLINS WITH 1 1/2" LONG WOODFAST TEKS.  
WALLS FASTENED TO GIRTS WITH 1 1/2" LONG WOODFAST TEKS.

BUILDING SECTION A-A

N.T.S.

SEE FOOTING  
DETAIL

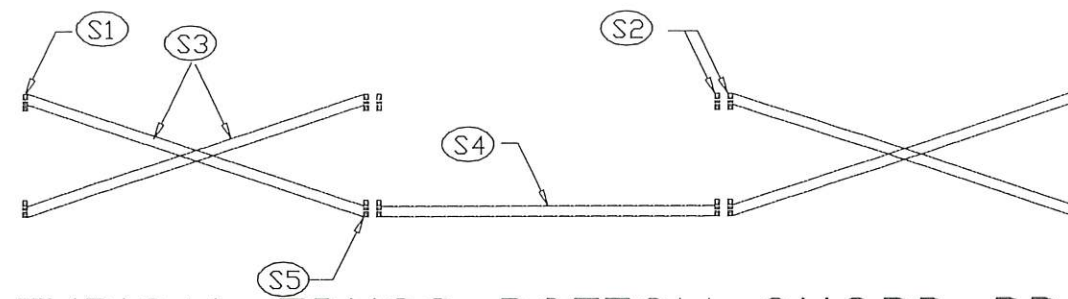


FRONT ELEVATION

N.T.S.

NOTES FOR FRONT ELEVATION

- (S1) HALF TRUSS DESIGN BY OTHERS  
SUPPORT PURLINS @ END TRUSS W/2" X 6"  
STANDARD JOIST HANGERS,
- (S3) 2" X 6" GIRTS @ 24" O.C., 8'-6" BAYS, DF-L #2
- (S5) TREATED WOOD POSTS, SEE PLAN FOR SIZE
- (S6) DOUBLE TREATED 2" X 6" BOTTOM GIRTS



TYPICAL TRUSS BOTTOM CHORD BRACING

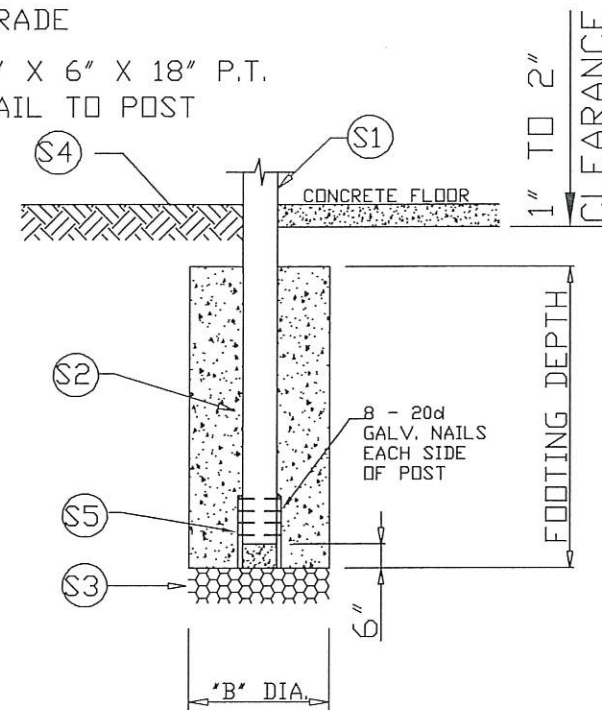
N.T.S.

NOTES FOR TRUSS BOTTOM CHORD BRACING

- (S1) GABLE END TRUSS
- (S2) DOUBLE INTERIOR TRUSSES
- (S3) 2" X 4" X-BRACING @ 10' 0" O.C.
- (S4) 2" X 4" BOTTOM CHORD BRACING @ 10' 0" O.C.
- (S5) TOENAIL BRACES TO TRUSSES WITH 3 - 10d NAILS

NOTES FOR FOOTING DETAIL

- (S1) TREATED POSTS AS SIZED PER SCHEDULE
- (S2) VIBRATE OR ROD CONCRETE TO OBTAIN FULL BEARING
- (S3) UNDISTURBED SOIL
- (S4) GRADE
- (S5) 2" X 6" X 18" P.T.  
NAIL TO POST



FOOTING DETAIL

N.T.S.



WAMBEKE ENGINEERING

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Spokane, WA 99223  
Tel: 509-443-6186 Fax: 509-448-6582 e-mail: dwambeke@msn.com

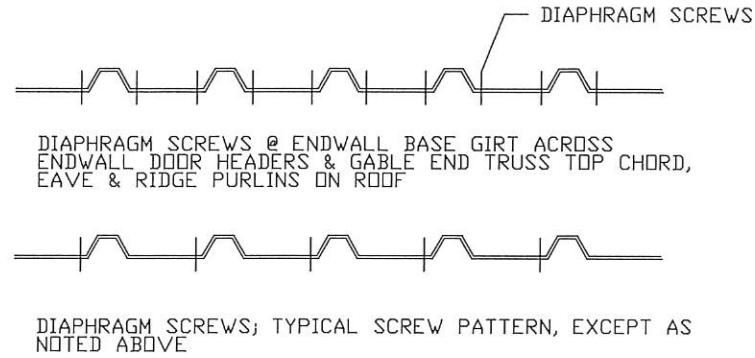
30' X 40' X 16' CLEAR HEIGHT SALT/SAND SHED WITH  
16' X 40' X 11'-2" OPEN LEAN-TO ONE SIDE FOR  
LEWIS COUNTY, 46° 44' 09", -123° 11' 49"

LEWIS COUNTY PUBLIC WORKS  
2025 N. E. KRESKY AVENUE  
CHEHALIS, WASHINGTON 98532

DRAWN	BY	DATE	DRAWING NO.	REVISION
19053	WAMBEKE	5-27-19	LEWIS COUNTY 19053	REV.
			SCALE: 1/4" = 1'-0"	SHEET: 6 OF 8

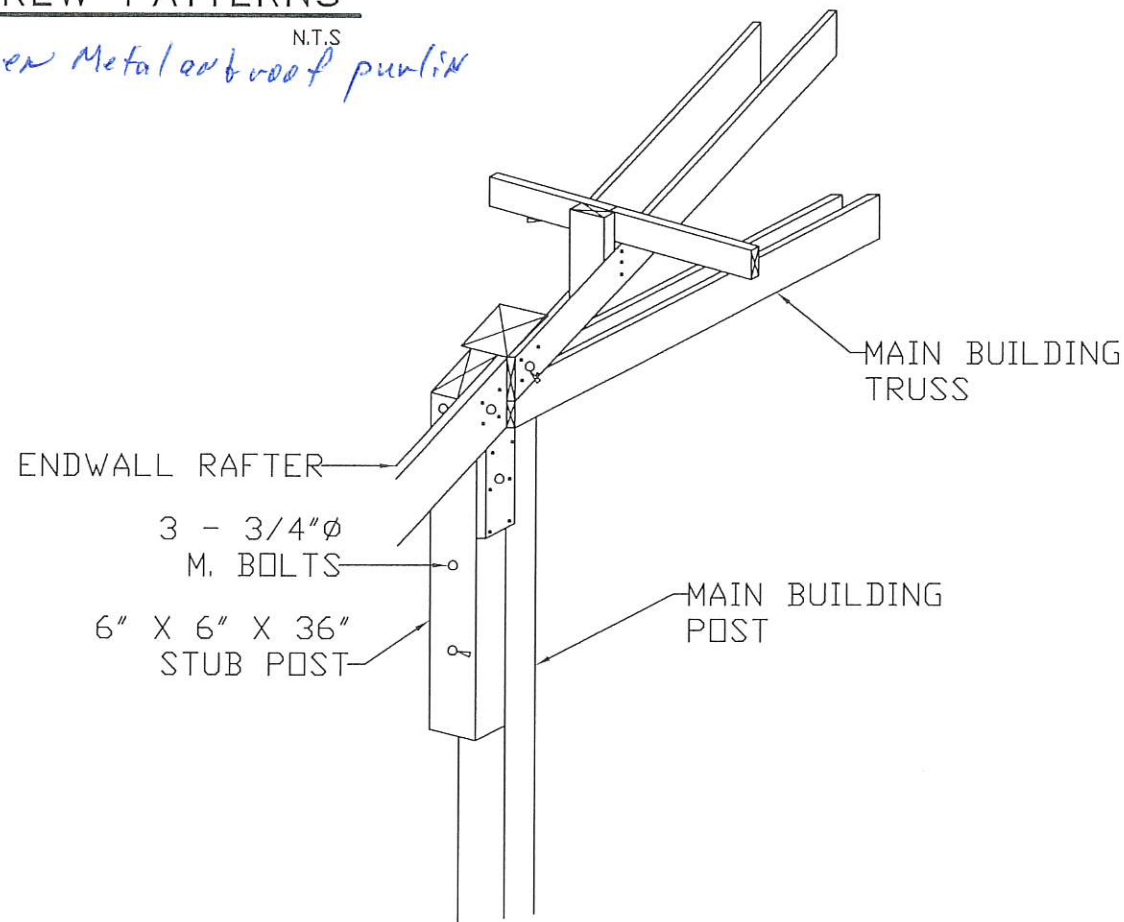
SHEATHING REQUIRMENTS

THE FOLLOWING MINIMUM ROOF DIAPHRAGM REQUIRMENTS ARE NEEDED:  
 \* ROOF STEEL: 29 GAUGE GRAND-RIB III, 36" WIDTH OR EQUIVALENT  
 \* FIELD SCREWS: #10 x 1 1/2" AT 9' O.C. (NEXT TO HIGH RIB)  
 \* EAVE AND RIDGE PURLIN SCREWS: #14 x 1 1/2" AT BOTH SIDES OF EACH MAJOR RIB  
 THE FOLLOWING MINIMUM ENDWALL DIAPHRAGM REQUIRMENTS ARE NEEDED:  
 \* ENDWALL STEEL: 29 GAUGE GRAND-RIB III, 36" WIDTH OR EQUIVALENT  
 \* FIELD SCREWS: #10 x 1 1/2" @ 9' O.C. (NEXT TO HIGH RIB)  
 \* BASE GIRT, END TRUSS, AND DOOR HEADER SCREWS: #14 x 1 1/2" @ BOTH SIDES OF EACH MAJOR RIB.



STEEL SHEETING SCREW PATTERNS

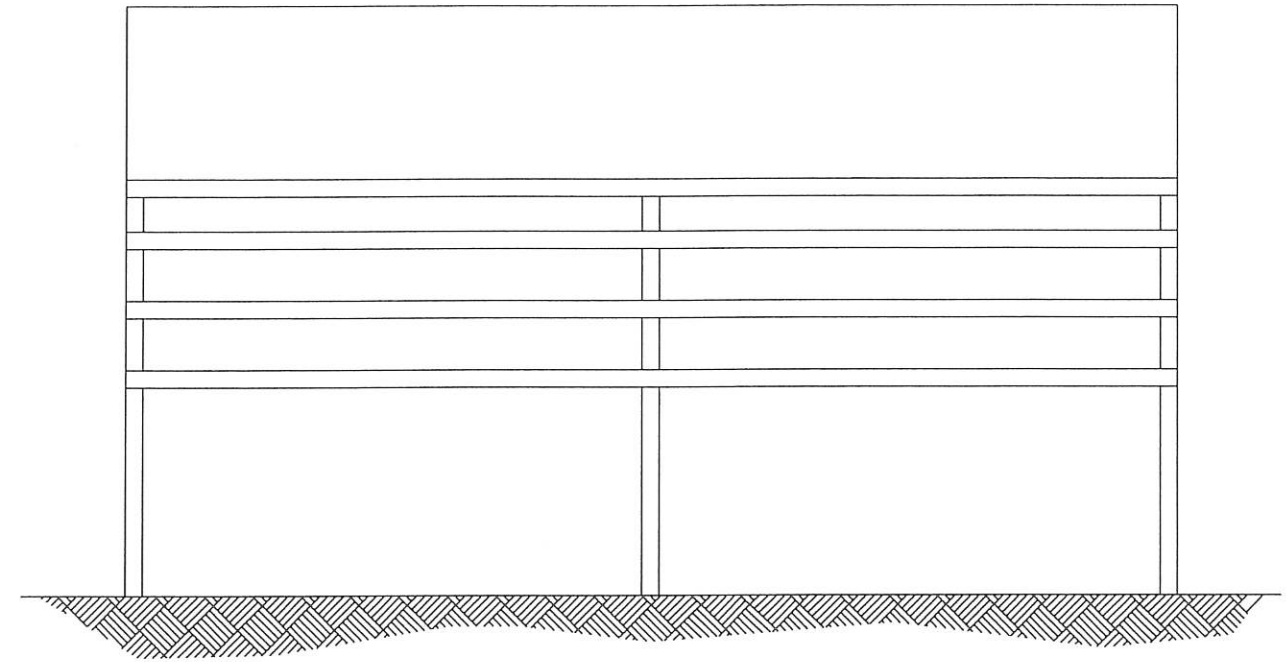
*Type K Vapor Barrier between Metal and roof purlin* N.T.S



LEAN-TO CONNECTION TO MAIN BUILDING

@ CORNER POST

N.T.S.



TYPICAL SIDE ELEVATION

N.T.S.

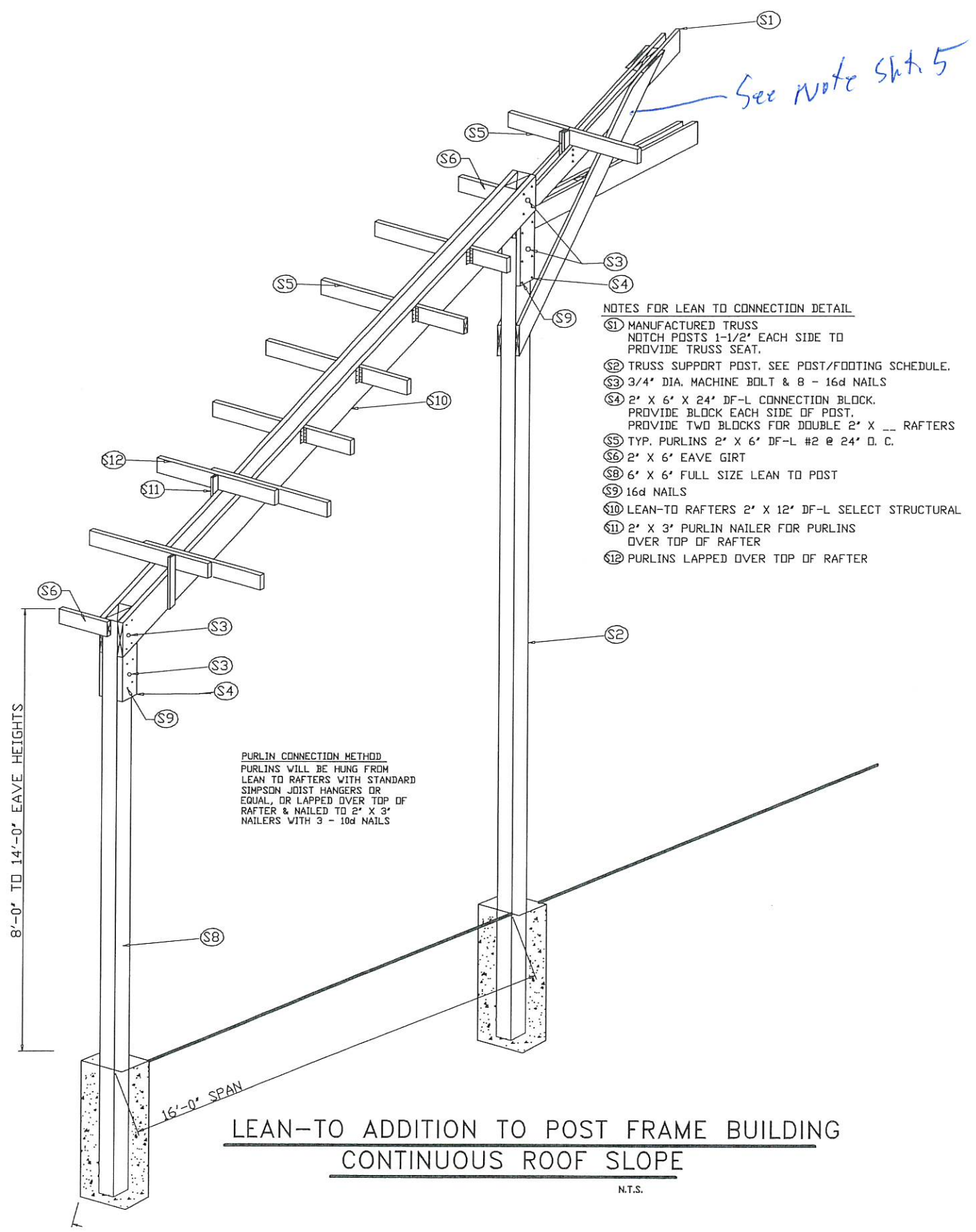


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 Tel: 509-443-6186 Fax: 509-448-6582 e-mail dwambeke@msn.com

30' X 40' X 16' CLEAR HEIGHT SALT/SAND SHED WITH  
 16' X 40' X 11'-2" OPEN LEAN-TO ONE SIDE FOR  
 LEWIS COUNTY, 46° 44' 09", -123° 11' 49"

LEWIS COUNTY PUBLIC WORKS  
 2025 N. E. KRESKY AVENUE  
 CHEHALIS, WASHINGTON 98532

DRAWN	BY	DATE	DRAWING NO.	REV.
19053	WAMBEKE	5-27-19	LEWIS COUNTY 19053 SCALE: 1/4" = 1'-0" SHEET: 7 OF 8	



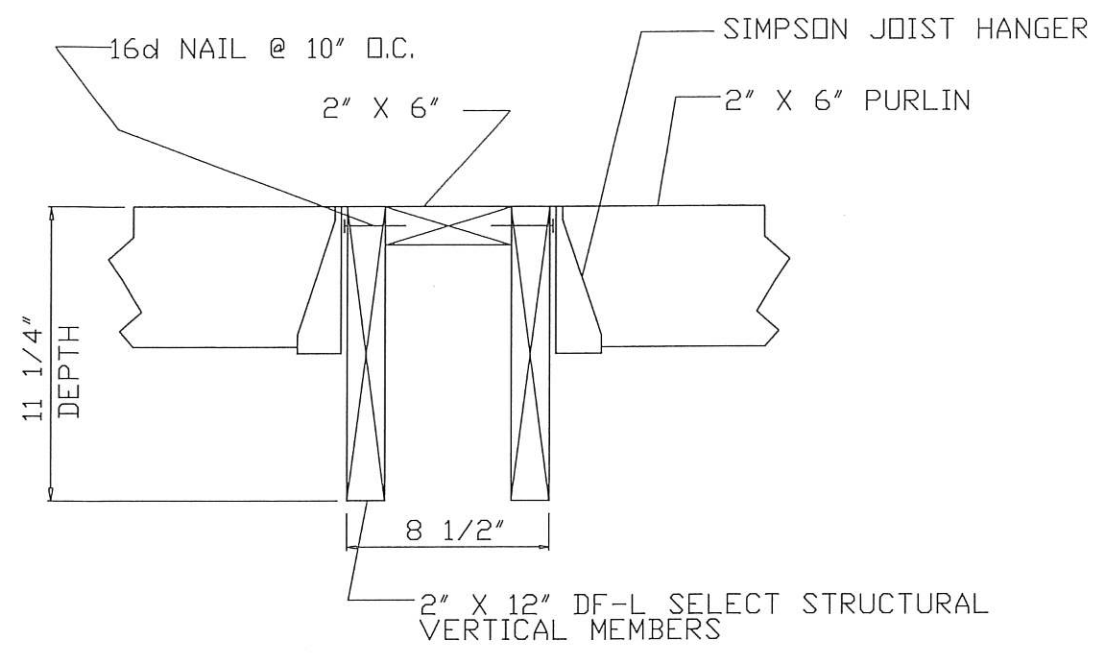
*See note skt 5*

- NOTES FOR LEAN TO CONNECTION DETAIL**
- (S1) MANUFACTURED TRUSS NOTCH POSTS 1-1/2" EACH SIDE TO PROVIDE TRUSS SEAT.
  - (S2) TRUSS SUPPORT POST, SEE POST/FOOTING SCHEDULE.
  - (S3) 3/4" DIA. MACHINE BOLT & 8 - 16d NAILS
  - (S4) 2" X 6" X 24" DF-L CONNECTION BLOCK. PROVIDE BLOCK EACH SIDE OF POST. PROVIDE TWO BLOCKS FOR DOUBLE 2" X 12" RAFTERS
  - (S5) TYP. PURLINS 2" X 6" DF-L #2 @ 24" O.C.
  - (S6) 2" X 6" EAVE GIRT
  - (S8) 6" X 6" FULL SIZE LEAN TO POST
  - (S9) 16d NAILS
  - (S10) LEAN-TO RAFTERS 2" X 12" DF-L SELECT STRUCTURAL
  - (S11) 2" X 3" PURLIN NAILER FOR PURLINS OVER TOP OF RAFTER
  - (S12) PURLINS LAPPED OVER TOP OF RAFTER

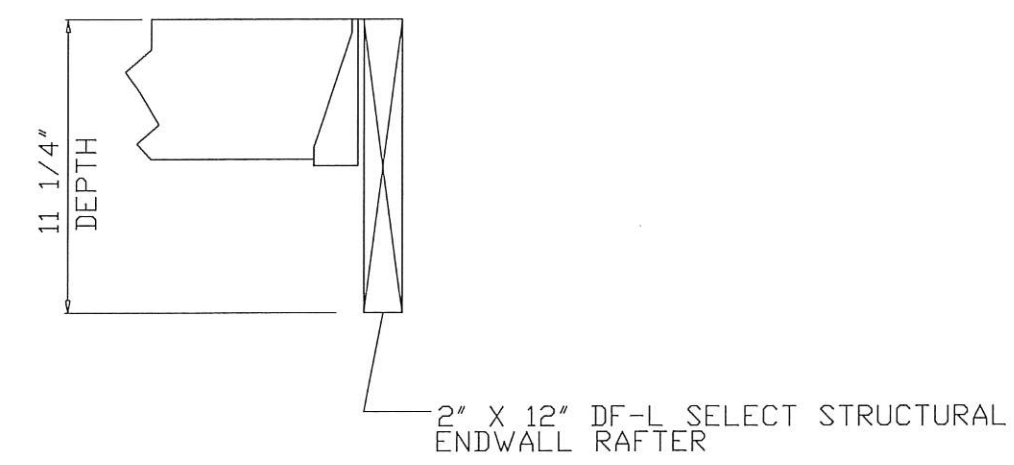
**PURLIN CONNECTION METHOD**  
 PURLINS WILL BE HUNG FROM LEAN TO RAFTERS WITH STANDARD SIMPSON JOIST HANGERS OR EQUAL, OR LAPPED OVER TOP OF RAFTER & NAILED TO 2" X 3" NAILERS WITH 3 - 10d NAILS

**LEAN-TO ADDITION TO POST FRAME BUILDING  
 CONTINUOUS ROOF SLOPE**

N.T.S.



**SECTION A - A  
 STANDARD RAFTER DETAILS**

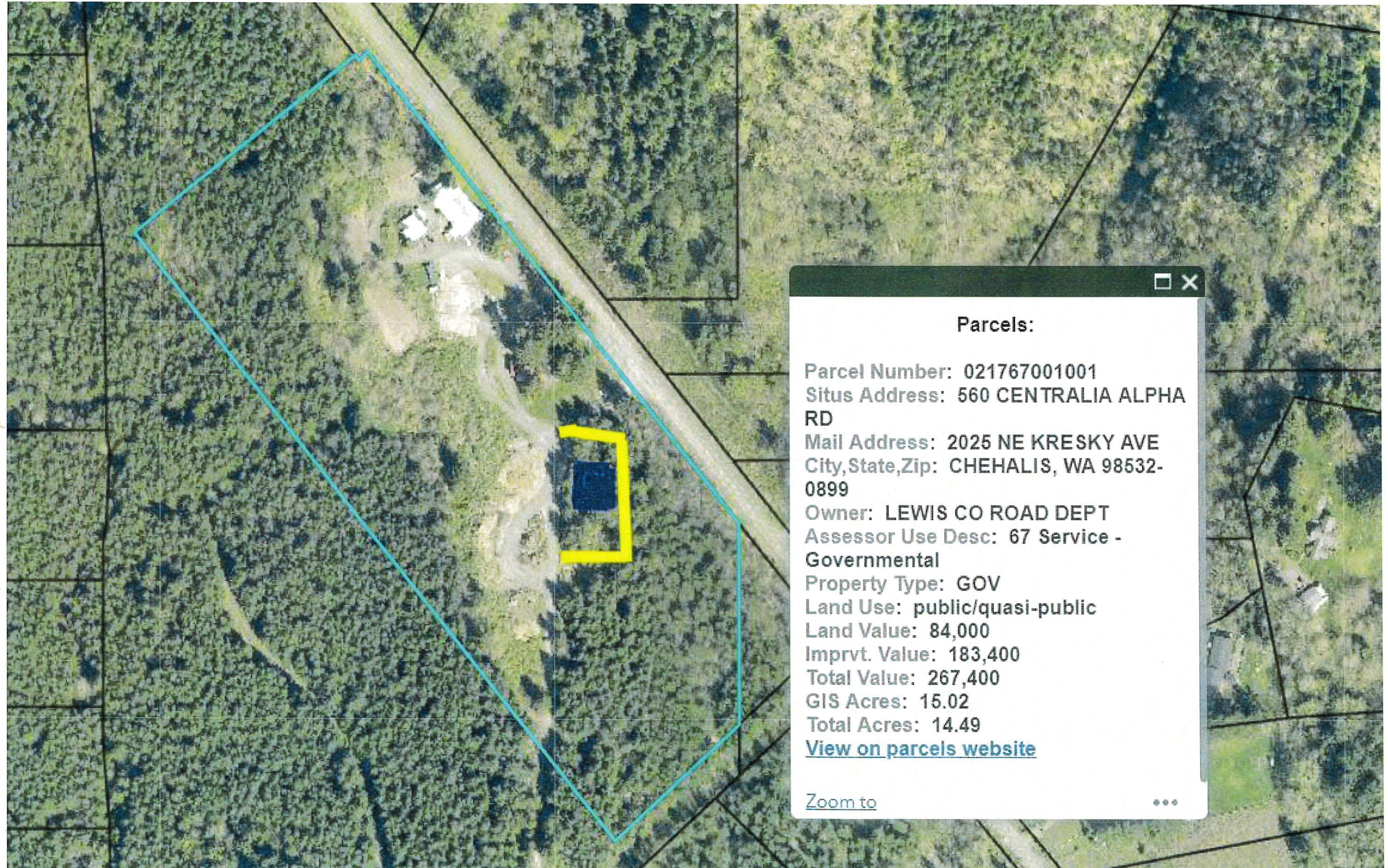


**SECTION A - A  
 STANDARD ENDWALL RAFTER DETAILS**



<b>WAMBEKE ENGINEERING</b>				
Daniel Wambeke, P. E.				
2913 East 61st Court Spokane, WA 99223				
Tel: 509-443-6186 Fax: 509-448-6582 e-mail: dwanbeke@msn.com				
30' X 40' X 16' CLEAR HEIGHT SALT/SAND SHED WITH 16' X 40' X 11'-2" OPEN LEAN-TO ONE SIDE FOR LEWIS COUNTY, 46° 44' 09", -123° 11' 49"				
LEWIS COUNTY PUBLIC WORKS 2025 N. E. KRESKY AVENUE CHEHALIS, WASHINGTON 98532				
DRAWN	BY	DATE	DRAWING NO.:	REV.
19053	WAMBEKE	5-27-19	LEWIS COUNTY 19053	
			SCALE: 1/4" = 1'-0"	SHEET: 8 OF 8

Site Zi Lebo



**Parcels:**

**Parcel Number:** 021767001001  
**Situs Address:** 560 CENTRALIA ALPHA RD  
**Mail Address:** 2025 NE KRESKY AVE  
**City, State, Zip:** CHEHALIS, WA 98532-0899  
**Owner:** LEWIS CO ROAD DEPT  
**Assessor Use Desc:** 67 Service - Governmental  
**Property Type:** GOV  
**Land Use:** public/quasi-public  
**Land Value:** 84,000  
**Imprvt. Value:** 183,400  
**Total Value:** 267,400  
**GIS Acres:** 15.02  
**Total Acres:** 14.49  
[View on parcels website](#)

[Zoom to](#)



**PROJECT/CODE INFORMATION**

- A. PROJECT:  
 1. LEWIS COUNTY PUBLIC WORKS  
 2. SITE ADDRESS: ~~46° 40' 25" N, 122° 54' 33" W~~ *560 Centralia Alpha Rd.*  
 3. LEGAL DESCRIPTION: UNKNOWN
- B. ENTITIES:  
 1. OWNER: LEWIS COUNTY PUBLIC WORKS  
 2. ENGINEER: DANIEL WAMBEKE, P.E. WAMBEKE ENGINEERING (509) 443-6186  
 3. CONTRACTOR: UNKNOWN  
 4. CONTACT PERSON: MALCOLM BOWIE
- C. PROJECT DESCRIPTION:  
 1. NEW 30' x 40' x 16'-0" CLEAR HEIGHT BUILDING, POST FRAME WITH ATTACHED LEAN-TO 16' X 40' X 11'-2"  
 2. OCCUPANCY GROUP: S1  
 3. CONSTRUCTION TYPE: VB  
 4. HEIGHT 21'-6"
- D. DESIGN LOADS:  
 1. SNOW - 25 PSF  
 2. WIND - 110 MPH, EXPOSURE C  
 3. SEISMIC DESIGN CATEGORY - D  
 4. FROST DEPTH - 24"
- E. MECHANICAL EQUIPMENT  
 1. BUILDING IS UNHEATED, EXCEPT FOR TEMPORARY HEATING EQUIPMENT WITH MAXIMUM BTU OUTPUT UP TO 3 BTU/SQUARE FOOT.  
 2. INTERIOR OF BUILDING IS NOT LIGHTED AND NO LIGHTING SOURCES ARE PROVIDED.

*Delete See Special Provisions LED Hand light*

- 6' X 6' ROUGH CUT HEM-FIR #2 TREATED LEAN-TO POSTS EMBEDDED IN 20" X 3'-0" DEEP CONCRETE FOOTINGS
- 6' X 6' ROUGH CUT HEM-FIR #2 TREATED CORNER POSTS EMBEDDED IN 24" X 4'-8" DEEP CONCRETE FOOTINGS
- ▭ 6' X 8' ROUGH CUT HEM-FIR #2 TREATED ENDWALL POSTS EMBEDDED IN 30" X 5'-9" DEEP CONCRETE FOOTINGS
- ◻ 6' X 8' ROUGH CUT HEM-FIR #2 TREATED CORNER POSTS EMBEDDED IN 30" X 5'-4" DEEP CONCRETE FOOTINGS
- ⊠ 6' X 8' ROUGH CUT HEM-FIR #2 TREATED CORNER POSTS EMBEDDED IN 32" X 5'-0" DEEP CONCRETE FOOTINGS

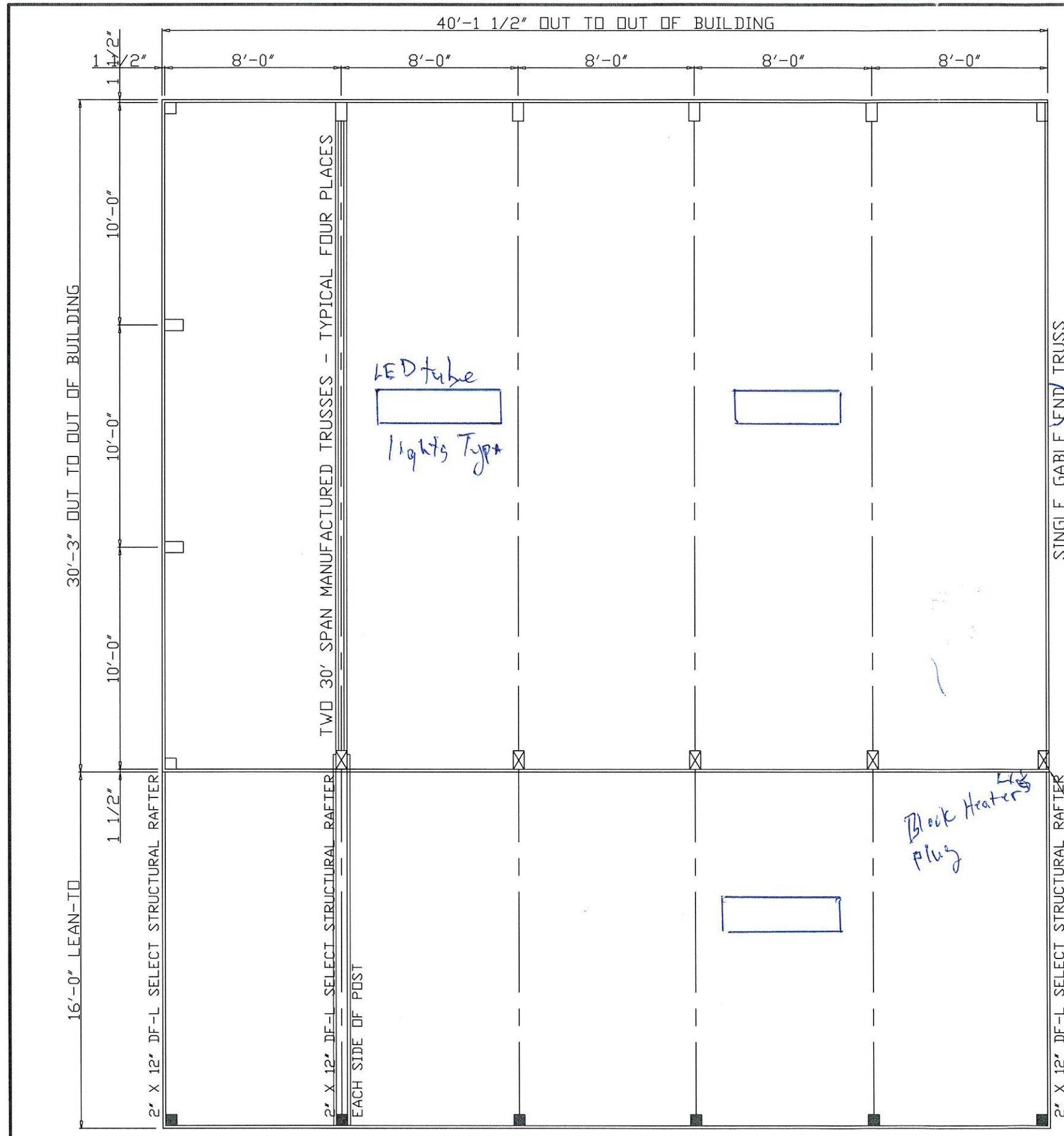


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LEWIS COUNTY PUBLIC WORKS  
 2025 N. E. KRESKY AVENUE  
 CHEHALIS, WASHINGTON 98532

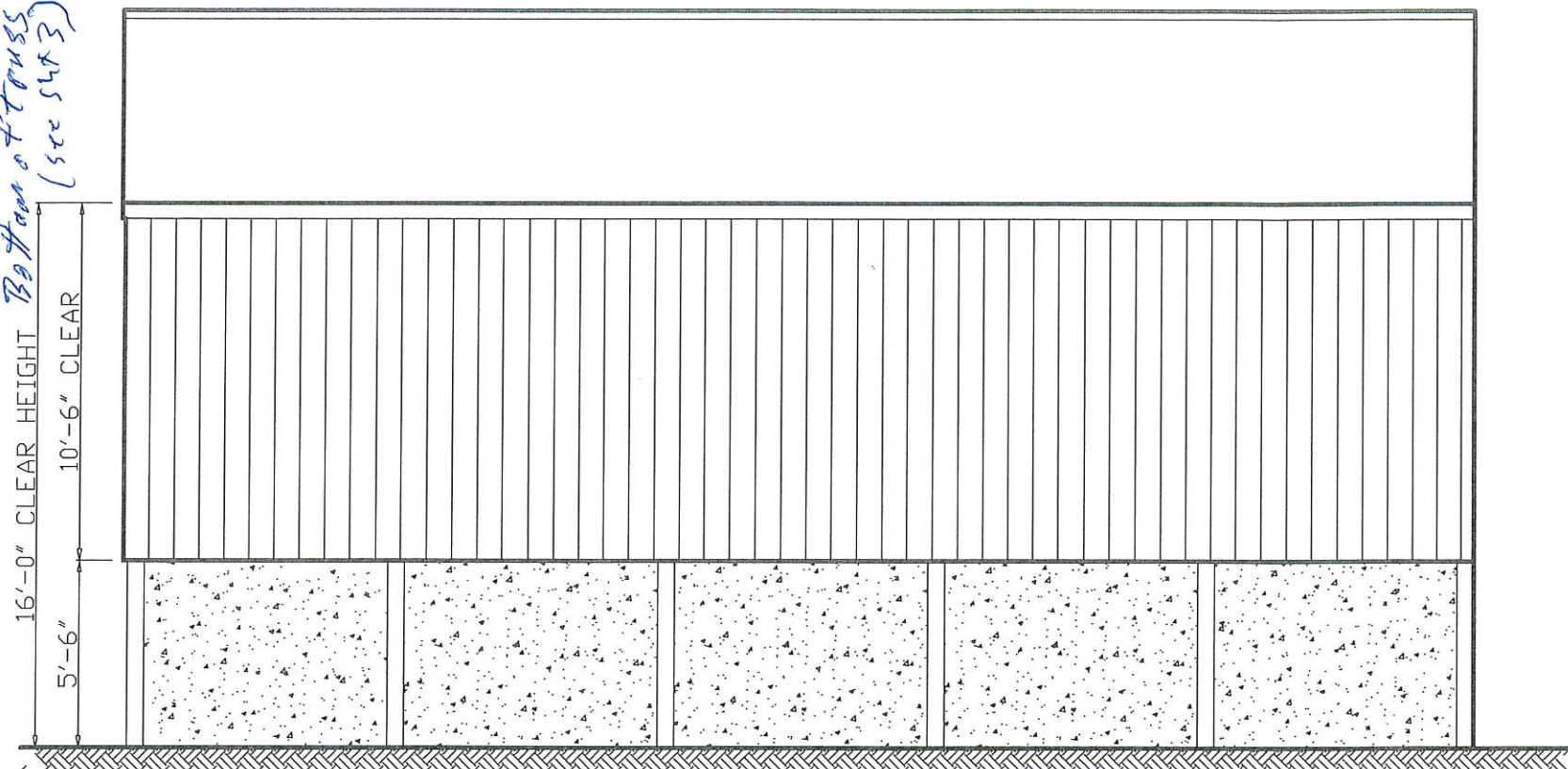
DRAWN	BY	DATE	DRAWING NO. LEWIS COUNTY.19054	REV.
19054	WAMBEKE	5-27-19	SCALE: 3/16" = 1'-0"	SHEET: 1 OF 8



**PLAN VIEW**

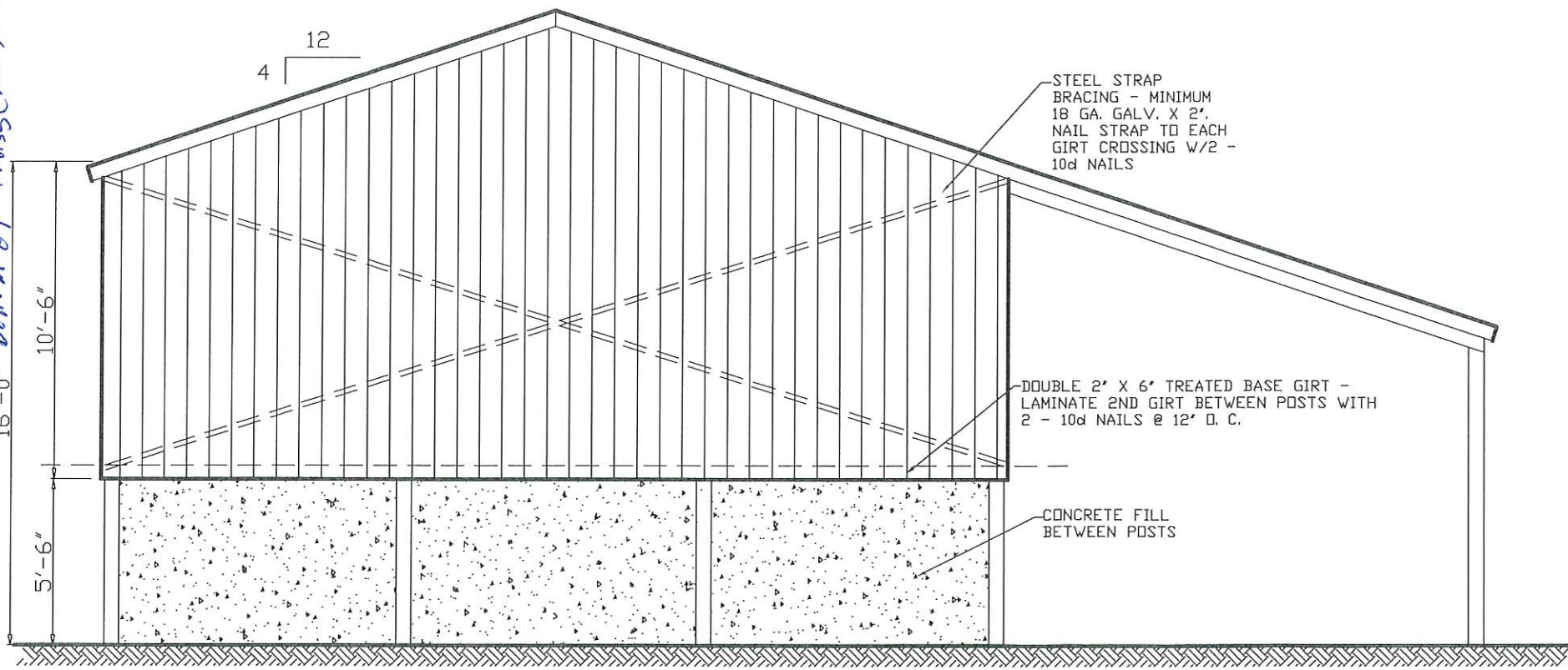
*Move lean-to to opposite side →*

*Bottom of Truss (see sheet 3)*



RIGHT SIDEWALL ELEVATION

*Bottom of Truss (see sheet 3)*



REAR ENDWALL ELEVATION

BUILDING SPECIFICATIONS:  
 GENERAL - ALL BUILDING CONSTRUCTION SHALL CONFORM TO THE (2015) <sup>OK</sup> INTERNATIONAL BUILDING CODE (IBC 2015). THESE SPECIFICATIONS AND PLANS ARE DESIGNED FOR 25 PSF ROOF LIVE (SNOW) LOAD, 110 MPH WIND SPEED, EXPOSURE C & SEISMIC DESIGN CATEGORY D.  
 DESIGN LOADS - ROOF LIVE LOAD = 25 PSF ROOF DEAD LOAD = 5 PSF\*  
 CEILING LIVE LOAD = 0 PSF CEILING DEAD LOAD = 1 PSF  
 \* ROOF DL ALLOWS FOR A MAXIMUM OF 3" THICKNESS OF FIBERGLASS INSULATION.  
 \* MAXIMUM SOIL BEARING PRESSURE = 1,500 PSF  
 MAXIMUM SOIL BEARING PRESSURE IS BASED ON CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT & SANDY SILT SOILS OR BETTER. OTHER SOIL CONDITIONS AT THE SITE WILL REQUIRE REVIEW AND FOOTING SIZE ADJUSTMENT BY THE ENGINEER.  
 CONCRETE - MINIMUM 28 DAY COMPRESSIVE STRENGTH  $F'_c = 2,500$  psi, 5 SACK MIX FOR FOOTINGS & CAST-IN-PLACE CONCRETE WALLS. CAST IN PLACE CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 318-14.  
 WOOD - STRUCTURAL LUMBER SHALL CONFORM TO DF-L #2 OR BETTER BY WPA GRADING RULES. MAXIMUM MOISTURE CONTENT SHALL BE 19% BY WEIGHT. NAILING SHALL CONFORM TO TABLE 23-II-B-1 & OTHER APPLICABLE SECTIONS OF CHAPTER 23 OF THE IBC. ALL NAILS INTO PRESERVATIVE TREATED WOOD SHALL BE HOT-DIP ZINC COATED GALVANIZED STEEL, SILICONE BRONZE, COPPER OR STAINLESS STEEL. TREATED WOOD SHALL CONFORM TO THE REQUIREMENTS OF AWPA CHAPTERS C-16, C-22, C-23, C-24 & C-28. POSTS FOR BUILDINGS SHALL BE AS NOTED ON THE PLANS. POSTS SHALL BE TAGGED FOR AND CONFORM TO AWPA STANDARD UC4B FOR BELOW GRADE USE. ALL POST MATERIALS SHALL BE HEM-FIR #2 OR BETTER, FULL DIMENSION AND GRADED BY WPA GRADING RULES. HARDWARE SHALL BE SIMPSON OR APPROVED EQUAL. ALL BOLTS SHALL CONFORM TO ASTM A307. METAL PANELS MAY BE DELTA RIB STYLE, GALVANIZED OR PAINTED, 29 GAUGE THICKNESS, ASTM A653 STRUCTURAL QUALITY (SQ),  $F_y = 80.0$  ksi. ROOF PANELS SHALL BE FASTENED TO PURLINS WITH PLATED, GASKETED 1 1/2" LONG METAL TO WOOD FASTENERS. WALL PANELS SHALL BE FASTENED TO GIRTS WITH PLATED, GASKETED 1" OR LONGER METAL TO WOOD FASTENERS. PANELS SHALL BE INSTALLED AND FASTENED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.  
 SOIL COMPACTION - ALL BACKFILLED SOIL BENEATH FOOTINGS SHALL BE COMPACTED WITH A VIBRATORY COMPACTOR TO 95% OF THE PROCTOR DENSITY AS DETERMINED BY ASTM A1557, METHOD D.  
 TRUSSES SHALL BE DESIGNED BY AND BEAR THE SEAL OF AN ENGINEER LICENSED TO PRACTICE IN THE STATE OF WASHINGTON.  
 TRUSS LOADING: TOP CHORD LIVE LOAD = 25 PSF  
 TOP CHORD DEAD LOAD = 5 PSF  
 BOTTOM CHORD DEAD LOAD = 1 PSF

*Add Tyvek (or equivalent) between roof metal and top of roof purlins*



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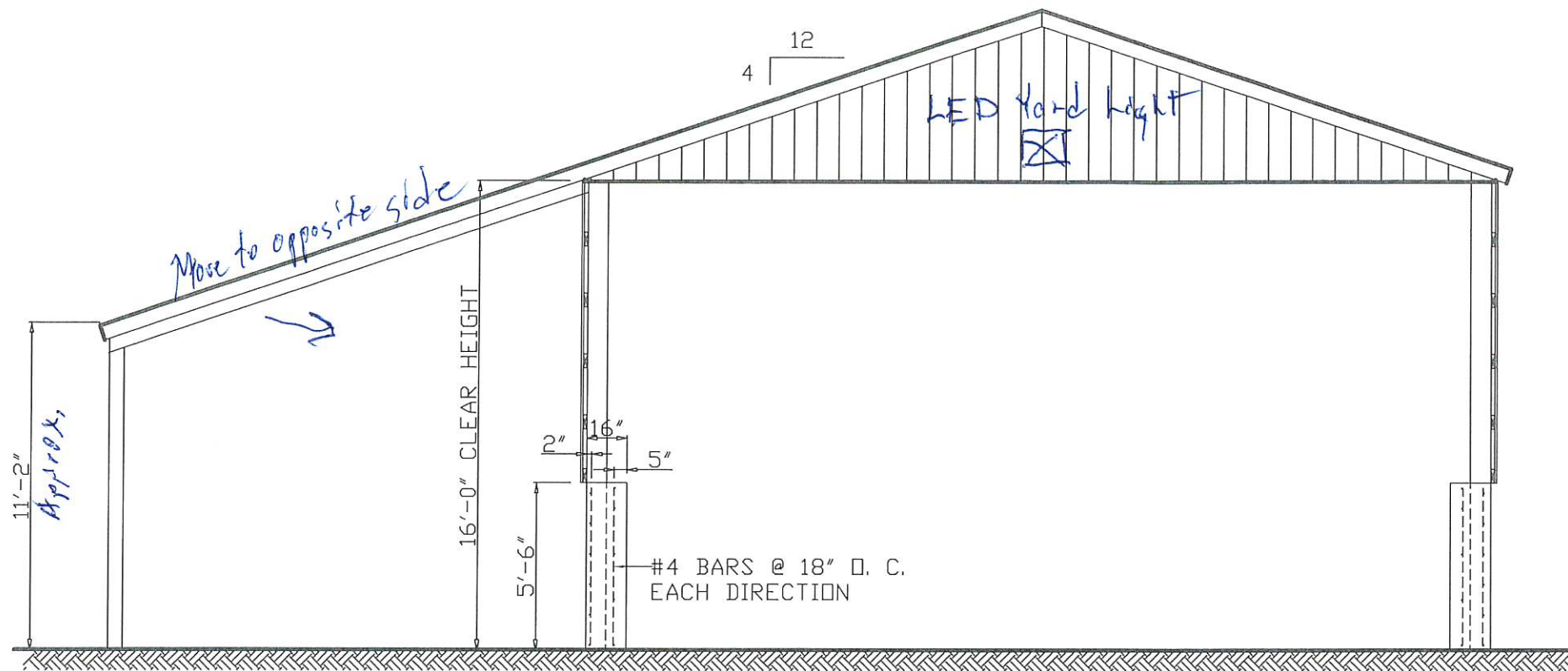
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30' X 40' X 16' CLEAR HEIGHT SALT/SAND SHED WITH  
 16' X 40' X 11'-2" OPEN LEAN-TO ONE SIDE FOR  
 LEWIS COUNTY, 46° 40' 25" N, -122° 54' 33" W

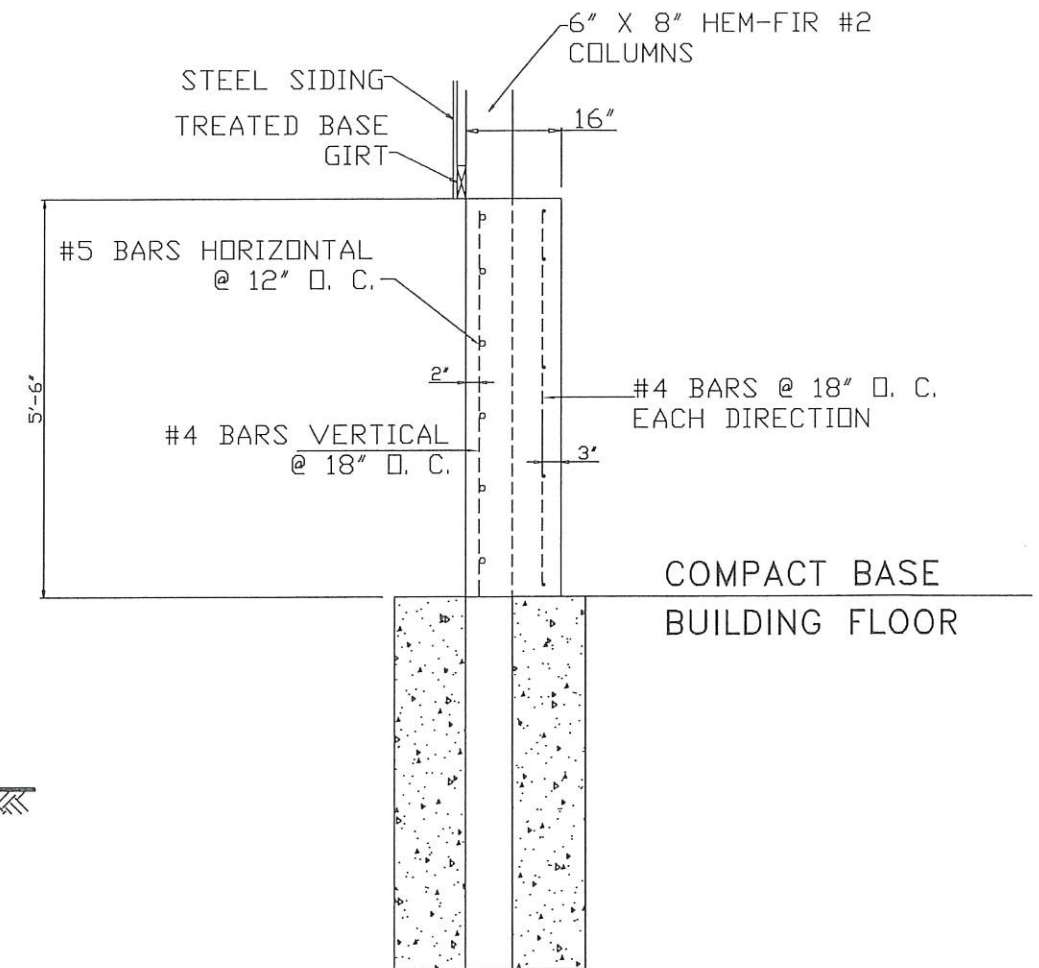
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LEWIS COUNTY PUBLIC WORKS  
 2025 N. E. KRESKY AVENUE  
 CHEHALIS, WASHINGTON 98532

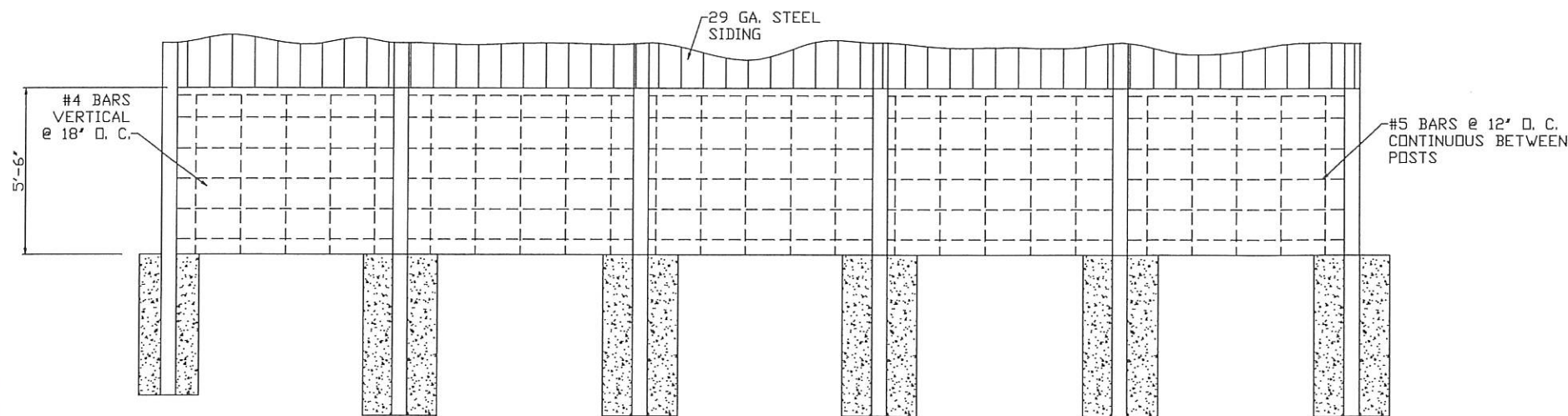
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19054	WAMBEKE	5-27-19	SCALE: 3/16" = 1'-0"	SHEET: 2 OF 8



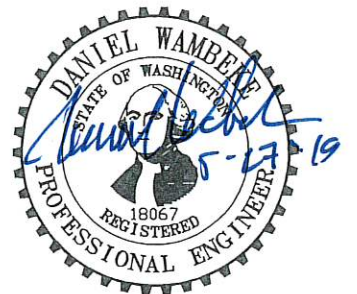
FRONT ENDWALL ELEVATION



SECTION THROUGH CONCRETE WALL



TYPICAL SIDEWALL ELEVATION SHOWING CONCRETE WALL REINFORCEMENT

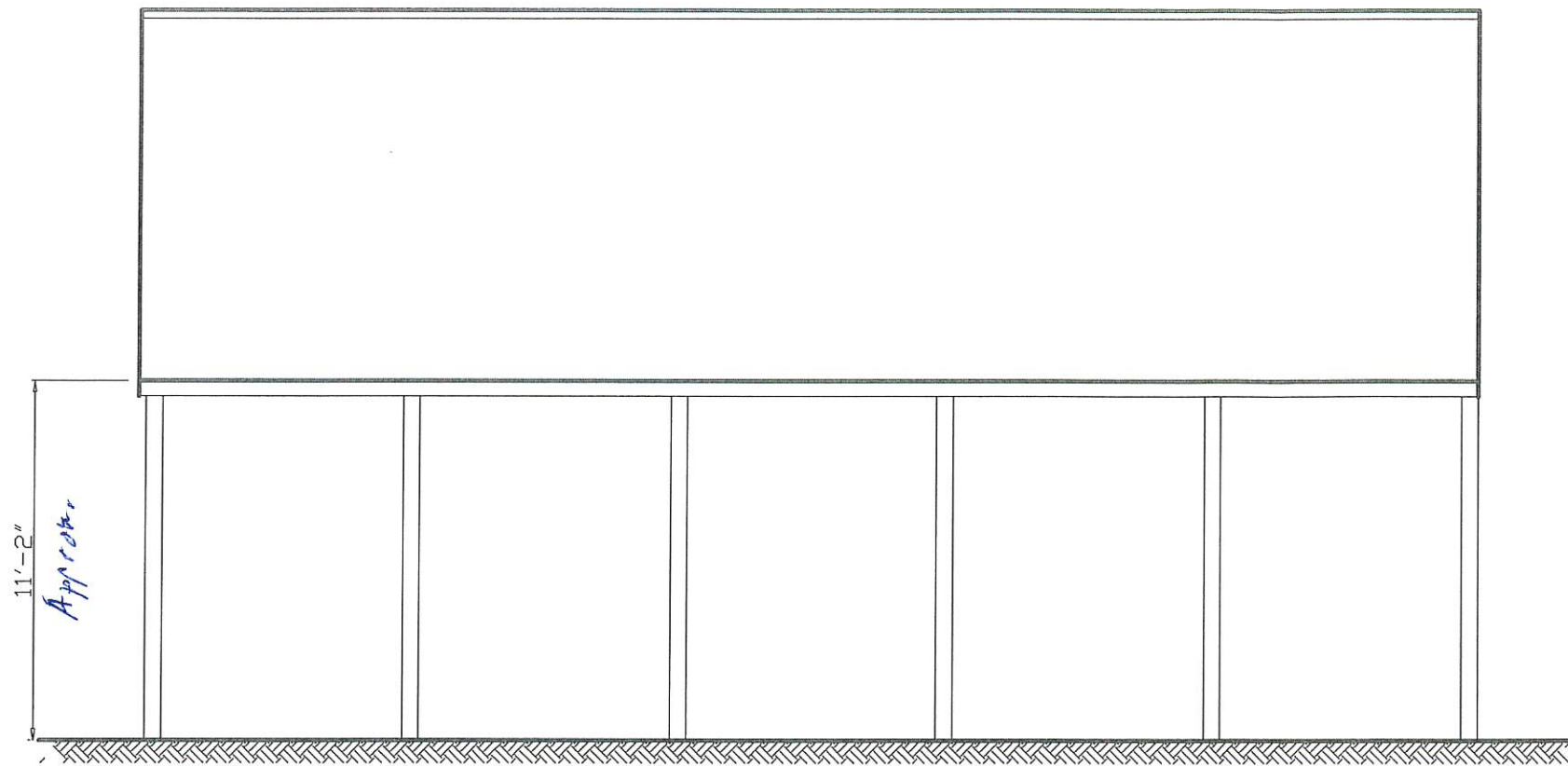


**WAMBEKE ENGINEERING**  
 Daniel Wambeke, P. E. 2913 East 61st Court  
 Spokane, WA 99223  
 Tel: 509-443-6186 Fax: 509-448-6582 e-mail: dwambeke@msn.com

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DRAWN	BY	DATE	DRAWING NO.:	LEWIS COUNTY.19054	REV.
19054	WAMBEKE	5-27-19	SCALE: 3/16" = 1'-0"	SHEET: 3 OF 8	



LEFT SIDEWALL ELEVATION



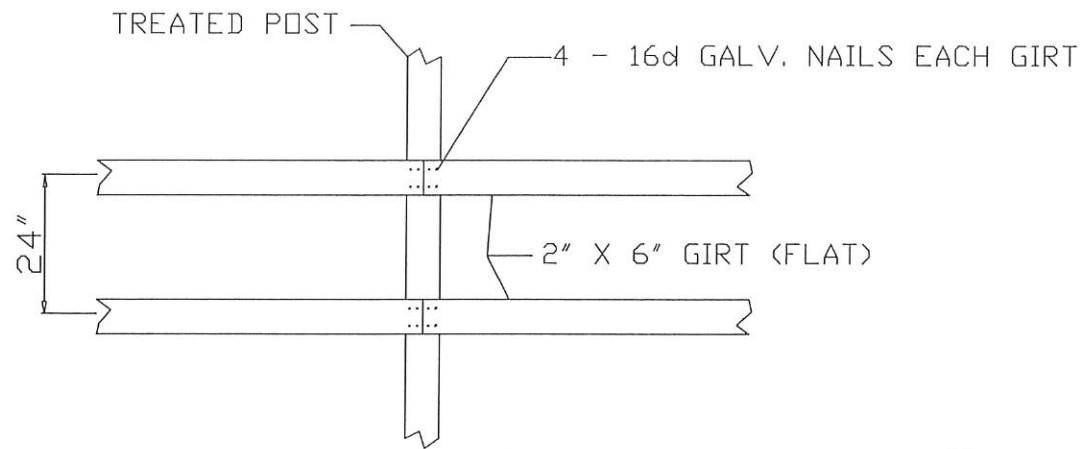
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19054	WAMBEKE	5-27-19	SCALE: 3/16" = 1'-0" SHEET: 4 OF 8	

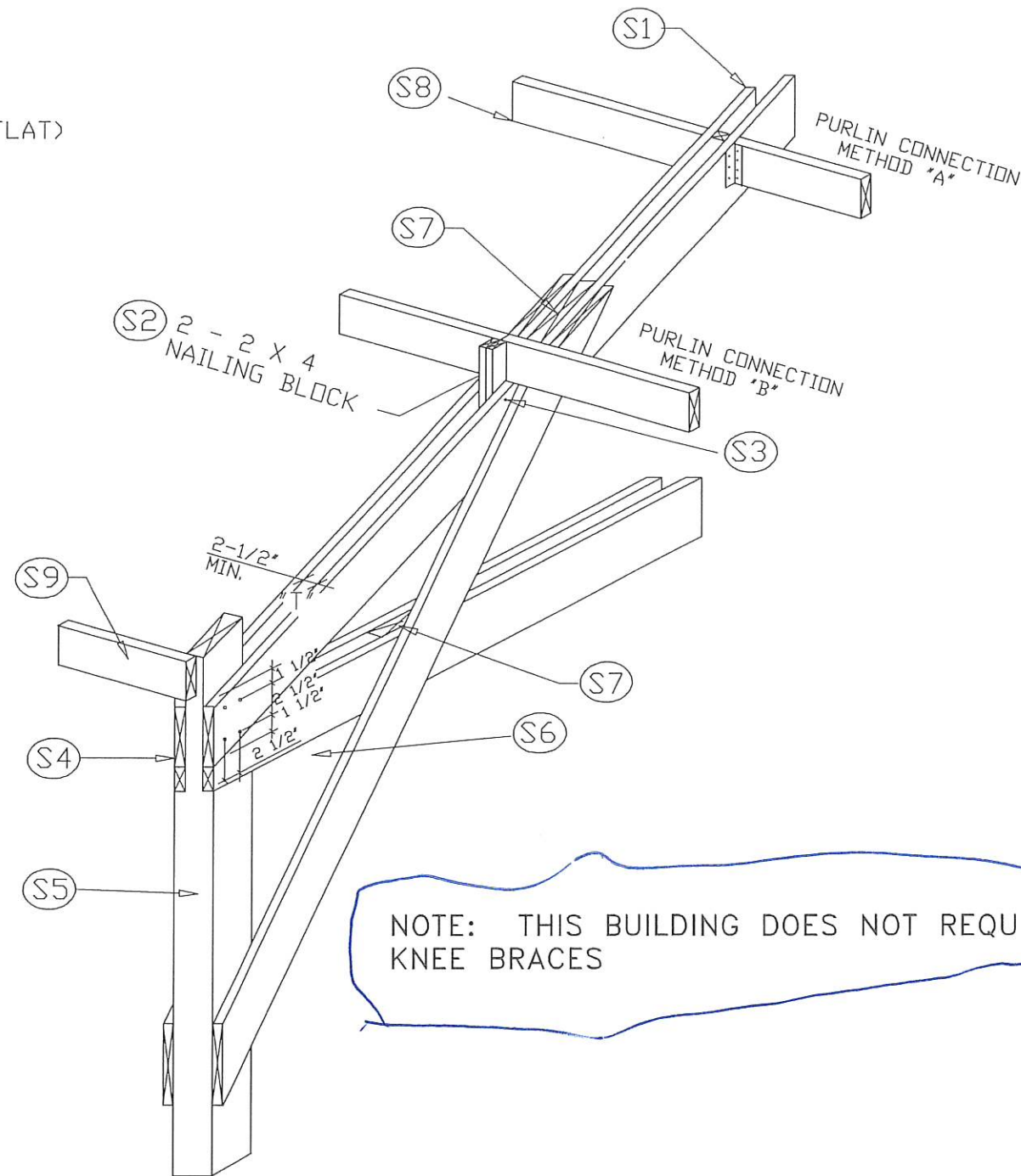




**TYPICAL GIRT CONNECTION**

**PURLIN CONNECTION METHODS:**

- A). PURLINS MAY BE HUNG OFF THE TRUSS TOP CHORD FACES W/ STANDARD SIMPSON JOIST HANGERS OR EQUAL.
- B). PURLINS MAY BE BUTTED AND NAILED W/(2) 16d NAILS INTO EACH PURLIN. TOENAIL BACK SIDE OF PURLIN W/(1) 16d NAIL INTO EACH TRUSS TOP CHORD MEMBER



NOTE: THIS BUILDING DOES NOT REQUIRE KNEE BRACES

**DETAIL 1 - TRUSS COLUMN CONNECTION, PURLIN SUPPORT**

N.T.S.

**NOTES FOR CONNECTION DETAIL**

- (S1) MANUFACTURED TRUSS TOP CHORDS TRUSS DESIGN BY TRUSS MANUFACTURER
- (S2) PURLIN SUPPORT STRUT 2" X "T" X FULL DEPTH OF TOP CHORD PLUS PURLIN. NAIL PURLINS W/(3) 16d NAILS
- (S3) NAIL STRUT TO TOP CHORD W/(3) 16d NAILS EACH SIDE.
- (S4) MANUFACTURED TRUSS NOTCH POSTS 1-1/2" EACH SIDE TO PROVIDE TRUSS SEAT.
- (S5) WOOD POSTS - SEE PLAN VIEW FOR POST SIZES
- (S6) (4) 40d NAILS IN PRE-DRILLED 3/16" PILOT HOLES, EACH SIDE
- (S7) SOLID BLOCKING AT CONNECTION POINTS.
- (S8) TYP. PURLINS 2" X 6" DF-L #2 @ 24" O. C.
- (S9) 2" X 6" EAVE GIRT

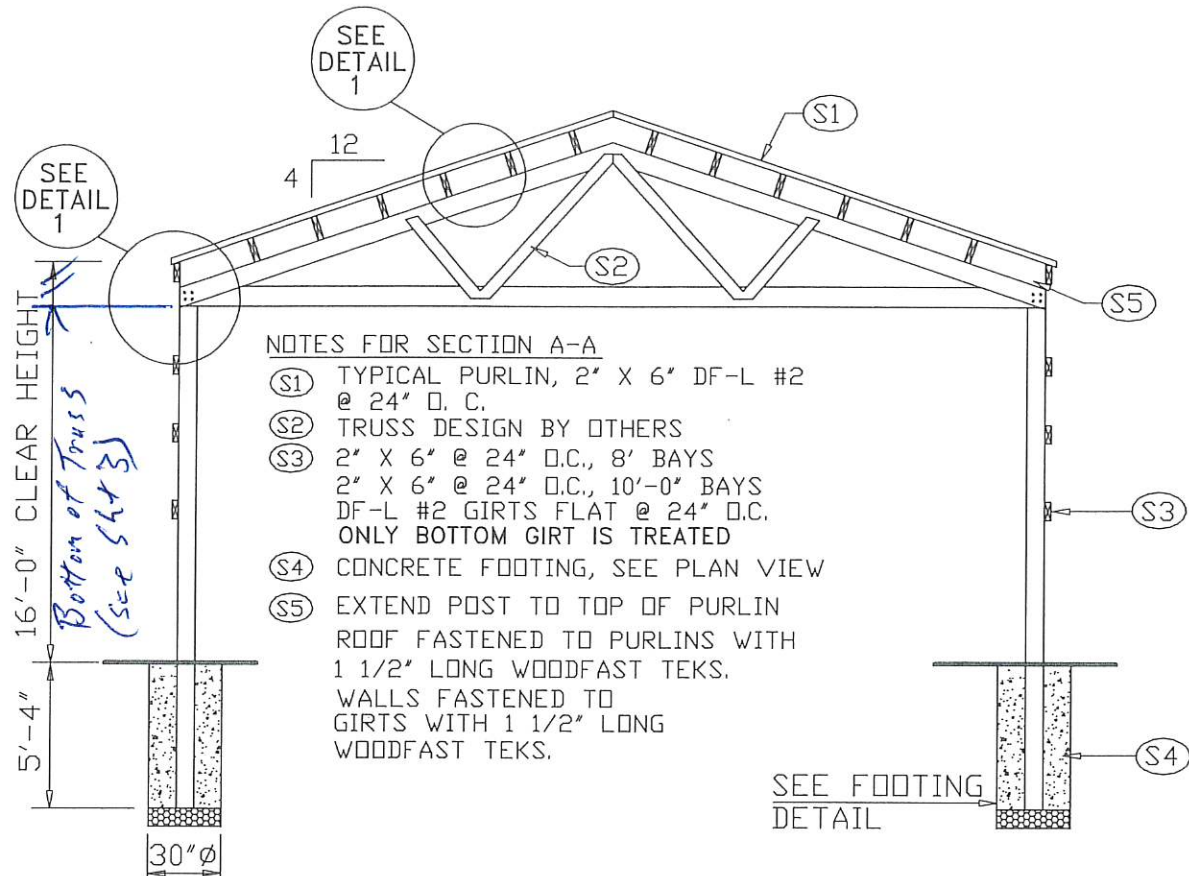


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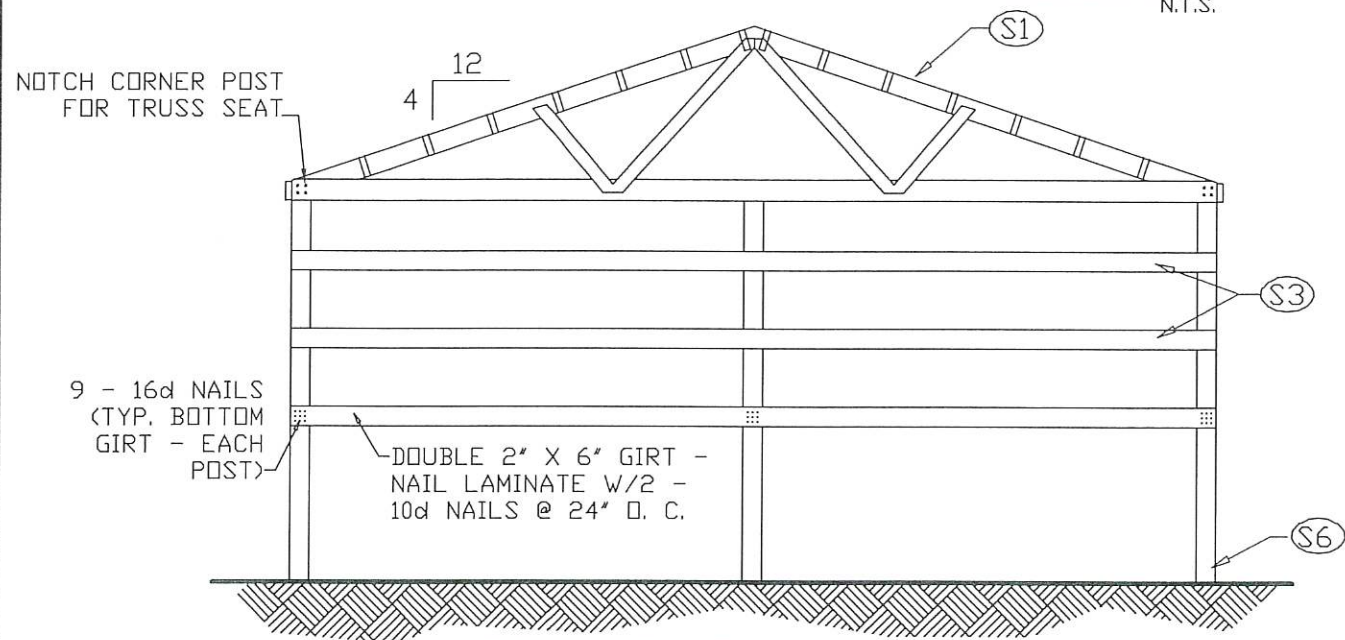


**NOTES FOR SECTION A-A**

- (S1) TYPICAL PURLIN, 2" X 6" DF-L #2 @ 24" O. C.
- (S2) TRUSS DESIGN BY OTHERS
- (S3) 2" X 6" @ 24" O.C., 8' BAYS  
2" X 6" @ 24" O.C., 10'-0" BAYS  
DF-L #2 GIRTS FLAT @ 24" O.C.  
ONLY BOTTOM GIRT IS TREATED
- (S4) CONCRETE FOOTING, SEE PLAN VIEW
- (S5) EXTEND POST TO TOP OF PURLIN  
ROOF FASTENED TO PURLINS WITH  
1 1/2" LONG WOODFAST TEKS.  
WALLS FASTENED TO  
GIRTS WITH 1 1/2" LONG  
WOODFAST TEKS.

**BUILDING SECTION A-A**

N.T.S.

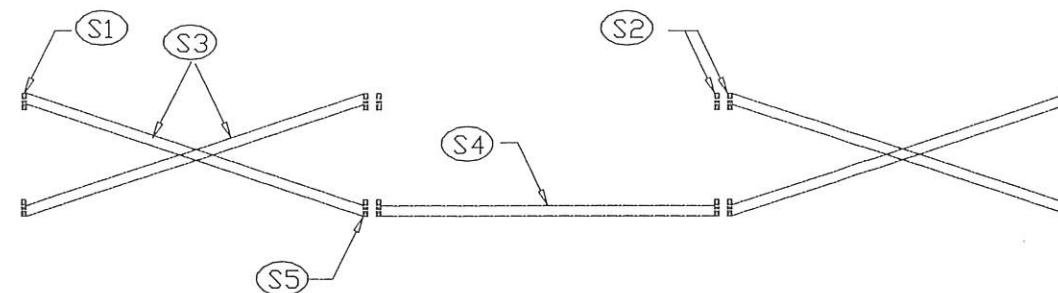


**FRONT ELEVATION**

N.T.S.

**NOTES FOR FRONT ELEVATION**

- (S1) HALF TRUSS DESIGN BY OTHERS  
SUPPORT PURLINS @ END TRUSS W/2" X 6"  
STANDARD JOIST HANGERS,
- (S3) 2" X 6" GIRTS @ 24" O.C., 8'-6" BAYS, DF-L #2
- (S5) TREATED WOOD POSTS, SEE PLAN FOR SIZE
- (S6) DOUBLE TREATED 2" X 6" BOTTOM GIRT



**TYPICAL TRUSS BOTTOM CHORD BRACING**

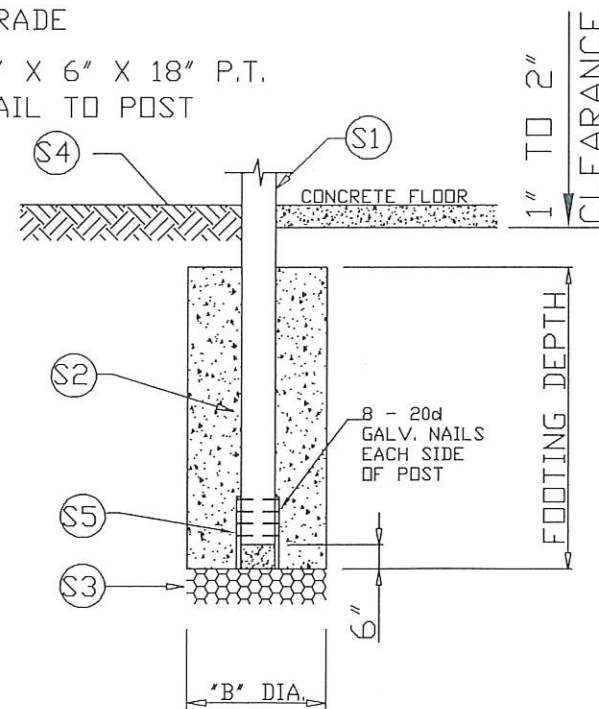
**NOTES FOR TRUSS BOTTOM CHORD BRACING**

N.T.S.

- (S1) GABLE END TRUSS
- (S2) DOUBLE INTERIOR TRUSSES
- (S3) 2" X 4" X-BRACING @ 10' 0" O.C.
- (S4) 2" X 4" BOTTOM CHORD BRACING @ 10' 0" O.C.
- (S5) TOENAIL BRACES TO TRUSSES WITH  
3 - 10d NAILS

**NOTES FOR FOOTING DETAIL**

- (S1) TREATED POSTS AS SIZED PER SCHEDULE
- (S2) VIBRATE OR ROD CONCRETE TO OBTAIN  
FULL BEARING
- (S3) UNDISTURBED SOIL
- (S4) GRADE
- (S5) 2" X 6" X 18" P.T.  
NAIL TO POST



**FOOTING DETAIL**

N.T.S.



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SHEATHING REQUIRMENTS

THE FOLLOWING MINIMUM ROOF DIAPHRAGM REQUIREMENTS ARE NEEDED:  
 \* ROOF STEEL: 29 GAUGE GRAND-RIB III, 36" WIDTH OR EQUIVALENT  
 \* FIELD SCREWS: #10 x 1 1/2" AT 9" O.C. (NEXT TO HIGH RIB)  
 \* EAVE AND RIDGE PURLIN SCREWS: #14 x 1 1/2" AT BOTH SIDES OF EACH MAJOR RIB

THE FOLLOWING MINIMUM ENDWALL DIAPHRAGM REQUIRMENTS ARE NEEDED:  
 \* ENDWALL STEEL: 29 GAUGE GRAND-RIB III, 36" WIDTH OR EQUIVALENT  
 \* FIELD SCREWS: #10 x 1 1/2" @ 9" O.C. (NEXT TO HIGH RIB)  
 \* BASE GIRT, END TRUSS, AND DOOR HEADER SCREWS: #14 x 1 1/2" @ BOTH SIDES OF EACH MAJOR RIB.



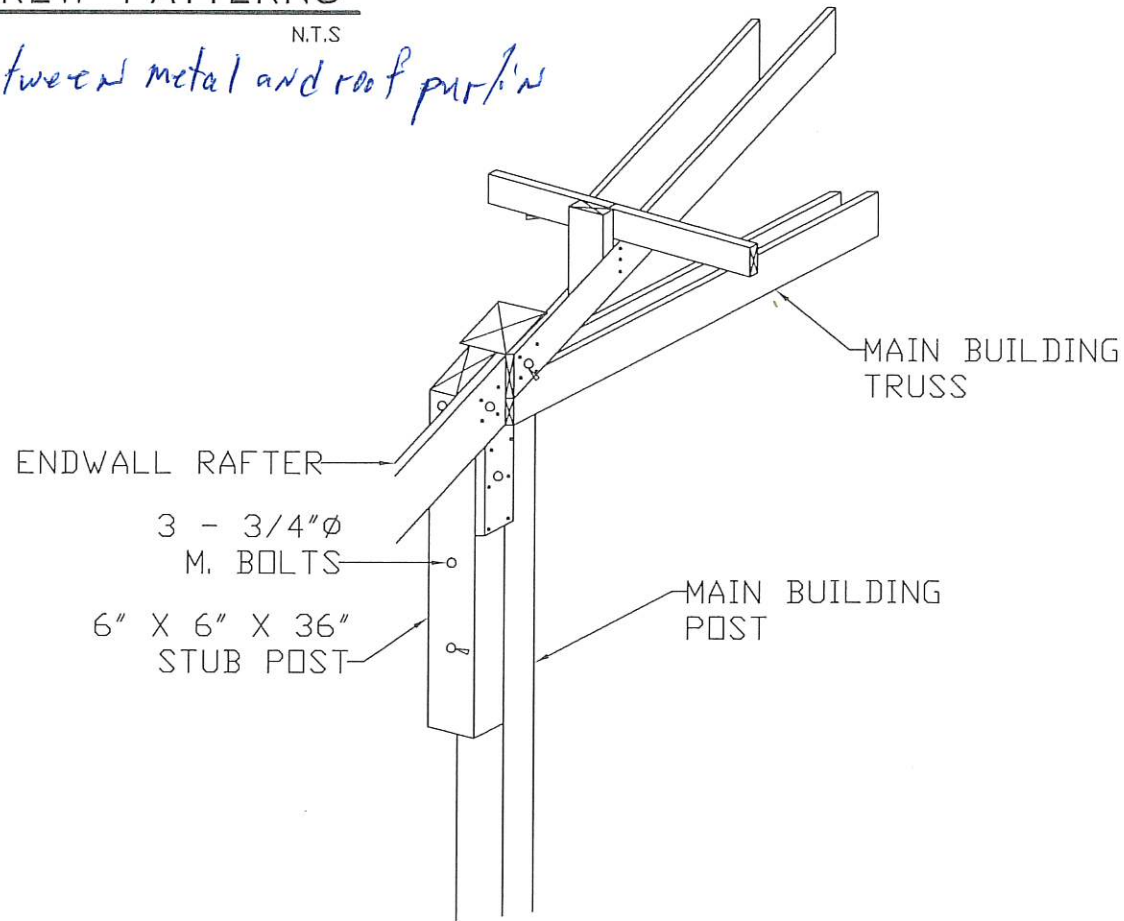
DIAPHRAGM SCREWS @ ENDWALL BASE GIRT ACROSS ENDWALL DOOR HEADERS & GABLE END TRUSS TOP CHORD, EAVE & RIDGE PURLINS ON ROOF



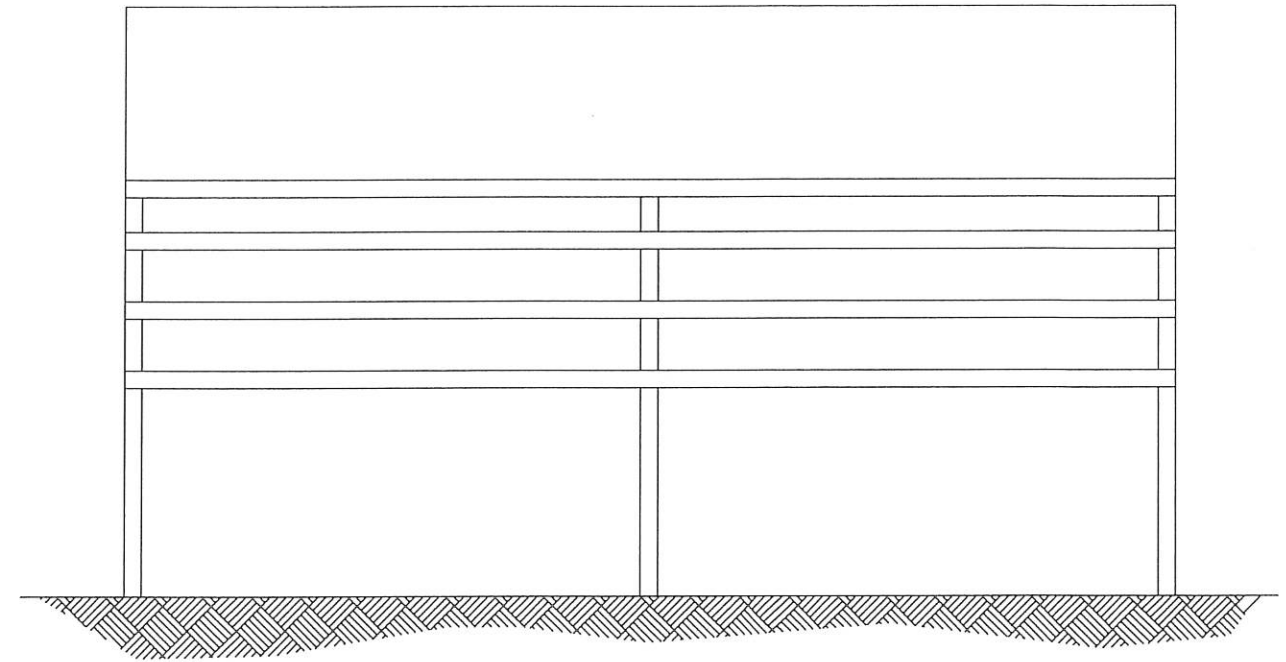
DIAPHRAGM SCREWS; TYPICAL SCREW PATTERN, EXCEPT AS NOTED ABOVE

STEEL SHEETING SCREW PATTERNS

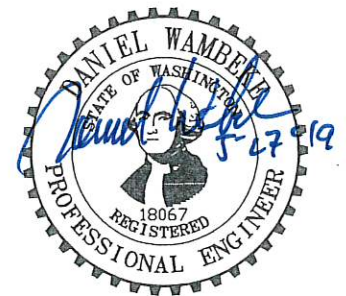
*Tyvek vapor barrier between metal and roof purlin*



LEAN-TO CONNECTION TO MAIN BUILDING @ CORNER POST



TYPICAL SIDE ELEVATION  
N.T.S.



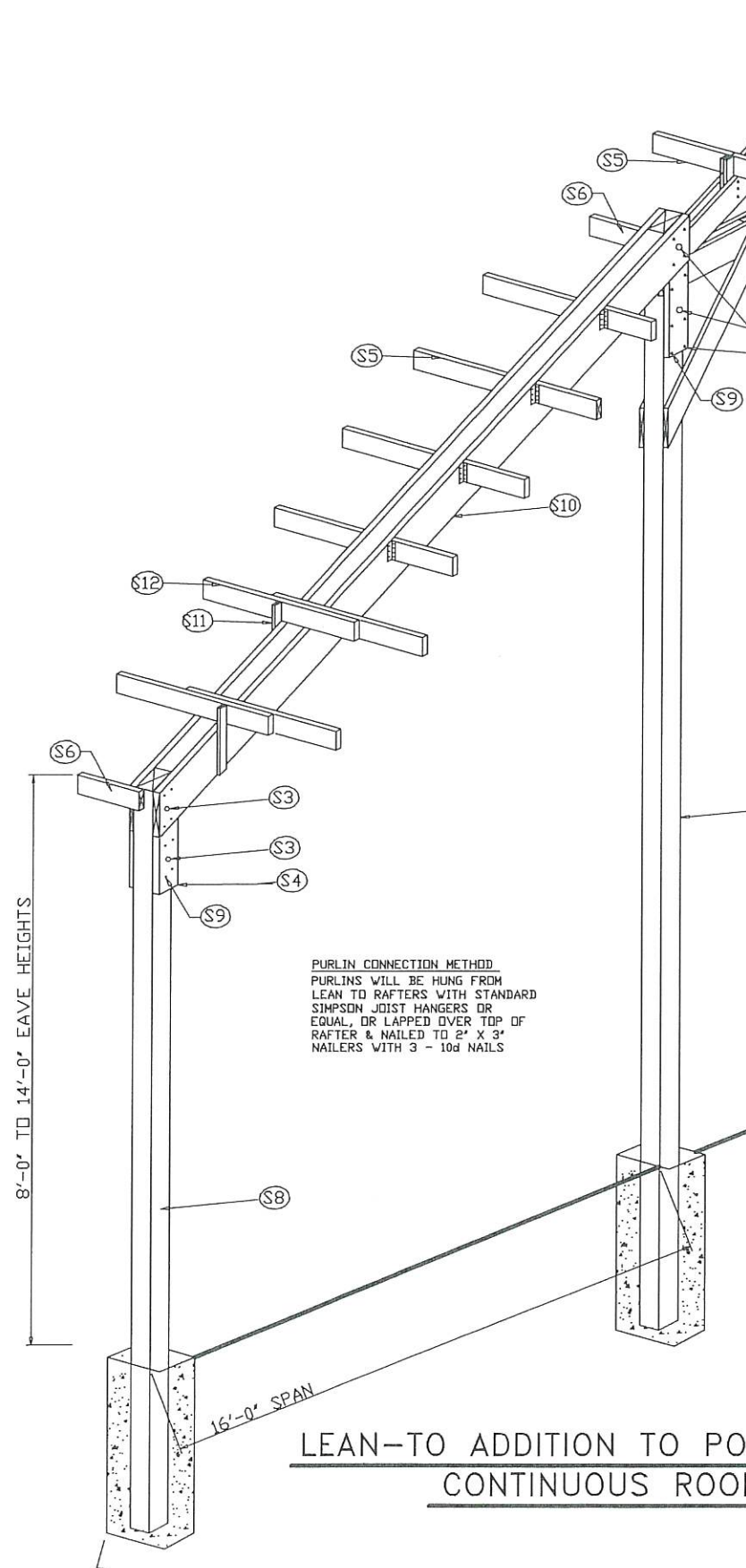
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19054	WAMBEKE	5-27-19	SCALE: 1/4" = 1'-0" SHEET: 7 OF 8	

*See Note Sheet 5*

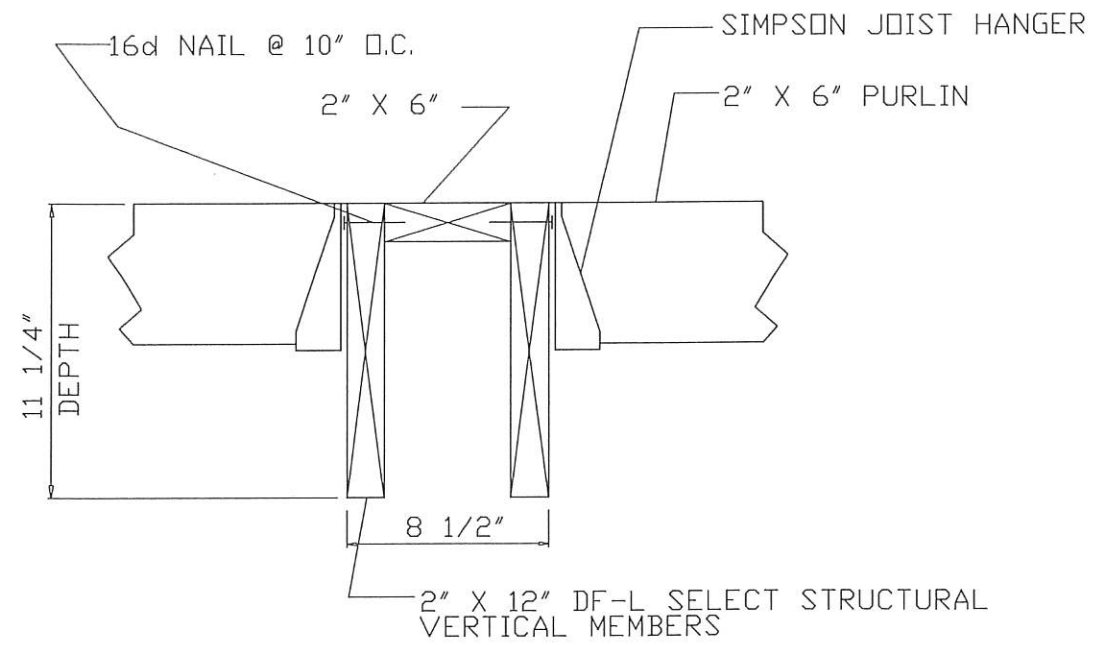


- NOTES FOR LEAN TO CONNECTION DETAIL**
- S1 MANUFACTURED TRUSS NOTCH POSTS 1-1/2" EACH SIDE TO PROVIDE TRUSS SEAT.
  - S2 TRUSS SUPPORT POST. SEE POST/FOOTING SCHEDULE.
  - S3 3/4" DIA. MACHINE BOLT & 8 - 16d NAILS
  - S4 2" X 6" X 24" DF-L CONNECTION BLOCK. PROVIDE BLOCK EACH SIDE OF POST. PROVIDE TWO BLOCKS FOR DOUBLE 2" X ... RAFTERS
  - S5 TYP. PURLINS 2" X 6" DF-L #2 @ 24" O. C.
  - S6 2" X 6" EAVE GIRT
  - S8 6" X 6" FULL SIZE LEAN TO POST
  - S9 16d NAILS
  - S10 LEAN-TO RAFTERS 2" X 12" DF-L SELECT STRUCTURAL
  - S11 2" X 3" PURLIN NAILER FOR PURLINS OVER TOP OF RAFTER
  - S12 PURLINS LAPPED OVER TOP OF RAFTER

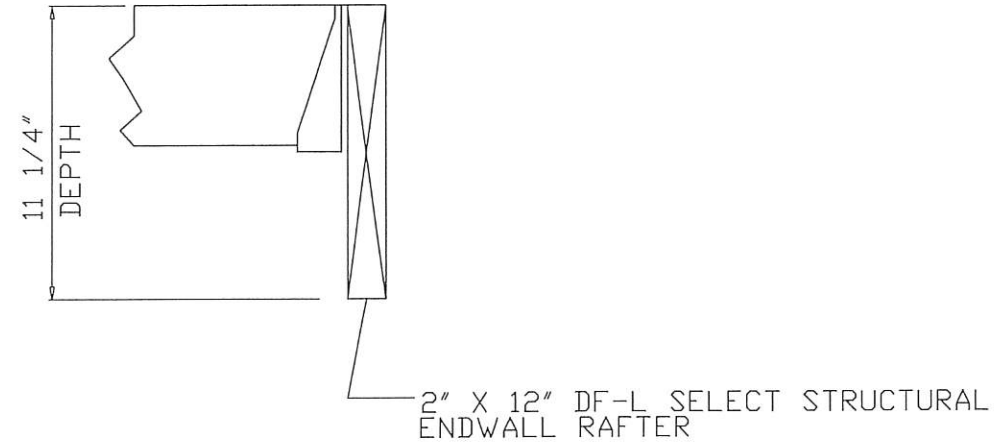
**PURLIN CONNECTION METHOD**  
 PURLINS WILL BE HUNG FROM LEAN TO RAFTERS WITH STANDARD SIMPSON JOIST HANGERS OR EQUAL, OR LAPPED OVER TOP OF RAFTER & NAILED TO 2" X 3" NAILERS WITH 3 - 10d NAILS

**LEAN-TO ADDITION TO POST FRAME BUILDING  
 CONTINUOUS ROOF SLOPE**

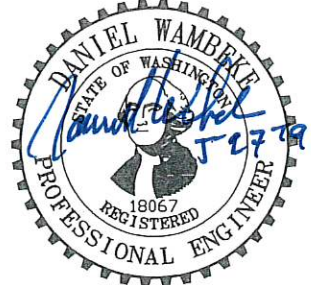
N.T.S.



**SECTION A - A  
 STANDARD RAFTER DETAILS**



**SECTION A - A  
 STANDARD ENDWALL RAFTER DETAILS**



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19054	WAMBEKE	5-27-19	SCALE:	1/4" = 1'-0"	SHEET: 8 OF 8

Site 3; Mineral Crk Rd

# Lewis County



9/3/2019, 3:54:37 PM

- Roads**
- Out of County
  - State
  - County
  - City
  - Private
  - USFS
  - Other

418 Mineral Crk Rd

1:2,257

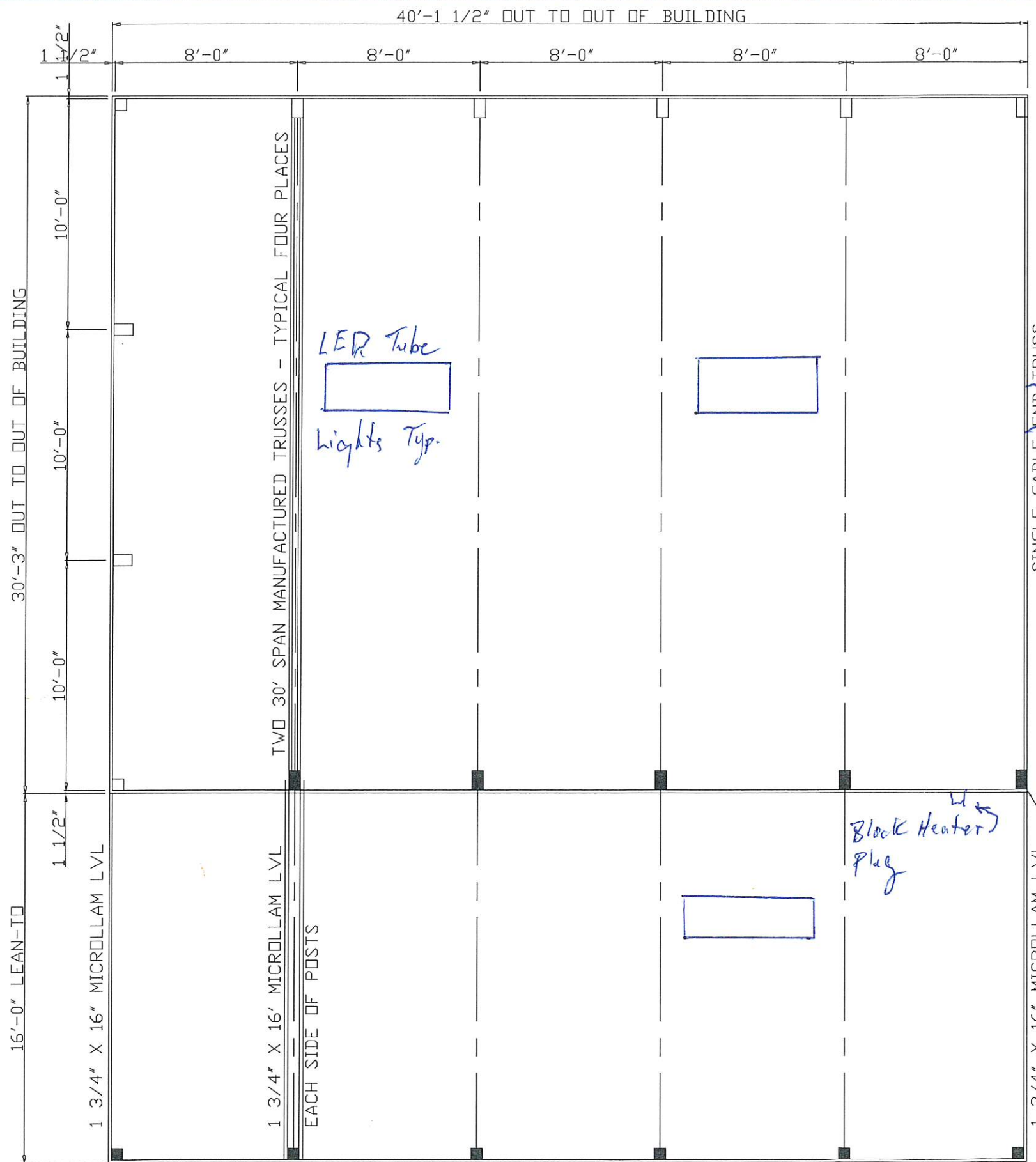
0 120 240 480 ft  
 NAD 1983 StatePlane Washington South FIPS 4602 Feet



PROJECT/CODE INFORMATION

- A. PROJECT:  
 1. LEWIS COUNTY PUBLIC WORKS MINERAL SITE  
 2. SITE ADDRESS: ~~46° 42' 32" N, -122° 09' 33" W~~ 418 Mineral Lake Rd  
 3. LEGAL DESCRIPTION: UNKNOWN
- B. ENTITIES:  
 1. OWNER: LEWIS COUNTY PUBLIC WORKS  
 2. ENGINEER: DANIEL WAMBEKE, P.E. WAMBEKE ENGINEERING (509) 443-6186  
 3. CONTRACTOR: UNKNOWN  
 4. CONTACT PERSON: MALCOLM BOWIE
- C. PROJECT DESCRIPTION:  
 1. NEW 30' x 40' x 16'-0" CLEAR HEIGHT BUILDING, POST FRAME WITH ATTACHED LEAN-TO 16' X 40' X 11'-2"  
 2. OCCUPANCY GROUP: S1  
 3. CONSTRUCTION TYPE: VB  
 4. HEIGHT 21'-6"
- D. DESIGN LOADS:  
 1. SNOW - 115 PSF  
 2. WIND - 110 MPH, EXPOSURE C  
 3. SEISMIC DESIGN CATEGORY - D  
 4. FROST DEPTH - 24"
- E. MECHANICAL EQUIPMENT  
 1. BUILDING IS UNHEATED, EXCEPT FOR TEMPORARY HEATING EQUIPMENT WITH MAXIMUM BTU OUTPUT UP TO 3 BTU/SQUARE FOOT.  
 2. INTERIOR OF BUILDING IS NOT LIGHTED AND NO LIGHTING SOURCES ARE PROVIDED.

DELETE  
 See Special Provisions  
 LED Yard Light



- 6' X 6' ROUGH CUT HEM-FIR #2 TREATED LEAN-TO POSTS EMBEDDED IN 30" X 3'-0" DEEP CONCRETE FOOTINGS
- 6' X 6' ROUGH CUT HEM-FIR #2 TREATED CORNER POSTS EMBEDDED IN 32" X 3'-8" DEEP CONCRETE FOOTINGS
- 6' X 8' ROUGH CUT HEM-FIR #2 TREATED ENDWALL POSTS EMBEDDED IN 30" X 5'-9" DEEP CONCRETE FOOTINGS
- 6' X 10' ROUGH CUT HEM-FIR #2 TREATED LEAN-TO SIDEWALL POSTS EMBEDDED IN 52" X 3'-0" DEEP CONCRETE FOOTINGS
- 6' X 8' ROUGH CUT HEM-FIR #2 TREATED PLAIN SIDEWALL POSTS EMBEDDED IN 42" X 3'-0" DEEP CONCRETE FOOTINGS

NOTCH CORNER POST FOR TRUSS SEAT



REVISED 7-31-19

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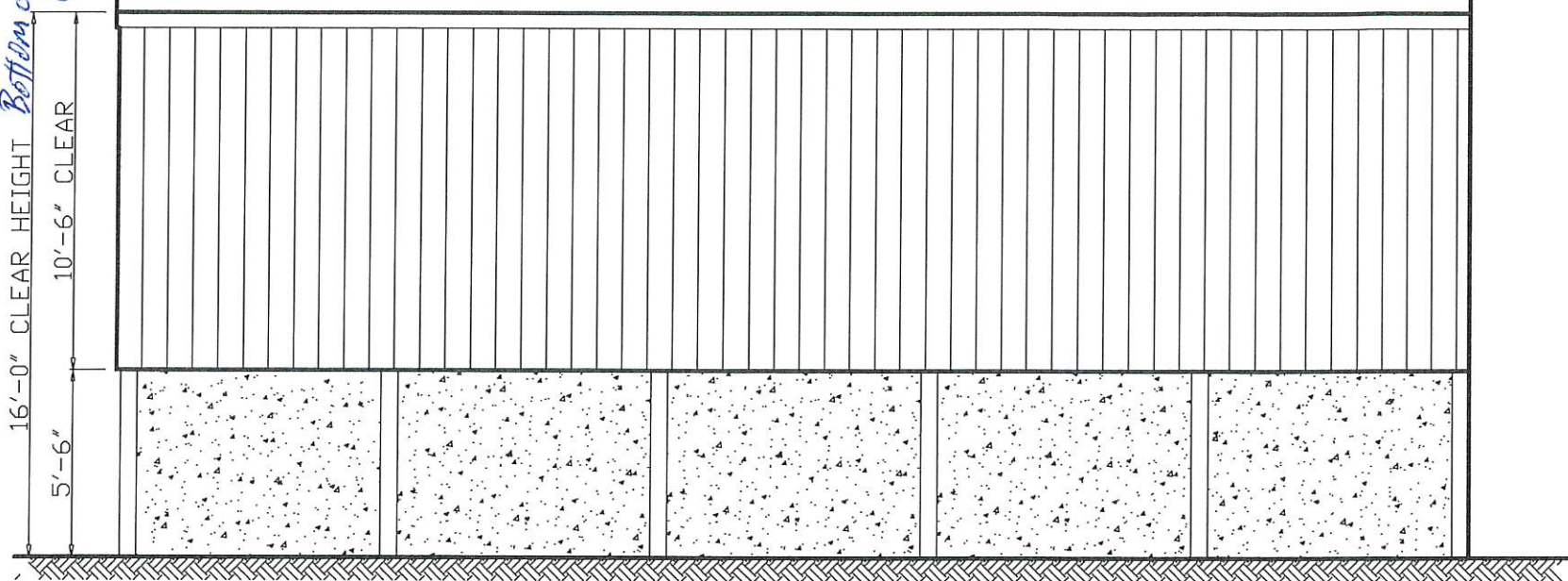
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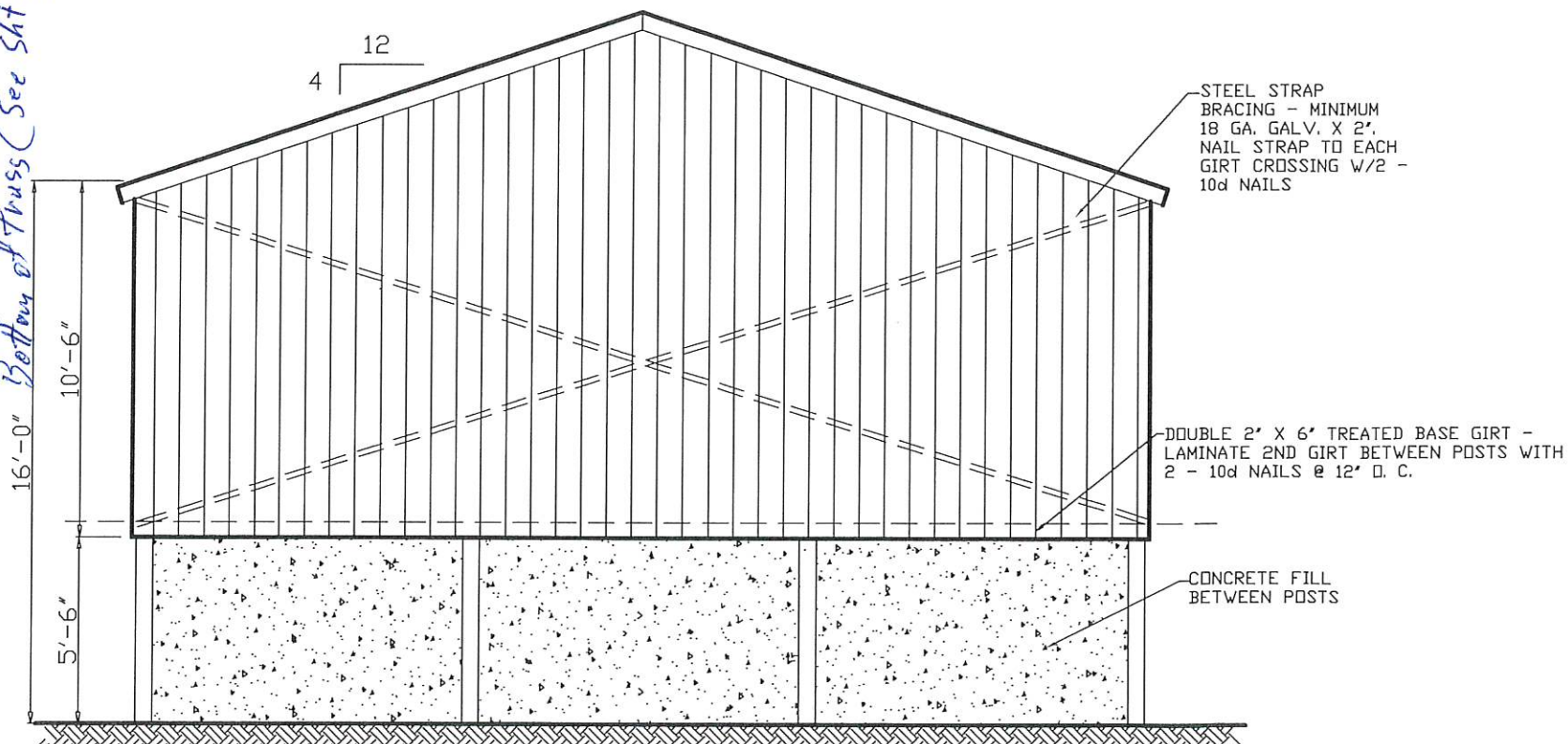
PLAN VIEW

Bottom of Truss (See Sht 3)



TYPICAL SIDEWALL ELEVATION

Bottom of Truss (See Sht 3)



REAR ENDWALL ELEVATION

BUILDING SPECIFICATIONS:  
GENERAL - ALL BUILDING CONSTRUCTION SHALL CONFORM TO THE 2015 INTERNATIONAL BUILDING CODE (IBC 2015). THESE SPECIFICATIONS AND PLANS ARE DESIGNED FOR 115 PSF ROOF LIVE (SNOW) LOAD, 110 MPH WIND SPEED, EXPOSURE C & SEISMIC DESIGN CATEGORY D.

DESIGN LOADS - ROOF LIVE LOAD = 115 PSF      ROOF DEAD LOAD = 5 PSF\*  
CEILING LIVE LOAD = 0 PSF      CEILING DEAD LOAD = 1 PSF  
\* ROOF DL ALLOWS FOR A MAXIMUM OF 3" THICKNESS OF FIBERGLASS INSULATION.  
\* MAXIMUM SOIL BEARING PRESSURE = 1,500 PSF  
MAXIMUM SOIL BEARING PRESSURE IS BASED ON CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT & SANDY SILT SOILS OR BETTER. OTHER SOIL CONDITIONS AT THE SITE WILL REQUIRE REVIEW AND FOOTING SIZE ADJUSTMENT BY THE ENGINEER.  
CONCRETE - MINIMUM 28 DAY COMPRESSIVE STRENGTH  $F'_c = 2,500$  psi, 5 SACK MIX FOR FOOTINGS & CAST-IN-PLACE CONCRETE WALLS. CAST IN PLACE CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 318-14.

WOOD - STRUCTURAL LUMBER SHALL CONFORM TO DF-L #2 OR BETTER BY WWA GRADING RULES. MAXIMUM MOISTURE CONTENT SHALL BE 19% BY WEIGHT. NAILING SHALL CONFORM TO TABLE 2304.10.1 & OTHER APPLICABLE SECTIONS OF CHAPTER 23 OF THE IBC. ALL NAILS INTO PRESERVATIVE TREATED WOOD SHALL BE HOT-DIP ZINC COATED GALVANIZED STEEL, SILICONE BRONZE, COPPER OR STAINLESS STEEL. TREATED WOOD SHALL CONFORM TO THE REQUIREMENTS OF AWPA CHAPTERS C-16, C-22, C-23, C-24 & C-28. POSTS FOR BUILDINGS SHALL BE AS NOTED ON THE PLANS. POSTS SHALL BE TAGGED FOR AND CONFORM TO AWPA STANDARD UC4B FOR BELOW GRADE USE. ALL POST MATERIALS SHALL BE HEM-FIR #2 OR BETTER, FULL DIMENSION AND GRADED BY WWA GRADING RULES. HARDWARE SHALL BE SIMPSON OR APPROVED EQUAL. ALL BOLTS SHALL CONFORM TO ASTM A307. METAL PANELS MAY BE DELTA RIB STYLE, GALVANIZED OR PAINTED, 29 GAUGE THICKNESS, ASTM A653 STRUCTURAL QUALITY (SQ),  $F_y = 80.0$  ksi. ROOF PANELS SHALL BE FASTENED TO PURLINS WITH PLATED, GASKETED  $1 \frac{1}{2}$ " LONG METAL TO WOOD FASTENERS. WALL PANELS SHALL BE FASTENED TO GIRTS WITH PLATED, GASKETED 1" OR LONGER METAL TO WOOD FASTENERS. PANELS SHALL BE INSTALLED AND FASTENED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

SOIL COMPACTION - ALL BACKFILLED SOIL BENEATH FOOTINGS SHALL BE COMPACTED WITH A VIBRATORY COMPACTOR TO 95% OF THE PROCTOR DENSITY AS DETERMINED BY ASTM A1557, METHOD D.

TRUSSES SHALL BE DESIGNED BY AND BEAR THE SEAL OF AN ENGINEER LICENSED TO PRACTICE IN THE STATE OF WASHINGTON.

TRUSS LOADING: TOP CHORD LIVE LOAD = 115 PSF  
TOP CHORD DEAD LOAD = 5 PSF  
BOTTOM CHORD DEAD LOAD = 1 PSF

*Add Tyvek (or equivalent) between Roof Metal and top of roof purlin*



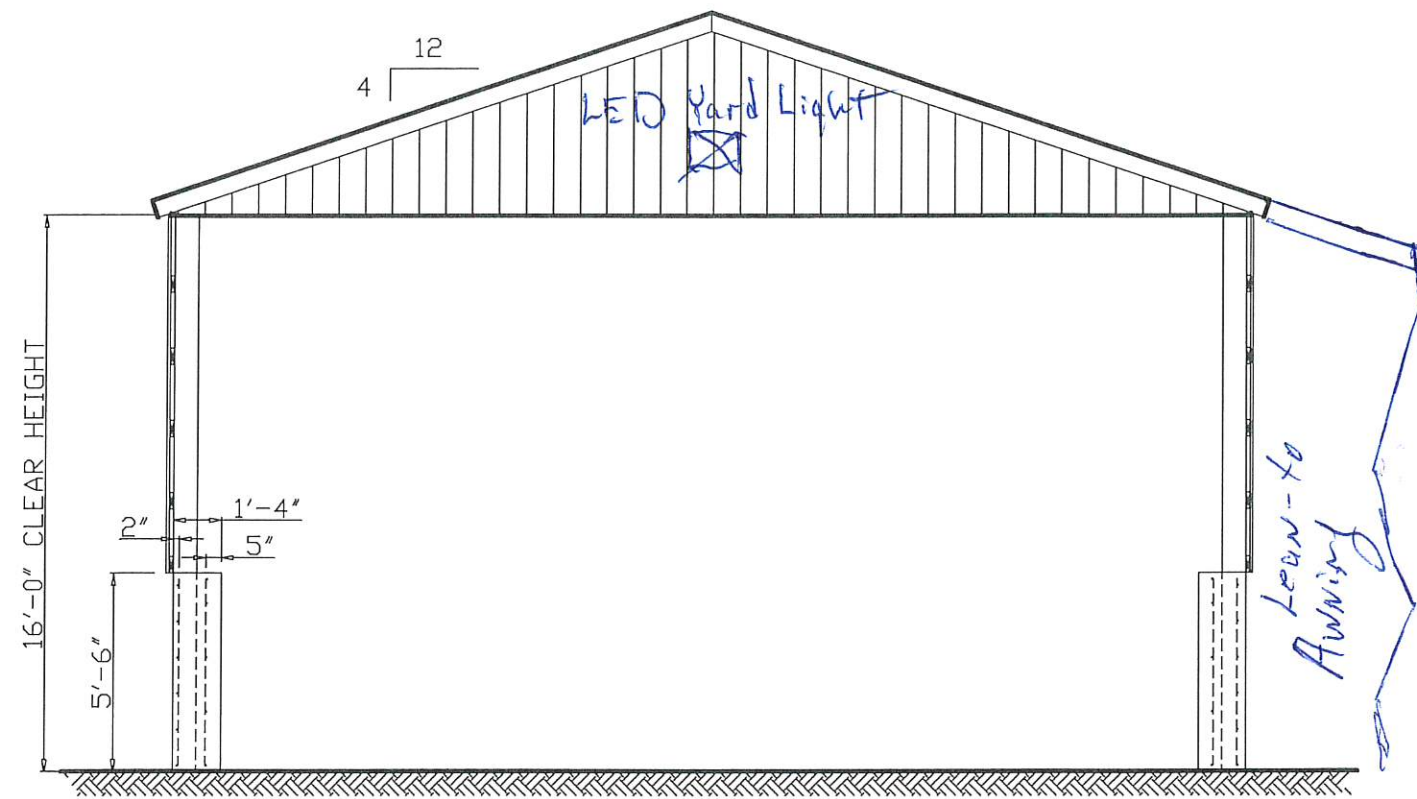
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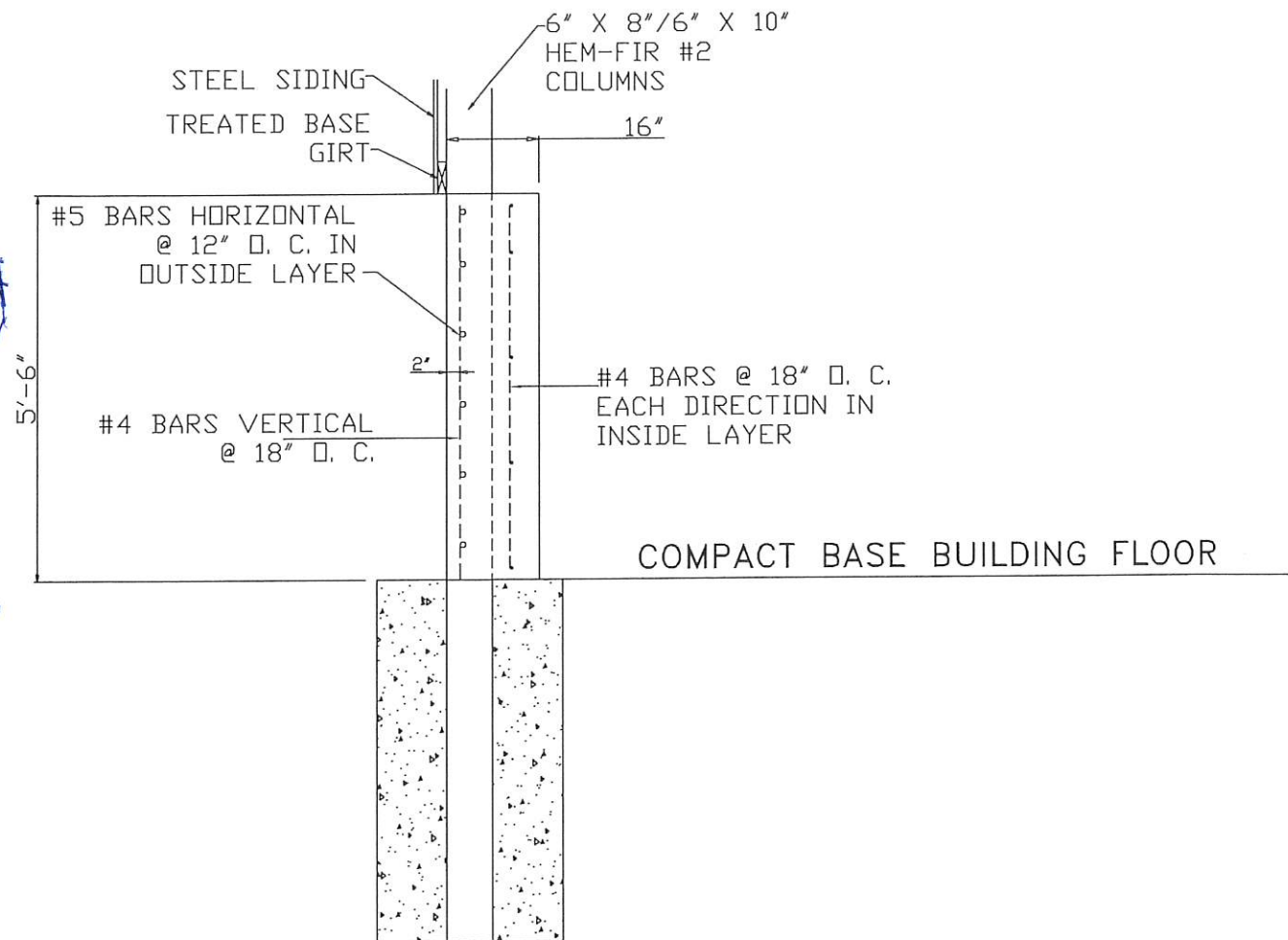
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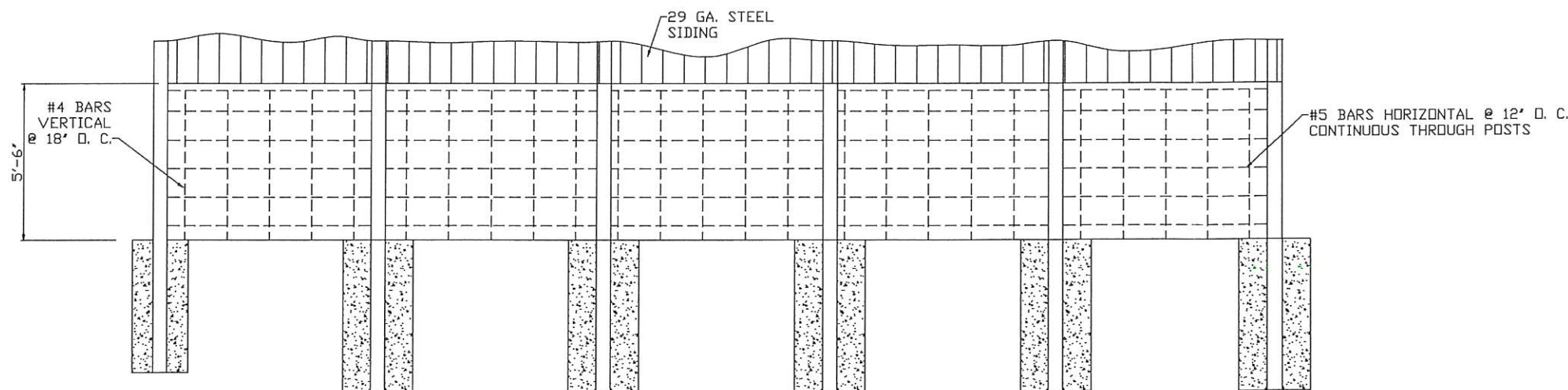
DRAWN	BY	DATE	DRAWING NO.	LEWIS COUNTY.19052	REV.
19052	WAMBEKE	5-27-19	SCALE: 3/16" = 1'-0"	SHEET: 2 OF 7	



FRONT ENDWALL ELEVATION



SECTION THROUGH CONCRETE WALL



TYPICAL SIDEWALL ELEVATION SHOWING CONCRETE WALL REINFORCEMENT



REVISED 7-31-19

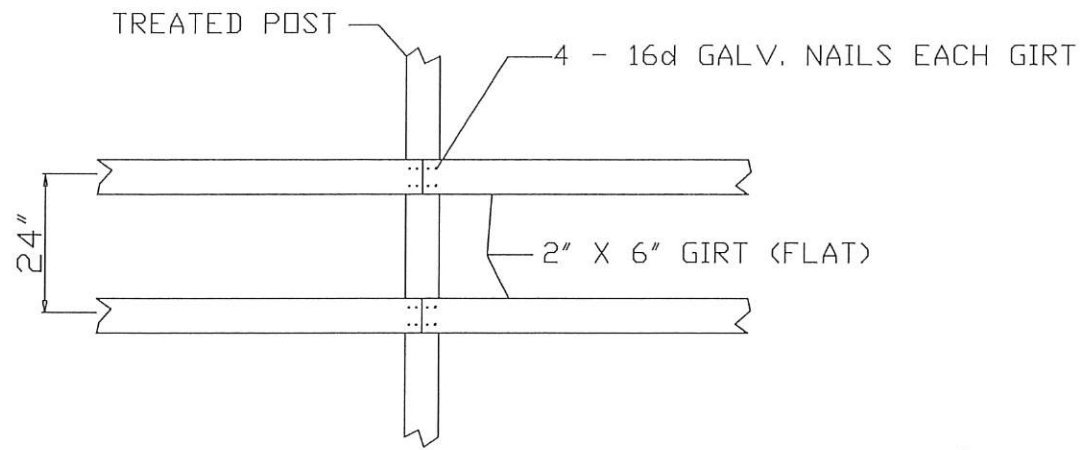
**WAMBEKE ENGINEERING**  
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30' X 40' X 16' CLEAR HEIGHT SALT/SAND SHED WITH  
 16' X 40' X 11'-2" OPEN LEAN-TO ONE SIDE FOR  
 LEWIS COUNTY MINERAL, 46° 42' 32", -122° 09' 33"

LEWIS COUNTY PUBLIC WORKS  
 2025 N. E. KRESKY AVENUE  
 CHEHALIS, WASHINGTON 98532

DRAWN	BY	DATE	DRAWING NO. LEWIS COUNTY.19052	REV.
19052	WAMBEKE	5-27-19	SCALE: 3/16" = 1'-0" SHEET: 3 OF 7	

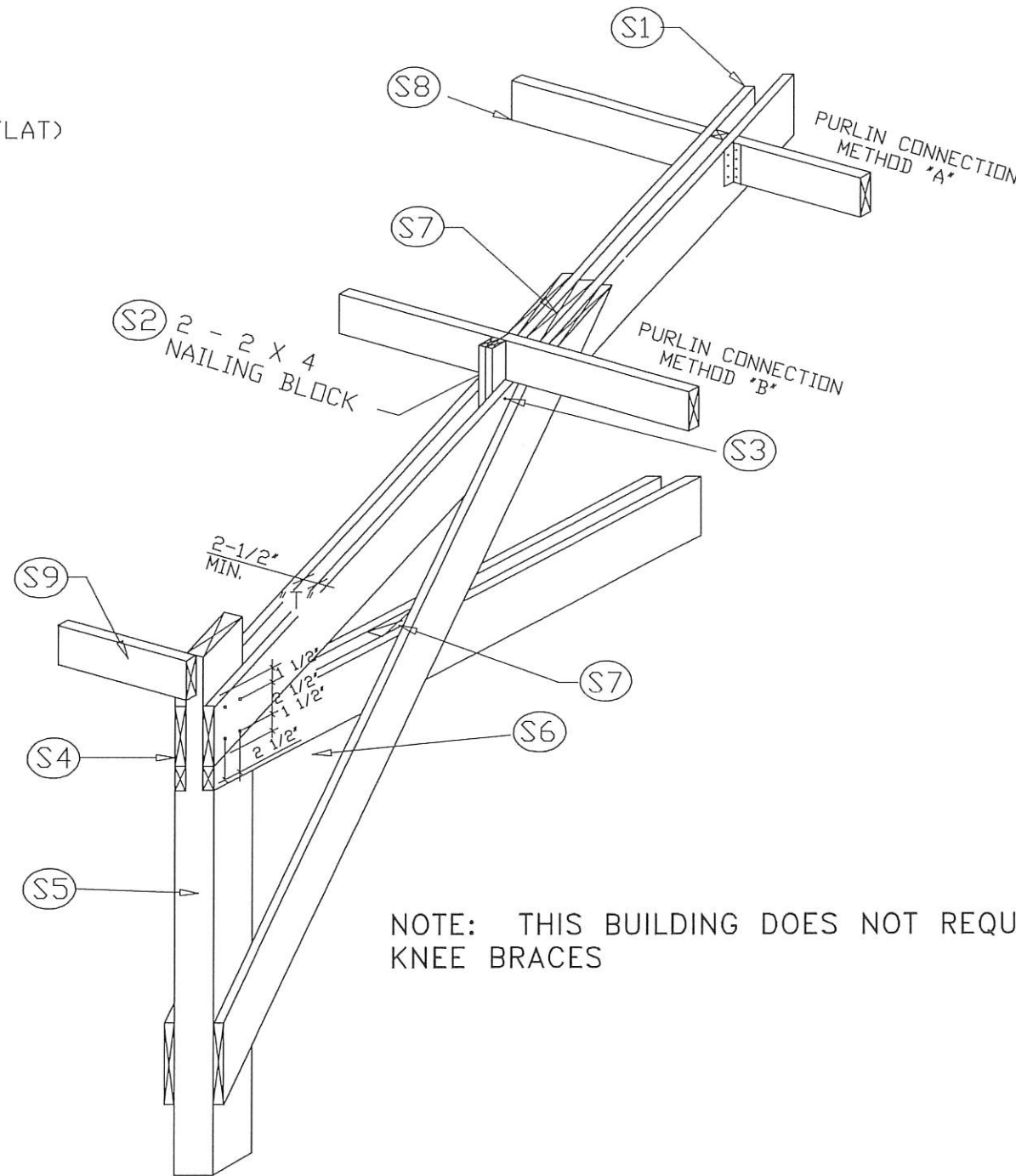




**TYPICAL GIRT CONNECTION**

**PURLIN CONNECTION METHODS:**

- A). PURLINS MAY BE HUNG OFF THE TRUSS TOP CHORD FACES W/ STANDARD SIMPSON JOIST HANGERS OR EQUAL.
- B). PURLINS MAY BE BUTTED AND NAILED W/(2) 16d NAILS INTO EACH PURLIN. TOENAIL BACK SIDE OF PURLIN W/(1) 16d NAIL INTO EACH TRUSS TOP CHORD MEMBER



NOTE: THIS BUILDING DOES NOT REQUIRE KNEE BRACES

**DETAIL 1 - TRUSS COLUMN CONNECTION, PURLIN SUPPORT**

N.T.S.

**NOTES FOR CONNECTION DETAIL**

- (S1) MANUFACTURED TRUSS TOP CHORDS TRUSS DESIGN BY TRUSS MANUFACTURER
- (S2) PURLIN SUPPORT STRUT 2" X "T" X FULL DEPTH OF TOP CHORD PLUS PURLIN. NAIL PURLINS W/(3) 16d NAILS
- (S3) NAIL STRUT TO TOP CHORD W/(3) 16d NAILS EACH SIDE.
- (S4) MANUFACTURED TRUSS NOTCH POSTS 1-1/2" EACH SIDE TO PROVIDE TRUSS SEAT.
- (S5) WOOD POSTS - SEE PLAN VIEW FOR POST SIZES
- (S6) (4) 40d NAILS IN PRE-DRILLED 3/16" PILOT HOLES, EACH SIDE
- (S7) SOLID BLOCKING AT CONNECTION POINTS.
- (S8) TYP. PURLINS 2" X 8" DF-L #2 @ 24" O. C.
- (S9) 2" X 8" EAVE GIRT



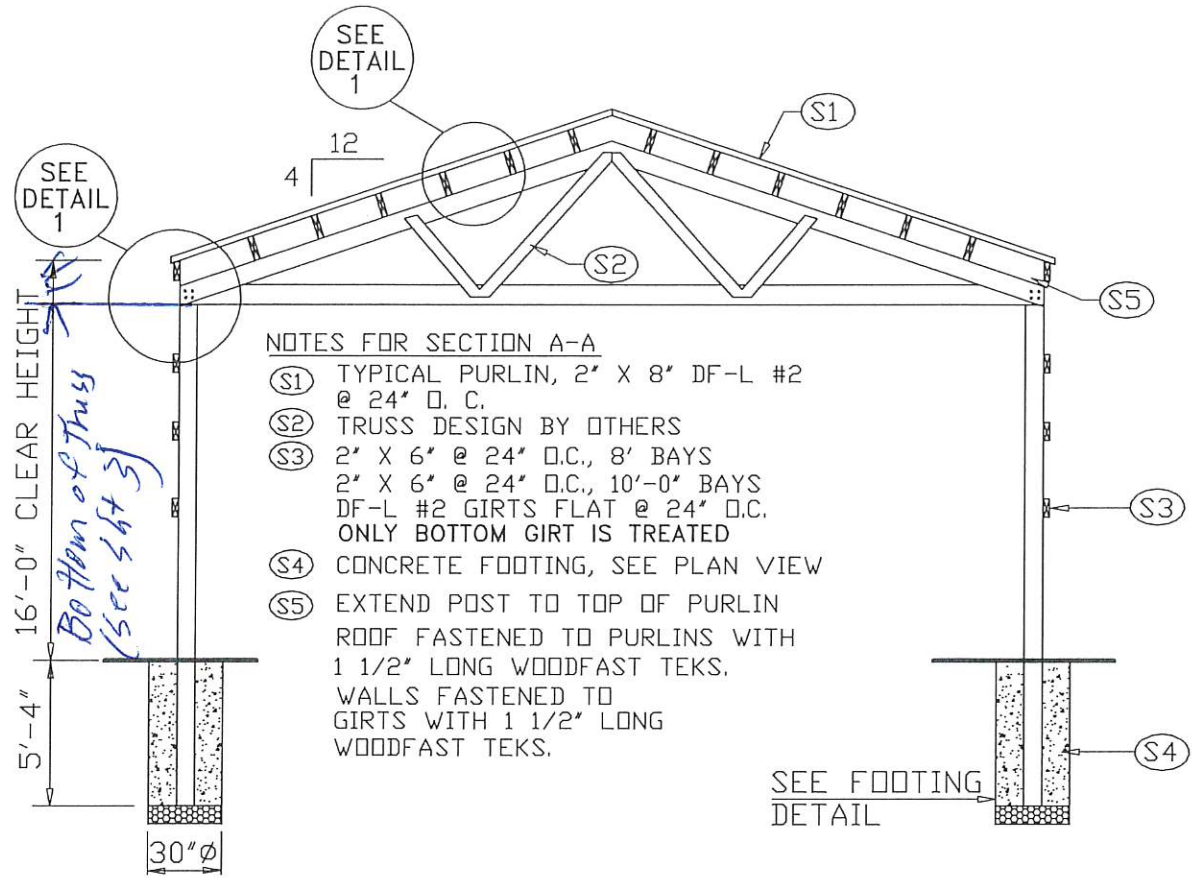
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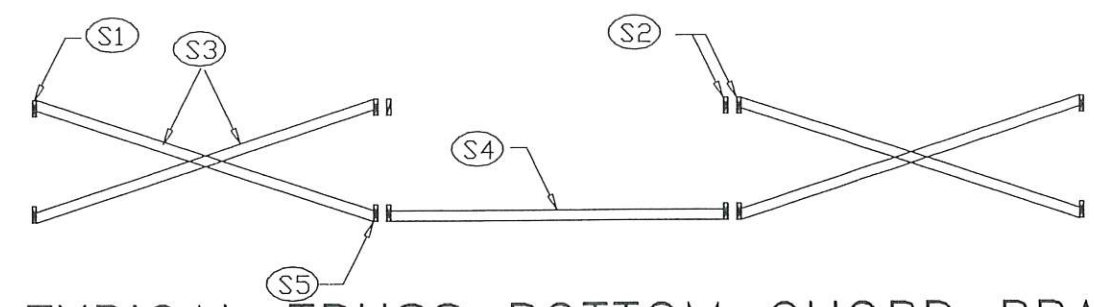
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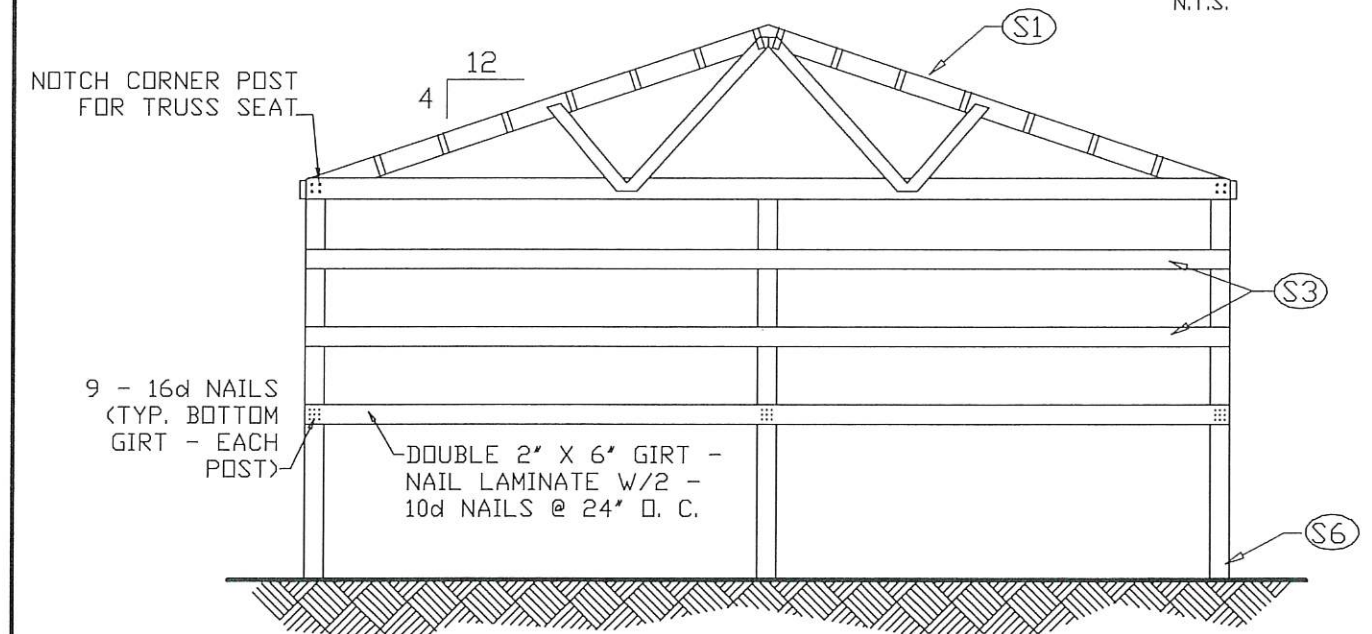
- NOTES FOR SECTION A-A
- (S1) TYPICAL PURLIN, 2" X 8" DF-L #2 @ 24" O. C.
  - (S2) TRUSS DESIGN BY OTHERS
  - (S3) 2" X 6" @ 24" O.C., 8' BAYS  
2" X 6" @ 24" O.C., 10'-0" BAYS  
DF-L #2 GIRTS FLAT @ 24" O.C.  
ONLY BOTTOM GIRT IS TREATED
  - (S4) CONCRETE FOOTING, SEE PLAN VIEW
  - (S5) EXTEND POST TO TOP OF PURLIN  
ROOF FASTENED TO PURLINS WITH 1 1/2" LONG WOODFAST TEKS.  
WALLS FASTENED TO GIRTS WITH 1 1/2" LONG WOODFAST TEKS.

**BUILDING SECTION A-A**  
N.T.S.



**TYPICAL TRUSS BOTTOM CHORD BRACING**  
N.T.S.

- NOTES FOR TRUSS BOTTOM CHORD BRACING
- (S1) GABLE END TRUSS
  - (S2) DOUBLE INTERIOR TRUSSES
  - (S3) 2" X 4" X-BRACING @ 10' 0" O.C.
  - (S4) 2" X 4" BOTTOM CHORD BRACING @ 10' 0" O.C.
  - (S5) TOENAIL BRACES TO TRUSSES WITH 3 - 10d NAILS



**FRONT ELEVATION**  
N.T.S.

- NOTES FOR FRONT ELEVATION
- (S1) HALF TRUSS DESIGN BY OTHERS  
SUPPORT PURLINS @ END TRUSS W/2" X 6" STANDARD JOIST HANGERS,
  - (S3) 2" X 6" GIRTS @ 24" O.C., 8'-6" BAYS, DF-L #2
  - (S5) TREATED WOOD POSTS, SEE PLAN FOR SIZE
  - (S6) DOUBLE TREATED 2" X 6" BOTTOM GIRT



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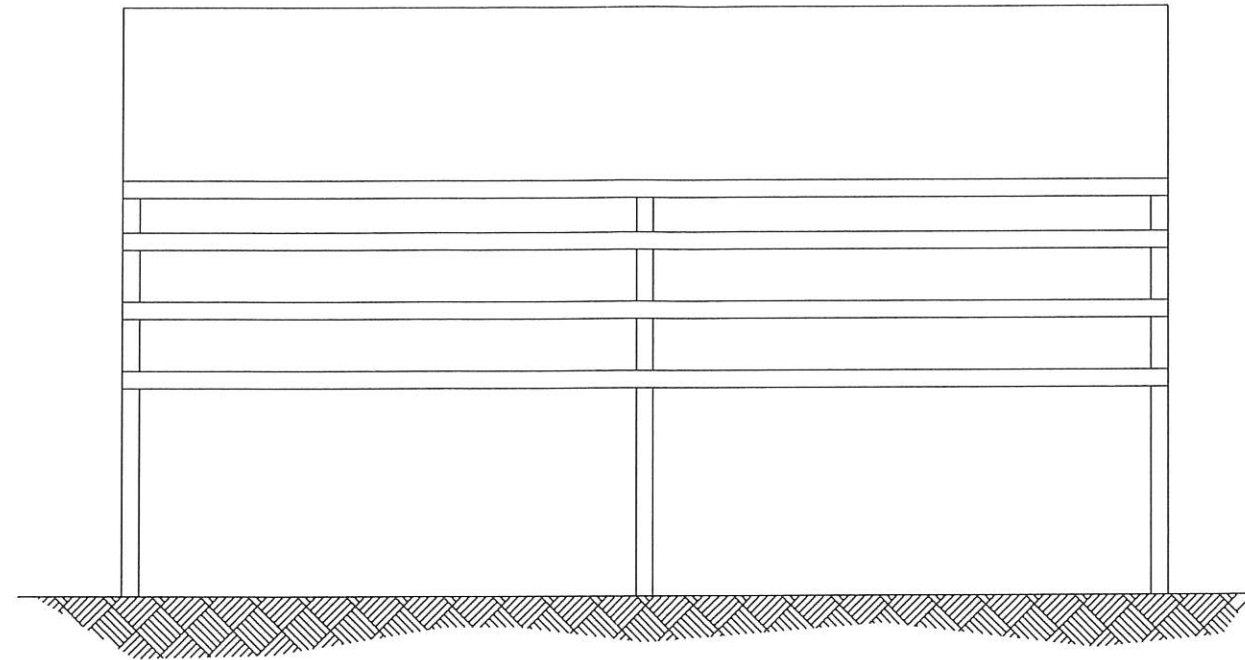
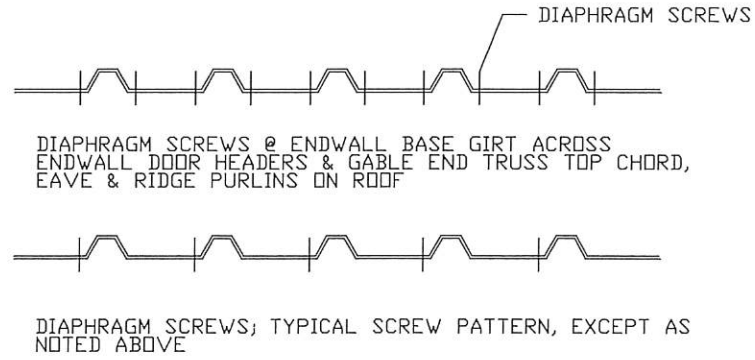
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SHEATHING REQUIRMENTS

THE FOLLOWING MINIMUM ROOF DIAPHRAGM REQUIRMENTS ARE NEEDED:  
 \* ROOF STEEL: 29 GAUGE GRAND-RIB III, 36" WIDTH OR EQUIVALENT  
 \* FIELD SCREWS: #10 x 1 1/2" @ 9" O.C. (NEXT TO HIGH RIB)  
 \* EAVE AND RIDGE PURLIN SCREWS: #14 x 1 1/2" AT BOTH SIDES OF EACH MAJOR RIB  
 THE FOLLOWING MINIMUM ENDWALL DIAPHRAGM REQUIRMENTS ARE NEEDED:  
 \* ENDWALL STEEL: 29 GAUGE GRAND-RIB III, 36" WIDTH OR EQUIVALENT  
 \* FIELD SCREWS: #10 x 1 1/2" @ 9" O.C. (NEXT TO HIGH RIB)  
 \* BASE GIRT, END TRUSS, AND DOOR HEADER SCREWS: #14 x 1 1/2" @ BOTH SIDES OF EACH MAJOR RIB.

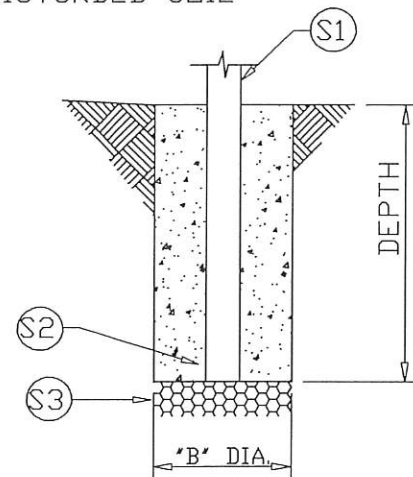


STEEL SHEETING SCREW PATTERNS

*Tyvek vapor barrier between metal and roof purlins* N.T.S.

NOTES FOR FOOTING DETAIL

- (S1) TREATED POSTS AS SIZED PER SCHEDULE
- (S2) VIBRATE OR ROD CONCRETE TO OBTAIN FULL BEARING
- (S3) UNDISTURBED SOIL



FOOTING DETAIL  
N.T.S.

TYPICAL SIDE ELEVATION  
N.T.S.



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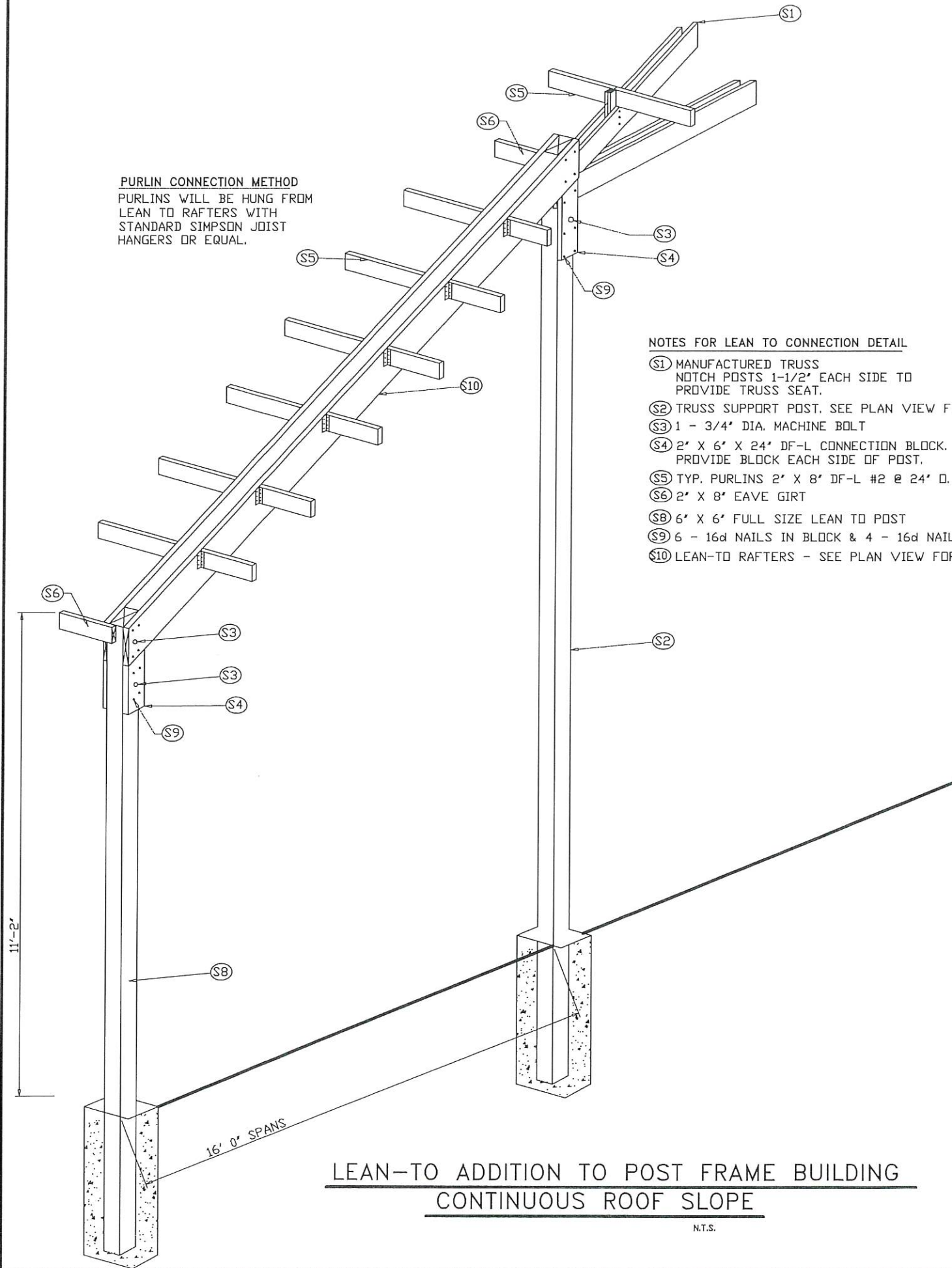
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**PURLIN CONNECTION METHOD**  
 PURLINS WILL BE HUNG FROM LEAN TO RAFTERS WITH STANDARD SIMPSON JOIST HANGERS OR EQUAL.

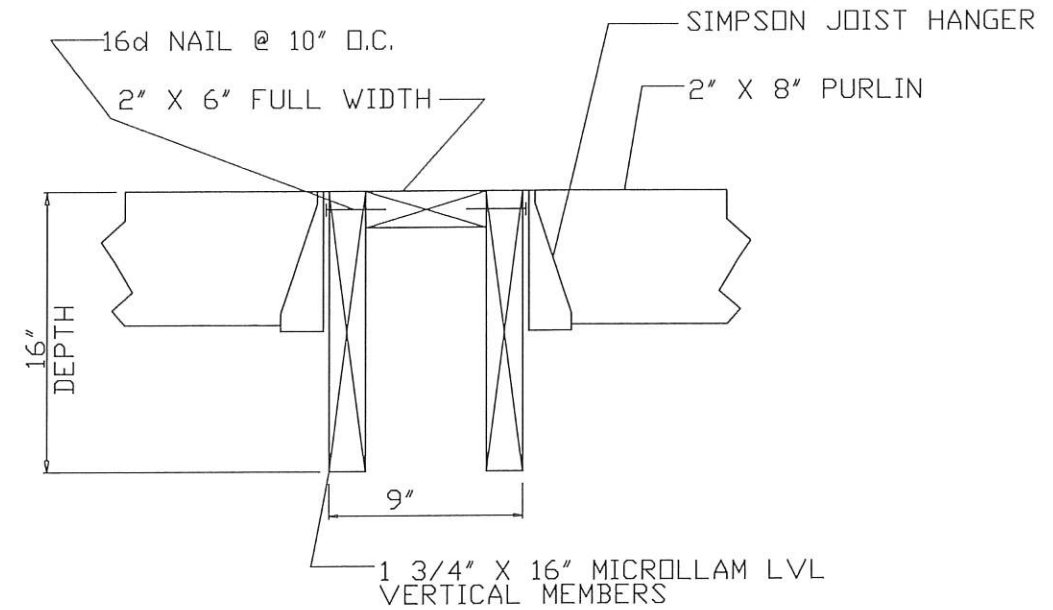
**NOTES FOR LEAN TO CONNECTION DETAIL**

- (S1) MANUFACTURED TRUSS NOTCH POSTS 1-1/2" EACH SIDE TO PROVIDE TRUSS SEAT.
- (S2) TRUSS SUPPORT POST. SEE PLAN VIEW FOR POST SIZES
- (S3) 1 - 3/4" DIA. MACHINE BOLT
- (S4) 2" X 6" X 24" DF-L CONNECTION BLOCK. PROVIDE BLOCK EACH SIDE OF POST.
- (S5) TYP. PURLINS 2" X 8" DF-L #2 @ 24" O. C.
- (S6) 2" X 8" EAVE GIRT
- (S8) 6" X 6" FULL SIZE LEAN TO POST
- (S9) 6 - 16d NAILS IN BLOCK & 4 - 16d NAILS IN RAFTER
- (S10) LEAN-TO RAFTERS - SEE PLAN VIEW FOR SIZES

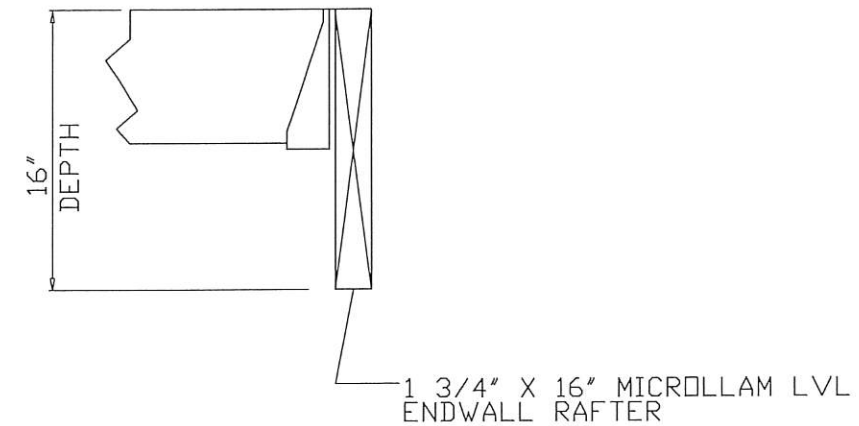


**LEAN-TO ADDITION TO POST FRAME BUILDING  
 CONTINUOUS ROOF SLOPE**

N.T.S.



**SECTION A - A**  
 STANDARD RAFTER DETAILS



**SECTION A - A**  
 STANDARD ENDWALL RAFTER DETAILS



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