



CITY OF TACOMA
NOTICE OF A SMALL WORKS ROSTER CONTRACTING OPPORTUNITY
June 22, 2015

Request for Bids
Specification No.
WS15-0375S

Project Scope: Hood St Building Re-Roof

To view and download an electronic copy of the complete bid solicitation document, visit the City of Tacoma's [Small Works Roster](#) website and click on "SWR Solicitations" in the left column, then select the specification number referenced above.

*This solicitation document is available via the City's website only. If you prefer that a different e-mail address be used to notify your company of SWR opportunities, please contact the City of Tacoma Purchasing Division at **email bids@cityoftacoma.org** to update your company information. Include the Specification No. in your correspondence.*



City of Tacoma

**SMALL WORKS ROSTER
REQUEST FOR BIDS**

Tacoma Water Supply

**Specification No. WS15-0375S
Hood St. Building Re-Roof**

The City of Tacoma is accepting **BIDS** for the above solicitation. The City will accept e-mailed bid submittals sent to sendbid@cityoftacoma.org. **Please include Bid Number WS15-0375S in the subject line of your e-mailed bid.**

Submittal Deadline: Bids will be received until **11:00 a.m., Pacific Time, Wednesday, July 8, 2015.**

Pre-bid meeting: July 1, 2015 at 10:00 AM . at (1050 South Tacoma Way, Tacoma, WA, 98409) to provide an opportunity for prospective bidders to ask questions, take pictures and measurements.

Project Scope: Hood St Building Re-Roof

Estimate: \$50,000

Performance Bond: Required upon award

Contacts: Additional information regarding the specifications may be obtained by contacting Rich Mizner, Utility Service Specialist, at 253-502-8750, or contact Debbie Seibert, Buyer, at 253-502-8587, for general purchasing information..

City of Tacoma [protest policy](#), located at www.tacomapurchasing.org, specifies procedures for protests submitted prior to and after submittal deadline.



Meeting sites are accessible to persons with disabilities. Reasonable accommodations for persons with disabilities can be arranged with 48 hours advance notice by calling 253-502-8468.

SPECIFICATION CONTENTS

* Items to be returned with bid submittal

1. Request for Bids
2. Specification Contents
3. Proposal Page*
4. Signature Page*
4. Bidders submittal check list
5. Special & Technical Provisions
6. Standard Terms and Conditions
7. General Provisions for Construction and/or Labor Projects
8. Drawings and/or Maps

9. Insurance Certificate Requirements
10. Insurance Certificate Sample
11. Bond Form
12. Sample Contract Form
13. Sustainability Form*
14. State Responsibility Information*
15. Special Notice to Bidders
16. Sample-Statement of Intent to Pay Prevailing Wage
17. Sample-Affidavit of Wages Paid and Instructions
18. Prevailing Wage Rates (How to print)
19. Benefit Code Key

PROPOSAL PAGE

WS15-0375S

HOOD STREET BUILDING RE-ROOF

BIDDER_____

<u>ITEM</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>TOTAL</u>
1. Removal and disposal of existing roofing, including asbestos abatement.	1	Lump Sum	\$_____
2. Furnish and install 60 mil polyvinylchloride (PVC) roofing system and parapet wall cap	1	Lump Sum	\$_____
3. Furnish and install roof drain overflow system (6)	1	Lump Sum	\$_____
4. Remove and replace roof drains (6)	1	Lump Sum	\$_____
5. Furnish and install ladder access and handrails (2)	1	Lump Sum	\$_____
		SUB TOTAL	\$_____
		9.5% SALES TAX	\$_____
		TOTAL BID	\$_____

ACKNOWLEDGEMENT OF ADDENDUM (If applicable)

#1 _____ ()
#2 _____ ()

SIGNATURE PAGE

CITY OF TACOMA DEPARTMENT OF PUBLIC WORKS

All submittals must be in ink or typewritten and must be executed by a duly authorized officer or representative of the bidding/proposing entity. If the bidder/proposer is a subsidiary or doing business on behalf of another entity, so state, and provide the firm name under which business is hereby transacted.

The City will accept e-mailed bid submittals sent to sendbid@cityoftacoma.org . Please include the Collective Bid Number WS15-0375S in the subject line of your e-mailed bid.

REQUEST FOR BIDS SPECIFICATION NO. WS15-0375S

Hood St Building Re-Roof

The undersigned bidder/proposer hereby agrees to execute the proposed contract and furnish all materials, labor, tools, equipment and all other facilities and services in accordance with these specifications.

The bidder/proposer agrees, by submitting a bid/proposal under these specifications, that in the event any litigation should arise concerning the submission of bids/proposals or the award of contract under this specification, Request for Bids, Request for Proposals or Request for Qualifications, the venue of such action or litigation shall be in the Superior Court of the State of Washington, in and for the County of Pierce.

Non-Collusion Declaration

The undersigned bidder/proposer hereby certifies under penalty of perjury that this bid/proposal is genuine and not a sham or collusive bid/proposal, or made in the interests or on behalf of any person or entity not herein named; and that said bidder/proposer has not directly or indirectly induced or solicited any contractor or supplier on the above work to put in a sham bid/proposal or any person or entity to refrain from submitting a bid/proposal; and that said bidder/proposer has not, in any manner, sought by collusion to secure to itself an advantage over any other contractor(s) or person(s).

Bidder/Proposer's Registered Name

Signature of Person Authorized to Enter Date
into Contracts for Bidder/Proposer

Address

Printed Name and Title

City, State, Zip

(Area Code) Telephone Number / Fax Number

E-Mail Address

State Business License Number
in WA, also known as UBI (Unified Business Identifier) Number

E.I.No. / Federal Social Security Number Used on Quarterly
Federal Tax Return, U.S. Treasury Dept. Form 941

State Contractor's License Number
(See Ch. 18.27, R.C.W.)

Addendum acknowledgement (if applicable) #1 _____ #2 _____

THIS PAGE MUST BE SIGNED AND RETURNED WITH SUBMITTAL.

BIDDERS SUBMITTAL CHECK LIST

The checklist is provided for convenience only and identifies the documents to be submitted with each bid. Any bids received without these documents may be deemed non-responsive and may not be considered for award.

Note: Any bid which does not adequately address all aspects required in the specifications may be rejected at the discretion of the City of Tacoma for noncompliance.

Your bid must be received in the City of Tacoma Purchasing office by the date and time specified in the Request for Quotation. It is the responsibility of the bidder to send legible documents for the City's review. Your bid submittal package should include the following:

1. PROPOSAL PAGE
2. SIGNATURE PAGE
3. SUSTAINABILITY FORM
4. STATE RESPONSIBILITY INFORMATION
5. SUBMITTALS REQUIRED PER SECTION 1.04

Submittals shall be included with bid submission and include the following:

- Copies of manufacturer's current literature for each component and system specifications.
- Material Safety Data Sheets (MSDS).
- Written approval by the PVC product manufacturer.
- Sample copy of manufacturer's warranty with no exclusion for failure caused by ponding water.
- Sample copy of applicator's warranty.
- Dimensioned shop drawings.
- Certifications by manufacturers of roofing materials.
- Letter from the submitted manufacturer confirming that the Contractor is an authorized applicator of the specified roof system and documenting the Contractor's ten (10) years of experience installing the manufacturer's membrane.
- Letter from the submitted manufacturer documenting consistency of product formulation for fifteen (15) years.

SPECIAL AND TECHNICAL PROVISIONS

ADHERED FLEECE-BACKED MEMBRANE – RAM SYSTEM ROOFING

PART 1 - GENERAL CONDITIONS

1.01 DESCRIPTION

A. Location of Work

The work of this contract is in Pierce County, Washington, on property owned by Tacoma Water as shown on the drawings. Project address is 11050 South Tacoma Way, Tacoma, WA 98409.

A Pre-Bid Meeting will be held on Wednesday, July 1, 2015, at 10:00 a.m., at 1050 South Tacoma Way, Tacoma, WA 98409, to provide an opportunity for prospective bidders to ask questions, take pictures and measurements.

Questions may be directed to Rich Mizner, Project Manager, 253-502-8750, rmizner@cityoftacoma.org.

Project manager's estimate: \$50,000 plus tax.

B. Scope of Work

Furnish all labor, materials, equipment, tools, services and incidentals, and complete all work required by these specifications and as shown on the drawings to: 1) remove and dispose of existing built-up roofing down to concrete substrate, 2) replace new roof drains and install roof drain overflows, 3) install an adhered roofing membrane with flashing and other components to comprise a roofing system, 4) install parapet wall metal coping cap, 5) install ladder access/handrail and 6) asbestos abatement.

System for Adhered Re-Roof: Sika Sarnafil® G410 EnergySmart Roof® PVC 60 mil Feltback with a Fifteen (15) Year System Warranty with a fleece-backed membrane and with a urethane-based adhesive to the horizontal concrete substrate and parapet wall or approved equal. Adhere vertical membrane surfaces flashings with a solvent-based adhesive.

Furnish and install all materials, equipment, and labor which is reasonably and properly inferable and necessary for the proper completion of the work, whether specifically indicated in the contract documents or not.

The work includes, but is not limited to, the major categories highlighted below. This list is not intended to detail all the incidental work for each particular category, but is merely to provide an overview of the project.

1. Removal and proper disposal of existing roofing
2. Asbestos abatement
3. Substrate preparation
4. Installation of roof and parapet wall membrane and flashing
5. Painted 24 gauge metal coping cap on parapet wall (matching existing tile caps)
6. Adhesive and sealant application
7. Retrofit reroof drain replacement
8. Roof drain overflows
9. Fasteners
10. Ladder access and handrail

Related work includes sheet metal, concrete, sealants and caulking, plumbing, masonry, and carpentry.

Upon successful completion of work the following warranties shall be obtained:

Manufacturer's Warranty
Roofing Contractor's Warranty

1.02 PERMITS

A building permit (40000244249) has been applied for through the City of Tacoma, Building and Land Use (BLUS) Department. Permit fees have been paid for by Tacoma Water. The Contractor shall be required to contact BLUS and have their company name placed on the permit and attain a copy. The Contractor shall be prepared to have license information available for BLUS. A copy shall remain on site during construction. The Contractor shall be responsible for scheduling permit inspection and close out. BLUS is located in the Tacoma Municipal Building, 747 Market Street, Tacoma, Washington, on the third floor.

1.03 QUALITY ASSURANCE

This roofing system shall be applied only by a roofing contractor authorized by the manufacturer prior to bid ("Contractor"). The roofing contractor shall have at least ten (10) years of experience as an applicator with the submitted manufacturer as certified by the manufacturer.

Upon completion of the installation and the delivery to the manufacturer by the Contractor of a certification that all work has been done in strict accordance with the contract specifications and the manufacturer's requirements, an inspection shall be made by a technical representative of the manufacturer to review the installed roof system.

There shall be no deviations made from the project specification or the approved shop drawings without prior written approval by the Project Manager and the manufacturer.

All work pertaining to the installation of membrane and flashings shall only be completed by Applicator personnel trained and authorized by the manufacturer in those procedures.

Membrane to have no formulation changes in the last fifteen (15) years as certified by the manufacturer.

The Owner reserves the right to hire a third party for reviewing the work of the Contractor.

1.04 SUBMITTALS

Submittals shall be included with bid submission and include the following:

- Copies of manufacturer's current literature for each component and system specifications including physical properties for each component.
- Material Safety Data Sheets (MSDS).
- Written approval by the product manufacturer (as applicable) for use and performance of the product in the proposed system.
- Sample copy of manufacturer's warranty with no exclusion for failure caused by ponding water.
- Sample copy of applicator's warranty.
- Dimensioned shop drawings which shall include:
 - Outline of roof with roof size and elevations shown.
 - Profile details of flashing methods for penetrations.
- Technical acceptance from the manufacturer.
- Certifications by manufacturers of roofing and insulating materials that all materials supplied comply with all code requirements of the identified industry standards or practices and requirements of this specification including membrane and polymer thicknesses.
- Letter from the submitted manufacturer confirming that the Contractor is an authorized applicator of the specified roof system and documenting the Contractor's ten (10) years of experience installing the manufacturer's membrane.

- Letter from the submitted manufacturer documenting consistency of product formulation for fifteen (15) years.

The review of submittals and product data will be for general conformance with the design concept and contract documents. They shall not be construed:

- as permitting any departure from the contract requirements,
- as relieving the Contractor of responsibility for any errors, including details, dimensions, and materials,
- as approving departures from manufacturer's guidelines for use and installation of products.

1.05 CODE REQUIREMENTS

The applicator shall submit evidence that the proposed roof system meets the requirements of the local building code and has been tested and approved or listed by the following test organizations. These requirements are minimum standards and no roofing work shall commence without written documentation of the system's compliance, as required in the "Submittals" section of this specification.

- Factory Mutual Research Corporation (FM) - Norwood, MA
Class 1-90 (for high wind exposure)
- Underwriters Laboratories, Inc. - Northbrook, IL

Class A assembly

1.06 CONFLICTS

The Contractor shall carefully study and compare the contract documents with each other and shall at once report to the Project Manager errors, inconsistencies, or omissions discovered. If the Contractor performs any construction activity knowing it involves a recognized error, inconsistency, or omission in the contract documents without such notice to the Project Manager, the Contractor shall assume the risk and responsibility for such performance and shall bear an appropriate amount of the costs for correction.

Conflicts identified among these specifications, drawings, and other contract documents shall be resolved by the Project Manager. Whereas these conflicts are clearly identified as simply discrepancies among documents, the drawings shall prevail over these specifications, and these specifications shall prevail over any other contract document, including submittals.

1.07 SUFFICIENCY OF INFORMATION

By entering into the contract, the Contractor represents that he/she has inspected in detail the project site and has become familiar with all the physical and local conditions affecting the project and/or the project site. Any information provided by the Project Manager to the Contractor, relating to existing conditions on, under, or to the project and/or site including, but not limited to information pertaining to hazardous material abatement and other conditions affecting the project site, represents only the opinion of the Project Manager as to the location, character, or quantity of such conditions and is provided only for the convenience of the Contractor. The Contractor shall draw his/her own conclusions from such information and make such tests, reviews and analyses as he/she deems necessary to understand such conditions and to prepare his/her proposal.

The Project Manager assumes no responsibility whatsoever with respect to the sufficiency or accuracy of such information and there is no guarantee, either expressed or implied, that the conditions indicated or otherwise found by the Contractor as a result of any examination or exploration are representative of those existing throughout the work and/or project site.

The Contractor shall take field measurements and verify field conditions and shall carefully compare such field measurements and conditions and other information known to the Contractor with the contract documents before commencing activities. Errors, inconsistencies or omissions discovered shall be reported to the Project Manager at once.

1.08 EVALUATION OF BIDS

This contract will be awarded to the lowest and best responsive bidder complying with the specifications; provided such bid is reasonable and is in the best interest of the City. All bid evaluation factors stated in paragraph 1.08 of the General Provisions may be considered by the City.

The City reserves the right to request additional information to ascertain acceptability of products or conformance with specifications prior to awarding the contract. Failure to supply requested information within ten (10) calendar days may be cause to reject the bid as non-responsive.

The City reserves the right to reject any and all bids and to waive minor deviations in bids received.

1.09 PRODUCT DELIVERY, STORAGE AND HANDLING

All manufactured items provided shall be new, of current manufacture, and shall meet any and all specifications in the contract documents and applicable standards. All products delivered to the job site shall be in the original unopened containers or wrappings bearing all seals and approvals.

Handle all materials to prevent damage. Place all materials on pallets and fully protect from moisture.

Membrane rolls shall be stored lying down on pallets and fully protected from the weather with clean canvas tarpaulins. Unvented polyethylene tarpaulins are not acceptable due to the potential accumulation of moisture beneath the tarpaulin in certain weather conditions.

All adhesives shall be stored at temperatures between 40° F (5° C) and 80° F (27° C).

All flammable materials shall be stored in a cool, dry area away from sparks and open flames. Follow precautions outlined on containers or supplied by material manufacturer/supplier.

All materials which the Project Manager or the manufacturer determined to be damaged are to be removed from the job site and replaced at no cost to the Owner.

1.10 MEASUREMENT AND PAYMENT

The term "Lump Sum" shall be defined as the measurement for complete payment for the work described for that item in this contract.

The payment provided for in the contract shall be full payment to the Contractor for:

- A. Furnishing all materials and performing all work under contract (including changes in the work, materials, or plans) in a complete and acceptable manner;
- B. All risk, loss, damage, or expense of whatever character arising out of the nature or prosecution of the work; and
- C. All expense incurred resulting from a suspension or discontinuance of the work as specified under the contract.

1.11 CONTRACTOR'S USE OF PREMISES

Contractor's use of the project site shall be limited to its construction operations, including on-site storage of materials, on-site fabrication facilities, field offices and temporary facilities. Contractor's use shall be limited to the project boundaries shown on the drawings.

Contractor's use of the project site is limited to the hours of 7:00 a.m. to 5:00 p.m., unless otherwise approved by the Project Manager. The Contractor shall notify the Project Manager at least two (2) working day prior to any work proposed for outside the normal working hours defined in paragraph 3.09a of the General Provisions, on weekends, or city-recognized holidays.

1.12 OWNER'S USE OF PREMISES

Tacoma Water personnel shall be allowed unrestricted access to all or part of the site during the entire period of construction. The Contractor shall cooperate and coordinate with Tacoma Water personnel to facilitate operations and to minimize interference with the Contractor's operations at the same time.

1.13 WARRANTIES

- A. Manufacturer's system warranty (only products purchased from the manufacturer are covered under system warranty)

Upon successful completion of the work to the roofing manufacturer's and Owner's satisfaction, and receipt of final payment, a fifteen (15) year system warranty shall be issued. The system warranty shall provide for the roof membrane, all accessories that comprise a roof system, and Contractor labor. The warranty shall be non-prorated provide for No Dollar Limit (NDL), and shall not exclude ponding water and no time limited shall be assigned for any such ponding water during the warranty period.

- B. Contractor/Roofing Contractor Warranty

The Contractor shall supply the Owner with a separate two (2) year workmanship warranty. In the event any work related to roofing, flashing, or metal is found to be within the Contractor warranty term, defective or otherwise not in accordance with the Contract Documents, the Contractor shall repair that defect at no cost to the Owner. The Contractor's warranty obligation shall run directly to the Owner, and a copy shall be sent to the manufacturer.

Owner Responsibilities:

Owner shall notify both the manufacturer and the Contractor of any leaks as they occur during the time period when both warranties are in effect.

PART 2 - PRODUCTS

2.01 GENERAL

The components of the system for adhered re-roof are to be the products described in this specification. Failure to submit products described in this specification may, at the discretion of the City, be considered grounds for disqualification of the Contractor's bid. The Project Manager retains the absolute right to require the use of the specified products or processes and may deny the right to make substitutions.

Components to be used that are other than those specified may be submitted for review by the Project Manager for acceptability for the intended use and a determination of compatibility with other products and for compliance with the warranty and code requirements of this specification. Product literature, specifications, installation instructions, limitations, and/or restrictions of alternate products must be included with bid submission along with all items required by Section 1.03 of this specification.

2.02 ADHERED 60mil PVC MEMBRANE

The membrane shall be Sika Sarnafil® G410 EnergySmart Roof® Membrane, 60 mil Feltback, or approved equal. The sheet shall conform to the following properties listed below. NOTE: The physical properties listed below are typical values..

1. Color White : (top)/Grey/(bottom)
2. Roll Size: 76" wide x 90' long
3. Weight: 4.8 oz./ft² (nominal)
4. Thickness ASTM D-751: 55 mil (nominal)
5. Breaking Strength ASTM D-751: 350 x 325 lbs.
6. Seam Strength : ASTM D-638: 90%
7. Elongation @ Break ASTM D-751: 40% x 30%
8. Heat Aging ASTM D-3045: 80% x 80%
9. Tear Strength ASTM D-751: 100lbs. x 100 lbs.
10. Low Temperature Bend ASTM D-2136: PASS (-40°)
11. Permeance ASTM E-96: 0.003 Perms
12. Dimensional Change ASTM D-1204: 03%
13. Hydrostatic Resistance ASTM D-751: 400 psi
14. Ozone Resistance ASTM D-1149: PASS
15. EMMAQUA Test, DSET ASTM E-838 : PASS (2.7 million Langley's)

Substitutions may be submitted for review and approval.

2.03 PARAPET CAP INSTALLATION

A. Parapet Wall Cap

- Twenty-four (24) gauge painted metal coping shall be installed in a direction opposite the direction from which rain is driven by wind. Color shall match existing building parapet wall/column tile caps. For this location, consider a south-southwest prevailing wind.
- Metal details, fabrication practices and installation methods shall conform to the applicable requirements of the following:
 - Factory Mutual Loss Prevention Data Sheet 1-49 (latest issue).
 - Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA) - latest issue.
- Complete all metal work in conjunction with roofing and flashings so that a watertight condition exists daily.
- Metal shall be installed to provide adequate resistance to bending to allow for normal thermal expansion and contraction.
- Metal joints shall be watertight. Corners shall be soldered separate one piece corner section.
- Airtight and continuous metal hold down cleats are required behind coping cap. Cleats are to be fastened 24 inches on center into the masonry parapet wall.
- Lap joints shall be a minimum of four (4) inches overlap with sealant.
- Maximum metal coping length sections shall be twelve (12) feet.

B. Sealants

- Exterior General Use
- Provide joint sealants, joint fillers, and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by sealant manufacturer based on testing and field experience.
- Provide a single-component elastomeric conforming to ASTM C920, Type S, Class 25, Grade NS - Sonolastic 150 VLM or approved substitution complying with requirements.

C. Joint Sealant Backing

- Provide sealant backings of material and type that are nonstaining; are compatible with joint substrates, sealants, primers and other joint fillers; and are approved for applications indicated by sealant manufacturer based on field experience and laboratory testing.
- Provide an elastomeric tubing joint filler (neoprene, butyl, EPDM, or silicone) conforming to ASTM D1056, nonabsorbent to water and gas, capable of remaining resilient at temperatures down to -26° F (-32° C). Provide products with low compression set and of size and shape to provide a secondary seal, to control sealant depth, and otherwise contribute to optimum sealant performance.

D. Bond Breaker Tape

- Provide polyethylene tape or other plastic tape as recommended by sealant manufacturer for preventing sealant from adhering to rigid, inflexible joint filler materials or joint surfaces at back of joint where such adhesion would result in sealant failure.

E. Membrane Adhesives

- 2170 Adhesive: A solvent-based reactivating-type adhesive used to attach membrane to flashing substrate. Consult Product Data Sheets for additional information.
- 2121 Adhesive: A water-based adhesive used to attach membrane to horizontal or near-horizontal substrates. Consult Product Data Sheets for additional information.
- 2142S Adhesive: A urethane-based adhesive used to attach felt back membrane to the horizontal or near-horizontal substrate. Consult Product Data Sheets for additional information.

2.04 MISCELLANEOUS FASTENERS AND ANCHORS

All fasteners, anchors, nails, straps, bars, etc. shall be post-galvanized steel, aluminum or stainless steel. Mixing metal types and methods of contact shall be assembled in such a manner as to avoid galvanic corrosion. Fasteners for attachment of metal to masonry shall be expansion type fasteners with stainless steel pins. All concrete fasteners and anchors shall have a minimum embedment of 1¼ inch (32 mm) and shall be approved for such use by the fastener manufacturer. All miscellaneous wood fasteners and anchors used for flashings shall have a minimum embedment of one inch (25 mm) and shall be approved for such use by the fastener manufacturer.

2.05 ROOFING REMOVAL AND ASBESTOS ABATEMENT

The roofing contractor shall remove and dispose all such materials in accordance with all Federal (EPA & OSHA), State and local regulatory agencies under an approved certified abatement program. All contractors' employees shall be instructed and follow OSHA guidelines for handling such materials under the provisions of HCS (Hazardous Communications Standard) as required conforming to OSHA and other safety requirements.

The existing roof coating is asphalt built up roofing. Roofing material ranges from ¼-inch to ½-inch thickness. Asbestos was analyzed to have 3% chrysotile asbestos fibers in the mastic seal around the bathroom roof penetration vent and 3% chrysotile asbestos in the silver painted side wall penetration pipe on the lower west elevation (see attached analysis reports). This is above the Environmental Protection Agency (EPA) limit and requires regulation. The contractor shall be responsible for compliance of all EPA, Puget Sound Clean Air Agency (PSCAA) and Washington State Department of Ecology (DOE) rules and regulations for asbestos abatement.

The existing roof is to be stripped completely to the bare concrete in preparation of the new PVC membrane installation.

2.06 ROOF DRAINS AND OVERFLOWS

Existing roof drains (six each total) shall be removed and replaced with a retrofit roof drain system. New roof drains shall be extended through roof and outlet pipe connected to existing 3-inch galvanized leader pipe with neoprene sleeves and stainless steel bands. It can be expected the existing roof drain studs will be corroded and will need to be drilled out and re-tapped or new studs installed into the concrete roof. Drains shall consist of a cast aluminum dome strainer, a cast aluminum epoxy coated gravel guard and clamping ring, 15 inch or 18 inch O.D. spun aluminum drain flange or approved equal.

Bronze roof drain overflows shall be core drilled and installed in accordance with drawings. Overflows shall be incorporated with the PVC roofing and sealed according to installation best practices. Reference drawing 2121-B.

2.07 LADDER ACCESS AND HANDRAIL

A ladder access and handrail is to be fabricated and installed in accordance with Drawings 1068-A and 4-85-1. The Contractor is responsible for measurements and dimensions. Step spacing will conform to typical OSHA standards.

2.08 PARAPET WALL PREPARATION

Parapet Wall Cap Preparation is to be fabricated in accordance with Drawing 1066-A. Prior to the installation of the parapet wall cap and PVC roofing, the wall shall be

pressure washed, cleaned and a concrete sealant applied. The sealant shall be compatible with the PVC adhesive. The concrete sealant shall be at a minimum have the following performance characteristics:

ASTMD 2939:	Resistance to water solubility, flexibility, no cracking.
ASTMD 466:	Resistance to water flow and action. No Excellent adhesion. No remulsification.
ASTME 96:	Water vapor transmission. .04 grains/sq/ ft./hr. Water permeability – 0102 perms
ASTM 836:	Film thickness on a vertical scale.
SS-W-110C:	Water repellence on masonry test: 1.925% avg.
ASTMC672:	Freeze/thaw cycle – 100 day cycle.
ASTMC-156:	Water retention 0.47 kg/m ² , Specification – 0.55 kg/m ²
ASTM C309-98a:	Moisture loss – .21 kg/m ²
ASTM C1315-00:	Moisture loss – 0.28 kg/m ²
90 Day Ponding:	Passed.
UV-Testing (modified)-	No Change – Excellent Results
ASTM C 1315 6.6.4:	1000 mega-joules/235 nM Uv light
Adhesion ASTM	
Elcometer Pull:	280 lbs/ Concrete failed 1st/no delamination
ASTM C642	
Absorption:	Phase 1-48 hr: 0.62%-phase 2; 50 day: 1.25%
ASTM Scaling Resistance: No Scaling	
NCHRP 244, Series IV – 4.1 Southern Exposure	
Absorbed Chloride:	passed / Less than 7%
NCHRP 244 Series IV Northern Exposure –Passed	
Absorbed Chloride	less than 7% as compared to untreated

2.09 FALL PROTECTION

The Contractor is responsible for all fall protection of his/her employees and shall be in compliance with all OSHA and WISHA regulations.

5.10 PARAPET WALL REGLETS

Reglets shall be replaced on the lower elevation and on upper elevation columns.

PART 3 - EXECUTION

3.01 PROJECT SEQUENCE

The Contractor will be required to complete the contract document, provide an insurance certificate and a performance bond within ten (10) calendar days after the award of the contract. No work shall begin until all bonds and certificates of insurance required have been completed and received by the Purchasing Department. No work shall begin until all contract documents required by General Provisions have been completed, received by the Purchasing Department. The Contractor shall begin the work to be performed in the contract within ten (5) calendar days after the date of notification to proceed.

The Contractor shall convene a pre-construction meeting with Tacoma Water, at the project site, at least three (3) calendar days in advance of initiation of work.

The Contractor shall identify a date for the delivery of materials, agreed upon by Tacoma Water, at least three (3) calendar days in advance of initiation of work.

The Contractor shall request permission from Tacoma Water at least three (3) calendar days prior to the arrival of any personnel or equipment to the project site.

The Roofing Contractor, Project Manager and Inspector shall attend the pre-construction conference.

The Contractor shall complete the work of this contract within forth-five (45) calendar days from the date of notification to proceed.

3.02 SPECIAL PROJECT PROVISIONS

Membrane materials may be installed under certain adverse weather conditions but only after consultation with the Project Manager and the manufacturer, as installation time and system integrity may be affected.

Only as much of the new roofing as can be made weather-tight each day, including all flashing and detail work, shall be installed. All seams shall be cleaned and heat welded before leaving the job site that day.

All work shall be scheduled and executed without exposing the interior building areas to the effects of inclement weather. The existing building and its contents shall be protected against all risks.

Uninterrupted water stops shall be installed at the end of each day's work and shall be completely removed before proceeding with the next day's work. Water stops shall not emit dangerous or unsafe fumes and shall not remain in contact with the finished roof as the installation progresses. Contaminated membrane shall be replaced at no cost to the Owner.

The Contractor is cautioned that certain membranes are incompatible with asphalt, coal tar, heavy oils, roofing cements, creosote, and some preservative materials. Such materials shall not remain in contact with the membrane. The Contractor shall consult the manufacturer regarding compatibility, precautions, and recommendations.

The Contractor shall verify that all roof drain lines are functioning correctly (not clogged or blocked) before starting work. Contractor shall report any such blockages in writing (letter copy to the manufacturer) to the Project Manager for corrective action prior to installation of the roof system.

Prior to and during application, all dirt, debris, and dust shall be removed from surfaces by vacuuming, sweeping, blowing with compressed air and/or similar methods.

All surfaces to receive new insulation, membrane or flashings shall be dry. Should surface moisture occur, the Applicator shall provide the necessary equipment to dry the surface prior to application.

All roofing, insulation, flashings, and metal work removed during construction shall be immediately taken off site to a legal dumping area authorized to receive such materials. Hazardous materials, such as materials containing asbestos, are to be removed and disposed of in strict accordance with applicable City, State and Federal requirements.

All new roofing waste material (i.e., scrap roof membrane, empty cans of adhesive) shall be immediately removed from the site by the Applicator and properly transported to a legal dumping area authorized to receive such material.

All new and temporary construction, including equipment and accessories, shall be secured in such a manner as to preclude wind blow-off and subsequent roof or equipment damage.

The Contractor shall take precautions that storage and/or application of materials and/or equipment does not overload the roof deck or building structure.

Arrange work sequence to avoid use of newly constructed roofing as a walking surface or for equipment movement and storage. Where such access is absolutely required, the Applicator shall provide all necessary protection and barriers to segregate the work area and to prevent damage to adjacent areas.

Precautions shall be taken when using adhesives at or near rooftop vents or air intakes. Adhesive odors could enter the building. Coordinate the operation of vents and air intakes in such a manner as to avoid the intake of adhesive odor while ventilating the building. Keep lids on unused cans at all times.

Contractor shall immediately stop work if any unusual or concealed condition is discovered and shall immediately notify the Project Manager of such condition in writing for correction at the Owner's expense (letter copy to the manufacturer).

All rooftop contamination that is anticipated or that is occurring shall be reported to the manufacturer to determine the corrective steps to be taken.

The Contractor shall follow all safety regulations as required by OSHA and any other applicable authority having jurisdiction.

Flammable adhesives and deck primers shall not be stored and not be used in the vicinity of open flames, sparks and excessive heat.

Protective wear shall be worn when using solvents or adhesives or as required by job conditions.

3.03 SUBSTRATE CONDITION

Contractor shall be responsible for acceptance or provision of proper substrate to receive new roofing materials.

Contractor shall verify that the work done under related sections meets the following conditions:

- Roof drains and/or scuppers have been reconditioned and/or replaced and installed properly.
- Roof curbs, nailers, equipment supports, vents and other roof penetrations are properly secured and prepared to receive new roofing materials.
- All surfaces are smooth and free of dirt, debris and incompatible materials.
- All roof surfaces shall be free of water, ice and snow.

3.04 SUBSTRATE PREPARATION

The roof deck and existing roof construction must be structurally sound to provide support for the new roof system. The Applicator shall load materials on the rooftop in such a manner to eliminate risk of deck overload due to concentrated weight. The Project Manager shall ensure that the roof deck is secured to the structural framing according to local building code and in such a manner as to resist all anticipated wind loads in that location.

Reroofing with Removal of Existing Bitumen Roofing. All existing roofing, base flashing, deteriorated wood blocking or deteriorated metal flashings shall be removed. Remove only that amount of roofing and flashing which can be made weathertight with new materials during a one-day period or before the onset of inclement weather.

Poured Structural Concrete Deck. The roof deck shall be smooth, even, free of dust, dirt, excess moisture or oil and be structurally sound. Sharp ridges, other projections and accumulations of bitumen above the surface shall be removed to ensure a smooth surface as specified by the manufacturer's recommendations before roofing. Any deteriorated decking shall be repaired.

3.05 SUBSTRATE INSPECTION

A dry, clean and smooth substrate shall be prepared to receive the adhered roof system.

The Contractor shall inspect the substrate for defects such as excessive surface roughness, contamination, structural inadequacy, or any other condition that will adversely affect the quality of work.

The substrate shall be clean, smooth, dry, free of flaws, sharp edges, loose and foreign material, oil and grease. Roofing shall not start until all defects have been corrected.

All roof surfaces shall be free of water, ice and snow.

Membrane shall be applied over compatible and accepted substrates only.

3.06 INSTALLATION OF MEMBRANE

General: The surface of the insulation or substrate shall be inspected prior to installation of the roof membrane. The substrate shall be clean, dry, free from debris, and smooth with no surface roughness or contamination. Broken, delaminated, wet, or damaged insulation boards shall be removed and replaced.

Notes:

- The Contractor shall count the amount of pails of adhesive used per area per day to verify conformance to the specified adhesive rate.
- No adhesive shall be applied in seam areas. All membrane shall be applied in the same manner.

2170 Adhesive:

- Over the properly installed and prepared substrate surface, 2170 adhesive
- shall be applied using solvent-resistant ¾ inch (19 mm) nap paint rollers.

- The adhesive shall be applied to the substrate at a rate according to the manufacturer's requirements. No adhesive is applied to the back of the G410 membrane. The adhesive shall be applied in smooth, even coats with no gaps, globs, puddles or similar inconsistencies. Only an area which can be completely covered in the same day's operations shall be coated with adhesive. The first layer of adhesive shall be allowed to dry completely prior to installing a second layer of 2170 and the membrane.
- The G410 membrane is unrolled immediately into a second layer of wet adhesive. Adjacent to that first installed roll of membrane, another second layer of wet adhesive is applied and the second roll of membrane is immediately unrolled into it, overlapping the first roll by three inches (75 mm). This process is repeated throughout the roof area. Immediately after application into adhesive, each roll shall be pressed firmly in place with a water-filled, foam-covered lawn roller by frequent rolling in two directions. **Do not allow the second application of adhesive to dry at all!**

2121 Adhesive:

- Over the properly installed and prepared substrate, 2121 adhesive shall be poured out of the pail and spread using notched $\frac{1}{4}$ inch x $\frac{1}{4}$ inch x $\frac{1}{4}$ inch (6 mm x 6 mm x 6 mm) rubber squeegees. The 2121 adhesive shall be applied at a rate according to the manufacturer's requirements. No adhesive is applied to the back of the G410 membrane. **Do not allow adhesive to skin-over or surface-dry prior to installation of G410 membrane.**
- The G410 roof membrane is unrolled immediately into the wet 2121 adhesive. Adjacent rolls overlap previous rolls by 3 inches (75 mm). This process is repeated throughout the roof area. Immediately after application into adhesive, each roll shall be pressed firmly into place with a water-filled, foam-covered lawn roller by frequent rolling in two directions. **Do not allow adhesive to skin-over or surface-dry prior to installation of G410 membrane.**

Notes:

- 2121 shall not be used if temperatures below 40° F (5° C) are expected during application or subsequent drying time.
- No adhesive shall be applied in seam areas. All membrane shall be applied in the same manner.

2142S Adhesive:

- Over the properly installed and prepared substrate, 2142S adhesive shall be poured out of the pail and spread using solvent resistant $\frac{3}{4}$ inch (19 mm) nap paint rollers with a sturdy frame. The 2142S adhesive shall be applied at a rate according to the manufacturer's requirements. No adhesive is applied to the back of the G410 feltback membrane. **Do not allow adhesive to skin-over or surface-dry prior to installation of G410 feltback membrane.**
- The G410 feltback roof membrane is unrolled immediately into the wet 2142S adhesive. Adjacent rolls overlap previous rolls by 3 inches (75 mm). This process is repeated throughout the roof area. Immediately after application into adhesive, each roll shall be pressed firmly into place with a water-filled, foam-covered lawn roller by frequent rolling in two directions. **Do not allow adhesive to skin-over or surface-dry prior to installation of G410 feltback membrane.**
- Weld G410 coverstrips at all G410 feltback seams that do not have a factory salvage edge.

Notes:

- 2142S shall not be used if temperatures below 40° F (5° C) are expected during application or subsequent curing time.
- No adhesive shall be applied in seam areas. All membrane shall be applied in the same manner.

3.07 HOT-AIR WELDING OF SEAM OVERLAPS

A. General

- All seams shall be hot-air welded. Seam overlaps should be 3 inches (75 mm) wide when automatic machine-welding and 4 inches (100 mm) wide when hand-welding, except for certain details.
- Welding equipment shall be provided by or approved by the manufacturer. All mechanics intending to use the equipment shall have successfully completed a training course provided by the Manufacturer's Technical Representative prior to welding.
- All membrane to be welded shall be clean and dry.

B. Hand-Welding

- Hand-welded seams shall be completed in two stages. Hot-air welding equipment shall be allowed to warm up for at least one minute prior to welding.
- The back edge of the seam shall be welded with a narrow but continuous weld to prevent loss of hot air during the final welding.
- The nozzle shall be inserted into the seam at a 45 degree angle to the edge of the membrane. Once the proper welding temperature has been reached and the membrane begins to "flow," the hand roller is positioned perpendicular to the nozzle and pressed lightly. For straight seams, the 1½ inch (40 mm) wide nozzle is recommended for use. For corners and compound connections, the ¾ inch (20 mm) wide nozzle shall be used.

C. Machine Welding

- Machine welded seams are achieved by the use of the manufacturer's automatic welding equipment. When using this equipment, the manufacturer's instructions shall be followed and local codes for electric supply, grounding and over current protection observed. Dedicated circuit house power or a dedicated portable generator is recommended. No other equipment shall be operated off the generator.
- Metal tracks may be used over the deck membrane and under the machine welder to minimize or eliminate wrinkles.

C. Quality Control of Welded Seams

- The Contractor shall check all welded seams for continuity using a rounded screwdriver. Visible evidence that welding is proceeding correctly is smoke during the welding operation, shiny membrane surfaces, and an uninterrupted flow of dark grey material from the underside of the top membrane. On-site evaluation of welded seams shall be made daily by the Applicator to locations as directed by the Project Manager or the manufacturer's representative. One inch (25 mm) wide cross-section samples of welded seams shall be taken at least three times a day. Correct welds display failure from shearing of the membrane prior to separation of the weld. Each test cut shall be patched by the Applicator at no extra cost to the Owner.

3.08 MEMBRANE FLASHINGS

A. General

- All flashings shall be installed concurrently with the roof membrane as the job progresses. No temporary flashings shall be allowed without the prior written approval of the Project Manager and the manufacturer. Approval shall only be for specific locations on specific dates. If any water is allowed to enter under the newly completed roofing, the affected area shall be removed and replaced at the Applicator's expense. Flashing shall be adhered to compatible, dry, smooth, and solvent-resistant surfaces. Use caution to ensure adhesive fumes are not drawn into the building.

B. Adhesive for Membrane Flashings

- Over the properly installed and prepared flashing substrate, adhesive shall be applied according to instructions found on the Product Data Sheet. The adhesive shall be applied in smooth, even coats with no gaps, globs or similar inconsistencies. Only an area which can be completely covered in the same day's operations shall be flashed. The bonded sheet shall be pressed firmly in place with a hand roller.

- No adhesive shall be applied in seam areas that are to be welded. All panels of membrane shall be applied in the same manner, overlapping the edges of the panels as required by welding techniques.
- Peel stop is required by the manufacturer at the base of all tapered edge strips and at transitions, peaks, and valleys according to the manufacturer's details. Install peel stop with approved fasteners into the structural deck at the base of parapets, walls and curbs.
- Manufacturer's requirements and recommendations and the specifications shall be followed. All material submittals shall have been accepted by the manufacturer prior to installation.
- Flashings shall be terminated according to the manufacturer's recommended details.
- All flashings that exceed 30 inches (0.75 m) in height shall receive additional securement. Consult Manufacturer's Technical Department for securement methods.

3.09 INSTALLATION OF JOINT SEALANTS

Perform work in accordance with sealant manufacturer's requirements for preparation of surfaces and material installation instructions to achieve published sealant performance.

Perform installation in accordance with ASTM C 1193.

Remove loose materials and foreign matter which might impair adhesion of sealant.

Clean and prime joints in accordance with manufacturer's instructions.

Protect elements surrounding the work of this section from damage or disfigurement.

Measure joint dimensions and size joint backers to achieve width-to-depth ratio, neck dimension, and surface bond area as recommended by manufacturer, except where specific dimensions are indicated.

Install bond breaker where joint backing is not used.

Install sealant free of air pockets, foreign embedded matter, ridges, and sags.

Apply sealant within recommended application temperature ranges. Consult manufacturer when sealant cannot be applied within these temperature ranges.

Immediately after sealant application and prior to time skinning or curing begins, tool joints concave.

Clean off excess sealants adjacent to joints as work progresses by methods and with cleaning materials approved by manufacturer.

Protect joint sealants during and after curing period from contact with contaminating substances or from damage resulting from construction operations or other causes so that they are without deterioration or damage at time of Substantial Completion. If, despite such protection, damage or deterioration occurs, cut out and remove damaged or deteriorated joint sealants immediately and install sealants so that repaired areas are indistinguishable from original work.

3.10 TEMPORARY CUT-OFF

All flashings shall be installed concurrently with the roof membrane in order to maintain a watertight condition as the work progresses. All temporary water stops shall be constructed to provide a 100 percent watertight seal. The stagger of the insulation joints shall be made even by installing partial panels of insulation. The new membrane shall be carried into the water stop. The water stop shall be sealed to the deck and/or substrate so that water will not be allowed to travel under the new or existing roofing. The edge of the membrane shall be sealed in a continuous heavy application of sealant as described in Section 3.09. When work resumes, the contaminated membrane shall be cut out. All sealant, contaminated membrane, insulation fillers, etc. shall be removed from the work area and properly disposed of off site. None of these materials shall be used in the new work.

If inclement weather occurs while a temporary water stop is in place, the Applicator shall provide the labor necessary to monitor the situation to maintain a watertight condition.

If any water is allowed to enter under the newly-completed roofing, the affected area shall be removed and replaced at the Contractor's expense.

3.11 COMPLETION

Site cleanup, including both interior and exterior building areas that have been affected by construction, shall be completed to the Owner's satisfaction.

All landscaped areas damaged by construction activities shall be repaired at no cost to the Owner.

Prior to demobilization from the site, the work shall be reviewed by the Project Manager and the Contractor. All defects noted and non-compliances with the specifications or the recommendations of the manufacturers shall be itemized in a punch list. These items must be corrected within ten (10) calendar days by the Applicator to the satisfaction of the Project Manager and the manufacturer.

All Warranties referenced in this specification shall have been submitted and have been accepted at time of contract award.

GENERAL PROVISIONS – SMALL WORKS ROSTER

Public Works and Improvements Contracts of Less Than or Equal to \$200,000

(Revised January 2012)

Only contractors notified directly by the City of Tacoma regarding this solicitation may respond. If you did not receive notice directly from the City regarding this solicitation you are not eligible to participate. Additionally, only contractors that have received notice from the City confirming they are on Tacoma's small works roster are eligible to participate in the City's Small Works Roster program.

UNLESS OTHERWISE REQUIRED BY THE SPECIFICATION OR AGREED TO IN WRITING, THE FOLLOWING TERMS AND CONDITIONS SHALL GOVERN THE RIGHTS, RESPONSIBILITIES AND OBLIGATIONS OF THE PARTIES TO THE CONTRACT.

SECTION II – CONTRACT REQUIREMENTS

2.01 CONTRACTOR

As used herein, the "Contractor" shall be the Respondent(s) awarded a contract pursuant to this Specification, whether designated as a Respondent, Vendor, Proposer, Bidder, Seller, Merchant, Service Provider or otherwise.

2.02 CONTRACTOR'S RESPONSIBILITY

A. Contract Documents

The Bidder to whom the Contract is awarded, hereinafter called the Contractor, shall enter into a Contract with the City of Tacoma within 10 days after receipt from the City of Tacoma of a properly prepared Contract. In addition, the Contractor will do all things required to promptly perform this Contract pursuant to the terms of this Contract. Certain contracts for supplies, goods or equipment may use the City Purchase Order in place of a formal contract document.

B. Independent Contractor

Contractor is an independent contractor; no personnel furnished by the Contractor shall be deemed under any circumstances to be the agent or servant of the City. Contractor shall be fully responsible for all acts or omissions of Subcontractors and its and their suppliers, and of persons employed by them, and shall be specifically responsible for sufficient and competent supervision and inspection to assure compliance in every respect with the Contract. There shall be no contractual relationship between any Subcontractors or supplier and the City arising out of or by virtue of this agreement. No provision of the Contract is intended or is to be construed to be for the benefit of any third party.

2.03 CONFLICTS IN SPECIFICATIONS

Anything mentioned in the Specifications and not shown on the drawings and anything on the drawings and not mentioned in the Specifications shall be of like effect and shall be understood to be shown and/or mentioned in both. In case of differences between Drawings and Specifications, the Specifications shall govern. In addition, in the event of any conflict between these General Provisions, the Special Provisions, the Technical Provisions and/or the Proposal pages, the following order of precedence shall control:

- a) Proposal pages prevail if they conflict with the General, Special or Technical Provisions.
- b) Special Provisions prevail if they conflict with the General Provisions and/or Technical Provisions.
- c) Technical Provisions prevail if they are in conflict with the General Provisions.

In case of discrepancy of figures between Drawings, Specifications or both, the matter shall immediately be submitted to the engineer/project manager for determination. Failure to submit the discrepancy issue to the engineer/project manager shall result in the Contractor's actions being at his/her own risk and expense. The

engineer/project manager shall furnish from time to time such detailed drawings and other information as he/she may consider necessary.

2.04 INSPECTION

A. Of the Work

All materials furnished and work done shall be subject to inspection.

The Inspector administering the Contract shall at all times have access to the work wherever it is in progress or being performed, and the Contractor shall provide proper facilities for such access and inspection. Such inspection shall not relieve the Contractor of the responsibility of performing the work correctly, utilizing the best labor and materials in strict accordance with the Specifications of this Contract. All material or work approved and later found to be defective shall be replaced without cost to the City of Tacoma.

B. Inspector's Authority

The inspector shall have power to reject materials or workmanship which does not fulfill the requirements of these Specifications, but in case of dispute the Contractor may appeal to the engineer/project manager.

The Contract shall be carried out under the general control of the representative of the particular department/division administering the Contract, who may exercise such control over the conduct of the work as may be necessary, in his or her opinion, to safeguard the interest of the City of Tacoma. The Contractor shall comply with any and all orders and instructions given by the representative of the particular department/division administering the Contract in accordance with the terms of the Contract.

Provided, that for the purposes of construction contracts, such control shall only apply (a) to the extent necessary to ensure compliance with the provisions of this contract, and (b) to the extent necessary to fulfill any non-delegable duty of the City for the benefit of third parties not engaged in promoting the activity of this contract.

Nothing herein contained, however, shall be taken to relieve the Contractor of his/her obligations or responsibilities under the Contract.

2.05 FEDERAL, STATE AND MUNICIPAL REGULATIONS

All federal, state, municipal and/or local regulations shall be satisfied in the performance of all portions of this Contract. The Contractor shall be solely responsible for all violations of the law from any cause in connection with work performed under this Contract.

2.06 INDEMNIFICATION – HOLD HARMLESS

A. Indemnification

The Contractor shall indemnify, defend and hold harmless the City, its officials, officers, agents, employees and volunteers, from any and all claims, demands, damages, lawsuits, liabilities, losses, liens, expenses and costs arising out of the subject matter of this Contract; provided that this provision shall not apply to the extent that damage or injury results from the fault of the City, or its officers, agents, or employees. The term "fault" as used herein shall have the same meaning as set forth in RCW 4.22.015, as that statute may hereafter be amended.

The Contractor specifically assumes potential liability for actions brought by the Contractor's own employees against the City and, solely for the purpose of this indemnification and defense, the Respondent specifically waives any immunity under the state industrial insurance law, Title 51 RCW.

These indemnifications shall survive the termination of this Contract.

A waiver or failure by either party to enforce any provision of this Contract shall not be construed as a continuing waiver of such provisions, nor shall the same constitute a waiver of any other provision of this Contract.

2.07 ASSIGNMENT AND SUBLETTING OF CONTRACT

A. Assignment

The Contract shall not be assigned except with the consent of the project manager or his/her designee.

Requests for assignment of this contract must be in writing with the written consent of the surety, and the request must show the proposed person or organization to which the contract is assigned is capable, experienced and equipped to perform such work. The proposed substitute person or organization may be required to submit to the City information as to his/her experience, financial ability and give statements covering tools, equipment, organization, plans and methods to fulfill any portion of the Contract prior to approval of assignment.

B. Subletting

The Contract shall not be sublet except with the written consent of the project manager or his/her designee. In the event that a prequalified electrical contractor is necessary to perform certain portions of the work, such work may be subcontracted with a City prequalified electrical contractor for the type of work involved.

Requests for subletting of this Contract must be in writing with the written consent of the Surety, and the request must show the proposed person or organization to which the Contract is sublet is capable, experienced and equipped to perform such work. The proposed substitute person or organization may be required to submit to the City information as to his experience, financial ability and give statements covering tools, equipment, organization, plans and methods to fulfill any portion of the Contract prior to approval of subletting.

The written consent approving the subletting of the Contract shall not be construed to relieve the Contractor of his/her responsibility for the fulfillment of the Contract. The Subcontractor shall be considered to be the agent of the Contractor and the Contractor agrees to be responsible for all the materials, work and indebtedness incurred by the agent.

A subcontractor shall not sublet any portion of a subcontract for work with the City without the written consent of the City.

2.08 DELAY

A. Extension of Time

With the written approval of the project manager or his/her designee, the Contractor may be granted additional time for completion of the work required under this Contract, if, in the project manager's opinion the additional time requested arises from unavoidable delay.

B. Unavoidable Delay

Unavoidable delays in the prosecution of the work shall include only delays from causes beyond the control of the Contractor and which he/she could not have avoided by the exercise of due care, prudence, foresight and diligence. Delay caused by persons other than the Contractor, Subcontractors or their employees will be considered unavoidable delays insofar as they necessarily interfere with the Contractor's completion of the work, and such delays are not part of this Contract.

Unavoidable delay will not include delays caused by weather conditions, surveys, measurements, inspections and submitting plans to the engineer/project manager of the particular department/division involved in administering this Contract.

2.09 GUARANTEE

A. Guarantee for Construction, Labor or Services Contract

Neither the final certificate of payment or any provision in the Contract Documents, nor partial or entire occupancy of the premises by the City, shall constitute an acceptance of work not done in accordance with the Contract Documents or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. The Contractor shall remedy any defects in the work and

pay for any damage to other work resulting therefrom, which shall appear within a period of one year from the date of final acceptance of the work unless a longer period is specified. The City will give notice of observed defects with reasonable promptness.

If it has been discovered, before payment is required under the terms of the Contract, that there is a failure to comply with any of the terms and provisions of this Contract, the City has the right and may withhold payment.

In case of a failure of any part of the work, materials, labor and equipment furnished by the Contract or to fully meet all of the requirements of the Contract, the Contractor shall make such changes as may be necessary to fully meet all of the specifications and requirements of this Contract. Such changes shall be made at the Contractor's sole cost and expense without delay and with the least practicable inconvenience to the City of Tacoma. Rejected material and equipment shall be removed from the City's property by and at the expense of the Contractor.

B. Guarantee for Supply Contracts

Unless a longer period is specified, the supplier and/or manufacturer of the supplies, materials and/or equipment furnished pursuant to this Contract agrees to correct any defect or failure of the supplies, materials and/or equipment which occurs within one year from the date of: (1) test energization if electrical or mechanical equipment; (2) commencement of use if supplies or materials, provided, however, said guarantee period shall not extend beyond eighteen months after date of receipt by the City. All of the costs (including shipping, dismantling and reinstallation) of repairs and/or corrections of defective or failed equipment, supplies and/or material is the responsibility of the supplier and/or manufacturer.

When the supplier is not the manufacturer of the item of equipment, supplier agrees to be responsible for this guarantee and supplier is not relieved by a manufacturer's guarantee.

C. Guarantee Period Extension

The Contract guarantee period shall be suspended from the time a significant defect is first documented by the City until the work or equipment is repaired or replaced by Contractor and accepted by the City. In addition, in the event less than ninety (90) days remain on the guarantee period (after recalculating), the guarantee period shall be extended to allow for at least ninety (90) days from the date the work or equipment is repaired or replaced and accepted by the City.

2.10 DEDUCTIONS FOR UNCORRECTED WORK

If the City of Tacoma deems it expedient to correct work not done in accordance with the terms of this Contract, an equitable deduction from the Contract price shall be made.

2.11 CITY OF TACOMA'S RIGHT TO TERMINATE CONTRACT

If the Contractor should be adjudged as bankrupt, or makes a general assignment for the benefit of creditors, or a receiver should be appointed on account of his/her insolvency, or if he/she or any of his/her subcontractors should violate any of the provisions of the Contract, or if the work is not being properly and diligently performed, the City of Tacoma may serve written notice upon the Contractor and Surety, executing the Performance Bond, of its intention to terminate the Contract; such notice will contain the reasons for termination of the Contract, and unless within 10 days after the serving of such notice, such violation shall cease and an arrangement satisfactory to the City of Tacoma for correction thereof shall be made, the Contract shall, upon the expiration of said 10 days, cease and terminate and all rights of the Contractor hereunder shall be forfeited. In the event the Contract is terminated for cause, Contractor shall not be entitled to any lost profits resulting therefrom.

In the event of any such termination, the City of Tacoma shall immediately send (by regular mail or other method) written notice thereof to the Surety and the Contractor. Upon such termination the Surety shall have the right to take over and perform the Contract, provided however, the Surety must provide written notice to the City of its intent to complete the work within 15 calendar days of its receipt of the original written notice (from the City) of the intent to terminate. Upon termination and if the Surety does not perform the work, the City of Tacoma may take over the work and prosecute the same to completion by any method it may deem

advisable, for the account of and at the expense of the Contractor, and the Contractor and the Surety shall be liable to the City of Tacoma for all cost occasioned to the City of Tacoma thereby. The City of Tacoma may without liability for doing so, take possession of and utilize in completing the work, such materials, equipment, plant and other property belonging to the Contractor as may be on the site of the work and necessary therefore.

2.12 LIENS

In the event that there are any liens on file against the City of Tacoma, the City of Tacoma shall be entitled to withhold final or progress payments to the extent deemed necessary by the City of Tacoma to properly protect the outstanding lien claimants until proper releases have been filed with the City Clerk.

2.13 PRICE, RISK OF LOSS, DELIVERY

A. Firm Prices/Risk of Loss

All prices shall remain firm during the term of this Contract. All prices shall be FOB, the place of destination (as defined in RCW 62A.2-319, as that statute may hereafter be amended), with freight prepaid and allowed (shipping costs included in unit prices), and risk of loss remaining with contractor/Supplier until delivery is tendered unless otherwise stated in these Specifications.

B. Delivery

Deliveries shall be between 9:00 a.m. and 3:30 p.m.; Monday through Friday only (except legal holidays of the City of Tacoma). Failure to make timely delivery shall be cause for termination of the order and return of all or part of the items at Contractor/Supplier expense except in the case of force majeure.

2.14 COMPENSATION

The City shall compensate the Contractor in accordance with the Contract. Said compensation shall be the total compensation for Contractor's performance hereunder including, but not limited to, all work, services, deliverables, materials, supplies, equipment, subcontractor's fees and all reimbursable travel and miscellaneous or incidental expenses to be incurred by Contractor.

2.15 INCURRED COSTS

The City of Tacoma is not liable in any way for any costs incurred by respondents replying to this solicitation.

2.16 INVOICES

Each invoice shall show City of Tacoma purchase order number, release number if applicable, quantity, unit of measure, item description, unit price and extended price for each line. Line totals shall be summed to give a grand total to which sales tax shall be added, if applicable. Invoices shall be sent in duplicate to:

Accounts Payable
City of Tacoma
PO Box 1717
Tacoma, WA 98401-1717

Any terms, provisions or language in Contractor's invoice(s) that conflict with the terms of this Contract shall not apply to this Contract unless expressly accepted in writing by the City.

2.17 PAYMENT TERMS

Payment shall be made through the City's ordinary payment process, and shall be considered timely if made within 30 days of receipt of a properly completed invoice OR City department payment request. Payment will not be considered late if mailed or electronically disbursed within the time specified. Payment(s) made in accordance with this Contract shall fully compensate the Contractor for all risk, loss, damages or expense of whatever nature, and acceptance of payment shall constitute a waiver of all claims submitted by Contractor. All payments shall be subject to adjustment for any amounts, upon audit or otherwise, determined to have been improperly invoiced.

Invoices will not be processed for payment, nor will the period of cash discount commence, until all invoiced items are received and satisfactory performance of the Contract has been attained, and a properly

completed invoice is received by the City. If an adjustment in payment is necessary due to damage or dispute, the cash discount period shall commence on the date final approval for payment is authorized.

Contractors with annual gross revenues below \$250,000 who are awarded contracts of less than or equal to \$100,000, who have completed mutually agreed upon quantities of work, shall be paid within 10 business days, less five percent retainage, unless waived, provided they have complied with all contractual requirements, including but not limited to receipt by the city of certified payrolls, statement of intents to pay, etc., of the contract at the time of payment.

2.18 APPROVED EQUALS

- A.** Unless an item is indicated as "No substitute," special brands, when named, are intended to describe the standard of quality, performance or use desired. Equal items will be considered by the City, provided that the bidder specifies the brand and model, and provides all descriptive literature, independent test results, product samples, local servicing and parts availability to enable the City to evaluate the proposed "equal."
- B.** The decision of the City as to what items are equal shall be final and conclusive. If the City elects to purchase a brand represented by the bidder to be an "equal," the City's acceptance of the item is conditioned on the City's inspection and testing after receipt. If, in the sole judgment of the City, the item is determined not to be an equal, the item shall be returned at the bidder's expense.
- C.** When a brand name, or level of quality is not stated by the bidder, it is understood the offer is exactly as specified. If more than one brand name is specified, bidders must clearly indicate the brand and model/part number being bid.

2.19 COOPERATIVE PURCHASING

The Washington State Interlocal Cooperation Act RCW 39.34 provides that other governmental agencies may purchase goods and services based on this Contract in accordance with the terms and prices indicated herein if all parties are agreeable. Each public agency shall formulate a separate contract with the Contractor, incorporating the terms and conditions of this Contract with the City of Tacoma. The City shall incur no liability in connection with such contracts or purchases by other public agencies thereunder. It will be the Contractor's responsibility to inform such public agencies of this Contract. Contractor shall invoice such public agencies as separate entities

2.20 INCREASE OR DECREASE IN QUANTITIES

The City of Tacoma reserves the right to increase or decrease quantities of any items under this contract and pay according to the unit prices quoted in the submittal with no adjustments for anticipated profit.

2.21 EXTENSION OF CONTRACT

Contracts resulting from this Specification shall be subject to extension by mutual agreement per the same prices, terms, and conditions.

2.22 ENTIRE AGREEMENT

This written contract represents the entire Agreement between the parties and supersedes any prior oral statements, discussions or understandings between the parties.

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GENERAL PROVISIONS – SMALL WORKS ROSTER

SECTION III – CONSTRUCTION AND/OR LABOR CONTRACTS

3.01 BIDDER'S DUTY TO EXAMINE

The Bidder agrees to be responsible for examining the site(s) and to have compared them with the Specifications and Contract Drawings, and to be satisfied as to the facilities and difficulties attending the execution of the proposed Contract (such as uncertainty of weather, floods, nature and condition of materials to be handled and all other conditions, obstacles and contingencies) before the delivery of his/her Proposal. No allowance will be subsequently made by the City on behalf of the Bidder by reason of any error or neglect on Bidder's part, for such uncertainties as aforesaid.

3.02 PERMITS

Except when modified by these specifications, the Contractor shall procure and pay for all permits and licenses necessary for the completion of this Contract including those permits required by the City of Tacoma. The City will obtain county or state road crossing permits if required. In the event a necessary permit is not obtained, the Contractor will not be permitted to work on items subject to said permit and any delays caused thereby will not be subject to extra compensation or extensions.

3.03 NOTIFICATION OF OTHER GOVERNMENTAL AGENCIES AND UTILITIES WHEN UNDERGROUND WORK IS INVOLVED

The Contractor shall notify all other affected governmental agencies and utilities whenever underground work is done under the terms of this Contract. The Contractor is required to obtain permission of the appropriate public and private utilities and governmental agencies before performing underground work pursuant to the terms of this Contract. The Contractor is required to call "one call" at 1-800-424-5555 for all work involving excavation or digging more than 12 inches beneath ground or road surface.

The City may have indicated on the plans and specifications the existence of certain underground facilities that are known to the City department/division responsible for this Contract. It is the Contractor's responsibility to fully comply with the Underground Utility Locate Law, Chapter 19.122 RCW. If the site conditions are "changed or differing" as defined by RCW 19.122.040(l), the Contractor may pursue the party responsible for not properly marking or identifying the underground facility. The Contractor agrees not to file any claim or legal action against the City (department/division responsible for this Contract) for said "changed or differing" conditions unless said City department/division is solely responsible for the delay or damages that the Contractor may have incurred.

3.04 TRENCH EXCAVATION BID ITEM

In the event that "trench excavation" in excess of four feet requires a safety system pursuant to Washington state law and safety shoring, sloping, sheeting, or bracing is used, a separate bid item should be set forth in the Proposal for this work. If a separate bid item is not set forth in the Proposal pages, said installed safety system shall be paid at \$3.00 per lineal foot of trench, which unit price includes both sides of the trench.

3.05 CONTRACTOR'S INSURANCE

The Contractor shall not commence work under this Contract until all required insurance has been obtained and such insurance has been approved by the City of Tacoma, nor shall the Contractor allow any subcontractor to commence work on his/her subcontract until all insurance required herein has been obtained by Subcontractor. It is the Contractor's responsibility to ascertain that all Subcontractors have the insurance as required by this Contract at all times such Subcontractors are performing the work. The insurance coverages required herein shall be maintained and effective at all times any work including guarantee work is being performed by the Contractor or a Subcontractor.

A. Compensation Insurance

The Contractor shall, at all times during the existence of this Contract, fully comply with all of the terms and conditions of the laws of the state of Washington pertaining to Workers' Compensation together with any and all amendments and supplements thereto and any and all regulations promulgated thereunder.

In the event any of the work herein is sublet, the Contractor shall require such Subcontractor to fully comply with all of the terms and conditions of the laws of the state of Washington pertaining to Workers' Compensation. For persons engaged in employment who are not within the mandatory coverage of the state Workers' Compensation laws, the Contractor shall provide and shall cause each subcontractor to provide compensation insurance (including self-insurance if it otherwise meets all requirements of state Workers' Compensation laws), satisfactory to the City, at least equivalent to the benefits provided for covered employment under state Workers' Compensation laws.

B. Public Liability and Property Damage Insurance

The Contractor shall procure and maintain during the life of this Contract, a policy of comprehensive general liability insurance, with an insurance carrier authorized to do business in the state of Washington. The policy shall be approved as to form and content by the City Attorney and shall protect the City of Tacoma from liability imposed by law for damages suffered by any persons arising out of or resulting from acts or omissions in the performance of this contract: (1) for bodily injury or death resulting therefrom caused by accidents or occurrences resulting from any act or omission by the Contractor in the performance of the Contract, and (2) for injury to, or destruction of, any property, including property of the City of Tacoma, and including loss of use. The policy or policies shall include coverage for claims for damages because of bodily injury or death or property damage arising out of the ownership, maintenance or use of any motor vehicle, including hired or non-owned vehicles.

If the Contractor fails to maintain such insurance, the City of Tacoma may, at its discretion, immediately terminate the contract.

3.06 SAFETY

A. General

The Contractor shall, at all times, exercise adequate precautions for the safety of all persons, including its employees and the employees of a Subcontractor, in the performance of this Contract and shall comply with all applicable provisions of federal, state, county and municipal safety laws and regulations. It is the Contractor's responsibility to furnish safety equipment or to contractually require Subcontractors to furnish adequate safety equipment relevant to their responsibilities.

The Contractor shall obtain the necessary line clearance from the inspector before performing any work in, above, below or across energized Power Division circuits.

The Inspector and/or engineer/project manager may advise the Contractor and the Safety Officer of any safety violations. It is the Contractor's responsibility to make the necessary corrections. Failure to correct safety violations is a breach of this Contract and, as such, shall be grounds for an order from the safety officer, inspector or engineer/project manager to cease further work and remove from the job site until the condition is corrected. Time and wages lost due to such safety shutdowns shall not relieve the Contractor of any provisions of Section 3.14 of this Specification and shall be at the sole cost of the Contractor. The purpose of this authority to stop work is to enforce the contract and not to assume control except to the extent necessary to ensure compliance with the provisions of this contract.

Any of the above actions by employees of the City of Tacoma shall in no way relieve the Contractor of his/her responsibility to provide for the safety of all persons, including his/her employees.

B. Work Hazard Analysis Report

The Contractor will be required to complete a work hazard analysis report. This report shall outline how the Contractor proposes to satisfy all safety laws and regulations involved in performing the work. This report

shall be completed and submitted to the City Safety Officer before the pre-construction conference. A copy of the report shall be maintained at the work site (accessible to the supervisor).

3.07 PROTECTION OF WORKERS AND PROPERTY

The Contractor shall erect and maintain good and sufficient guards, barricades and signals at all unsafe places at or near the work and shall, in all cases, maintain safe passageways at all road crossings, and crosswalks, and shall do all other things necessary to prevent accident or loss of any kind.

The Contractor shall protect from damage all utilities, improvements, and all other property that is likely to become displaced or damaged by the execution of the work under this Contract.

The Contractor is responsible for all roads and property damaged by his/her operations as shall be determined by the engineer/project manager administering this Contract. The Contractor shall be responsible for repairing all damage to roads caused by his/her operations to the satisfaction of the particular governmental body having jurisdiction over the road.

3.08 CONTRACTOR - SUPERVISION AND CHARACTER OF EMPLOYEES

A. Superintendent to Supervise Contractor's Employees

The Contractor shall keep on his/her work, during its progress, a competent superintendent and any necessary assistants, all of whom must be satisfactory to the City of Tacoma. The Contractor's superintendent shall not be changed except with the consent of the City of Tacoma, unless the Contractor's superintendent proves to be unsatisfactory to the Contractor and ceases to be in his/her employ. The Contractor's superintendent shall represent the Contractor in his/her absence and all directions given to him/her shall be binding as if given to the Contractor directly. The Contractor shall give efficient supervision to the work, using his/her best skill and attention.

B. Character of Contractor's Employees

The Contractor shall employ only competent, skillful, faithful and orderly persons to do the work, and whenever the engineer/project manager administering the Contract shall notify the Contractor in writing that any person on the work is, in his or her opinion, incompetent, unfaithful, disorderly or otherwise unsatisfactory, the Contractor shall forthwith discharge such persons from the work and shall not again employ him or her on this Contract.

3.09 CONTRACTOR'S COMPLIANCE WITH THE LAW

A. Hours of Labor

The Contractor and Subcontractors shall be bound by the provisions of RCW Chapter 49.28 (as amended) relating to hours of labor. Except as set forth in these specifications, eight (8) hours in any calendar day shall constitute a day's work on a job performed under this Contract.

In the event that the work is not performed in accordance with this provision and in accordance with the laws of the state of Washington, then this Contract may be terminated by the City of Tacoma for the reason that the same is not performed in accordance with the public policy of the state of Washington as defined in said statutes.

B. Prevailing Wages

The Contractor and any Subcontractors shall be bound by the provisions of Chapter 39.12 RCW, as amended, relating to prevailing wages and usual fringe benefits. No worker, laborer, or mechanic employed in the performance of any part of this Contract shall be paid less than the "prevailing rate of wage" as determined by the industrial Statistician of the Department of Labor and industries. The schedule of the prevailing wage rates for the locality or localities where this Contract will be performed is by reference made a part of this Contract as though fully set forth herein. Current prevailing wage data will be furnished by the Industrial Statistician upon request. The Contractor shall immediately upon award of the Contract, contact the Department of Labor and Industries, [Prevailing Wage Section](#), 866-219-7321, to obtain full information, forms and procedures relating to these matters.

Before payment is made by or on behalf of the City, of any sum or sums due on account of a Public Works contract, it shall be the duty of the officer or person charged with the custody and disbursement of public funds to require the Contractor and each and every Subcontractor from the Contractor or a Subcontractor to submit to such officer a "Statement of Intent to Pay Prevailing Wages." Each statement of intent to pay prevailing wages must be approved by the industrial statistician of the Department of Labor and Industries before it is submitted to said officer. Unless otherwise authorized by the Department of Labor and Industries each voucher claim submitted by a Contractor for payment on a project estimate shall state that the prevailing wages have been paid in accordance with the prefiled statement or statements of intent to pay prevailing wages on file with the public agency. Following the final acceptance of a Public Works project, it shall be the duty of the officer charged with the disbursement of public funds to require the Contractor and each and every Subcontractor from the Contractor or a Subcontractor to submit to such officer an "Affidavit of Wages Paid" before the funds retained according to the provisions of RCW 60.28.010 are released to the Contractor. Each affidavit of wages paid must be certified by the industrial statistician of the Department of Labor and Industries before it is submitted to said officer.

In the event any dispute arises as to what are the prevailing rates of wages for work of a similar nature and such dispute cannot be adjusted by the parties in interest, including labor and management representatives, the matter shall be referred for arbitration to the Director of the State of Washington, Department of Labor and Industries whose decision shall be final, conclusive and binding on all parties involved in the dispute.

3.10 CHANGES

A. In Plans or Quantities

The City of Tacoma, without invalidating this Contract, or any part of this Contract, may order extra work or make reasonable changes by altering, adding to or deducting from the materials, work and labor and the Contract sum will be adjusted accordingly. All such work and labor shall be executed under the conditions of the original Contract except that any claim for extension of time caused thereby shall be adjusted at the time of ordering such change. When work or bid items are deducted, reduced or eliminated, it is agreed that no payment will be made to Contractor for anticipated profit.

B. Extra Work

Any claim or order for extra materials, work and labor made necessary by alterations or additions to the plans or by other reasons for which no price is provided in this Contract, shall not be valid unless the Contractor and engineer/project manager administering the Contract have agreed upon a price prior to commencing extra work, and the agreement has been signed by the Contractor and approved by the project manager or his/her designee, and approved by the performance bond surety.

C. Extra Work – No Agreed Price

If it is impracticable to fix an increase in price definitely in advance, the order may fix a maximum price which shall not under any circumstances, be exceeded, and subject to such limitation, such alteration, modification, or extra shall be paid for at the actual necessary cost as determined by the City of Tacoma, which cost (including an allowance for profit) shall be determined as the sum of the following items inclusive:

1. Labor, computed at regular wage scale, including premium on compensation insurance and charge for social security taxes, and other taxes, pertaining to labor; no charge for premium pay shall be allowed unless authorized by the engineer/project manager administering the Contract;
2. The proportionate cost of premiums on comprehensive general liability and other insurance applicable to the extra work involved and required under this Contract;
3. Material, including sales taxes pertaining to materials;
4. Plant and equipment rental, to be agreed upon in writing before the work is begun; no charge for the cost of repairs to plant or equipment will be allowed;
5. Superintendence, general expense and profit computed at 20 percent of the total of paragraphs (1) to (4) inclusive;

6. The proportionate cost of premiums on bond required by this Contract, computed by 1 1/2 percent of the total of paragraphs (1) to (5) inclusive.
7. The City of Tacoma reserves the right to furnish such materials as it may deem expedient, and no allowance will be made for profit thereon.

Whenever any extra work is in progress, for which the definite price has not been agreed on in advance, the Contractor shall each day, report to the engineer/project manager the amount and cost of the labor and material used, and any other expense incurred in such extra work on the preceding day, and no claim for compensation for such extra work will be allowed unless such report shall have been made.

The above-described methods of determining the payment for work and materials shall not apply to the performance of any work or the furnishing of any material, which, in the judgment of the engineer/project manager administering the Contract, may properly be classified under items for which prices are established in the Contract.

D. Claims for Extra Work

If the Contractor claims that any instructions by drawings or otherwise, involve extra cost under this Contract, he/she shall give the City of Tacoma written notice thereof within 30 days after receipt of such instruction, and in any event before proceeding to execute the work, except in an emergency endangering life or property, and the procedures governing the same shall be as provided for immediately above in this paragraph. The method in these paragraphs is the only method available to the Contractor for payment of claims for extra work performed under the terms of this Contract.

3.11 CLEANING UP

The Contractor shall at all times, at his/her own expense, keep the premises free from accumulation of waste materials or debris caused by any workers or the work, at the completion of the work the Contractor shall remove all his waste materials from and about the site and all his/her equipment, sanitary facilities and surplus materials. In the case of dispute, the City of Tacoma may remove the debris and charge the cost to the Contractor as the City of Tacoma shall determine to be just. All material that is deposited or placed elsewhere than in places designated or approved by the engineer/project manager administering the Contract will not be paid for and the Contractor may be required to remove such material and deposit or place it where directed.

3.12 PROGRESS PAYMENT

Progress payments will be made up to the amount of ninety-five percent (95%) of the actual work completed as shall be determined by the engineer/project manager administering the Contract.

The Contractor may request that an escrow account be established as permitted by law, in which event the Contractor will earn interest on the retained funds.

When the time for construction, services and/or installation will exceed thirty (30) days, the Contractor may request, by invoice, to be paid a progress payment based on percentage of work completed. The engineer/project manager will review and approve the progress payment request on a monthly basis.

3.13 FINAL PAYMENT

The final payment of five percent (5%) of the Contract price shall be approved on final acceptance of the work under this Contract by the project manager or his/her designee. Also, before final payment is made, the Contractor shall be required to:

- A. Provide a certificate from the Washington State Department of Revenue that all taxes due from the Contractor have been paid or are collectible in accordance with the provisions of Chapter 60.28 and Title 82 of the Revised Code of Washington. In addition to the Department of Revenue requirements, releases from the state of Washington Labor & Industries and Employment Securities must be received.
- B. Provide the General Release and Final Contract Verification to the City of Tacoma on the form set forth in these Contract documents, if applicable;

- C. Provide a release of any outstanding liens that have been otherwise filed against any monies held or retained by the City of Tacoma;
- D. File with the Washington State Department of Labor and Industries, on the state form to be provided, an affidavit of wages paid;

If there is a fee assessed to the City for any certificate, release or other form required by law, the contractor agrees that the fee amount may be passed on to the Contractor and deducted from the monies paid to the Contractor.

3.14 FAILURE TO COMPLETE THE WORK ON TIME

Should the completion of the work required under the Contract be delayed beyond the expiration of the period herein set for the completion of said work, or such extension of said period as may be allowed by reason of unavoidable delays, there shall be deducted from the total Contract price of work, for each calendar day by which such completion shall be delayed beyond said period of such extension thereof the sum of \$300 or a sum of money as set forth hereinafter in these Specifications, as the amount of such deduction per calendar day.

Said sum shall be considered not as a penalty, but as liquidated damages which the City will suffer by reason of the failure of the Contractor to perform and complete the work within the period herein fixed or such extensions of said period as may be allowed by reason of unavoidable delays.

Any money due or to become due the Contractor may be retained by the City to cover said liquidated damages, and should such money not be sufficient to cover such damages, the City shall have the right to recover the balance from the Contractor or his/her Sureties.

The filing of any bid for the work herein contemplated shall constitute acknowledgment by the Bidder that he/she understands, agrees and has ascertained that the City will actually suffer damages to the amount hereinabove fixed for each and every calendar day during which the completion of the work herein required shall be delayed beyond the expiration of the period herein fixed for such completion or such extension of said period as may be allowed by reason of unavoidable delays.

3.15 CITY RESERVES RIGHT TO USE FACILITIES PRIOR TO ACCEPTANCE

The City of Tacoma hereby reserves the right to use the facilities herein contracted prior to final acceptance under this Contract. The use of said facilities, as mentioned herein, shall not be construed as a waiver or relinquishment of any rights that the City of Tacoma has under this Contract.

3.16 Intentionally Omitted.

3.17 PERFORMANCE BOND / RETAINAGE

Retainage

As provided for in RCW 60.28, five percent of moneys earned by the contractor will be retained for a period of 45 days after the date of final acceptance, or until receipt of all necessary releases from the Department of Revenue and the Department of Labor and Industries and settlement of any liens filed under chapter 60.28 RCW, whichever is later.

Performance Bond

The successful Bidder shall provide a performance bond, including power of attorney, for 100 percent of the amount of his/her bid (excluding sales taxes), to ensure complete performance of the Contract including the guarantee. The bond must be executed by a surety company licensed to do business in the state of Washington. If a bond is requested for a supply type contract, a cashiers' check or cash may be substituted for the bond; however, this cash or cashiers' check must remain with the City through the guarantee period and any interest on said amount shall accrue to the City.

For contracts of less than or equal to \$100,000, the performance bond and/or retainage requirements may be waived on a case-by case basis for City of Tacoma Small Works Roster firms whose annual gross revenue is below \$1,000,000.

3.18 SUPPLEMENTAL BIDDER CRITERIA

The bidder must also meet the following applicable supplemental criteria adopted by the City of Tacoma (excerpted from TMC Chapter 1.06.262 Evaluation of Submittals, Qualifications of Bidders and Respondents).

- A.** In determining the “lowest and best responsible bidder” for purchase of supplies, purchased services and public works, in addition to price, the following may be considered:
 - 1. The ability, capacity, experience, stability, technical qualifications and skill of the respondent to perform the contract;
 - 2. Whether the respondent can perform the contract within the time specified, without delay or interference;
 - 3. Integrity, reputation, character, judgment, experience, and efficiency of the respondents, including past compliance with the City’s Ethics Code;
 - 4. Quality of performance of previous contracts;
 - 5. Previous and existing compliance with laws and ordinances relating to contracts or services;
 - 6. Sufficiency of the respondent’s financial resources;
 - 7. Quality, availability, and adaptability of the supplies, purchased services or public works to the particular use required;
 - 8. Ability of the respondent to provide future maintenance and service on a timely basis;
 - 9. Payment terms and prompt pay discounts;
 - 10. The number and scope of conditions attached to the submittal;
 - 11. Compliance with all applicable City requirements, including but not limited to the City’s Ethics Code and its Historically Underutilized Business and Local Employment and Apprenticeship programs;
 - 12. Other qualification criteria set forth in the specification or advertisement that the appropriate department or division head determines to be in the best interests of the City.
- B.** Intentionally Omitted.
- C.** Proof of Qualifications for Award. As a condition of accepting a submittal, the City may require respondents to furnish information, sworn or certified to be true, on the requirements of this Section. If the City Manager or Director of Utilities is not satisfied with the sufficiency of the information provided, or if the prospective respondent does not meet all of the following requirements, any submittal from such respondent must be disregarded. In order to be considered a responsible bidder, the prospective bidder shall have all of the following qualifications:
 - 1. Adequate financial resources or the ability to secure such resources;
 - 2. The necessary experience, stability, organization and technical qualifications to perform the proposed contract;
 - 3. The ability to comply with the required performance schedule, taking into consideration all existing business commitments;
 - 4. A satisfactory record of performance, integrity, judgment and skills; and
 - 5. Be otherwise qualified and eligible to receive an award under applicable laws and regulations.
 - a. Bidder Responsibility. Bidders shall not be in violation of 39.04.350 RCW Bidder Responsibility Criteria - Supplemental Criteria.

3.19 MODIFICATIONS TO SUPPLEMENTAL CRITERIA

Potential bidders may request modifications to the City's **supplemental criteria** by submitting a written request to the Purchasing Division no later than 5:00 p.m. Pacific Time, **three days prior to the bid opening date**. Please include the Specification No. and Title when submitting such requests. Requests must include justification for why certain criteria should be modified. Requests received after this date and time will not be considered.

Requests may be submitted via postal mail or delivered personally, or sent by e-mail or fax, within the above timeline to:

MAIL

City of Tacoma Purchasing Division
PO Box 11007
Tacoma, WA 98411-0007

Fax: 253-502-8372

E-mail: bids@cityoftacoma.org

DELIVERY

City of Tacoma Purchasing Division
Tacoma Public Utilities
Administration Building North, Main Floor
3628 South 35th Street
Tacoma, WA 98409-3115

The City will respond to the request prior to the bid opening date. Changes to the supplemental criteria, if warranted, will be issued by addendum to the solicitation documents and posted to the City's website for the attention of all prospective notified Small Works Roster bidders.

3.20 DETERMINATION OF BIDDER RESPONSIBILITY

If the City determines the bidder does not meet the bidder responsibility criteria and is therefore not a responsible bidder, the City shall notify the bidder in writing with the reasons for its determination. If the bidder disagrees, the bidder may appeal the determination within the timeline specified in the notification by presenting additional information to the City. The City will consider the additional information before issuing its final determination.

3.21 SUBCONTRACTOR RESPONSIBILITY

- A. The Contractor shall include the language of this section in each of its first tier subcontracts, and shall require each of its subcontractors to include the same language of this section in each of their subcontracts, adjusting only as necessary the terms used for the contracting parties. The requirements of this section apply to all subcontractors regardless of tier.
- B. At the time of subcontract execution, the Contractor shall verify that each of its first tier subcontractors meets the following bidder responsibility criteria:
 1. Have a current certificate of registration as a contractor in compliance with chapter 18.27 RCW, which must have been in effect at the time of subcontract bid submittal;
 2. Have a current Washington Unified Business Identifier (UBI) number;
 3. If applicable:
 - a. Have Industrial Insurance (workers' compensation) coverage for the bidder's employees working in Washington, as required in Title 51 RCW;
 - b. Have a Washington Employment Security Department number, as required in Title 50 RCW;
 - c. Have a Washington Department of Revenue state excise tax registration number, as required in Title 82 RCW;
 - d. Have an electrical contractor license, if required by Chapter 19.28 RCW;
 - e. Have an elevator contractor license, if required by Chapter 70.87 RCW.

4. Not be disqualified from bidding on any public works contract under RCW 39.06.010 (unlicensed or unregistered contractors) or 39.12.065(3) (prevailing wage).

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HOOD STREET PUMP STATION

ADDRESS:

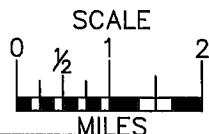
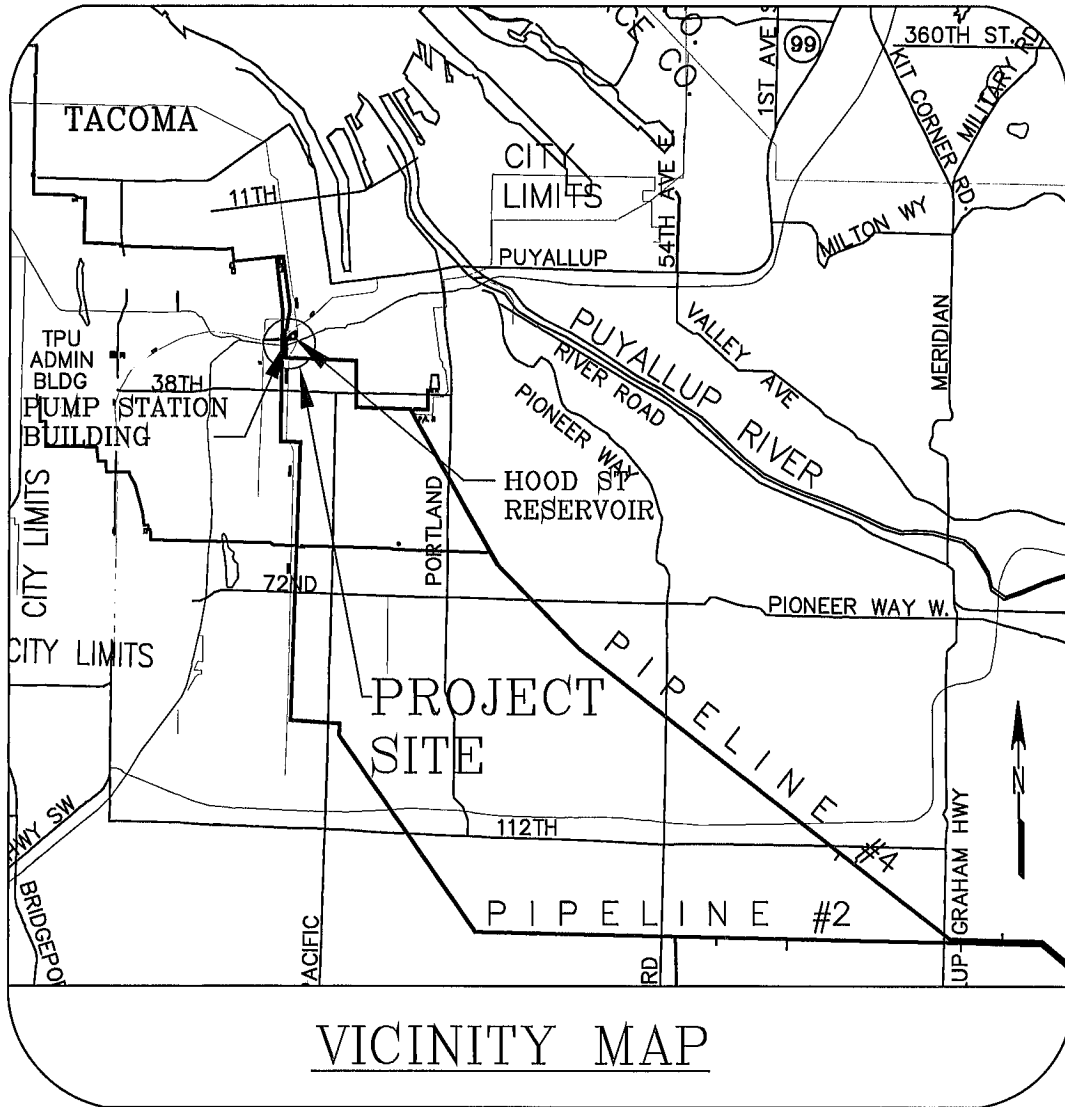
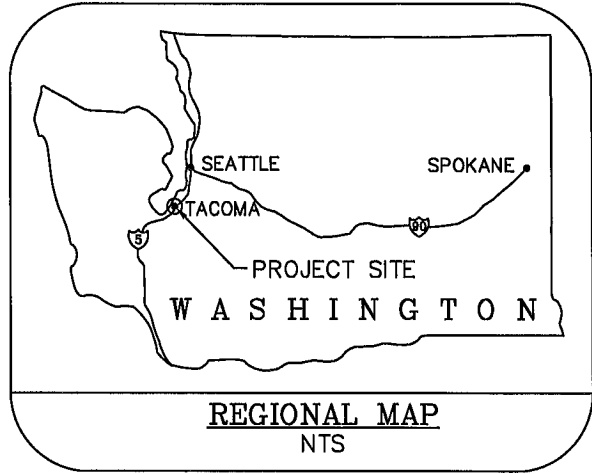
1050 S. TACOMA WAY
TACOMA, WA 98409

DIRECTIONS FROM I-5:

EXIT AT S 38TH ST
EAST TO S "M" ST
TURN NORTH ONTO S "M" ST
TURN RIGHT ONTO S TACOMA WAY
IMMEDIATE RIGHT ONTO PRIVATE ENTRANCE
PROCEED THROUGH OPENED GATES TO SITE

ADDRESS:

EXIT TO SOUTHBOUND UNION AVE
CONTINUE SOUTH ON UNION AVE
TURN LEFT ONTO S TACOMA WAY
JUST PAST S "M" ST, TURN RIGHT INTO
PRIVATE ENTRANCE—PROCEED THROUGH OPENED
GATES TO SITE





ORION Environmental Services
 34004 Ninth Avenue South, Suite A12, Federal Way, WA 98003
 Phone: (253) 952-6717 • Fax: (253) 927-4714
 Email: info@oriones.net • Web: www.oriones.net
 WBE W2F9219763

Polarized Light Microscopy Test Report
EPA Method 600/R-98/116

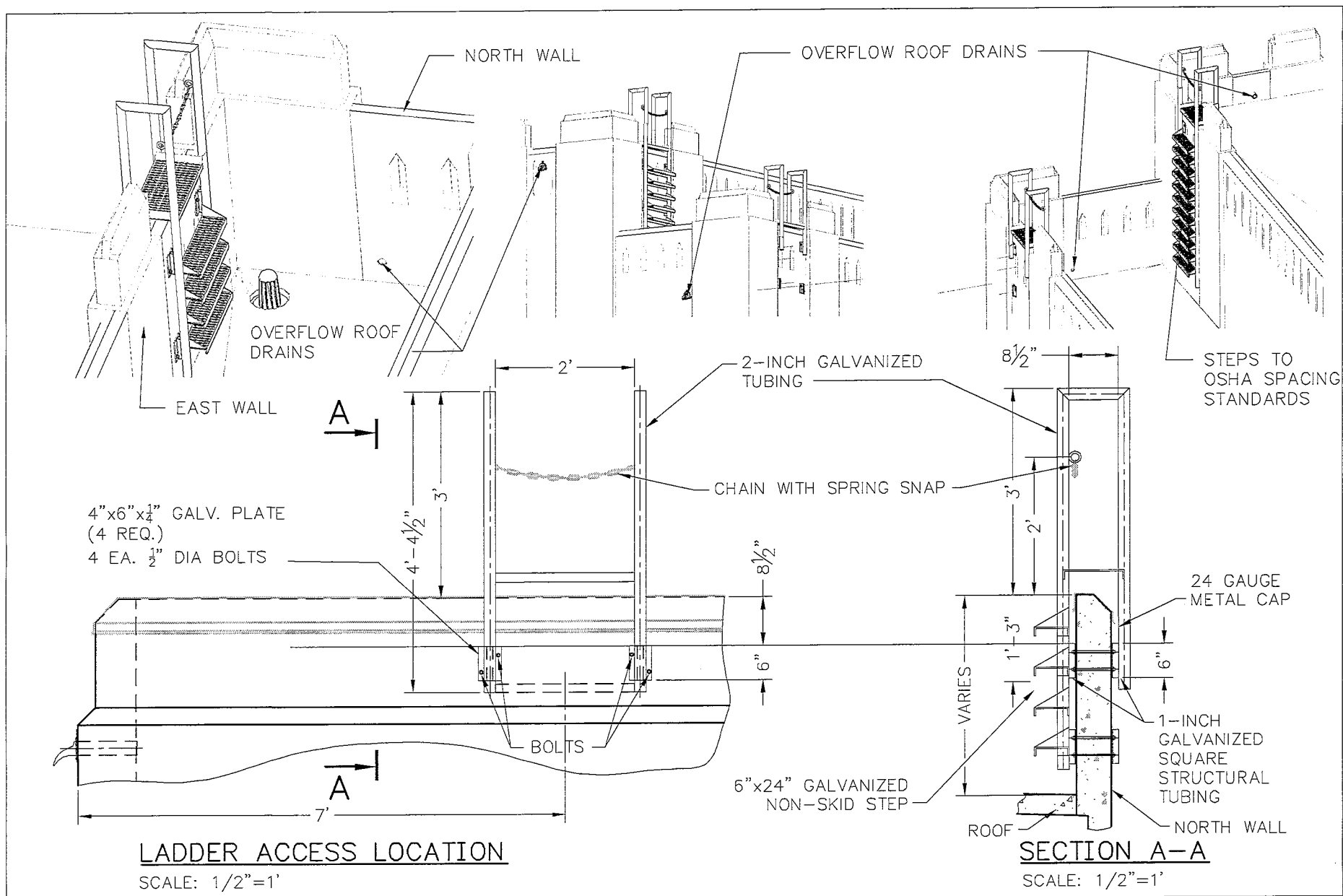
Client: City of Tacoma
Address: 3628 S 35th St, Tacoma, WA 98409
Attention: Rick Cole
Project Name: TPU
Project Number: NA

Rpt. Date: 5/15/2015
Page: 1 of 1
Invoice: 152468
Date Rcvd: 5/12/2015

Client Sample ID	Orion Sample ID	Material Description	Sample Treatment	% Asbestos Containing Material	Asbestos Type	Other Fibers
1-a	20150512-48	Mastic	chloroform	3	Chrysotile	cellulose
1-b		Built Up Roofing	ash	ND		cellulose
1-c		Built Up Roofing	ash	ND		cellulose
2-a	20150512-49	Built Up Roofing	ash	ND		cellulose
2-b		Built Up Roofing	ash	ND		cellulose/ fiberglass
2-c		Built Up Roofing	ash	ND		cellulose/ fiberglass
2-d		Built Up Roofing	ash	ND		cellulose/ fiberglass
3	20150512-50	Silver Coat	chloroform	3	Chrysotile	cellulose

Dup: Laboratory QA/QC Duplicate; M; Mastic [(a), (b), (c), etc.]: Sample layers numbered from front to back.
 Comments: For layered samples, each component has been analyzed separately. ND means non-detect for asbestos fibers by EPA Method 600/R-98/116. Disclaimers: PLM has been known to miss asbestos in a small percentage of samples that contain asbestos. Thus, these laboratory results represent due diligence, however negative or <1 % PLM results can not be guaranteed. Per EPA guidelines samples will be archived for 30 days then will be disposed of. This report may only be reproduced in full with written approval of ORION Environmental Services.

Analyzed By (Print) Dennis Rauschenberg	Date 5/15/2015	Reviewed By (Print) Donna McNeal	Date 5/15/2015
Analyzed By (Signature) 	Time	Reviewed By (Signature) 	Time



LADDER ACCESS LOCATION

SCALE: 1/2"=1'

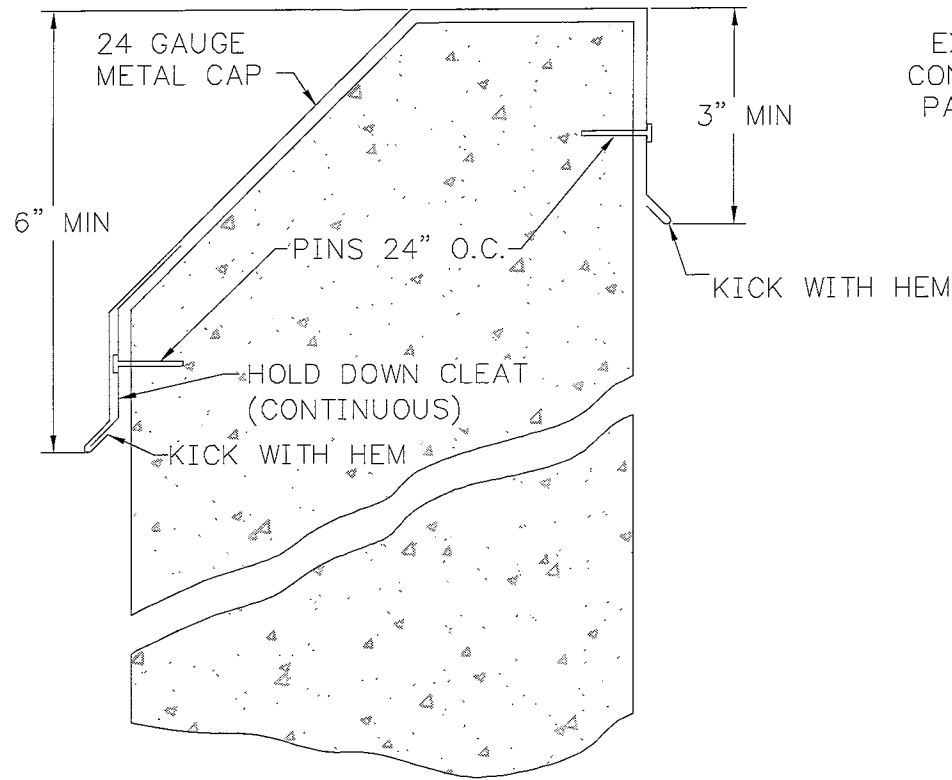
SECTION A-A

SCALE: 1/2"=1'

DEPARTMENT OF PUBLIC UTILITIES — TACOMA WATER

REFERENCE		Date <u>6/03/15</u>	SUPPLY MANAGER	HOOD ST RE-ROOF ROOF LADDER ACCESS GUIDE AND HANDRAIL	SCALE 1/2" = 1'
CADNET FILE NAME	WBS	Design <u>RLM</u>			DRAWING
1068-A	W.O. 20000049520	Drawn <u>KAW</u>			1068-A
		Digitize _____			
		Check _____			

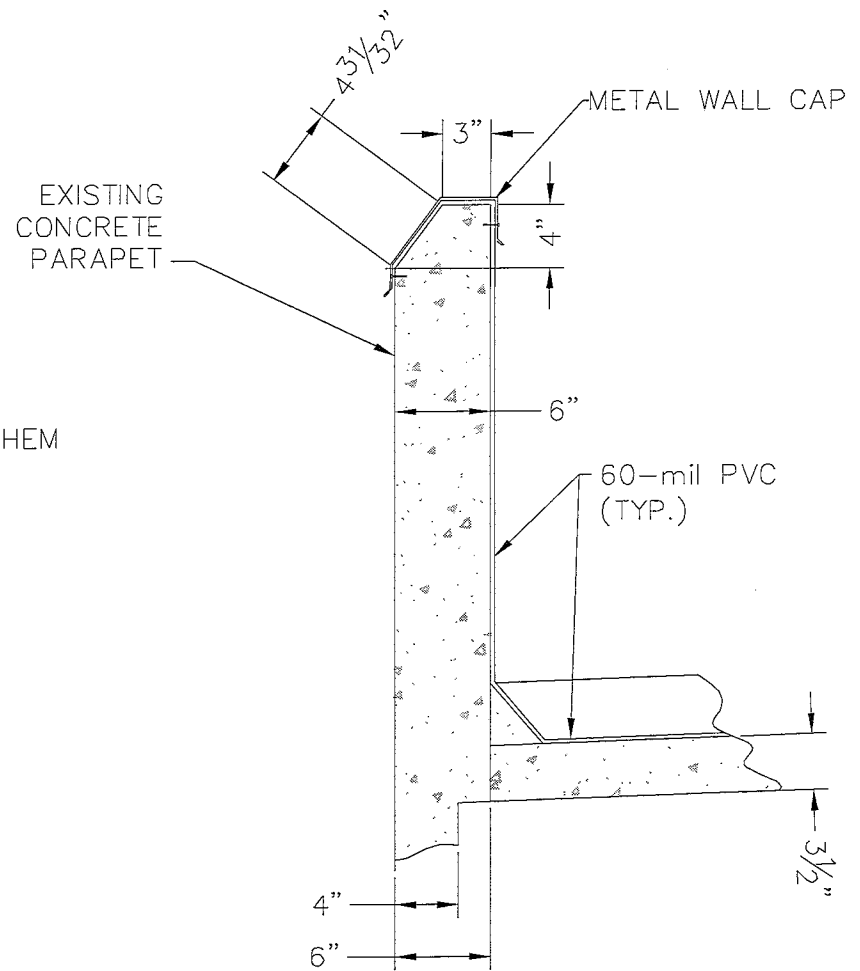
1068-A



LOWER PARAPET WALL CAP DETAIL

NTS

NOTE: CAP ONLY, W/O PVC ROOFING



UPPER ROOF AND PARAPET WALL
CROSS SECTION-BETWEEN COLUMNS

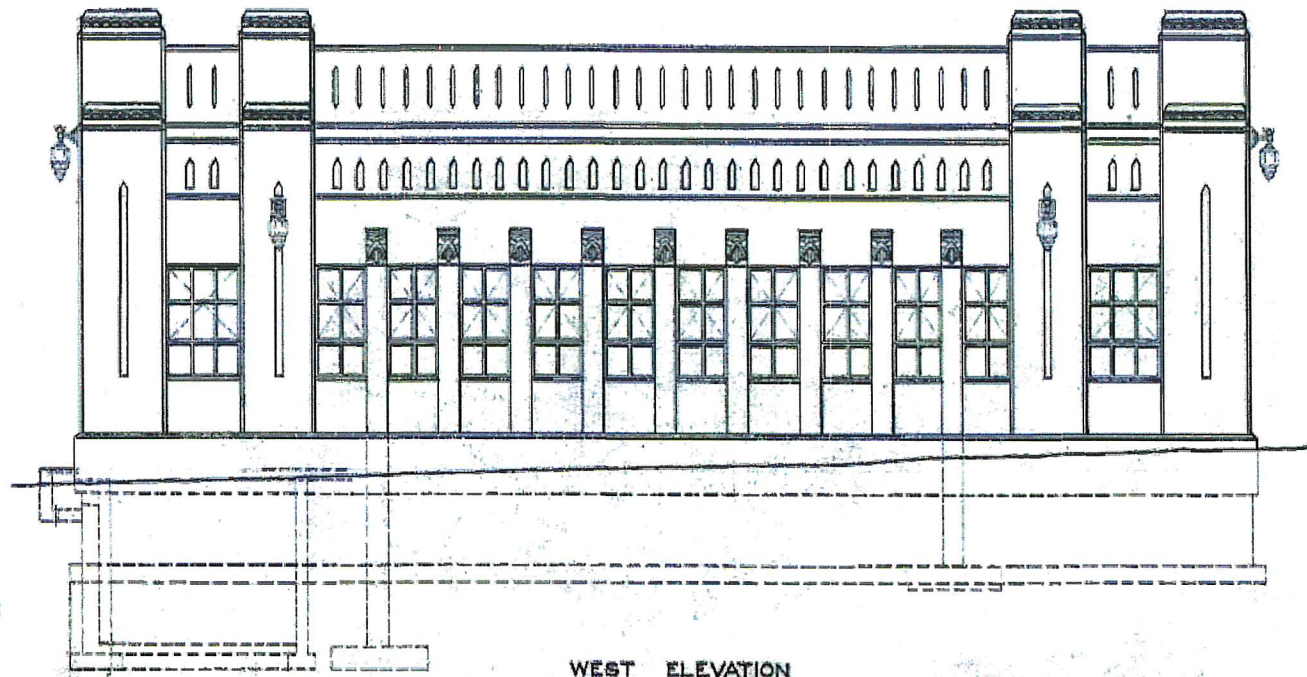
SCALE: 1"=1'-0"

DEPARTMENT OF PUBLIC UTILITIES

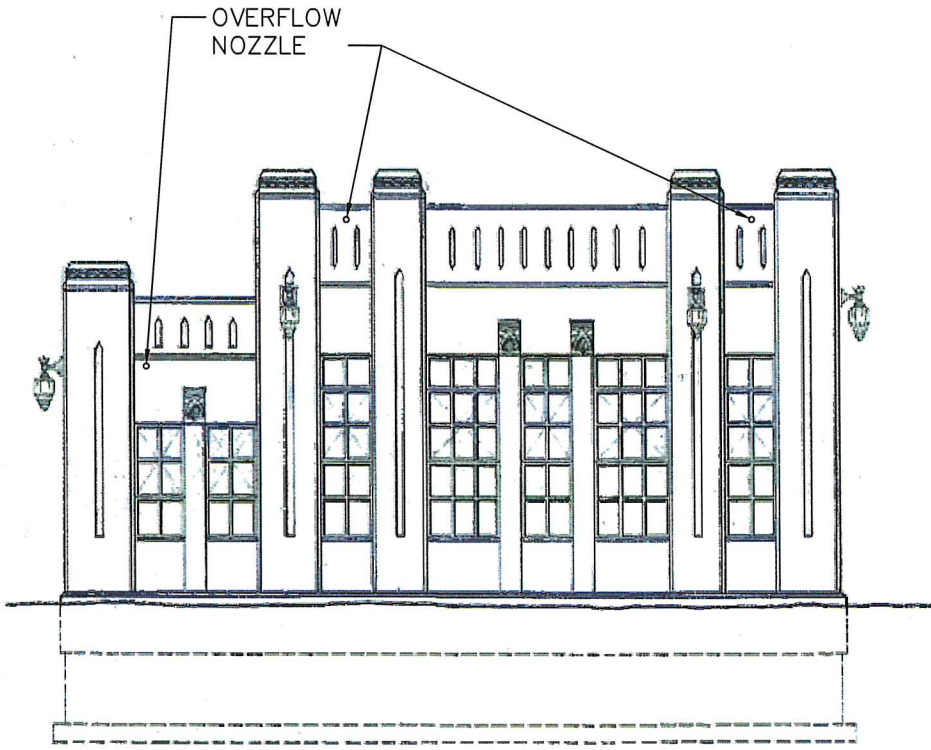
TACOMA WATER

REFERENCE		Date <u>6/1/15</u>	SUPPLY MANAGER	HOOD ST PUMP STATION PARAPET CAP DETAIL	SCALE AS NOTED
CADNET FILE NAME 1064-A	WBS W.O. 2000049520	Design <u>RM</u> Drawn <u>KAW</u> Digitize _____ Check _____			DRAWING 1066-A

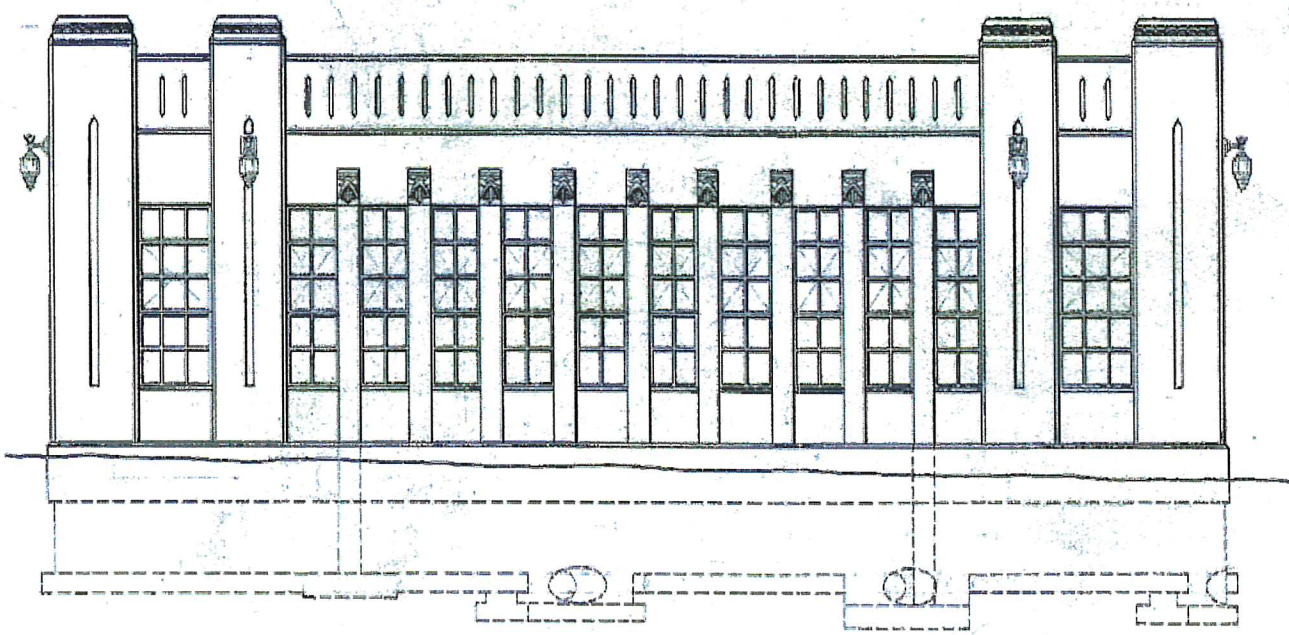
1066-A



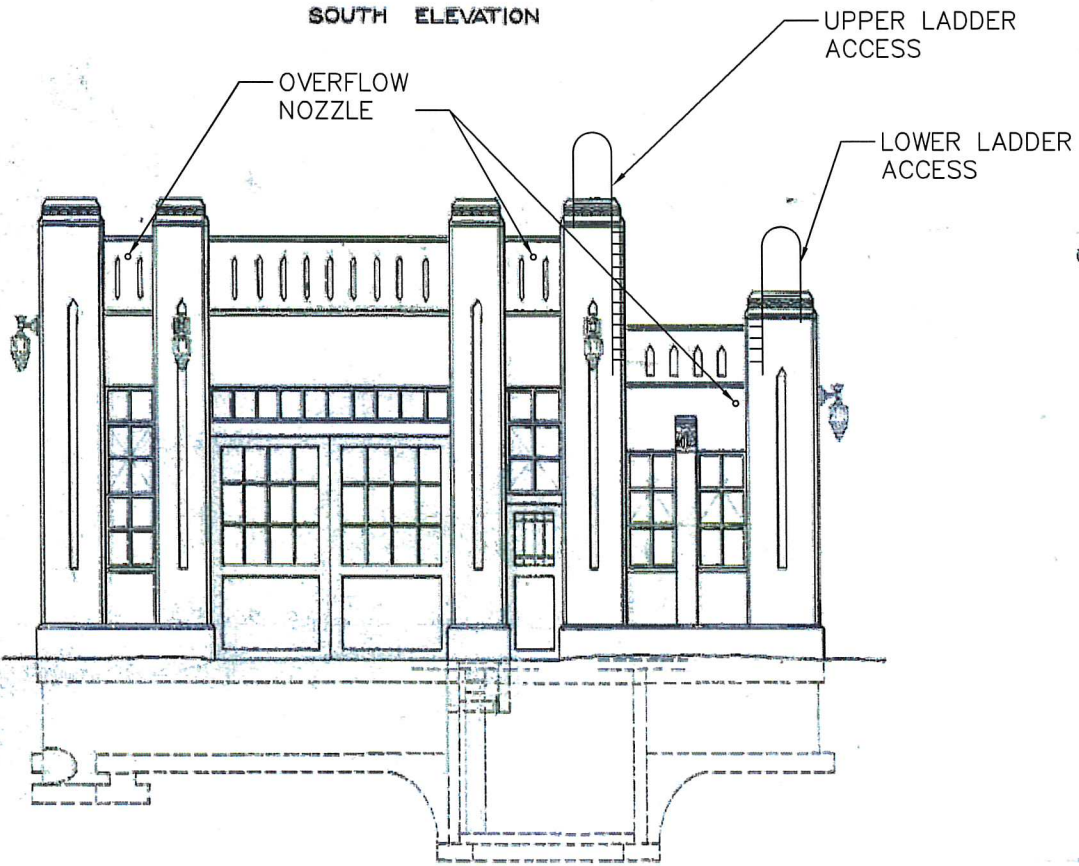
WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION

CONTRACT PLANS

DRWG NO	DESCRIPTION
4-85-1	ELEVATIONS.
4-85-2	FOUNDATION & FLOOR PLANS, SECTIONS.
4-85-3	PUMP FOUNDATION, TRANSFER VAULT, SECTIONS & COL. FOOTINGS.
4-85-4	DETAILS OF STAIRWAYS, RAILINGS, HATCH & LADDER.
4-85-5	REINFORCING STEEL DETAILS, EAST & WEST WALLS.
4-85-6	" " " " NORTH & SOUTH "
4-85-7	COLUMN CARS, ROOF DRAINS, SPEC. FLOOR DRAINS & SECTIONS.
4-85-8	REINFORCING STEEL DETAILS, ROOF, FLOOR SLABS & BEAMS.

REFERENCE PLANS

(MAY BE INSPECTED IN OFFICE OF COMMISSIONER)

4 84 1	GENERAL PLAN
4 84 2	PIPING LAYOUT & DETAILS
4 84 3	PRIMING PUMP & PIPING
4 84 4	VENTURI METER, GAUGES, ETC.
4 79 1	AUXILIARY POWER & LIGHT WIRING
4 79 2	ELECTRICAL DIAGRAM
4 79 3	ONE LINE WIRING DIAGRAM OF SWITCHBOARD

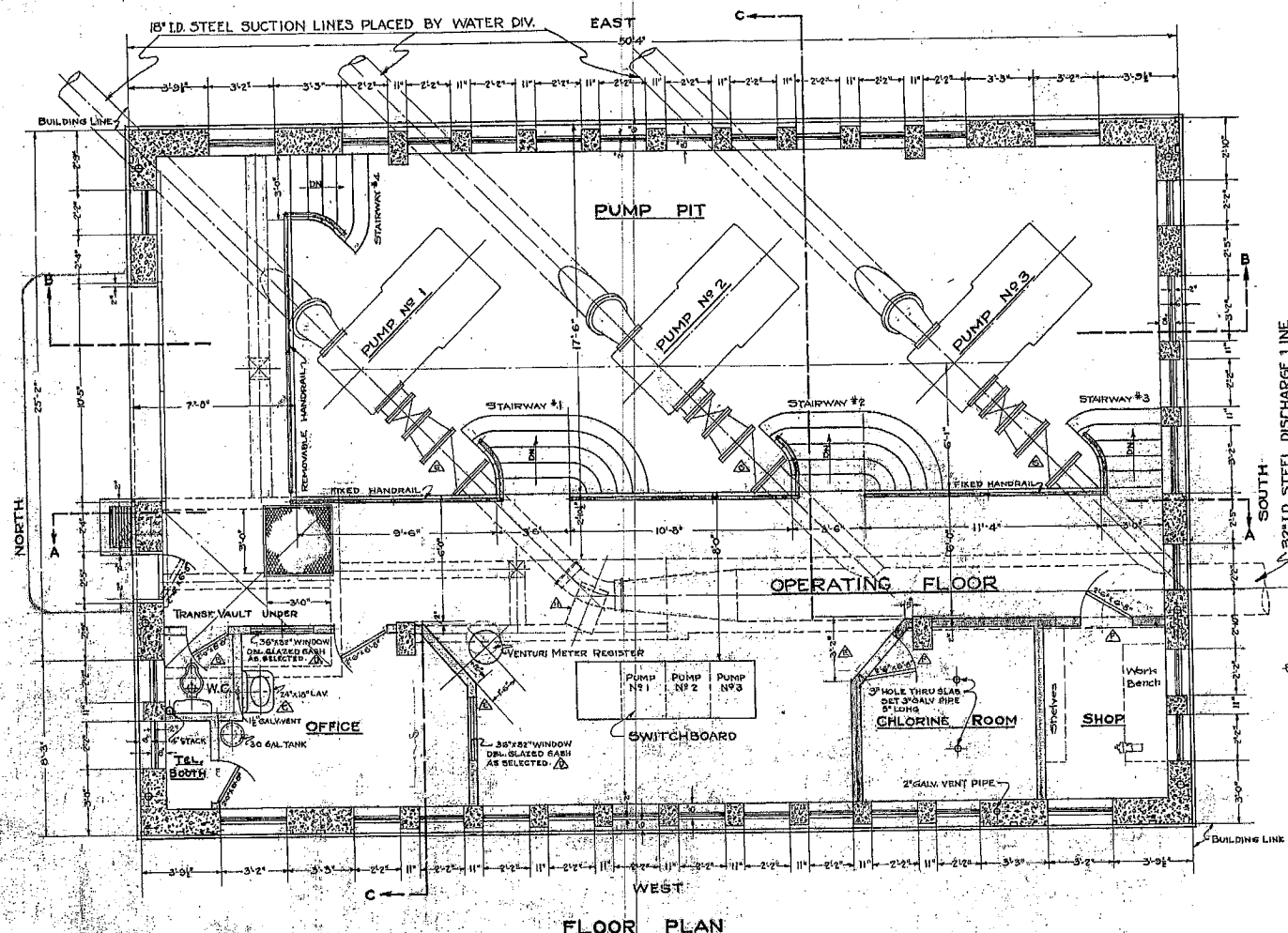
DATE	5/1/15	DESCRIPTION	UPPER AND LOWER ROOF ACCESS
DESIGN	CAA	BY	W.A. KUNSON
DRAWN	CAA	CHECKED	W.A. KUNSON
TRACED	JB	APPROVED	W.A. KUNSON
CHECKED			
W.G.			

CITY OF TACOMA
DEPARTMENT OF PUBLIC UTILITIES
WATER DIVISION

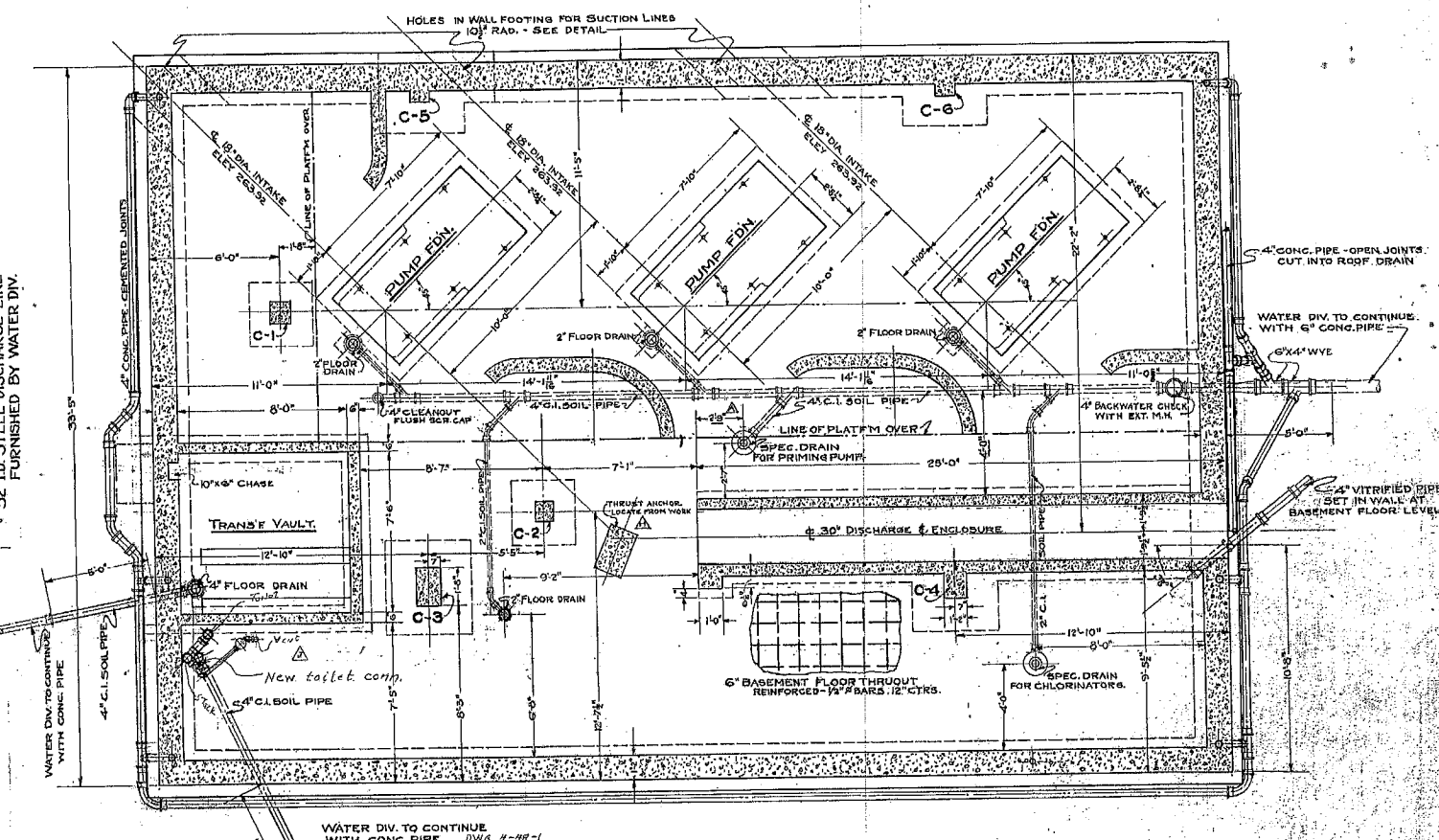
HOOD ST. PUMP STATION
ELEVATIONS

DATE	5/1/15	SCALE	1/4" = 1'-0"
DESIGN	CAA	DRAWING NO.	4-85-1
DRAWN	CAA		
TRACED	JB		
CHECKED			
W.G.			

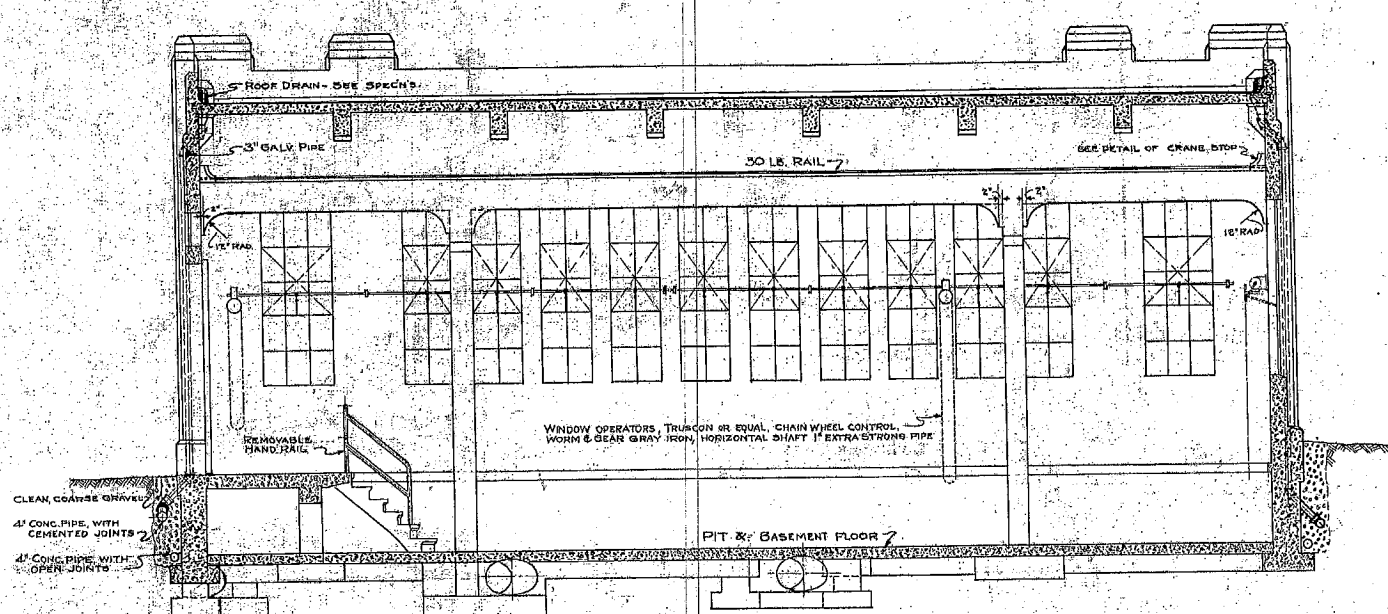
4-85-1



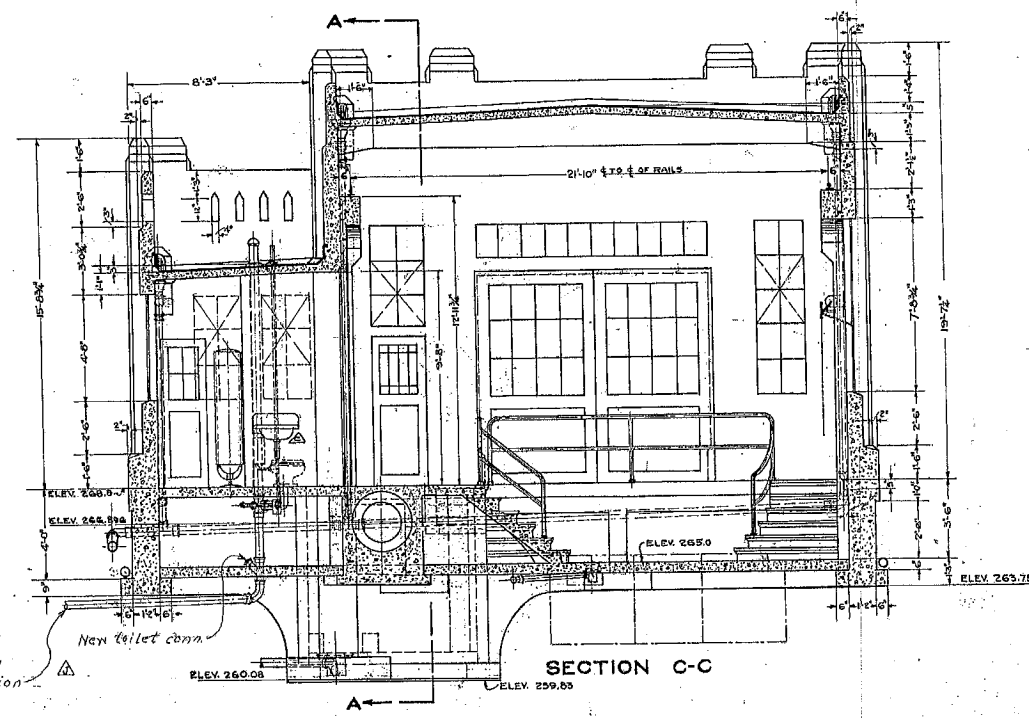
FLOOR PLAN



FOUNDATION PLAN



SECTION B-B
PUMP FOUNDATIONS OMITTED.



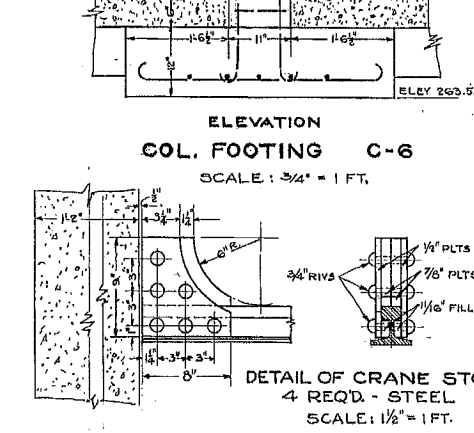
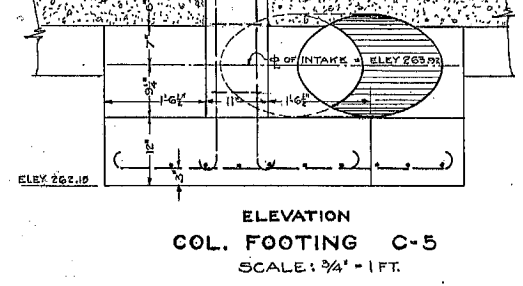
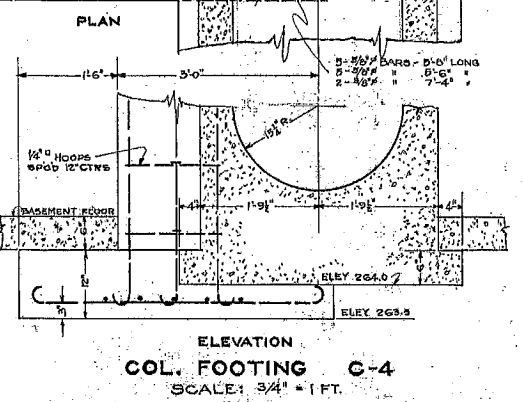
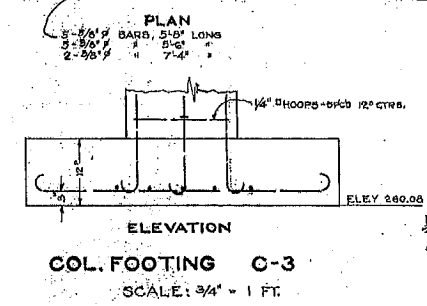
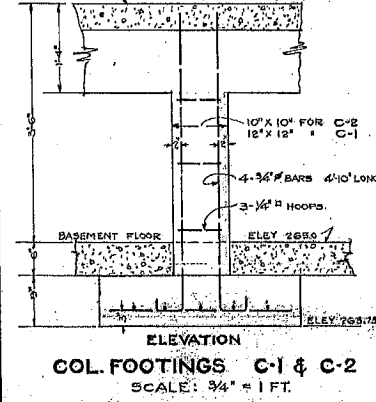
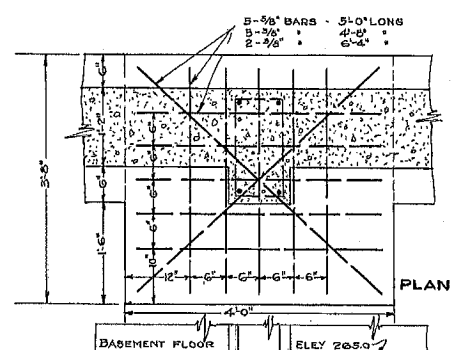
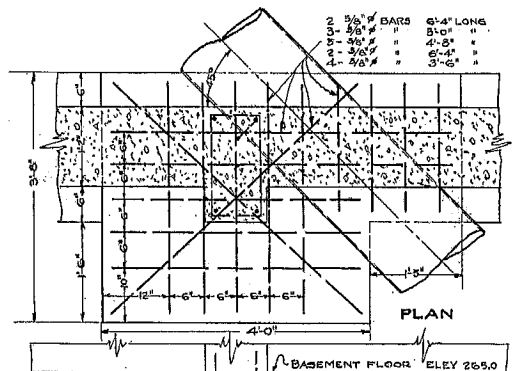
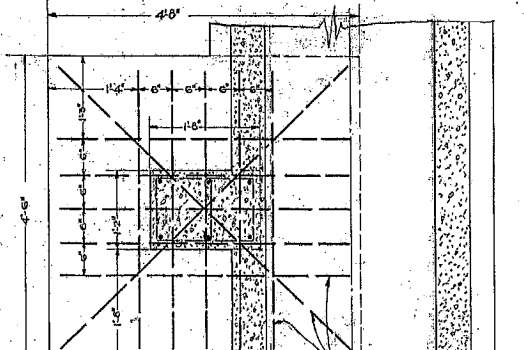
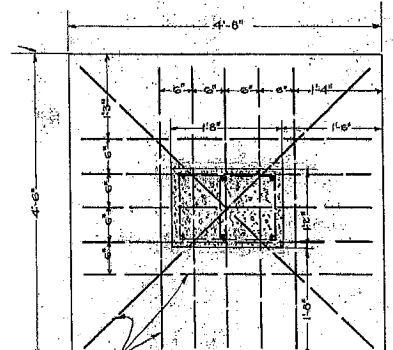
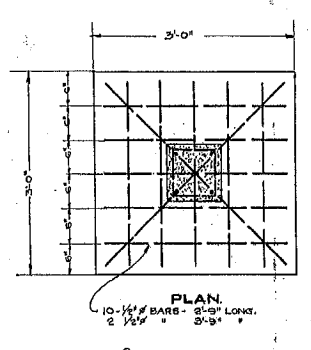
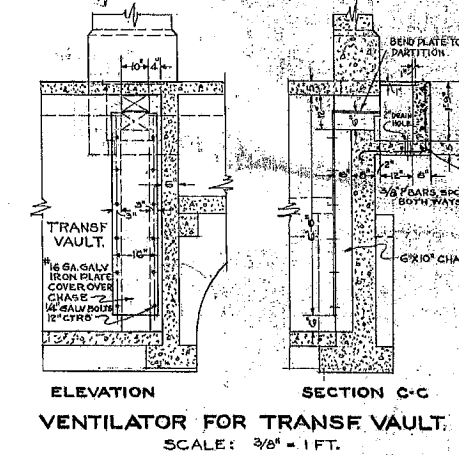
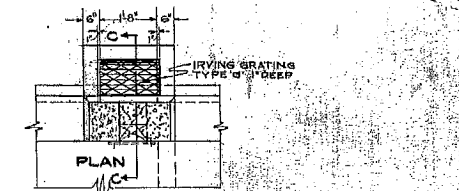
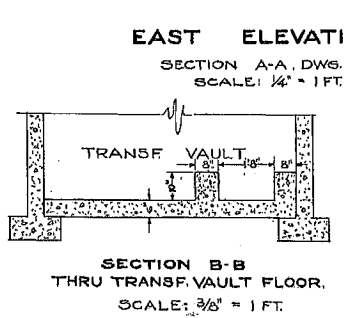
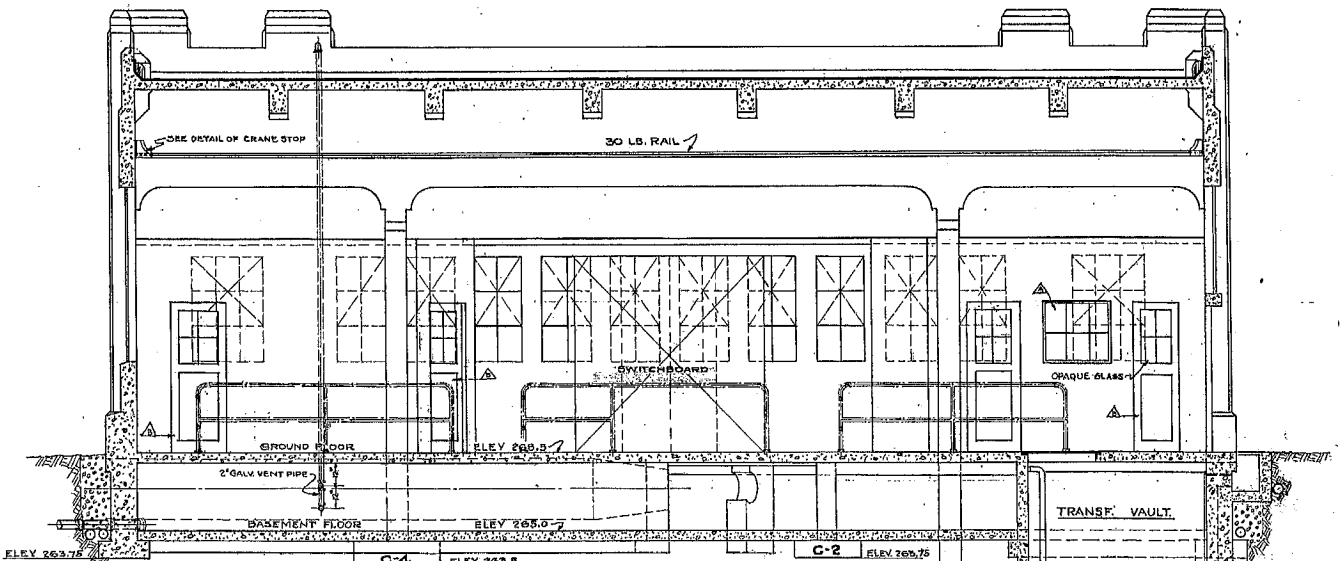
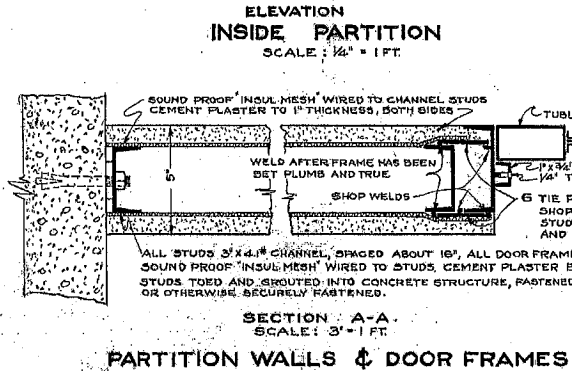
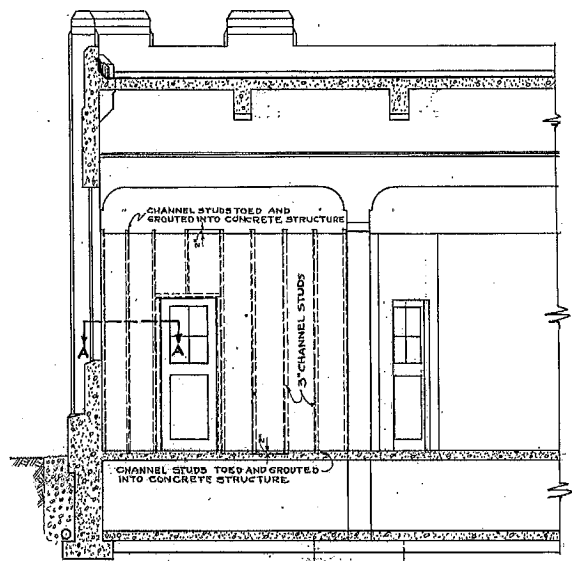
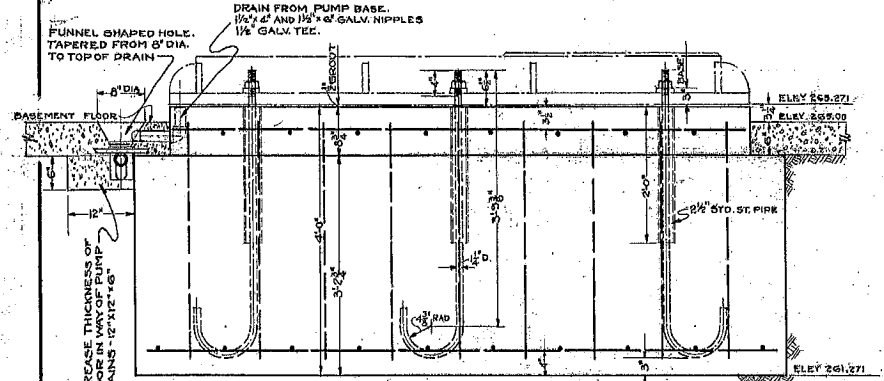
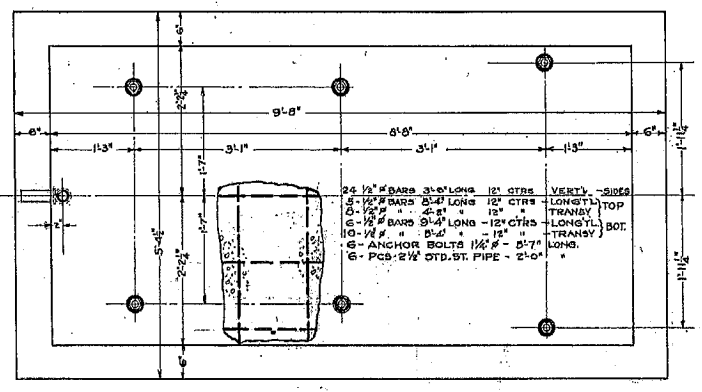
SECTION C-C

1/2" INDICATE NEW TOILET CONNECTIONS	
1/2" THRU ANCHOR FOR N#1 PUMP DISCH. ADDED	
1/2" PUMP DISCH. PIPE & APURT. ALTERED	
CHLORINE RM. & ASHD DOOR RELOCATED	
ANGLE OF OFFICE & CHL. RM. WALLS CHANGED	
WINDOWS IN OFFICE ADDED	
LABATORY & TANK RELOCATED	
W.C. SPACE ENLARGED. DOOR RELOCATED	
W.C. LOCATION, SPEC. DRAIN, PRIMING PUMP CHANGED	
SYMBOLS & ADDITIONS & CHANGES	APPROVED

CITY OF TACOMA	
DEPARTMENT OF PUBLIC UTILITIES	
WATER DIVISION	
W.A. KUNING SUPERINTENDENT	IRA S. DAVISSON COMMISSIONER
HOOD ST. PUMP STATION	
FLOOR AND FOUNDATION PLANS	
SECTIONS	
DATE 12-8-31	SCALE 1/4" = 1'-0"
DESIGN O.A.A.	DRAWING NO.
DRAWN O.A.A.	4-85-2
TRACED J.S.	
CHECKED	
W.D.	

See Dwg 4-18-1
For continuation

4-58-2
4-58-2



NOTE: IF 15" STEEL PIPE IS IN PLACE, POUR CONCRETE WALL & FOOTING ENCLOSED PIPE. IF PIPE IS NOT IN PLACE, PROVIDE HOLE WITH 2" CLEARANCE AROUND PIPE, OR APPROX. 2 1/2" DIA. HOLE.

DATE	12-9-31	SCALE	AS NOTED
DESIGN	OAA	DRAWN	OAA
TRACED	JG	CHECKED	JG
W.O.			

12/21	DOORS RELOCATED - WC-CHL. RM. SHOP	12/21
12/27	WINDOW ADDED - OFFICE	12/27
SYMBOL	ADDITIONS & CHANGES	APPROV.

CITY OF TACOMA
 DEPARTMENT OF PUBLIC UTILITIES
 WATER DIVISION

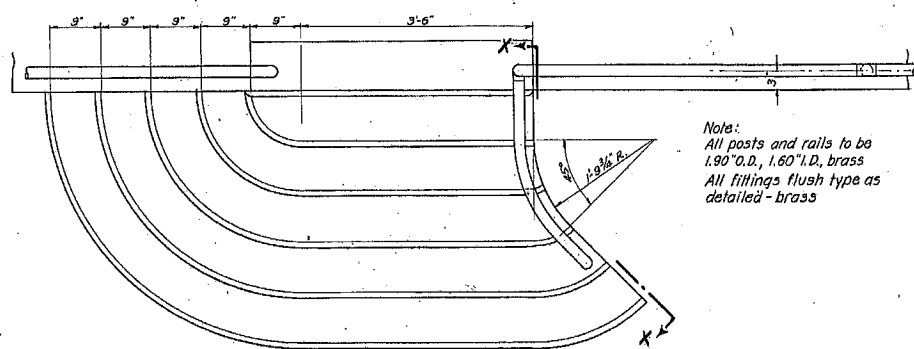
W.A. KUNISK SUPERINTENDENT. IRA S. DAVISON COMMISSIONER.

HOOD ST. PUMP STATION
 PUMP FOUNDATION, TRANSF. VAULT
 SECTIONS & COL. FOOTING DETAILS

DATE 12-9-31
 DESIGN OAA
 DRAWN OAA
 TRACED JG
 CHECKED JG
 W.O.

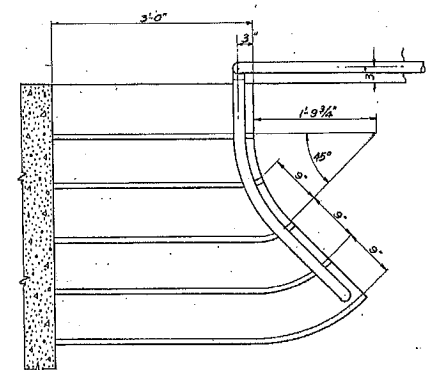
SCALE: AS NOTED
 DRAWING NO. 4-85-3

4-85-3

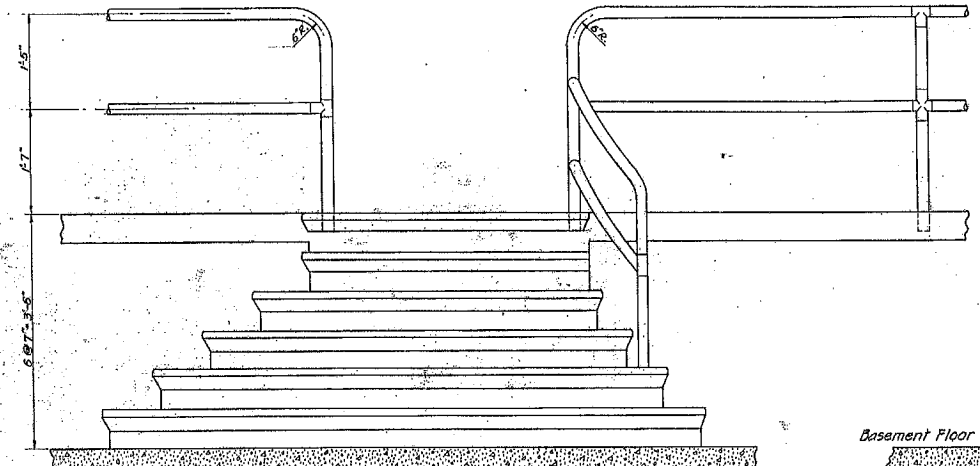


PLAN OF STAIRWAY No 2 & 3
Scale 3/4"=1'-0"

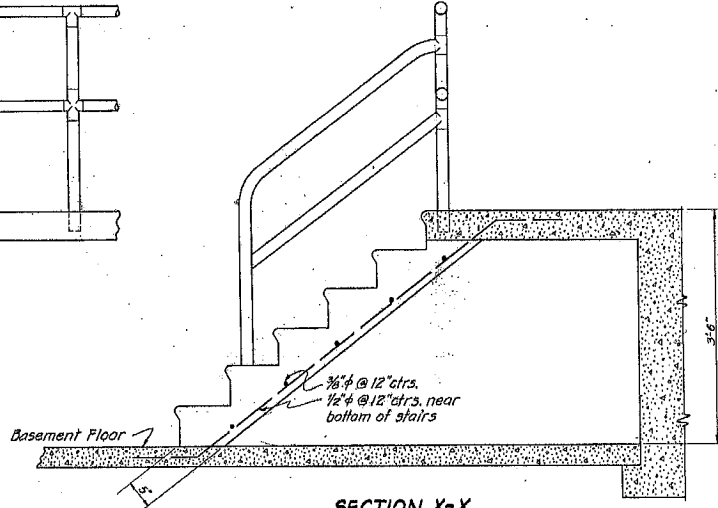
Note:
All posts and rails to be
1.90" O.D., 1.60" I.D., brass
All fittings flush type as
detailed - brass



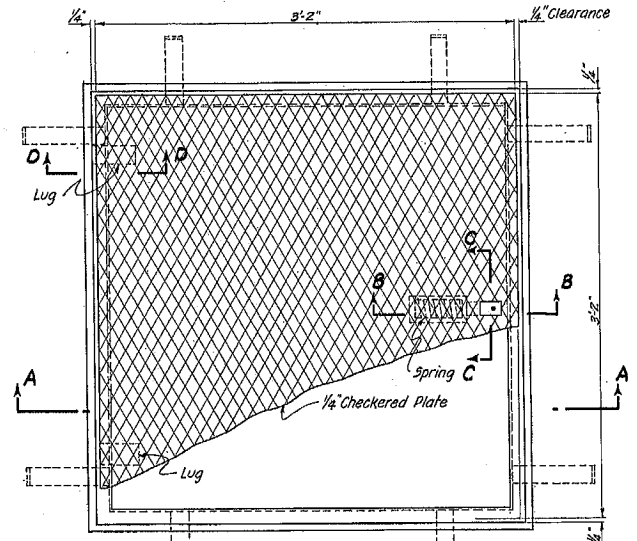
PLAN OF STAIRWAY No 1
No 4 Opposite Hand



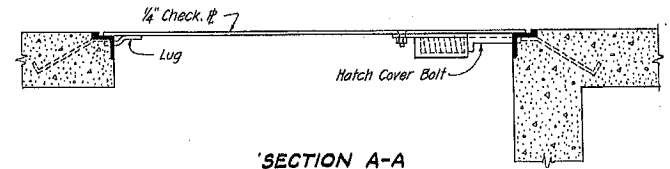
ELEVATION



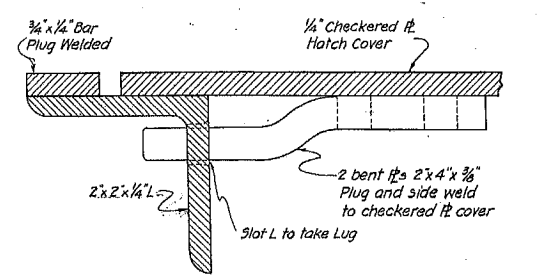
SECTION X-X



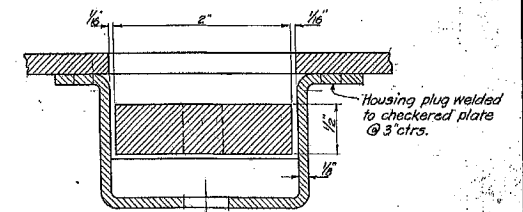
PLAN



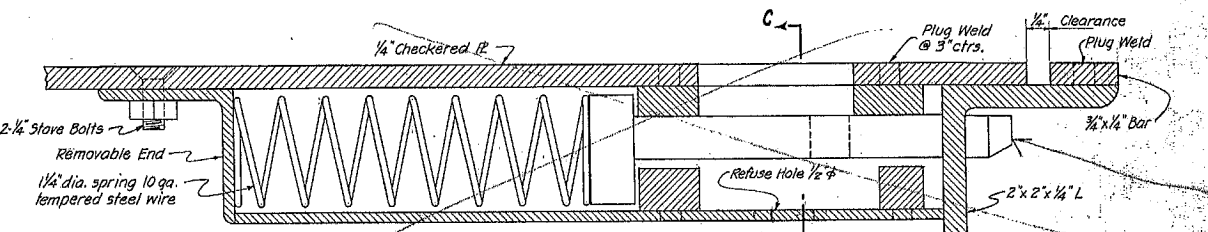
SECTION A-A
Scale 1 1/2"=1'-0"



SECTION D-D
LUG FOR HATCH COVER
Full Size

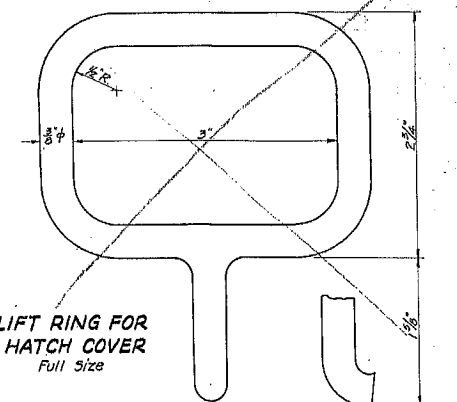


SECTION C-C
Full Size

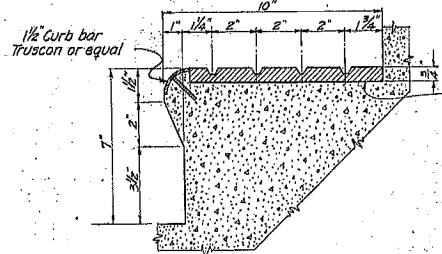


SECTION B-B
HATCH COVER BOLT
Full Size

LATCH REMOVED

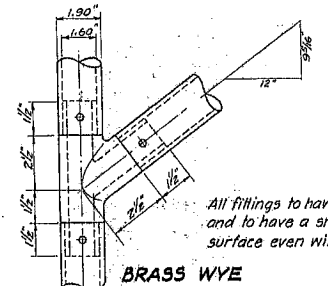


LIFT RING FOR
HATCH COVER
Full Size

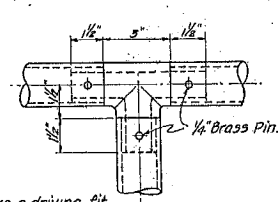


SECTION OF STEP

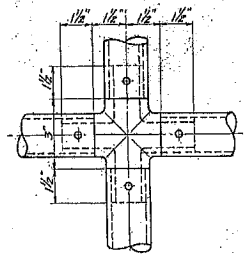
Carborundum Concrete - Made
of one part cement to one
part of sand and three parts
of crushed carborundum.
Brushed rough before setting.



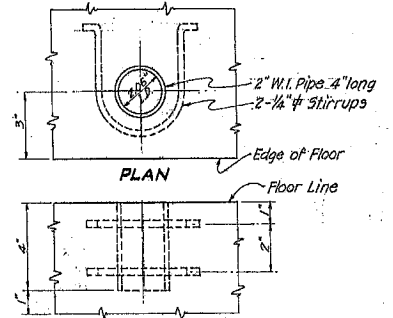
BRASS WYE



BRASS TEE
DETAIL OF RAIL FITTINGS
Scale 3"=1'-0"

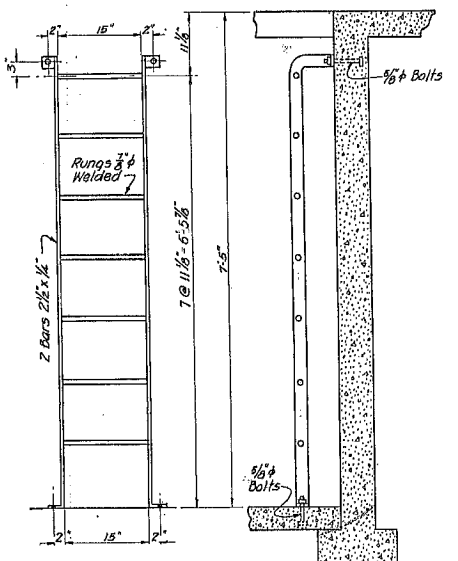


BRASS CROSS

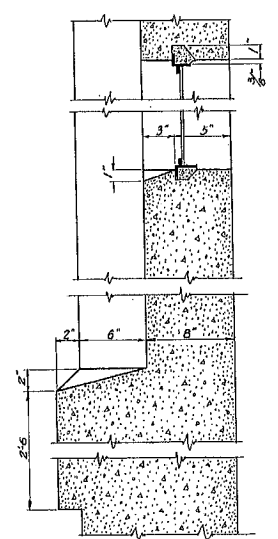


PLAN

ELEV.
SOCKET FOR
REMOVABLE RAILING
Scale 3"=1'-0" 4 Reg'd.

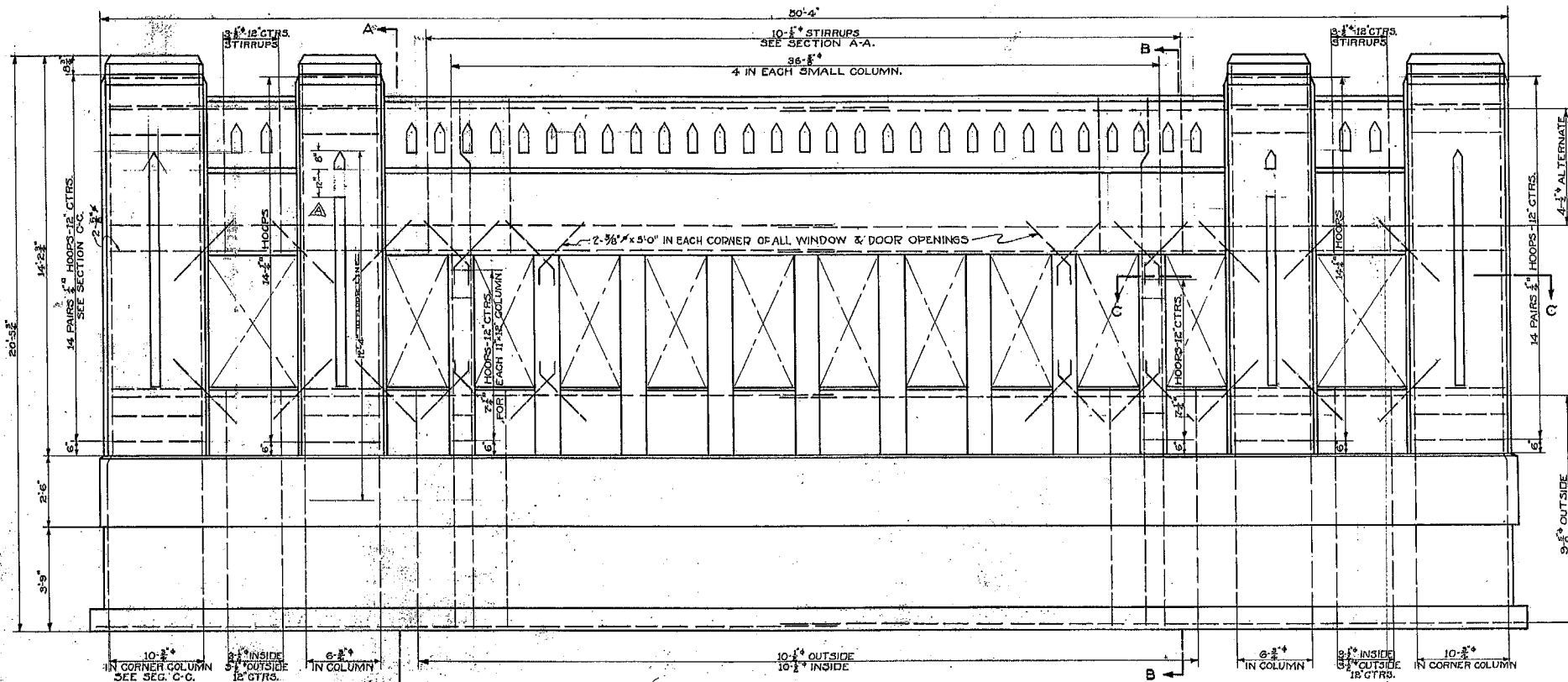


DETAIL OF LADDER
Scale 3/4"=1'-0"

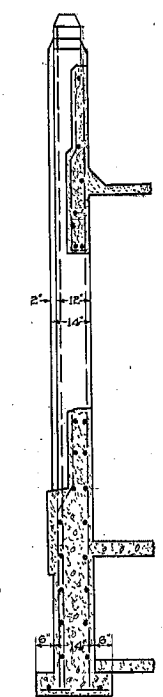


SECTION OF WALL
AT WINDOWS
Scale 1 1/2"=1'-0"

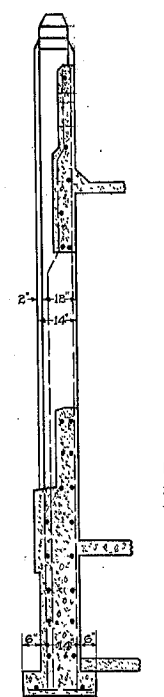
CITY OF TACOMA DEPARTMENT OF PUBLIC UTILITIES WATER DIVISION		
W. A. KUNIK SUPERINTENDENT		IRA A. DAVISSON COMMISSIONER
HOOD STREET PUMP STATION DETAILS OF STAIRWAY-RAILINGS HATCH & LADDER		
DATE	DESIGN O.A.A.	SCALE SHOWN
	TRACED A.P.J.	DRAWING NO.
CHECKED	W.D.	4-85-4



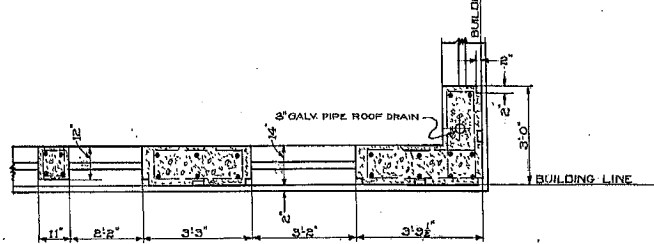
WEST ELEVATION
SHOWING REINFORCEMENT



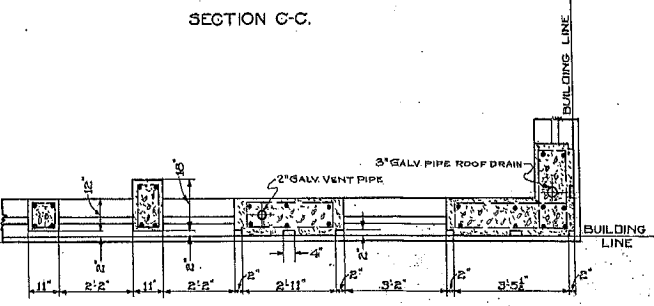
SECTION A-A.



SECTION B-B.

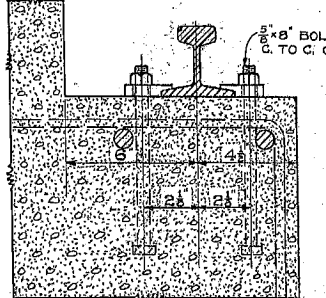


SECTION C-C.

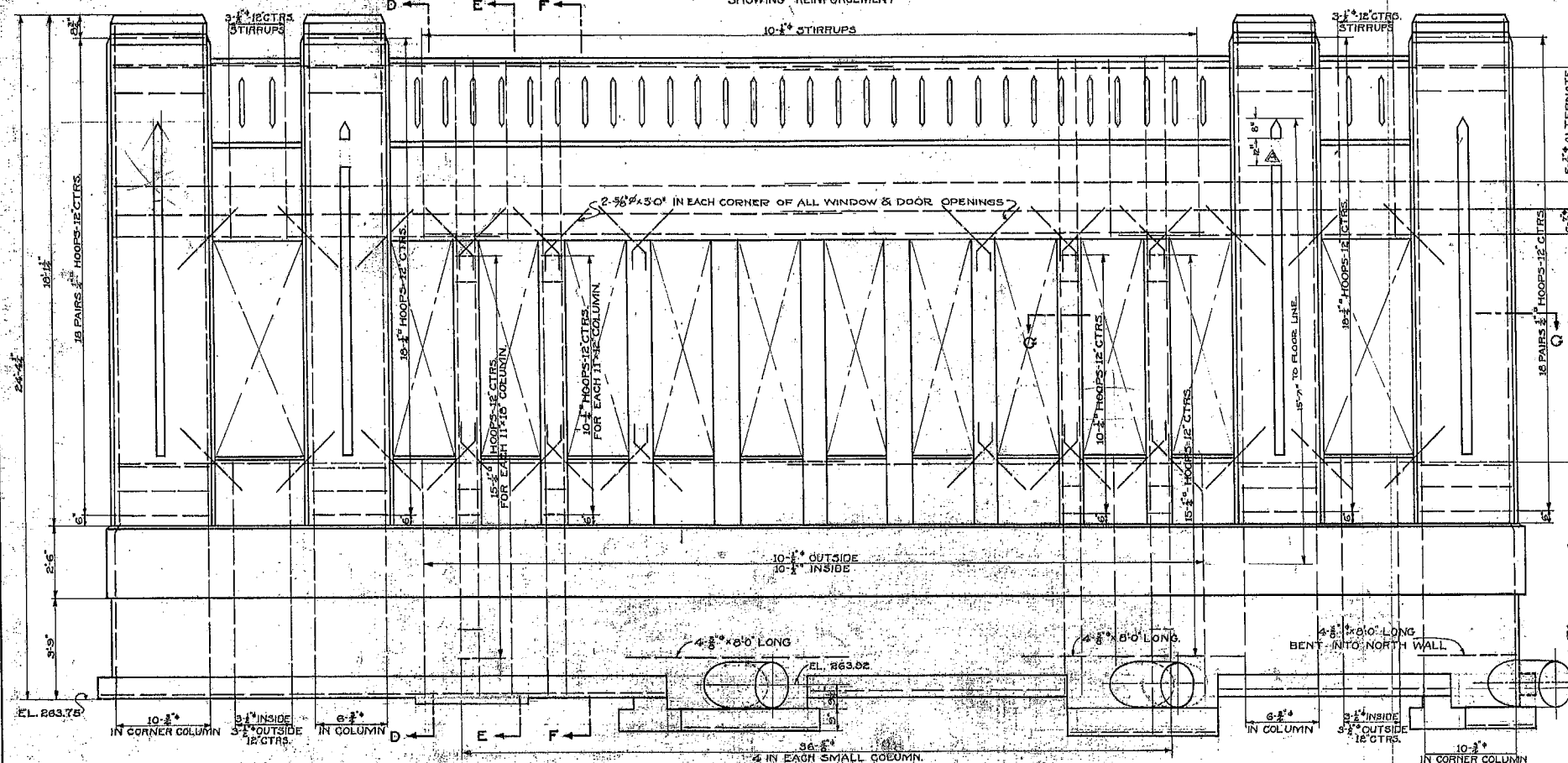


SECTION G-G.

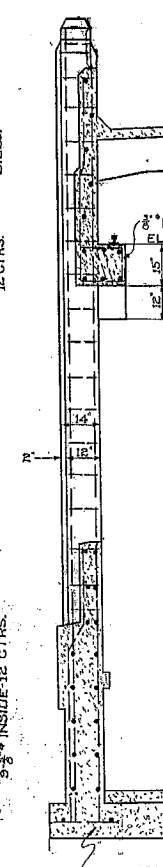
30" A.S.C.E. RAILS WITH STANDARD FISH-PLATE SPLICES AND #14 CARNEGIE RAIL CLIPS.



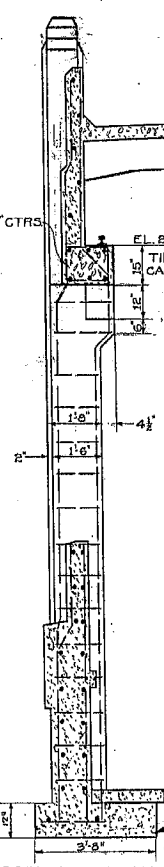
CROSS SECTION
SHOWING RAILS, CLIPS AND BOLTS.
SCALE-3/4"=1'-0"



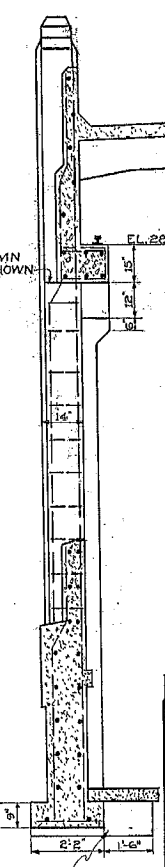
EAST ELEVATION
SHOWING REINFORCEMENT



SECTION D-D



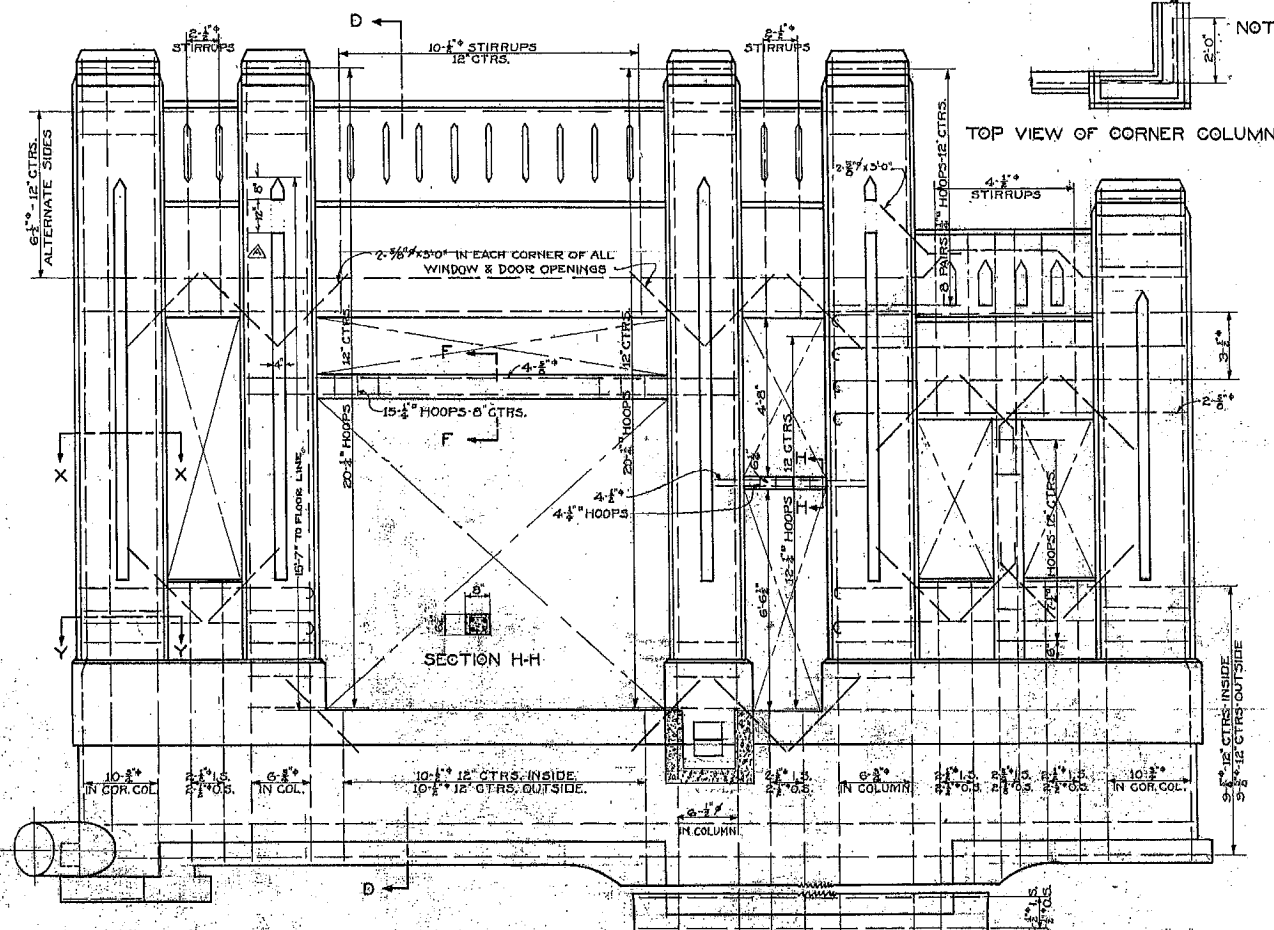
SECTION E-E



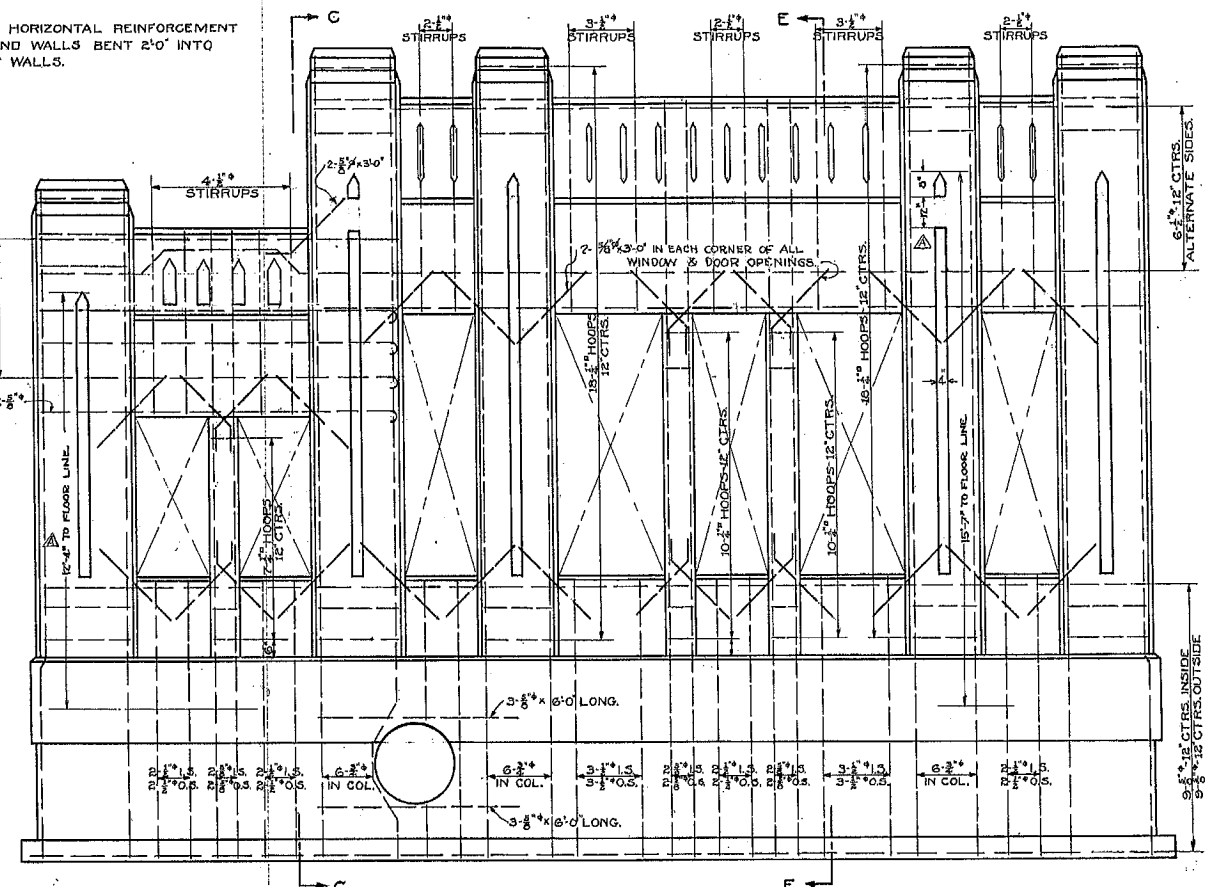
SECTION F-F

SYMBOL	DATE	DIMENSIONS OF COL. PLATING ADDED.	ADDITIONS & CHANGES	APP'D
	7/18/32			
CITY OF TACOMA DEPARTMENT OF PUBLIC UTILITIES WATER DIVISION W.A. KUNISK SUPERINTENDENT. IRA S. DAVIDSON COMMISSIONER.				
HOOD ST. PUMP STATION REINFORCING STEEL DETAILS EAST & WEST WALLS				
DATE 12-9-31	DESIGN G.A.A. DRAWN G.A.A. TRACED G.A.A. CHECKED W.O.			SCALE 3/8"=1'-0" DRAWING NO. 4-85-5 Supt. <i>A. H. ...</i> Asst. Supt. <i>B. P. Thomas</i> Commissioner <i>J. S. Davidson</i>

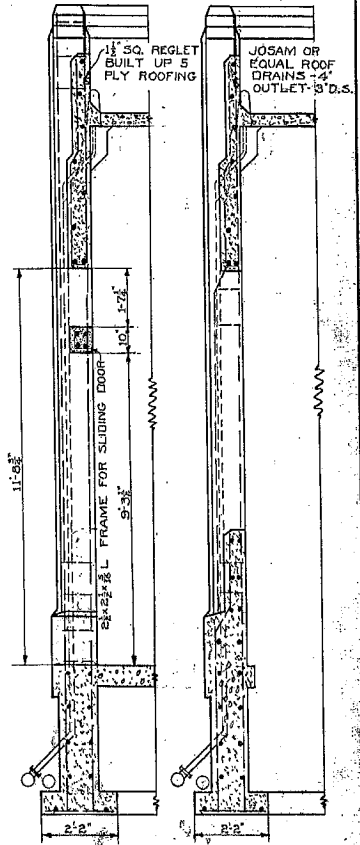
4-85-5 5-58-6



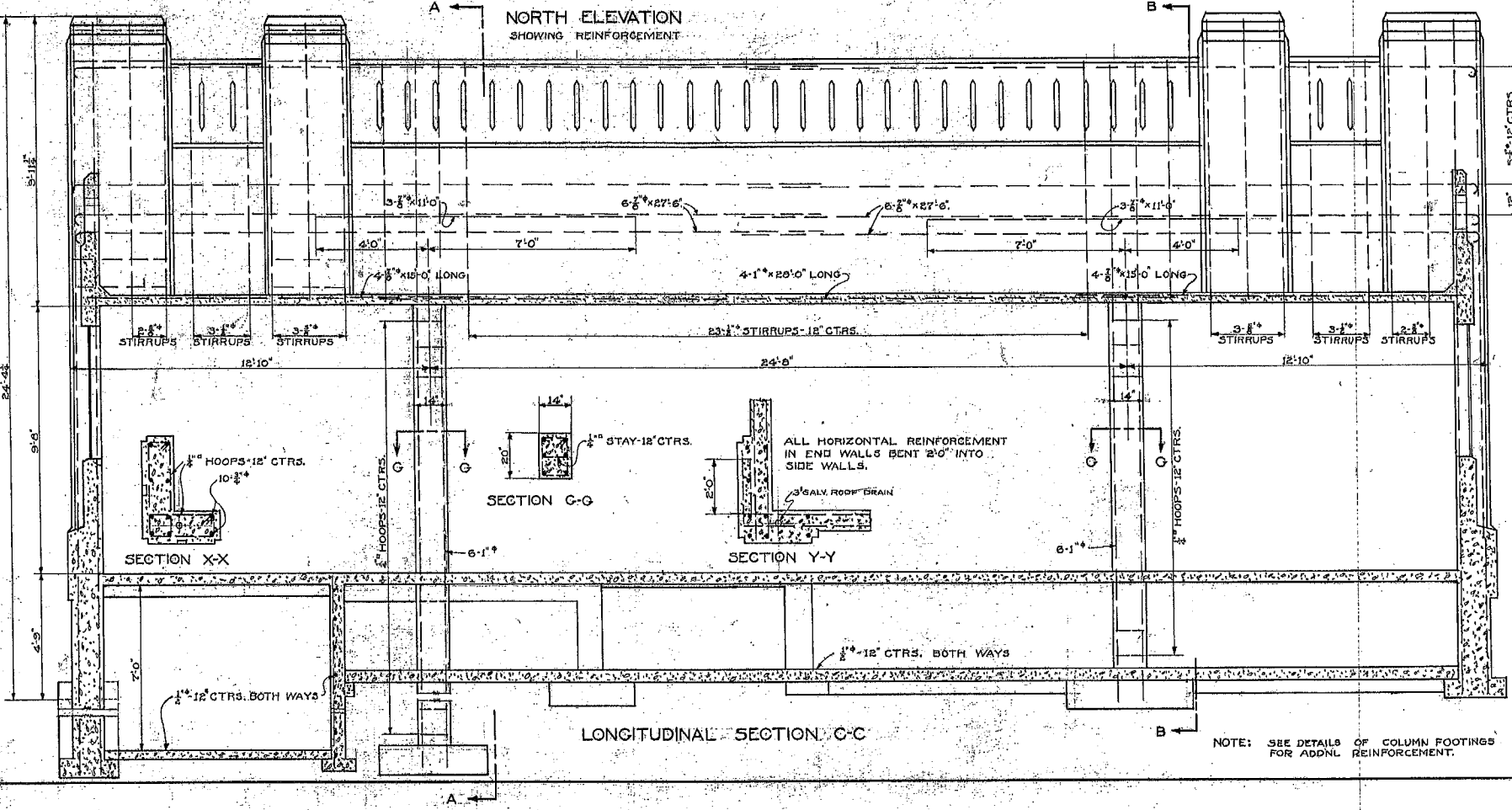
NOTE: ALL HORIZONTAL REINFORCEMENT IN END WALLS BENT 2'0\"/>



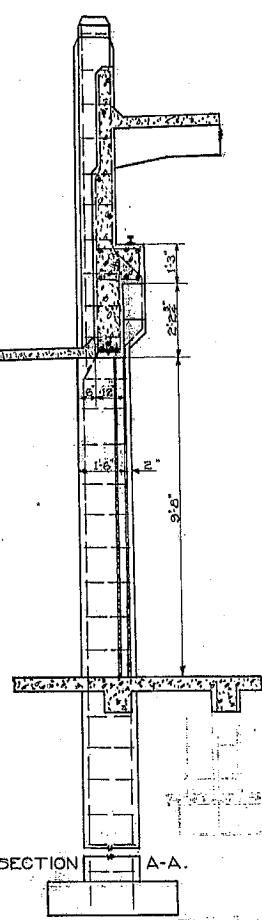
SOUTH ELEVATION SHOWING REINFORCEMENT



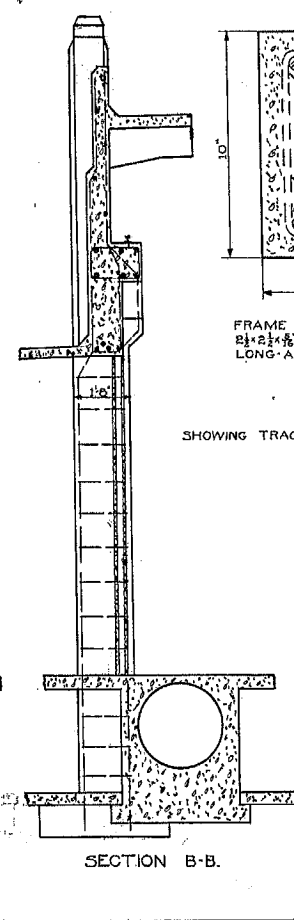
SECTION D-D. SECTION E-E.



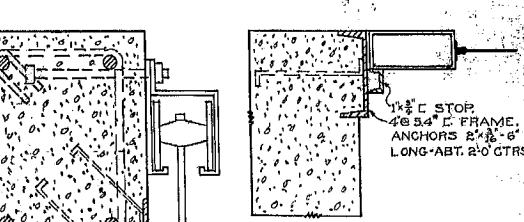
NORTH ELEVATION SHOWING REINFORCEMENT



SECTION A-A.



SECTION F-F. SHOWING TRACK AND FRAME FOR SLIDING DOOR. SCALE 3\"/>



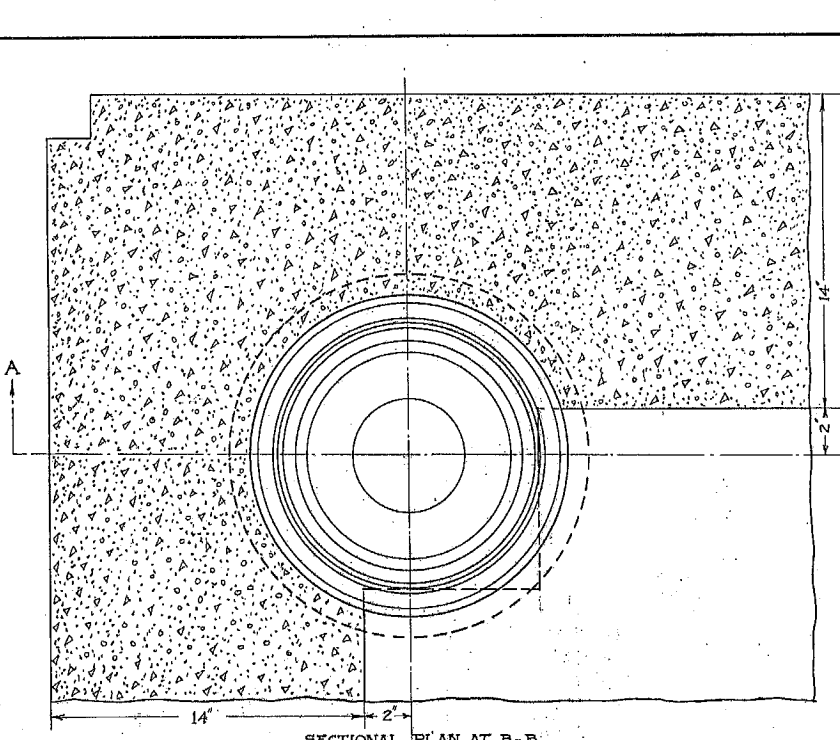
SECTION OF SWINGING DOOR AND FRAME SCALE 3\"/>

NOTE: SET ALL WINDOWS, DOOR FRAMES AND DOORS ACCORDING TO PLANS MADE BY THE MANUFACTURER AND APPROVED BY THE CITY.

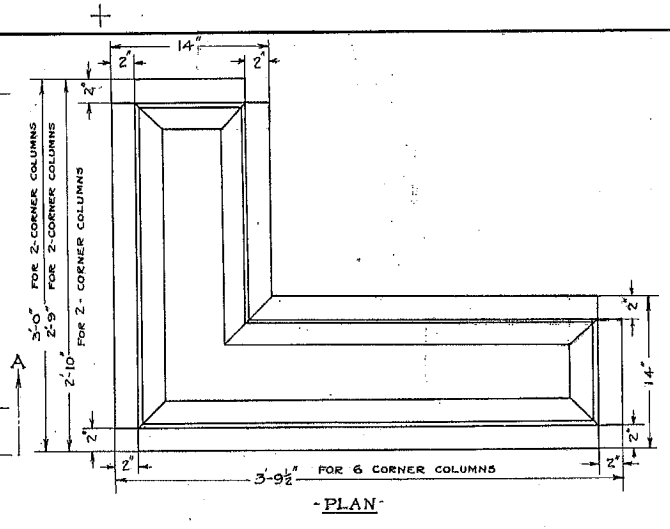
<p>DATE 12-10-31 DESIGN OAA DRAWN OAA TRACED OAA CHECKED W.O.</p>		<p>SCALE 1/8" = 1'-0"</p> <p>DRAWING NO. 4-85-6</p>
<p>CITY OF TACOMA DEPARTMENT OF PUBLIC UTILITIES WATER DIVISION</p>		
<p>W.A. KUNISK SUPERINTENDENT</p>		<p>IRA S. DAVISON COMMISSIONER</p>
<p>HOOD ST. PUMP STATION REINFORCING STEEL DETAILS NORTH & SOUTH WALLS</p>		

NOTE: SEE DETAILS OF COLUMN FOOTINGS FOR ADDNL REINFORCEMENT.

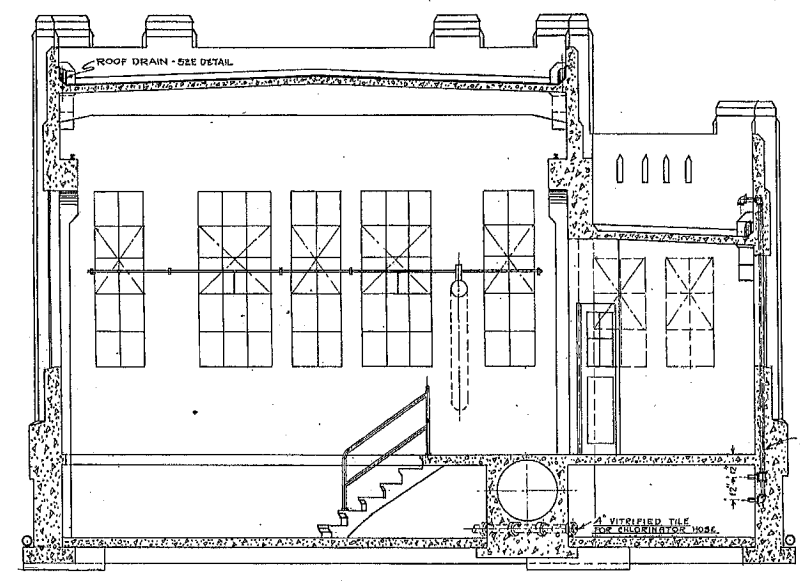
4-85-6
9-58-4



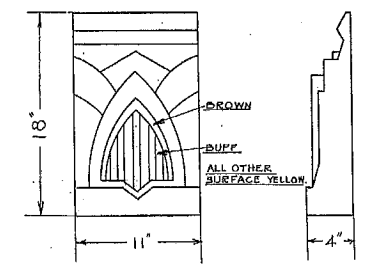
SECTIONAL PLAN AT B-B
SCALE 1/2" = 1 FOOT



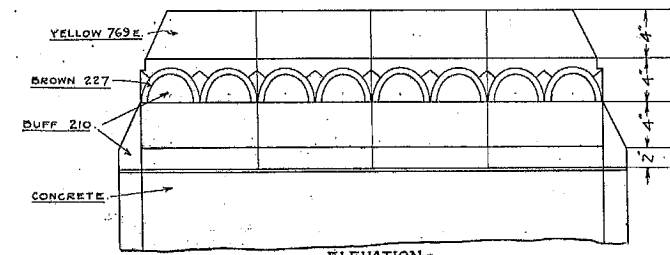
PLAN
SCALE 1/2" = 1 FOOT



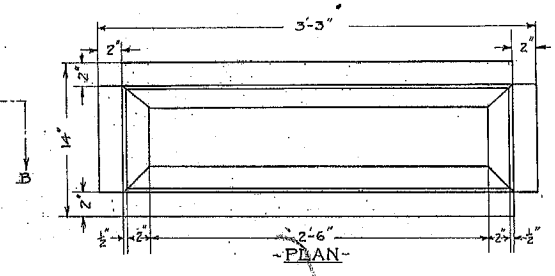
INSIDE VIEW SOUTH ELEVATION
SCALE 1/2" = 1 FOOT
NOTE: SEE DWG. 4-85-2 FOR LOCATION AND ARR'GT OF DRAINS.



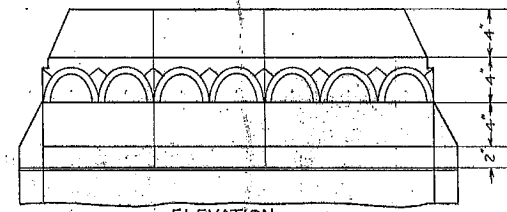
GLAZED TERRA COTTA CAP
22 REQ'D FOR ALL 11" COLUMNS.
SCALE 1 1/2" = 1 FOOT



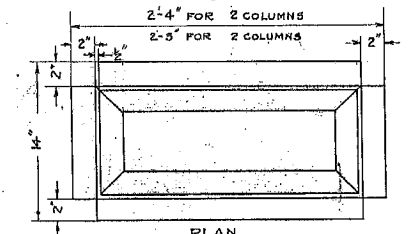
ELEVATION
CAPS FOR CORNER COLUMNS-GLAZED TERRA COTTA
SCALE 1 1/2" = 1 FOOT



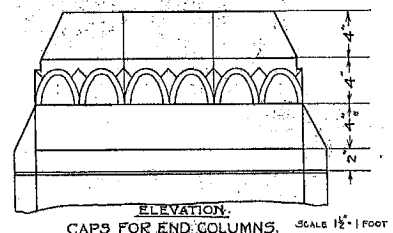
PLAN
SCALE 1 1/2" = 1 FOOT



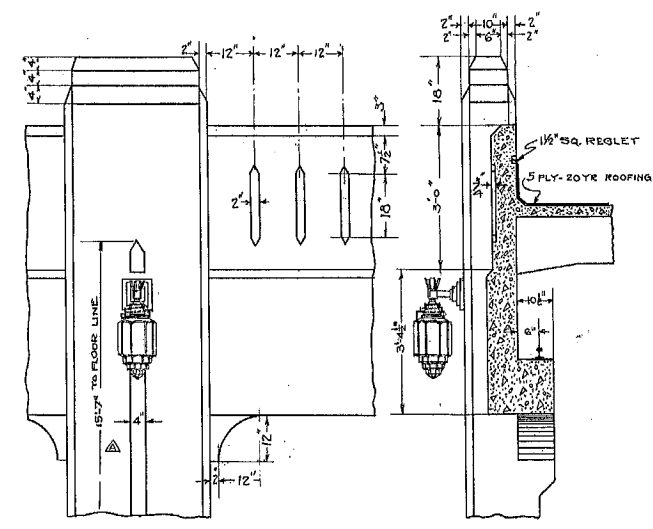
ELEVATION
CAPS FOR SIDE COLUMNS
SCALE 1 1/2" = 1 FOOT



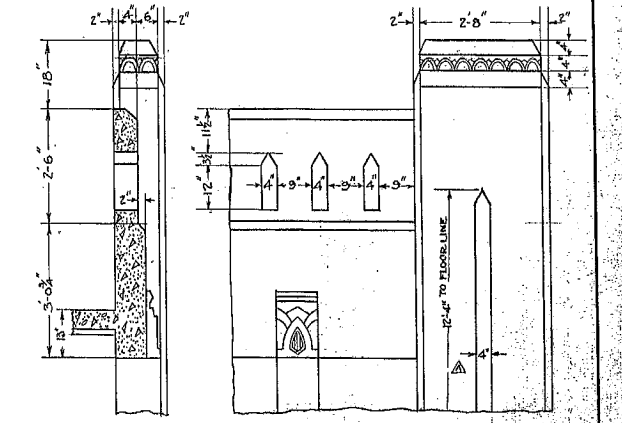
PLAN
SCALE 1 1/2" = 1 FOOT



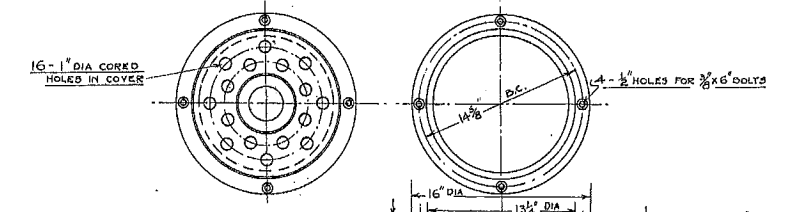
ELEVATION
CAPS FOR END COLUMNS
SCALE 1 1/2" = 1 FOOT



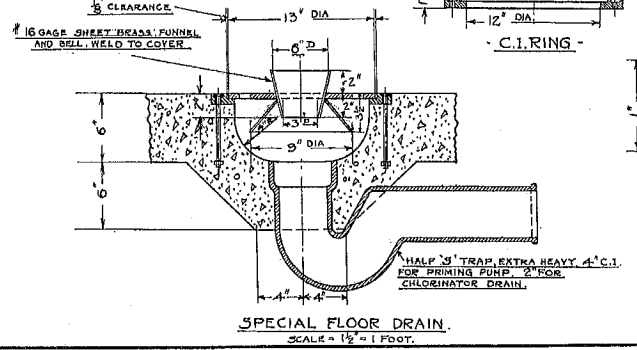
DETAIL OF PANELS & COLUMN CAPS
IN CONCRETE
SCALE 1/2" = 1 FOOT



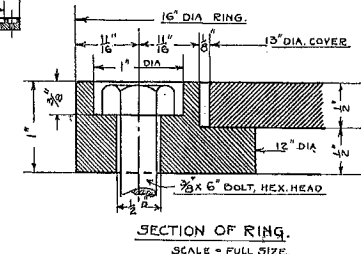
PARAPET WALL AT OFFICE
SCALE 1/2" = 1 FOOT



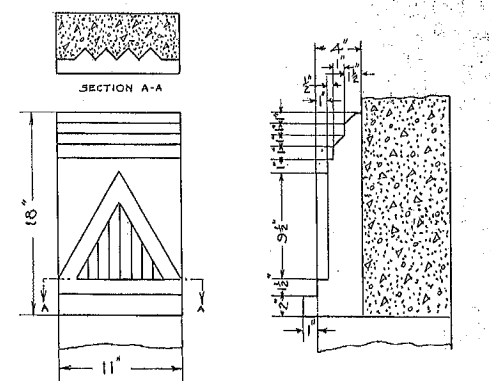
C.I. RING
SCALE 1/2" = 1 FOOT



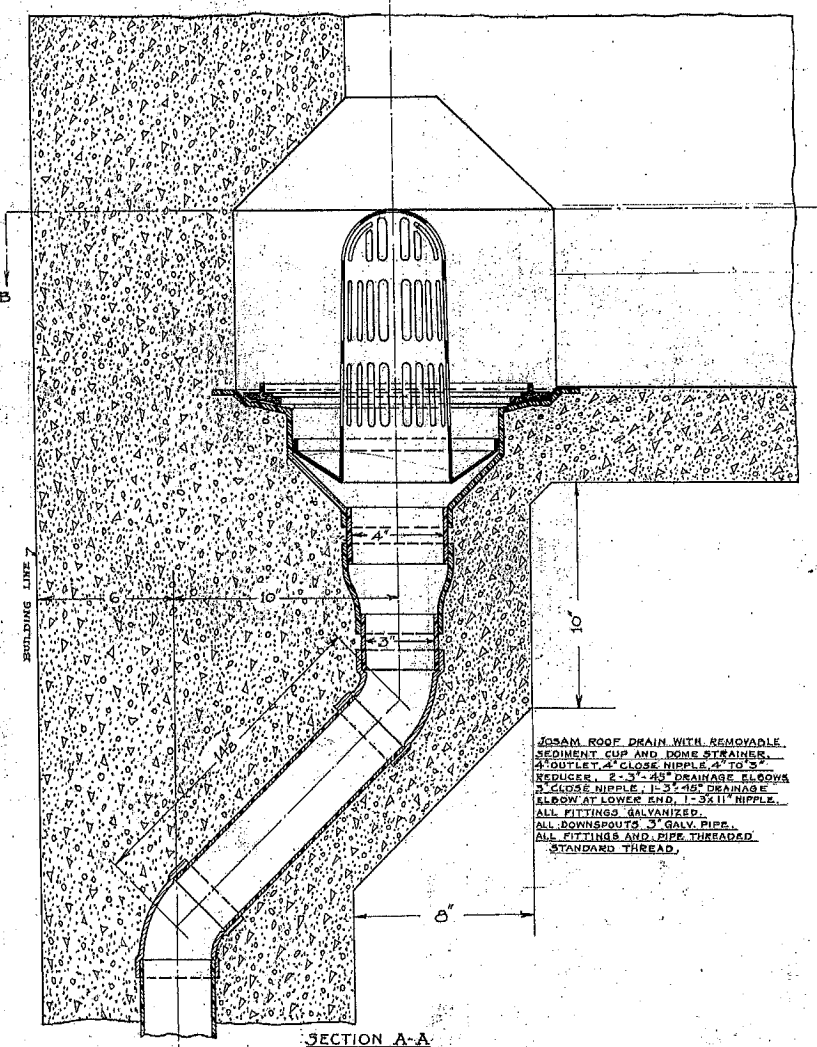
SPECIAL FLOOR DRAIN
SCALE 1/2" = 1 FOOT



SECTION OF RING
SCALE = FULL SIZE



CONCRETE CAP
SCALE 1 1/2" = 1 FOOT



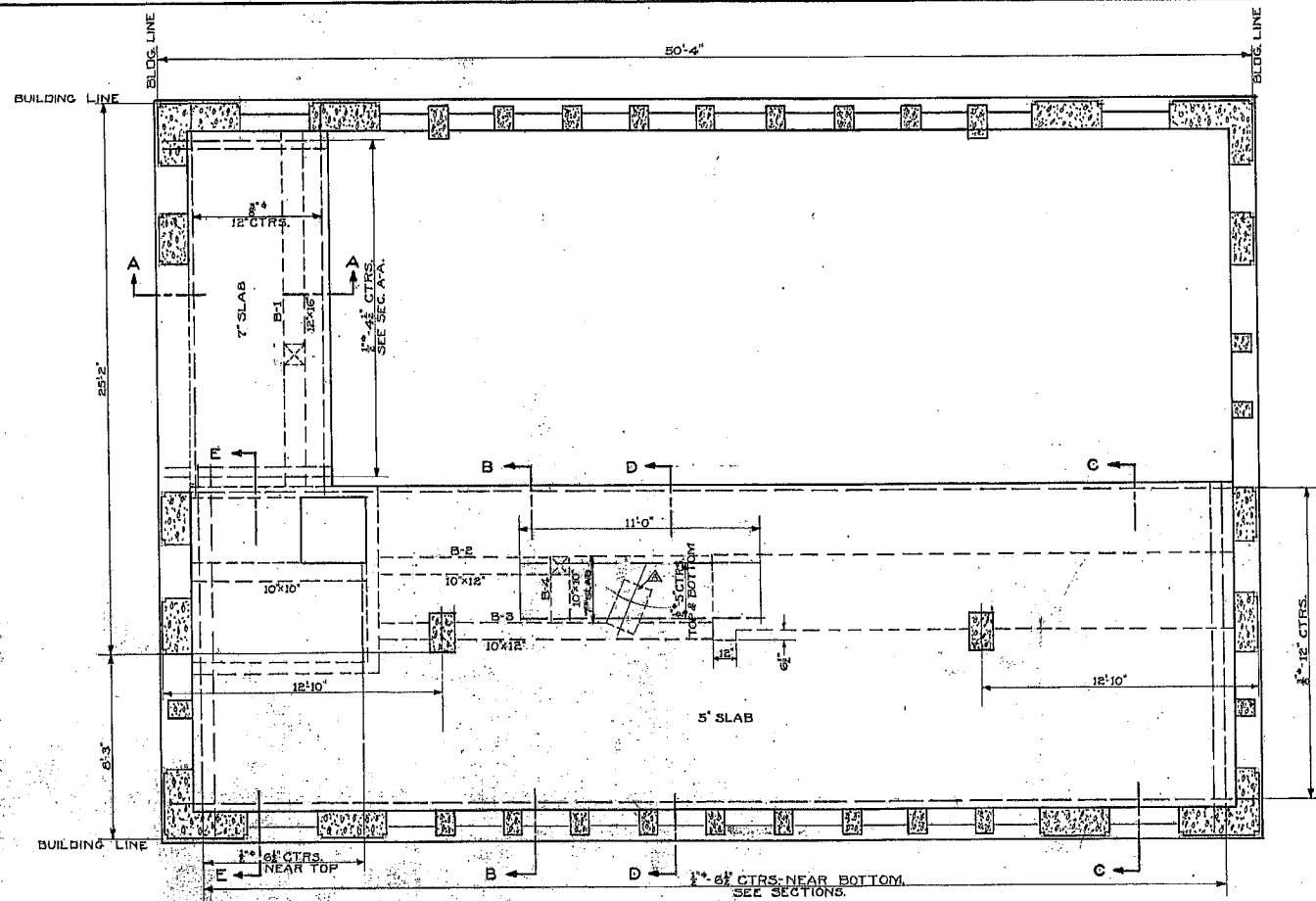
SECTION A-A
ROOF DRAIN
SCALE 3/4" = 1 FOOT

JESAM ROOF DRAIN WITH REMOVABLE SEDIMENT CAP AND RIME STRAINER. 2" OUTLET, 2" CLOSE NIPPLE, 2" TO 3" REDUCER, 2-3" DIA. DRAINAGE FLANGE, 2" CLOSE NIPPLE, 1-3/4" DIA. DRAINAGE ELBOW AT LOWER END, 1-3/4" NIPPLE. ALL FITTINGS GALVANIZED. ALL DOWNSPUTS 3" GALV. PIPE. ALL FITTINGS AND PIPE THREADED STANDARD THREAD.

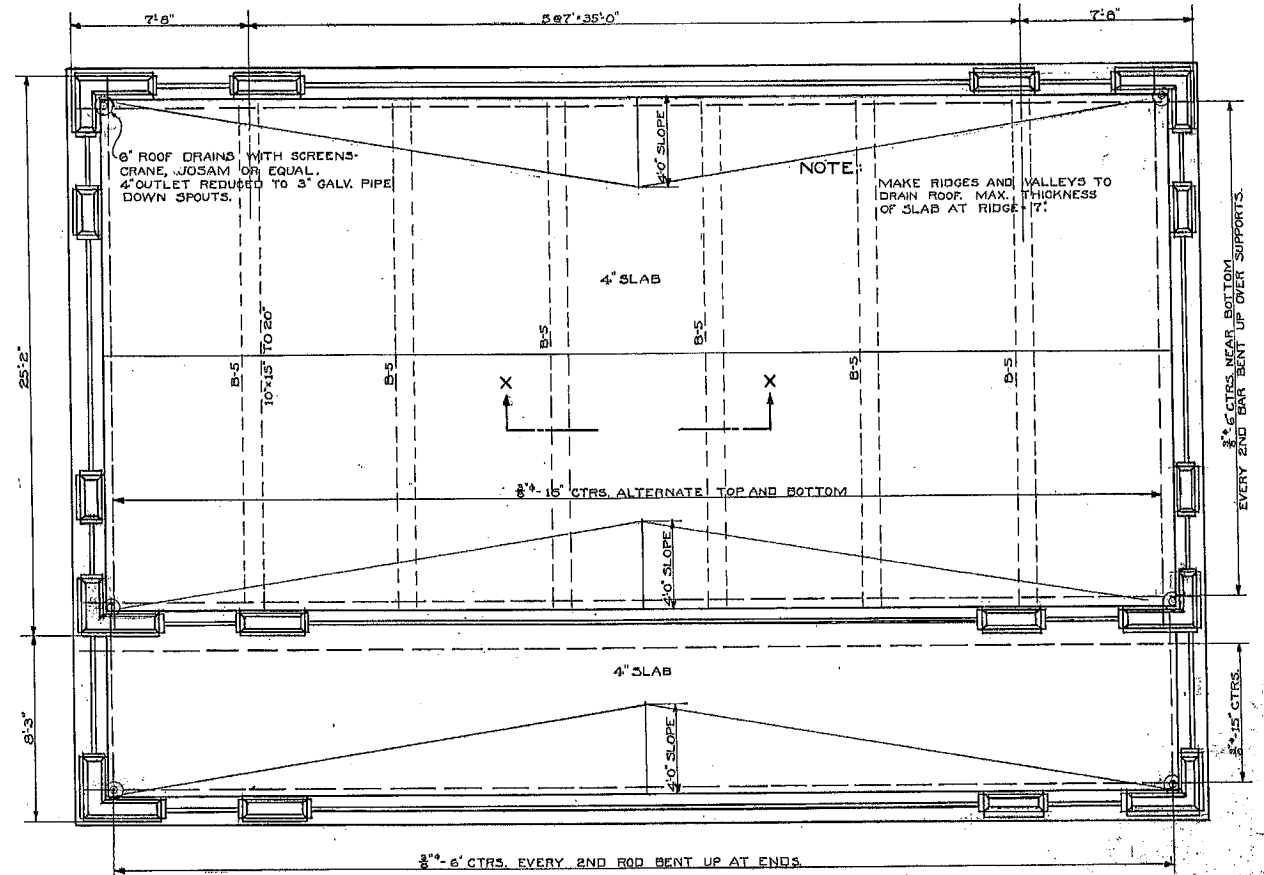
CITY OF TACOMA DEPARTMENT OF PUBLIC UTILITIES WATER DIVISION	
W.A. KUNIG SUPERINTENDENT	IRA S. DAVISON COMMISSIONER
HOOD ST. PUMP STATION COLUMN CAPS, ROOF DRAINS, SPECIAL FLOOR DRAINS & SECTIONS	
DATE: 12.11.31	SCALE: AS SHOWN
DESIGN: <i>W.A. Kunig</i>	SUPV.:
DRAWN BY: <i>B. J. Thomas</i>	DRAWING NO.:
CHECKED BY: <i>J. S. Davison</i>	4-85-7
W.D.:	

4-85-7 1-58 1-58

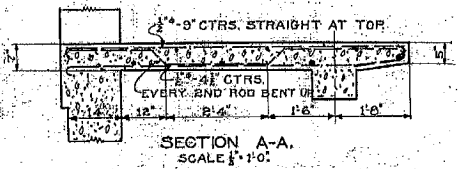
C



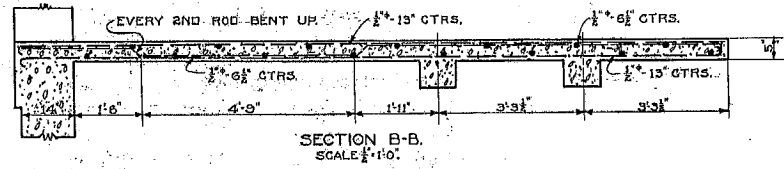
FLOOR SLAB
SHOWING REINFORCEMENT
SCALE 1/2"=1'-0"



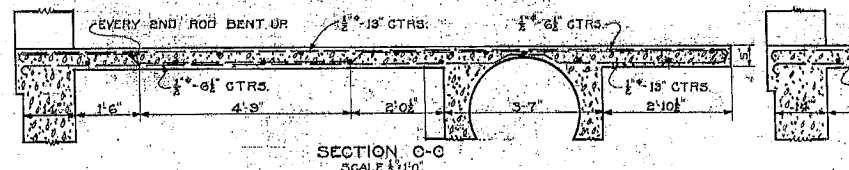
ROOF PLAN
SCALE 1/2"=1'-0"



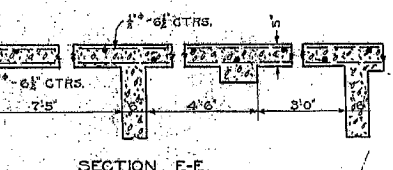
SECTION A-A
SCALE 1/2"=1'-0"



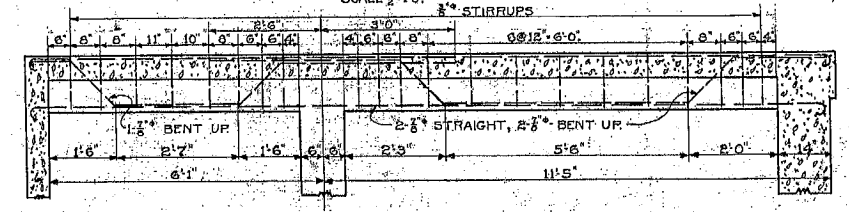
SECTION B-B
SCALE 1/2"=1'-0"



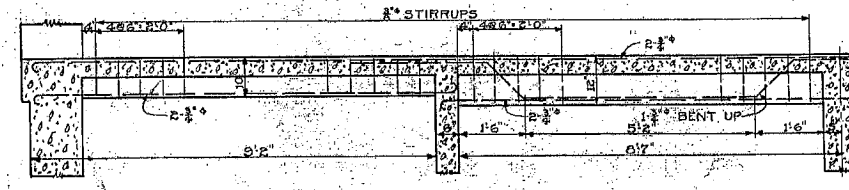
SECTION C-C
SCALE 1/2"=1'-0"



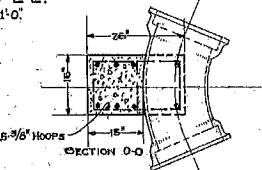
SECTION E-E
SCALE 1/2"=1'-0"



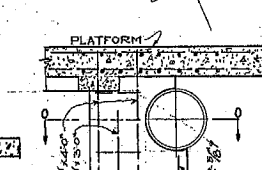
DETAIL OF B-1
SCALE 1/2"=1'-0"



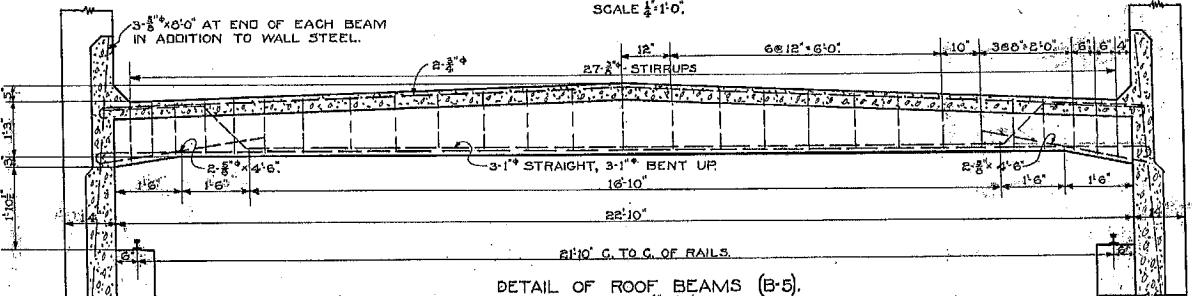
DETAIL OF B-2
SCALE 1/2"=1'-0"



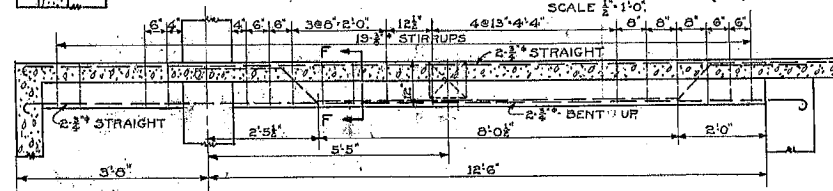
SECTION D-D
SCALE 1/2"=1'-0"



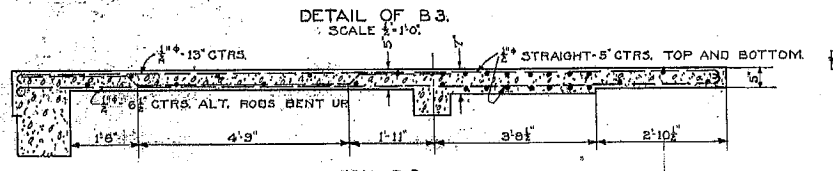
DETAIL OF THRUST ANCHOR
AT 16" C.C. ON N.P. PUMP DISCH.
SCALE 1/2"=1'-0"



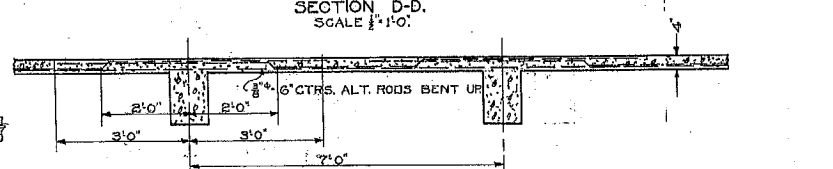
DETAIL OF ROOF BEAMS (B-5)
SCALE 1/2"=1'-0"



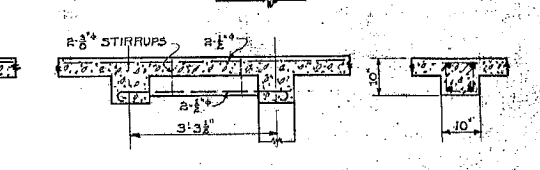
DETAIL OF B-3
SCALE 1/2"=1'-0"



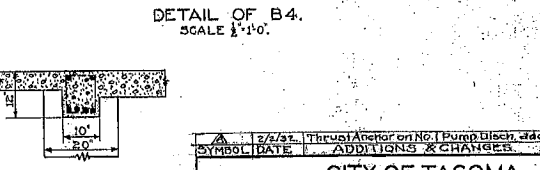
SECTION D-D
SCALE 1/2"=1'-0"



DETAIL OF ROOF SLAB
SECTION X-X
SCALE 1/2"=1'-0"



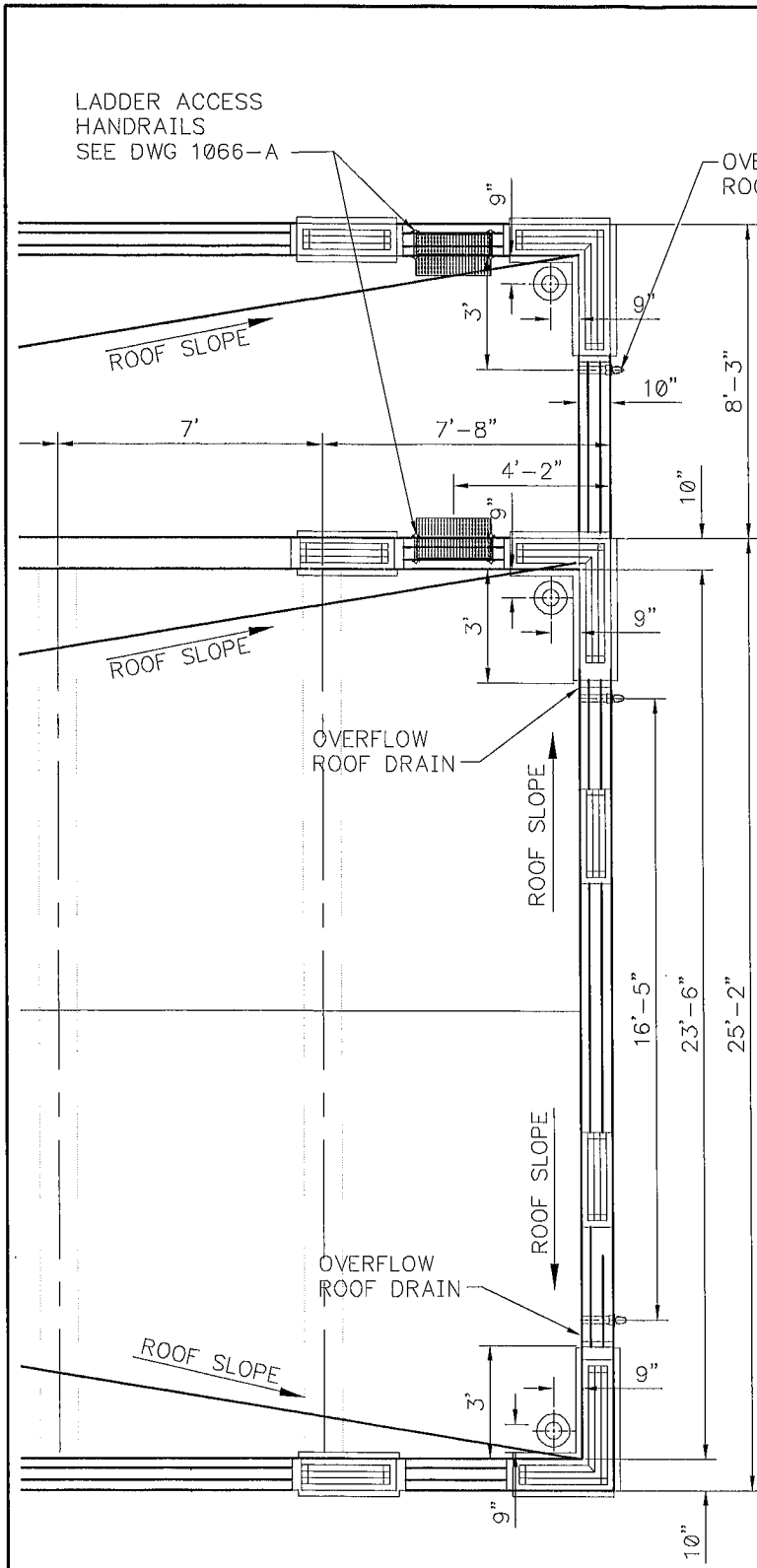
DETAIL OF B-4
SCALE 1/2"=1'-0"



SECTION F-F
SCALE 1/2"=1'-0"

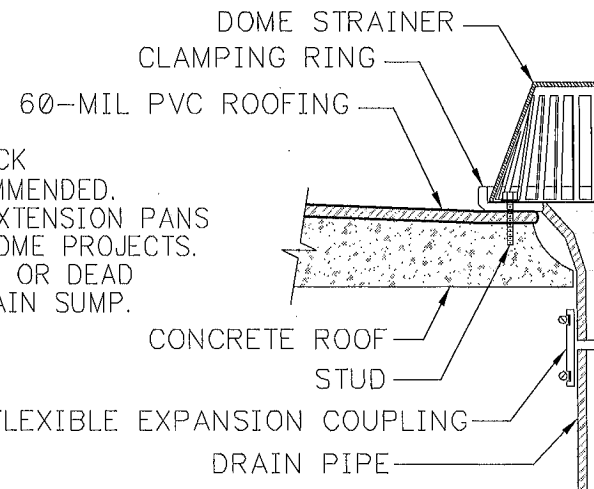
1/2"=1'-0" Through Anchor on N.P. Pump Disch. added		DATE	SCALE
SYMBOL		DATE	SCALE
CITY OF TACOMA DEPARTMENT OF PUBLIC UTILITIES WATER DIVISION			
W.A. HUNTER SUPERINTENDENT		IRA S. DAVISON COMMISSIONER	
HOOD ST. PUMP STATION REINFORCING STEEL DETAILS ROOF, FLOOR SLABS AND BEAMS			
DATE 12-14-31	DESIGN D.A.A.	TEST SUPV.	SCALE 1/2"=1'-0"
	DRAWN D.A.A.		DRAWING NO.
	TRACED J.W.A.		4-85-B
	CHECKED		
	W.O.		

1-85-B

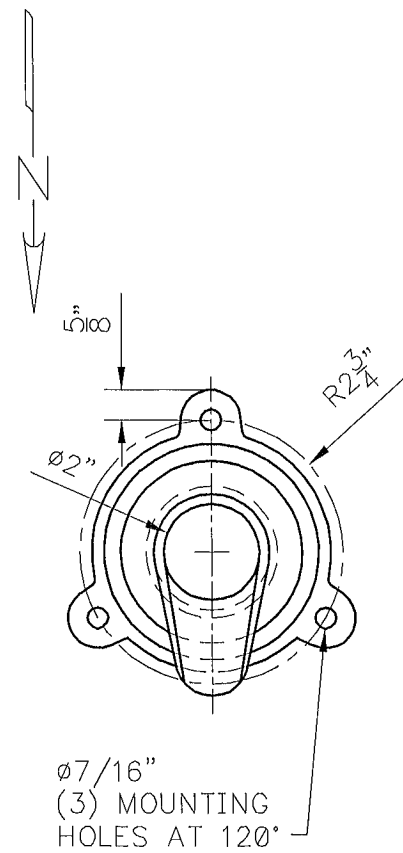
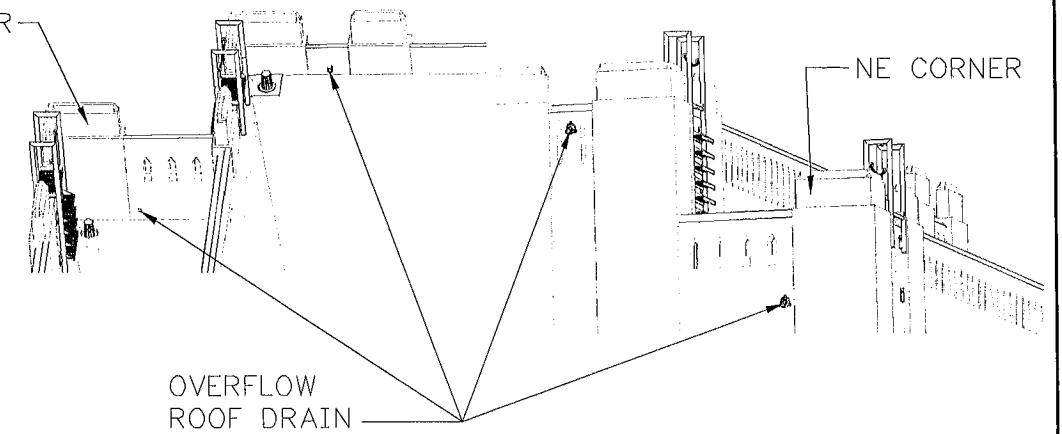


ROOF PLAN - NORTH SIDE
SCALE: 1"=40'

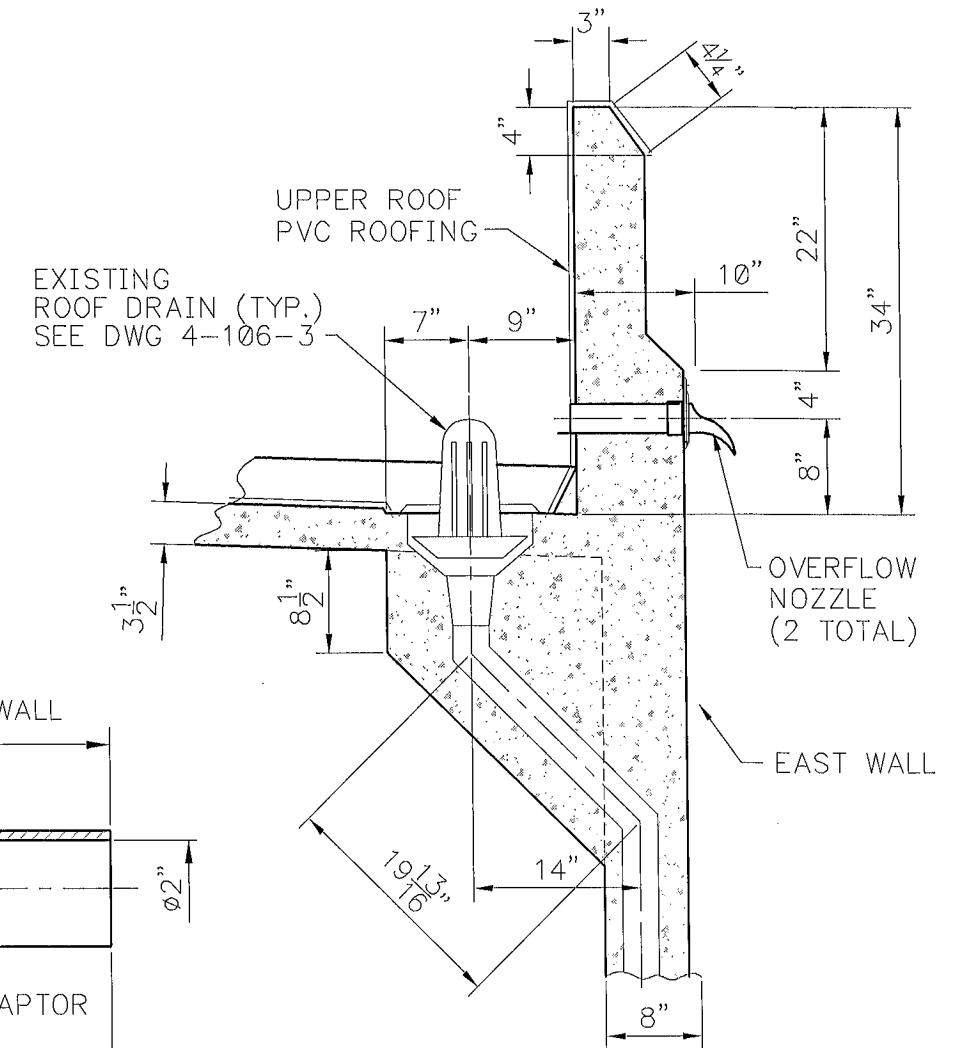
- NOTES:
1. THE USE OF A METAL DECK SUMP PAN IS NOT RECOMMENDED. HOWEVER, ROOF DRAIN EXTENSION PANS ARE APPLICABLE WITH SOME PROJECTS.
 2. DO NOT APPLY COAL TAR OR DEAD LEVEL ASPHALT INTO DRAIN SUMP.




ROOF DRAIN DETAIL
SCALE: N.T.S.



OVERFLOW NOZZLE DETAIL
SCALE: 3" = 1'



OVERFLOW ROOF DRAIN AND EXISTING ROOF DRAIN LOCATED AT CORNERS
SCALE: 3/4"=1'

3				DESIGN	RLM	APPROVED MANAGER	 TACOMA WATER TACOMA PUBLIC UTILITIES	HOOD ST RE-ROOF ROOF OVERFLOW PROJECT			SCALE	AS NOTED
2			DRAWN	KAW								
1			DIGITIZED									
NO.	REVISION	DATE	BY	APP'D.	CHECKED						WBS/ORDER: W.O.20000049520 FLDBKS: PROJ: OVERFLOW DATE: 06/03/2015	DRAWING



INSURANCE CERTIFICATE REQUIREMENTS

Please furnish the Purchasing Division with a Certificate of Insurance with the following liability limits based on the contract amount:

<u>CONTRACT AMOUNT</u>	<u>LIABILITY LIMITS</u>
\$ 25,000 and Under	\$ 500,000 Combined Single Limit
\$500,000 and Under	\$1,000,000 Per Occurrence / \$2,000,000 Aggregate
Over \$500,000	\$5,000,000 Total Coverage

- A. Umbrella excess liability may be used to reach the limits stated above. Coverage must include:
 1. Comprehensive General Liability
 2. Automobile Liability - Hired and Non-Owned
 3. Contractual Coverage
 4. Broad Form Property Damage
 5. Underground Explosion and Collapse Hazard (if necessary by the nature of the work)
 6. Any additional coverage specifically required by the City's specification

- B. The following general requirements apply:
 1. Insurance carrier must be authorized to do business in the State of Washington.
 2. Coverage must include personal injury, protective and employer liability.
 3. Contractor must provide with the certificate (a) evidence of the amount of any deductible or self-insured retention under the policy, and (b) policy endorsement(s) that verify compliance with the additional insured and the primary/non-contributory requirements specified in Section C. 1 and C. 2. below.
 4. It is the contractor's responsibility to keep an up-to-date Certificate of Insurance on file with the City throughout the contract.
 5. Contractor's insurance must be primary and non-contributory over any insurance the City may maintain, that is, any such City insurance shall be excess to limits stated in the certificate.

- C. The following statements are required on the Certificate of Insurance:
 1. *"The City of Tacoma is named as an additional insured"* ("as respects a specific contract" or "for any and all work performed with the City" may be included in this statement).
 2. *"This insurance is primary and non-contributory over any insurance or self-insurance the City may have"* ("as respects a specific contract" or "for any and all work performed with the City" may be included in this statement).
 3. *"Should any of the above described policies be canceled before the expiration date thereof, the issuing company will mail 30 days written notice to the Certificate Holder named."* Language such as, "endeavor to" mail and "but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representative" is not acceptable and must be crossed out. **See example below.**

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS
 The below listed certificated holder is added as an additional insured as respects any and all work performed with the City (or as respects project _____). This insurance is primary over any insurance or self-insurance the City may have for any and all work performed with the City (or as respects project _____).

CERTIFICATE HOLDER	ADDITIONAL INSURED; INSURER LETTER: _____	CANCELLATION
CITY OF TACOMA PO BOX 11007 TACOMA WA 98411-0007		"Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavor to mail 30 days written notice to the certificate holder named to the left, but failure to do so shall impose no obligation or liability of any kind upon the company, its agents or representatives."

ACORD™ **CERTIFICATE OF LIABILITY INSURANCE** DATE: 01/15/03

PRODUCER Brown & Brown of Washington, Inc. P. O. Box 1718 Tacoma WA 98402 Phone: 253-396-5500 Fax: 253-396-4500	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.
INSURERS AFFORDING COVERAGE	

INSURED General Contractors, Inc. Attn: John Boss 123 Main Street Tacoma WA 98401	INSURER A: CNA Insurance Company INSURER B: Safeco Insurance Company INSURER C: Fireman's Fund Insurance Company INSURER D: Washington State Fund (L&I) INSURER E: F.M. Global Insurance Company
--	--

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> _____ <input type="checkbox"/> _____ GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC	GL12345678	01/01/03	01/01/04	EACH OCCURRENCE	\$1,000,000
					FIRE DAMAGE (Any one fire)	\$100,000
					MED EXP (Any one person)	\$5,000
					PERSONAL & ADV INJURY	\$1,000,000
					GENERAL AGGREGATE	\$2,000,000
					PRODUCTS - COMP/OP AGG	\$2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON - OWNED AUTOS <input type="checkbox"/> _____ <input type="checkbox"/> _____	BA554430	01/01/03	01/01/04	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
					BODILY/INJURY (Per person)	\$
					BODILY/INJURY (Per accident)	\$
					PROPERTY DAMAGE (Per accident)	\$
					AUTO ONLY - (Ea Accident)	\$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> _____				OTHER THAN AUTO ONLY: EA ACC	\$
					AGG	\$
C	EXCESS LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION	UL987XS	01/01/03	01/01/04	EACH OCCURRENCE	\$5,000,000
					AGGREGATE	\$5,000,000
						\$
						\$
D	WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY STOP GAP LIABILITY	278000652	12/01/03	12/01/04	<input checked="" type="checkbox"/> WC STAT - UTILITY LIMITS <input type="checkbox"/> OTHER	
					E.L. EACH ACCIDENT	\$1,000,000
					E.L. DISEASE - EA EMPLOYEE	\$1,000,000
A		GL12345678	01/01/03	01/01/04	E.L. DISEASE - POLICY LIMIT	\$1,000,000
E	OTHER BUILDERS' RISK	COC78765	04/01/03	04/01/04	\$3,750,000 LIMIT, \$10,000 DED, SPECIAL FORM, INCL QUAKE & FLOOD	

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS
 City of Tacoma is added as Additional Insured as respects any and all work performed with the City (or as respects project _____). This insurance is primary over any insurance or self-insurance the City may have for any and all work performed with the City (or as respects project _____).

CERTIFICATE HOLDER	Y	ADDITIONAL INSURED; INSURER LETTER A	CANCELLATION
CITY OF TACOMA PO BOX 11007 TACOMA WA 98411-0007		SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.	
		AUTHORIZED REPRESENTATIVE John Q. Agent John Q. Agent	



PERFORMANCE BOND TO THE CITY OF TACOMA

Resolution No.
Bond No.

KNOW ALL MEN BY THESE PRESENTS:

That we, the undersigned,

as principal, and

a corporation organized and existing under the laws of the State of

as a surety corporation, and qualified under the laws of the State of Washington to become surety upon bonds of contractors with municipal corporations, as surety, are jointly and severally held and firmly bound to the CITY OF TACOMA in the penal sum of \$ _____, for the payment of

which sum on demand we bind ourselves and our successors, heirs, administrators or personal representatives, as the case may be.

This obligation is entered into in pursuance of the statutes of the State of Washington, the Ordinances of the City of Tacoma.

Dated at Tacoma, Washington, this _____ day of _____, 20_____.

Nevertheless, the conditions of the above obligation are such that:

WHEREAS, under and pursuant to the City Charter and general ordinances of the City of Tacoma, the said City has or is about to enter with the above bounden principal, a certain contract, providing for

Specification No.

Specification Title:

Contract No.

(which contract is referred to herein and is made a part hereof as though attached hereto), and

WHEREAS, the said principal has accepted, or is about to accept, the said contract, and undertake to perform the work therein provided for in the manner and within the time set forth;

NOW, THEREFORE, if the said _____ shall faithfully perform all of the provisions of said contract in the manner and within the time therein set forth, or within such extensions of time as may be granted under said contract, and shall pay all laborers, mechanics, subcontractors and materialmen; the claims of any person or persons arising under the contract to the extent such claims are provided for in RCW 39.08.010; the state with respect to taxes imposed pursuant to Titles 50, 51, and 82 RCW which may be due; and all persons who shall supply said principal or subcontractors with provisions and supplies for the carrying on of said work, and shall indemnify and hold the City of Tacoma harmless from any damage or expense by reason of failure of performance as specified in said contract or from defects appearing or developing in the material or workmanship provided or performed under said contract after its acceptance thereof by the City of Tacoma and all claims filed in compliance with Chapter 39.08, RCW are resolved, then and in that event this obligation shall be void; but otherwise it shall be and remain in full force and effect.

Approved as to form:

Principal:

City Attorney

By: _____

Surety:

By: _____

Agent's Name: _____

Agent's Address: _____

CONTRACT

Resolution No.
Contract No.

THIS AGREEMENT made and entered into in triplicate by and between the City of Tacoma, a Municipal Corporation hereinafter called the "City", and
Enter vendor name herein after called the "Contractor."

WITNESSETH:

That in consideration of the terms and conditions contained herein and attached and made a part of this Agreement, the Parties hereto covenant and agree as follows:

- I. The Contractor shall do all work and furnish all tools, materials, and equipment in accordance with and as described herein and in the attached plans, drawings, and the below referenced Specifications of the City of Tacoma included in the solicitation of Bids for this Agreement, which are by this reference incorporated herein and made a part hereof, and shall perform any alteration in or additions to the work provided under this Agreement and every part thereof.

Specification No. enter spec number

Project: enter spec name

Contract Total: \$ _____, Select applicable tax information

The Contractor shall provide and bear the expense of all equipment, work and labor of any sort whatsoever that may be required for the transfer of materials and for constructing and completing the work provided for in this Agreement and every part thereof, except such as are mentioned in the Specifications to be furnished by the City of Tacoma.

- II. The Contractor acknowledges, and by signing this Agreement agrees, that the Indemnification provisions set forth in the Specifications, including the Industrial Insurance immunity waiver (if applicable), are totally and fully part of this Agreement and, within the context of the competitive bidding laws, have been mutually negotiated by the Parties hereto.
- III. The Contractor, for him/herself, and for his/her 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.
- IV. It is further provided that no liability shall attach to the City by reason of entering into this Agreement, except as expressly provided herein.
- V. The Contractor agrees to accept as full payment hereunder the amounts specified in the Submittal, and the City agrees to make payments at the times and in the manner and upon the terms and conditions specified in said Submittal and in the attached plans, drawings, and Specifications.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed, with an effective date for bonding purposes of Enter date day of Enter month, 20year.

CITY OF TACOMA:

PRINCIPAL: Enter vendor name

By: _____
Title of dept or div staff w/auth to sign for this \$ amt

By: _____
Signature

By: _____
Select one (for contract totals over \$50K or NA)

By: _____
Printed Name

By: _____
Director of Finance

By: _____
Title

APPROVED AS TO FORM:

By: _____
City Attorney

Sustainability

The City has an interest in sustainable operations with minimal adverse impact on the environment. The City seeks to do business with vendors that value community and environmental stewardship that help us meet our sustainable purchasing goals.

1. Have you incorporated sustainability into your everyday business practices? Y/N Please describe

2. Have you taken measures to minimize impacts to the environment in the delivery of proposed goods and/or services? Y/N Please describe.

3. Please describe the estimated percentage of material to be recycled or reused under this project _____%.

Specification No. _____

Name of Bidder

State Responsibility and Reciprocal Bid Preference Information

Certificate of registration as a contractor (must be in effect at the time of bid submittal):

Number: _____

Effective Date: _____

Expiration Date: _____

Current Washington Unified Business Identifier (UBI) number:

Number: _____

Do you have industrial insurance (workers' compensation) coverage for your employees working in Washington?

Yes No

Not Applicable

Washington Employment Security Department number:

Number: _____

Not Applicable

Washington Department of Revenue state excise tax registration number:

Number: _____

Not Applicable

Have you been disqualified from bidding on any public works contracts under RCW 39.06.010 or 39.12.065(3)?

Yes No If yes, provide an explanation of your disqualification on a separate page.

Do you have a physical office located in the state of Washington?

Yes No

If incorporated, in what state were you incorporated?

State: _____

Not Incorporated

If not incorporated, in what state was your business entity formed?

State: _____

CITY OF TACOMA
Finance/Purchasing Division
SPECIAL NOTICE TO BIDDERS

Public works and improvement projects for the City of Tacoma are subject to Washington state law and Tacoma Municipal Code, including, but not limited to the following:

I. STATE OF WASHINGTON

A. RESPONSIBILITY CRITERIA – STATE OF WASHINGTON

In order to be considered a responsible bidder the bidder must meet the following mandatory state responsibility criteria contained in RCW 39.04.350:

1. Have a current certificate of registration as a contractor in compliance with chapter 18.27 RCW, which must have been in effect **at the time of bid submittal**;
2. Have a current Washington Unified Business Identifier (UBI) number;
3. If applicable:
 - a. Have Industrial Insurance (workers' compensation) coverage for the bidder's employees working in Washington, as required in Title 51 RCW;
 - b. Have a Washington Employment Security Department number, as required in Title 50 RCW;
 - c. Have a Washington Department of Revenue state excise tax registration number, as required in Title 82 RCW;
4. Not be disqualified from bidding on any public works contract under RCW 39.06.010 (unlicensed or unregistered contractors) or 39.12.065(3) (prevailing wage); and
5. Until December 31, 2013, not have violated more than one time the off-site, prefabricated, non-standard, project specific items reporting requirements of RCW 39.04.370.

B. RECIPROCAL PREFERENCE FOR RESIDENT CONTRACTORS:

Effective March 30, 2012, RCW 39.04.380 imposes a reciprocal preference for resident contractors. Any bid received from a non-resident contractor from a state that provides an in-state percentage bidding preference is subject application of a comparable percentage disadvantage.

A non-resident contractor from a state that provides an in-state percentage bidding preference means a contractor that:

1. Is from a state that provides a percentage bid preference to its resident contractors bidding on public works projects, and
2. Does not have a physical office located in Washington at the time of bidding on the City of Tacoma public works project.

The state of residence for a non-resident contractor is the state in which the contractor was incorporated, or if not a corporation, the state in which the contractor's business entity was formed.

The City of Tacoma will evaluate all non-resident contractors for an out of state bidder preference. If the state of the non-resident contractor provides an in state contractor preference, a comparable percentage disadvantage will be applied to the non-resident

contractor's bid prior to contract award. The responsive and lowest and best responsible bidder after application of any non-resident disadvantage will be awarded the contract.

The reciprocal preference evaluation does not apply to public works procured pursuant to RCW 39.04.155, RCW 39.04.280, federally funded competitive solicitations where such agencies prohibit the application of bid preferences, or any other procurement exempt from competitive bidding.

Bidders must provide the City of Tacoma with their state of incorporation or the state in which the business entity was formed and include whether the bidder has a physical office located in Washington.

The bidder shall submit documentation demonstrating compliance with above criteria on the enclosed State Responsibility and Reciprocal Bidder Information form.

C. SUBCONTRACTOR RESPONSIBILITY

1. The Contractor shall include the language of this subcontractor responsibility section in each of its first tier subcontracts, and shall require each of its subcontractors to include the same language of this section in each of their subcontracts, adjusting only as necessary the terms used for the contracting parties. The requirements of this section apply to all subcontractors regardless of tier.
2. At the time of subcontract execution, the Contractor shall verify that each of its first tier subcontractors meets the following bidder responsibility criteria:
 - a. Have a current certificate of registration as a contractor in compliance with chapter 18.27 RCW, which must have been in effect at the time of subcontract bid submittal;
 - b. Have a current Washington Unified Business Identifier (UBI) number;
 - c. If applicable, have:
 - a. Have Industrial Insurance (workers' compensation) coverage for the bidder's employees working in Washington, as required in Title 51 RCW;
 - b. A Washington Employment Security Department number, as required in Title 50 RCW;
 - c. A Washington Department of Revenue state excise tax registration number, as required in Title 82 RCW;
 - d. An electrical contractor license, if required by Chapter 19.28 RCW;
 - e. An elevator contractor license, if required by Chapter 70.87 RCW.
1. Not be disqualified from bidding on any public works contract under RCW 39.06.010 (unlicensed or unregistered contractors) or 39.12.065(3) (prevailing wage);
2. Until December 31, 2013, not have violated more than one time the off-site, prefabricated, non-standard, project specific items reporting requirements of RCW 39.04.370.

II. CITY OF TACOMA

A. SUPPLEMENTAL RESPONSIBILITY CRITERIA – CITY OF TACOMA:

In order to be considered a responsible bidder, the prospective bidder shall have all of the following qualifications set forth in Tacoma Municipal Code 1.06.262:

1. Adequate financial resources or the ability to secure such resources;
2. The necessary experience, stability, organization and technical qualifications to perform the proposed contract;
3. The ability to comply with the required performance schedule, taking into consideration all existing business commitments;
4. A satisfactory record of performance, integrity, judgment and skills; and
5. Be otherwise qualified and eligible to receive an award under applicable laws and regulations.
 - a. Bidder Responsibility. Bidders shall not be in violation of 39.04.350 RCW Bidder Responsibility Criteria - Supplemental Criteria.

In addition to the mandatory bidder responsibility criteria listed immediately above, the City may, in addition to price, consider any or all of the following criteria contained in Tacoma Municipal Code Chapter 1.06.262 in determining bidder responsibility:

1. The ability, capacity, experience, stability, technical qualifications and skill of the respondent to perform the contract;
2. Whether the respondent can perform the contract within the time specified, without delay or interference;
3. Integrity, reputation, character, judgment, experience, and efficiency of the respondents, including past compliance with the City's Ethics Code;
4. Quality of performance of previous contracts;
5. Previous and existing compliance with laws and ordinances relating to contracts or services;
6. Sufficiency of the respondent's financial resources;
7. Quality, availability, and adaptability of the supplies, purchased services or public works to the particular use required;
8. Ability of the respondent to provide future maintenance and service on a timely basis;
9. Payment terms and prompt pay discounts;
10. The number and scope of conditions attached to the submittal;
11. Compliance with all applicable City requirements, including but not limited to the City's Ethics Code and its Historically Underutilized Business and Local Employment and Apprenticeship programs;
12. Other qualification criteria set forth in the specification or advertisement that the appropriate department or division head determines to be in the best interests of the City.

The City may require bidders to furnish information, sworn or certified to be true, to demonstrate compliance with the City responsibility criteria set forth above. If the city manager or director of utilities is not satisfied with the sufficiency of the information provided, or if the prospective respondent does not substantially meet all responsibility requirements, any submittal from such respondent must be disregarded.

B. ADDITIONAL SUPPLEMENTAL CRITERIA – NOT APPLICABLE

C. MODIFICATIONS TO SUPPLEMENTAL CRITERIA

Potential bidders may request modifications to the City's **supplemental criteria** by submitting a written request to the Purchasing Division no later than 5:00 p.m. Pacific Time, three days prior to bid opening date. Please include the Specification No. and Title when submitting such requests. Requests must include justification for why certain criteria should be modified. Requests received after this date and time will not be considered.

Requests may be submitted via postal mail or delivered personally, or sent by e-mail or fax, within the above timeline to:

MAIL

City of Tacoma Purchasing Division
PO Box 11007
Tacoma, WA 98411-0007

Fax: 253-502-8372

E-mail: bids@cityoftacoma.org

DELIVERY

City of Tacoma Purchasing Division
Tacoma Public Utilities
Administration Building North – Main Floor
3628 South 35th Street
Tacoma, WA 98409-3115

The City will respond to a timely submitted request prior to the bid opening date. Changes to the supplemental criteria, if warranted, will be issued by addendum to the solicitation documents and posted to the City's website for the attention of all prospective bidders.

D. DETERMINATION OF BIDDER RESPONSIBILITY

If the City determines the bidder does not meet the criteria above and is therefore not a responsible bidder, the City shall notify the bidder in writing with the reasons for its determination. If the bidder disagrees, the bidder may appeal the determination in a manner consistent with the City's Protest Policy. Appeals are coordinated by the Purchasing Division heard by the Procurement and Payables Division manager for contracts less than or equal to \$200,000 and by Contracts and Awards Board for contracts greater than \$200,000.



STATEMENT OF INTENT TO PAY PREVAILING WAGES

Public Works Contract
\$40.00 Filing Fee Required

- This form **must** be typed or printed in ink.
- **Fill in all blanks or the form will be returned for correction (see instructions).**
- Please allow a **minimum** of 10 working days for processing.
- Once approved, your form will be posted online at <https://fortress.wa.gov/lni/pwipub/SearchFor.asp>

Intent ID # (Assigned by L&I) _____

Your Company Information		
Your Company Name ABC Company, Inc.		
Your Address 1234 Main Street		
City Olympia	State WA	Zip+4 98501-1234
Your Contractor Registration Number ABCCI*0123AA	Your UBI Number 123456789	
Your Industrial Insurance Account Number 111,111-11		
Your Email Address (required for notification of approval) prevailingwage@lni.wa.gov	Your Phone Number (555) 555-5555	

Awarding Agency Information		
Project Name Road Repair		Contract Number 2011-01B
Awarding Agency WA State Department of Transportation		
Awarding Agency Address PO Box 47354		
City Olympia	State WA	Zip+4 98501
Awarding Agency Contact Name John Doe		Phone Number (555) 555-5555
County Where Work Will Be Performed Thurston		City Where Work Will Be Performed Olympia

Additional Details	
Your Expected Job Start Date (mm/dd/yyyy) 01/01/2011	
Job Site Address/Directions State Street @ Plum Street	
ARRA Funds	
Does this project utilize American Recovery and Reinvestment Act (ARRA) funds? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Contract Details		
Bid Due Date (Prime Contractor's) 08/01/2010	Award Date (Prime Contractor's) 08/10/2010	
Indicate Total Dollar Amount of Your Contract (including sales tax) or time and materials, if applicable.		\$1000.00
Weatherization or Energy Efficient Funds		
Does this project utilize any weatherization or energy efficiency upgrade funds (ARRA or otherwise)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

Prime Contractor's Company Information	
Prime Contractor's Company Name XYZ Company, Inc.	Prime Contractor's Intent Number 123456
Prime Contractor's Registration Number XYZIN*0123AA	Prime Contractor's UBI Number 987654321

Hiring Contractor's Company Information	
Hiring Contractor's Company Name Super Pavers, Inc.	
Hiring Contractor's Contractor Registration Number SUPERPA123AA	Hiring Contractor's UBI Number 321456987

Employment Information					
Do you intend to use ANY subcontractors?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Will employees perform work on this project?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Will ALL work be subcontracted?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Do you intend to use apprentice employees?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Number of Owner/Operators who own at least 30% of the company who will perform work on the project: <input type="checkbox"/> None (0) <input checked="" type="checkbox"/> One (1) <input type="checkbox"/> Two (2) <input type="checkbox"/> Three (3)					

Crafts/Trades/Occupations – (Do not list apprentices. They are listed on the Affidavit of Wages Paid only.) If an employee works in more than one trade, ensure that all hours worked in each trade are reported below. For additional crafts/trades/occupations please use Addendum A.	Number of Workers	Rate of Hourly Pay	Rate of Hourly Usual ("Fringe") Benefits
Laborer - Asphalt Raker	2	39.28	5.00
Power Equipment Operator - Asphalt Plant Operator	1	48.04	2.35
Truck Driver - Asphalt Mix (over 16 Yds)	1	46.47	0.00

Signature Block
 I hereby certify that I have read and understand the instructions to complete this form and that the information, including any addenda, are correct and that all workers I employ on this Public Works Project will be paid no less than the Prevailing Wage Rate(s) as determined by the Industrial Statistician of the Department of Labor and Industries.

Print Name:	Print Title:	Signature:	Date:
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For L&I Use Only
Approved by signature of the Department of Labor and Industries Industrial Statistician



AFFIDAVIT OF WAGES PAID

Public Works Contract

\$40.00 Filing Fee Required

Affidavit ID # (Assigned by L&I) _____

- This form must be typed or printed in ink.
- Fill in all blanks or form will be returned for correction (see back).
- Please allow a minimum of 10 working days for processing.
- Once approved, your form will be posted online at the website above.

APPROVED FORM WILL BE MAILED TO THIS ADDRESS

Contractor, company or agency name, address, city, state & ZIP+4

Project Name		Contract Number	
Contract Awarding Agency (public agency - not federal or private)			
Awarding Agency Address			
City		State	ZIP+4
Awarding Agency Project Contact Person			Phone Number
County where work was performed		City where work was performed	
Bid due date (mm/dd/yy)		Date contract awarded (mm/dd/yy)	
Date work completed (mm/dd/yy)		Date Intent filed (mm/dd/yy)	
Prime Contractor (has contract with the public agency)		Prime's Phone Number	
Prime's Contractor Registration Number		Prime's UBI Number	
Number of Owner/Operators that own at least 30% of the company who will perform work on the project: _____			
Did Employees Perform Work on this Project? <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes", please list worker's craft/trade/occupation below.			
Was all work subcontracted?		Did you use subcontractors?	
<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Responding "Yes" to either of the above questions will require that you fill out Addendum B, List of Next Tier Subcontractors .			
Job start date (mm/dd/yy)			

Prime Contractor (has contract with the public agency) Prime's Phone Number

Prime's Contractor Registration Number Prime's UBI Number

Number of Owner/Operators that own at least 30% of the company who will perform work on the project: _____

Did Employees Perform Work on this Project? Yes No If "Yes", please list worker's craft/trade/occupation below.

Craft/trade/occupation and apprentices. (For apprentices, give name, registration #, trade, dates of work on project, stage of progression, wage and fringe.)

Number of workers	Total # of hours worked - ea. trade	Rate of hourly pay	Rate of hourly fringe benefits

SAMPLE ONLY

Company Name	
Address	
City	State ZIP+4
Contractor Registration Number	UBI Number
Industrial Insurance Account Number	
Email address	Phone Number
For L&I Use Only	
APPROVED: Department of Labor and Industries	
By _____ Industrial Statistician	

Indicate total dollar amount of your contract (including Sales Tax.)	\$
I hereby certify that the information, including any addendums, is correct and that all workers I employed on this Public Works Project were paid no less than the Prevailing Wage Rate(s) as determined by the Industrial Statistician of the Department of Labor and Industries.	
Title	Signature

For L&I Use Only	
Check Number: _____	<input type="checkbox"/> \$40 or \$ _____
Issued By: _____	

INSTRUCTIONS TO COMPLETE THE
AFFIDAVIT OF WAGES PAID

Starting in the upper right hand corner of the form:

***Required Fields**

***Project Name:** This is the name given to the prime contractor by the awarding agency.

***Contract #:** This is the number of the contract assigned by the awarding agency to the prime contractor.

***Contract Awarding Agency:** This is the name of the public agency that awarded the contract.

Address, City, State, ZIP +4: This is the address of the contract awarding agency.

Awarding Agency Project Contact Person & Phone #: This is the contact at the awarding agency for this project.

***Approved form will be mailed to this address:** You need to find out where the form should be mailed from the Prime Contractor or the Awarding agency.

***County where work was performed:** This is the county in which the actual work was performed.

City where work was performed: This is the city in which the work was performed. If the work was performed outside the limits of any city, write "N/A" in this space

***Bid Due Date:** This the date that the prime contractor turned in their bid to the awarding agency. (month/day/year)

***Date Contract Awarded –** This is the date the contract was awarded to the prime contractor by the awarding agency. (month/day/year)

***Prime Contractor, Contractor Registration #, UBI#, and Phone #:** These are all the prime's information and need to be listed on the form.

Please note: this may not be the contractor who hired you – this is the general contractor who has the contract with the awarding agency.

***Date Work Completed:** This is the date you completed work on the project. You cannot have a date in the future.

***Date Intent Filed:** This is the date you filed your intent with the Department. An affidavit cannot be approved without the Statement of Intent to Pay Prevailing Wages being filed.

***Intent ID #:** This can be found at the top of the form and is five numbers long.

***Number of Owner/Operators that Performed Work on the Project that Own 30% or More of the Company:** Only list them if they performed work – if there were none then put zero.

***Did Employees Perform Work on this Project:** Need to circle yes or no. If yes then you need to list the trades and occupations otherwise, if no, then you do not have to put anything.

***Was all Work Subcontracted?:** If all work was performed by subcontractors, check the appropriate box.

***Did you use subcontractors?:** If part of the work was performed by subcontractors, check the appropriate box.

***Job Start Date:** This is the date that you begin work on the project.

***Craft/trade occupation –** List each craft/trade/occupation of workers employed on this project. If this is residential, landscape, or underground sewer and water construction, please state so on the form. If operating engineers and/or truck drivers were used, describe the type, and list the size or rated capacity of the equipment. If you indicated owners/partners in the question above and you also indicated no employees then you do not need to fill in this section. (Individuals who own less than 30% of the company are not considered to be owners/operators, and must be paid prevailing wage.) Use Attachment A for additional occupations that will not fit on this form.

***Number of Workers:** List the number of journey-level workers employed for each craft/trade/occupation on this project.

***Total Number of Hours Worked:** List the total number of hours worked for each craft/trade/occupation.

***Rate of Hourly Pay:** Enter the rate of hourly pay for each craft/trade/occupation. Enter the rate of hourly pay as defined by RCW 39.12.010, that you actually provided to the workers. The amount listed for "Rate of Hourly Pay" plus the amount listed for the "Rate of Hourly Fringe Benefits", if any, must equal or exceed the Prevailing Wage rate.

***Rate of Hourly Fringe Benefits:** Enter the rate of hourly fringe benefits. This is the cost of fringe benefits, as defined by RCW 39.12.010, that you actually paid to the workers. The amount listed for "Rate of Hourly Pay" plus the amount listed for "Rate of Hourly Fringe Benefits", if any, must equal or exceed the prevailing rate of wage.

Apprentices: If apprentices were employed on this project, list each by name, registration number, craft, stage of progression, beginning and ending dates of work performed on this project, and rate of hourly pay and fringe benefits. Any workers not registered with the Washington State Apprenticeship and Training Council must be paid prevailing journeyman wages. Any apprentice not registered with the Washington State Apprenticeship and Training Council within 60 days of hiring must be paid prevailing journeyman wages for the time preceding the date of registration. To verify apprenticeship registration and status, call (360) 902-5324.

***Indicate total dollar amount of your contract:** Including sales tax (No Time & Material allowed)

***Company Name:** Indicate your company's name, address, phone number, and the signature of an authorized company representative with date signed. (Contractor registration number begins with the first letters of company name).

If there is not enough space to list all required information on one form, use additional Intent forms as needed. Please indicate at the top of each form "Page 1 of 2", "Page 2 of 2", etc. No additional fee is required. No other attachments will be accepted.

Approval of this Affidavit will be based on the information provided by the contractor/subcontractor. It does not signify approval of the classifications of labor used by the contractor/subcontractor.

L&I will mail the approved white copy of this Affidavit to the organization provided on the front of this form. Make a copy for your records.

Prevailing wage rates are available on the Internet at <http://www.lni.wa.gov/TradesLicensing/PrevWage>

Please submit both copies (white and canary) and the \$40 filing fee to:

**Management Services
Dept. of Labor and Industries
PO Box 44835
Olympia, WA 98504-4835
(360) 902-5335**

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: 03/04/2015

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>
Pierce	Asbestos Abatement Workers	Journey Level	\$42.67	<u>5D</u>	<u>1H</u>	
Pierce	Boilermakers	Journey Level	\$64.29	<u>5N</u>	<u>1C</u>	
Pierce	Brick Mason	Brick And Block Finisher	\$44.46	<u>5A</u>	<u>1M</u>	
Pierce	Brick Mason	Journey Level	\$51.32	<u>5A</u>	<u>1M</u>	
Pierce	Brick Mason	Pointer-Caulker-Cleaner	\$51.32	<u>5A</u>	<u>1M</u>	
Pierce	Building Service Employees	Janitor	\$9.47		<u>1</u>	
Pierce	Building Service Employees	Shampooer	\$10.08		<u>1</u>	
Pierce	Building Service Employees	Waxer	\$10.08		<u>1</u>	
Pierce	Building Service Employees	Window Cleaner	\$13.22		<u>1</u>	
Pierce	Cabinet Makers (In Shop)	Journey Level	\$28.36		<u>1</u>	
Pierce	Carpenters	Acoustical Worker	\$52.32	<u>5D</u>	<u>4C</u>	
Pierce	Carpenters	Bridge, Dock And Wharf Carpenters	\$52.32	<u>5D</u>	<u>4C</u>	
Pierce	Carpenters	Carpenter	\$52.32	<u>5D</u>	<u>4C</u>	
Pierce	Carpenters	Carpenters on Stationary Tools	\$52.45	<u>5D</u>	<u>4C</u>	
Pierce	Carpenters	Creosoted Material	\$52.42	<u>5D</u>	<u>4C</u>	
Pierce	Carpenters	Floor Finisher	\$52.32	<u>5D</u>	<u>4C</u>	
Pierce	Carpenters	Floor Layer	\$52.32	<u>5D</u>	<u>4C</u>	
Pierce	Carpenters	Scaffold Erector	\$52.32	<u>5D</u>	<u>4C</u>	
Pierce	Cement Masons	Journey Level	\$52.38	<u>7A</u>	<u>1M</u>	
Pierce	Divers & Tenders	Diver	\$105.37	<u>5D</u>	<u>4C</u>	<u>8A</u>
Pierce	Divers & Tenders	Diver On Standby	\$59.50	<u>5D</u>	<u>4C</u>	
Pierce	Divers & Tenders	Diver Tender	\$54.82	<u>5D</u>	<u>4C</u>	
Pierce	Divers & Tenders	Surface Rcv & Rov Operator	\$54.82	<u>5D</u>	<u>4C</u>	
Pierce	Divers & Tenders	Surface Rcv & Rov Operator Tender	\$51.07	<u>5A</u>	<u>4C</u>	
Pierce	Dredge Workers	Assistant Engineer	\$54.75	<u>5D</u>	<u>3F</u>	
Pierce	Dredge Workers	Assistant Mate (Deckhand)	\$54.33	<u>5D</u>	<u>3F</u>	

Pierce	Dredge Workers	Boatmen	\$54.75	<u>5D</u>	<u>3F</u>	
Pierce	Dredge Workers	Engineer Welder	\$55.79	<u>5D</u>	<u>3F</u>	
Pierce	Dredge Workers	Leverman, Hydraulic	\$56.92	<u>5D</u>	<u>3F</u>	
Pierce	Dredge Workers	Mates	\$54.75	<u>5D</u>	<u>3F</u>	
Pierce	Dredge Workers	Oiler	\$54.33	<u>5D</u>	<u>3F</u>	
Pierce	Drywall Applicator	Journey Level	\$52.32	<u>5D</u>	<u>1H</u>	
Pierce	Drywall Tapers	Journey Level	\$52.37	<u>5P</u>	<u>1E</u>	
Pierce	Electrical Fixture Maintenance Workers	Journey Level	\$17.76		<u>1</u>	
Pierce	Electricians - Inside	Cable Splicer	\$61.96	<u>5C</u>	<u>1G</u>	
Pierce	Electricians - Inside	Journey Level	\$58.35	<u>5C</u>	<u>1G</u>	
Pierce	Electricians - Inside	Lead Covered Cable Splicer	\$65.55	<u>5C</u>	<u>1G</u>	
Pierce	Electricians - Inside	Welder	\$61.96	<u>5C</u>	<u>1G</u>	
Pierce	Electricians - Motor Shop	Craftsman	\$15.37		<u>1</u>	
Pierce	Electricians - Motor Shop	Journey Level	\$14.69		<u>1</u>	
Pierce	Electricians - Powerline Construction	Cable Splicer	\$69.95	<u>5A</u>	<u>4D</u>	
Pierce	Electricians - Powerline Construction	Certified Line Welder	\$63.97	<u>5A</u>	<u>4D</u>	
Pierce	Electricians - Powerline Construction	Groundperson	\$43.62	<u>5A</u>	<u>4D</u>	
Pierce	Electricians - Powerline Construction	Heavy Line Equipment Operator	\$63.97	<u>5A</u>	<u>4D</u>	
Pierce	Electricians - Powerline Construction	Journey Level Lineperson	\$63.97	<u>5A</u>	<u>4D</u>	
Pierce	Electricians - Powerline Construction	Line Equipment Operator	\$53.81	<u>5A</u>	<u>4D</u>	
Pierce	Electricians - Powerline Construction	Pole Sprayer	\$63.97	<u>5A</u>	<u>4D</u>	
Pierce	Electricians - Powerline Construction	Powderperson	\$47.55	<u>5A</u>	<u>4D</u>	
Pierce	Electronic Technicians	Journey Level	\$32.39		<u>1</u>	
Pierce	Elevator Constructors	Mechanic	\$82.67	<u>7D</u>	<u>4A</u>	
Pierce	Elevator Constructors	Mechanic In Charge	\$89.40	<u>7D</u>	<u>4A</u>	
Pierce	Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	\$9.47		<u>1</u>	
Pierce	Fence Erectors	Fence Erector	\$22.56		<u>1</u>	
Pierce	Flaggers	Journey Level	\$36.17	<u>7A</u>	<u>3I</u>	
Pierce	Glaziers	Journey Level	\$54.91	<u>7L</u>	<u>1Y</u>	
Pierce	Heat & Frost Insulators And Asbestos Workers	Journeyman	\$61.18	<u>5J</u>	<u>1S</u>	
Pierce	Heating Equipment Mechanics	Journey Level	\$70.37	<u>7E</u>	<u>1E</u>	
Pierce	Hod Carriers & Mason Tenders	Journey Level	\$44.00	<u>7A</u>	<u>3I</u>	
Pierce	Industrial Power Vacuum Cleaner	Journey Level	\$9.47		<u>1</u>	
Pierce	Inland Boatmen	Boat Operator	\$54.57	<u>5B</u>	<u>1K</u>	
Pierce	Inland Boatmen	Cook	\$50.95	<u>5B</u>	<u>1K</u>	

Pierce	Inland Boatmen	Deckhand	\$51.19	<u>5B</u>	<u>1K</u>	
Pierce	Inland Boatmen	Deckhand Engineer	\$52.18	<u>5B</u>	<u>1K</u>	
Pierce	Inland Boatmen	Launch Operator	\$53.40	<u>5B</u>	<u>1K</u>	
Pierce	Inland Boatmen	Mate	\$53.40	<u>5B</u>	<u>1K</u>	
Pierce	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	\$9.73		<u>1</u>	
Pierce	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$11.48		<u>1</u>	
Pierce	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$12.78		<u>1</u>	
Pierce	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	\$9.47		<u>1</u>	
Pierce	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	\$10.53		<u>1</u>	
Pierce	Insulation Applicators	Journey Level	\$52.32	<u>5D</u>	<u>4C</u>	
Pierce	Ironworkers	Journeyman	\$61.62	<u>7N</u>	<u>1O</u>	
Pierce	Laborers	Air, Gas Or Electric Vibrating Screed	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Airtrac Drill Operator	\$44.00	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Ballast Regular Machine	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Batch Weighman	\$36.17	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Brick Pavers	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Brush Cutter	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Brush Hog Feeder	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Burner	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Caisson Worker	\$44.00	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Carpenter Tender	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Caulker	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Cement Dumper-paving	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Cement Finisher Tender	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Change House Or Dry Shack	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Chipping Gun (under 30 Lbs.)	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Chipping Gun(30 Lbs. And Over)	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Choker Setter	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Chuck Tender	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Clary Power Spreader	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Clean-up Laborer	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Concrete Dumper/chute Operator	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Concrete Form Stripper	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Concrete Placement Crew	\$43.46	<u>7A</u>	<u>3I</u>	

Pierce	Laborers	Concrete Saw Operator/core Driller	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Crusher Feeder	\$36.17	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Curing Laborer	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Demolition: Wrecking & Moving (incl. Charred Material)	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Ditch Digger	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Diver	\$44.00	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Drill Operator (hydraulic, diamond)	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Dry Stack Walls	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Dump Person	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Epoxy Technician	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Erosion Control Worker	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Faller & Bucker Chain Saw	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Fine Graders	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Firewatch	\$36.17	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Form Setter	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Gabian Basket Builders	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	General Laborer	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Grade Checker & Transit Person	\$44.00	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Grinders	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Grout Machine Tender	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Groutmen (pressure)including Post Tension Beams	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Guardrail Erector	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Hazardous Waste Worker (level A)	\$44.00	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Hazardous Waste Worker (level B)	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Hazardous Waste Worker (level C)	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	High Scaler	\$44.00	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Jackhammer	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Laserbeam Operator	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Maintenance Person	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Manhole Builder-mudman	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Material Yard Person	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Motorman-dinky Locomotive	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Nozzleman (concrete Pump, Green Cutter When Using Combination Of High Pressure Air & Water On Concrete & Rock, Sandblast, Gunite, Shotcrete, Water Bla	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Pavement Breaker	\$43.46	<u>7A</u>	<u>3I</u>	

Pierce	Laborers	Pilot Car	\$36.17	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Pipe Layer Lead	\$44.00	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Pipe Layer/tailor	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Pipe Pot Tender	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Pipe Reliner	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Pipe Wrapper	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Pot Tender	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Powderman	\$44.00	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Powderman's Helper	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Power Jacks	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Railroad Spike Puller - Power	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Raker - Asphalt	\$44.00	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Re-timberman	\$44.00	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Remote Equipment Operator	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Rigger/signal Person	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Rip Rap Person	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Rivet Buster	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Rodder	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Scaffold Erector	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Scale Person	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Sloper (over 20")	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Sloper Sprayer	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Spreader (concrete)	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Stake Hopper	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Stock Piler	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Tamper (multiple & Self-propelled)	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Timber Person - Sewer (lagger, Shorer & Cribber)	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Toolroom Person (at Jobsite)	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Topper	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Track Laborer	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Track Liner (power)	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Traffic Control Laborer	\$38.68	<u>7A</u>	<u>3I</u>	<u>8R</u>
Pierce	Laborers	Traffic Control Supervisor	\$38.68	<u>7A</u>	<u>3I</u>	<u>8R</u>
Pierce	Laborers	Truck Spotter	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Tugger Operator	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Tunnel Work-Compressed Air Worker 0-30 psi	\$64.99	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Pierce	Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$70.02	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Pierce	Laborers	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$73.70	<u>7A</u>	<u>3I</u>	<u>8Q</u>

Pierce	Laborers	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$79.40	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Pierce	Laborers	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$81.52	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Pierce	Laborers	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$86.62	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Pierce	Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$88.52	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Pierce	Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$90.52	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Pierce	Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$92.52	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Pierce	Laborers	Tunnel Work-Guage and Lock Tender	\$44.10	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Pierce	Laborers	Tunnel Work-Miner	\$44.10	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Pierce	Laborers	Vibrator	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Vinyl Seamer	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Watchman	\$32.87	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Welder	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Well Point Laborer	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Laborers	Window Washer/cleaner	\$32.87	<u>7A</u>	<u>3I</u>	
Pierce	Laborers - Underground Sewer & Water	General Laborer & Topman	\$42.67	<u>7A</u>	<u>3I</u>	
Pierce	Laborers - Underground Sewer & Water	Pipe Layer	\$43.46	<u>7A</u>	<u>3I</u>	
Pierce	Landscape Construction	Irrigation Or Lawn Sprinkler Installers	\$17.07		<u>1</u>	
Pierce	Landscape Construction	Landscape Equipment Operators Or Truck Drivers	\$14.55		<u>1</u>	
Pierce	Landscape Construction	Landscaping Or Planting Laborers	\$17.07		<u>1</u>	
Pierce	Lathers	Journey Level	\$52.32	<u>5D</u>	<u>1H</u>	
Pierce	Marble Setters	Journey Level	\$51.32	<u>5A</u>	<u>1M</u>	
Pierce	Metal Fabrication (In Shop)	Fitter	\$15.25		<u>1</u>	
Pierce	Metal Fabrication (In Shop)	Laborer	\$10.32		<u>1</u>	
Pierce	Metal Fabrication (In Shop)	Machine Operator	\$13.98		<u>1</u>	
Pierce	Metal Fabrication (In Shop)	Welder	\$13.98		<u>1</u>	
Pierce	Millwright	Journey Level	\$53.42	<u>5D</u>	<u>4C</u>	
Pierce	Modular Buildings	Journey Level	\$9.47		<u>1</u>	
Pierce	Painters	Journey Level	\$37.80	<u>6Z</u>	<u>2B</u>	
Pierce	Pile Driver	Journey Level	\$52.57	<u>5D</u>	<u>4C</u>	
Pierce	Plasterers	Journey Level	\$50.42	<u>7Q</u>	<u>1R</u>	
Pierce	Playground & Park Equipment Installers	Journey Level	\$9.73		<u>1</u>	
Pierce	Plumbers & Pipefitters	Journey Level	\$63.57	<u>5A</u>	<u>1G</u>	
Pierce	Power Equipment Operators	Asphalt Plant Operator	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Assistant Engineers	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>

Pierce	Power Equipment Operators	Barrier Machine (zipper)	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Batch Plant Operator: Concrete	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Bobcat	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Brokk - Remote Demolition Equipment	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Brooms	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Bump Cutter	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Cableways	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Chipper	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Compressor	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Concrete Finish Machine -laser Screed	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Conveyors	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$55.79	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Cranes, 200 Tons To 300 Tons, Or 250 Ft Of Boom (including Jib With Attachments)	\$56.36	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Cranes: 20 Tons Through 44 Tons With Attachments	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Cranes: A-frame - 10 Tons And Under	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Cranes: Friction 100 Tons Through 199 Tons	\$56.36	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Cranes: Friction Over 200 Tons	\$56.92	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Cranes: Over 300 Tons, Or 300' Of Boom (Including Jib With Attachments)	\$56.92	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Crusher	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Deck Engineer/deck Winches (power)	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Derricks, On Building Work	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>

Pierce	Power Equipment Operators	Dozers D-9 & Under	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Drill Oilers: Auger Type, Truck Or Crane Mount	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Drilling Machine	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Elevator And Man-lift: Permanent And Shaft Type	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Forklift: 3000 Lbs And Over With Attachments	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Forklifts: Under 3000 Lbs. With Attachments	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Gradechecker/stakeman	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Guardrail Punch	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Horizontal/directional Drill Locator	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Horizontal/directional Drill Operator	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Hydralifts/Boom Trucks Over 10 Tons	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Hydralifts/boom Trucks, 10 Tons And Under	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Loader, Overhead 8 Yards. & Over	\$55.79	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Loaders, Overhead Under 6 Yards	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Loaders, Plant Feed	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Loaders: Elevating Type Belt	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Locomotives, All	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Material Transfer Device	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$55.79	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Motor Patrol Grader - Non-finishing	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Motor Patrol Graders, Finishing	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Oil Distributors, Blower	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>

		Distribution & Mulch Seeding Operator				
Pierce	Power Equipment Operators	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Overhead, Bridge Type: 100 Tons And Over	\$55.79	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Pavement Breaker	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Pile Driver (other Than Crane Mount)	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Plant Oiler - Asphalt, Crusher	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Posthole Digger, Mechanical	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Power Plant	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Pumps - Water	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Quad 9, HD 41, D10 And Over	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Rigger And Bellman	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Rollagon	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Roller, Other Than Plant Mix	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Roller, Plant Mix Or Multi-lift Materials	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Roto-mill, Roto-grinder	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Saws - Concrete	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Scraper, Self Propelled Under 45 Yards	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Scrapers - Concrete & Carry All	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Scrapers, Self-propelled: 45 Yards And Over	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Service Engineers - Equipment	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Shotcrete/gunite Equipment	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Shovel , Excavator, Backhoe, Tractors Under 15 Metric Tons.	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$55.79	<u>7A</u>	<u>3C</u>	<u>8P</u>

Pierce	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$56.36	7A	3C	8P
Pierce	Power Equipment Operators	Slipform Pavers	\$55.24	7A	3C	8P
Pierce	Power Equipment Operators	Spreader, Topsider & Screedman	\$55.24	7A	3C	8P
Pierce	Power Equipment Operators	Subgrader Trimmer	\$54.75	7A	3C	8P
Pierce	Power Equipment Operators	Tower Bucket Elevators	\$54.33	7A	3C	8P
Pierce	Power Equipment Operators	Tower Crane Over 175'in Height, Base To Boom	\$56.36	7A	3C	8P
Pierce	Power Equipment Operators	Tower Crane Up: To 175' In Height, Base To Boom	\$55.79	7A	3C	8P
Pierce	Power Equipment Operators	Transporters, All Track Or Truck Type	\$55.24	7A	3C	8P
Pierce	Power Equipment Operators	Trenching Machines	\$54.33	7A	3C	8P
Pierce	Power Equipment Operators	Truck Crane Oiler/driver - 100 Tons And Over	\$54.75	7A	3C	8P
Pierce	Power Equipment Operators	Truck Crane Oiler/driver Under 100 Tons	\$54.33	7A	3C	8P
Pierce	Power Equipment Operators	Truck Mount Portable Conveyor	\$54.75	7A	3C	8P
Pierce	Power Equipment Operators	Welder	\$55.24	7A	3C	8P
Pierce	Power Equipment Operators	Wheel Tractors, Farmall Type	\$51.97	7A	3C	8P
Pierce	Power Equipment Operators	Yo Yo Pay Dozer	\$54.75	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Asphalt Plant Operator	\$55.24	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Assistant Engineers	\$51.97	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Barrier Machine (zipper)	\$54.75	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Batch Plant Operator: Concrete	\$54.75	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Bobcat	\$51.97	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Brokk - Remote Demolition Equipment	\$51.97	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Brooms	\$51.97	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Bump Cutter	\$54.75	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Cableways	\$55.24	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Chipper	\$54.75	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Compressor	\$51.97	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$55.24	7A	3C	8P
Pierce	Power Equipment Operators- Underground Sewer & Water	Concrete Finish Machine -laser Screed	\$51.97	7A	3C	8P

Pierce	Power Equipment Operators-Underground Sewer & Water	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Conveyors	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$55.79	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Cranes, 200 Tons To 300 Tons, Or 250 Ft Of Boom (including Jib With Attachments)	\$56.36	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Cranes: 20 Tons Through 44 Tons With Attachments	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Cranes: A-frame - 10 Tons And Under	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Cranes: Friction 100 Tons Through 199 Tons	\$56.36	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Cranes: Friction Over 200 Tons	\$56.92	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Cranes: Over 300 Tons, Or 300' Of Boom (Including Jib With Attachments)	\$56.92	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Crusher	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Deck Engineer/deck Winches (power)	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Derricks, On Building Work	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Dozers D-9 & Under	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Drill Oilers: Auger Type, Truck Or Crane Mount	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Drilling Machine	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Elevator And Man-lift: Permanent And Shaft Type	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Forklift: 3000 Lbs And Over With Attachments	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-	Forklifts: Under 3000 Lbs. With	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>

	Underground Sewer & Water	Attachments				
Pierce	Power Equipment Operators-Underground Sewer & Water	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Gradechecker/stakeman	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Guardrail Punch	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Horizontal/directional Drill Locator	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Horizontal/directional Drill Operator	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Hydralifts/Boom Trucks Over 10 Tons	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Hydralifts/boom Trucks, 10 Tons And Under	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Loader, Overhead 8 Yards. & Over	\$55.79	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Loaders, Overhead Under 6 Yards	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Loaders, Plant Feed	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Loaders: Elevating Type Belt	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Locomotives, All	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Material Transfer Device	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$55.79	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Motor Patrol Grader - Non-finishing	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Motor Patrol Graders, Finishing	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-	Overhead, Bridge Type Crane:	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>

	Underground Sewer & Water	20 Tons Through 44 Tons				
Pierce	Power Equipment Operators-Underground Sewer & Water	Overhead, Bridge Type: 100 Tons And Over	\$55.79	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Pavement Breaker	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Pile Driver (other Than Crane Mount)	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Plant Oiler - Asphalt, Crusher	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Posthole Digger, Mechanical	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Power Plant	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Pumps - Water	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Quad 9, HD 41, D10 And Over	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Rigger And Bellman	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Rollagon	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Roller, Other Than Plant Mix	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Roller, Plant Mix Or Multi-lift Materials	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Roto-mill, Roto-grinder	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Saws - Concrete	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Scraper, Self Propelled Under 45 Yards	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Scrapers - Concrete & Carry All	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Scrapers, Self-propelled: 45 Yards And Over	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Service Engineers - Equipment	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Shotcrete/gunite Equipment	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Shovel , Excavator, Backhoe, Tractors Under 15 Metric Tons.	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-	Shovel, Excavator, Backhoe:	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>

	Underground Sewer & Water	Over 30 Metric Tons To 50 Metric Tons				
Pierce	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$55.79	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$56.36	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Slipform Pavers	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Spreader, Toppersider & Screedman	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Subgrader Trimmer	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Tower Bucket Elevators	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Tower Crane Over 175'in Height, Base To Boom	\$56.36	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Tower Crane: Up To 175' In Height, Base To Boom	\$55.79	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Transporters, All Track Or Truck Type	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Trenching Machines	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Truck Crane Oiler/driver - 100 Tons And Over	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Truck Crane Oiler/driver Under 100 Tons	\$54.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Truck Mount Portable Conveyor	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Welder	\$55.24	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Wheel Tractors, Farmall Type	\$51.97	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Equipment Operators-Underground Sewer & Water	Yo Yo Pay Dozer	\$54.75	<u>7A</u>	<u>3C</u>	<u>8P</u>
Pierce	Power Line Clearance Tree Trimmers	Journey Level In Charge	\$45.75	<u>5A</u>	<u>4A</u>	
Pierce	Power Line Clearance Tree Trimmers	Spray Person	\$43.38	<u>5A</u>	<u>4A</u>	
Pierce	Power Line Clearance Tree Trimmers	Tree Equipment Operator	\$45.75	<u>5A</u>	<u>4A</u>	
Pierce	Power Line Clearance Tree Trimmers	Tree Trimmer	\$40.84	<u>5A</u>	<u>4A</u>	
Pierce	Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$30.74	<u>5A</u>	<u>4A</u>	
Pierce	Refrigeration & Air Conditioning Mechanics	Mechanic	\$64.86	<u>5A</u>	<u>1G</u>	
Pierce	Residential Brick Mason	Journey Level	\$23.77		<u>1</u>	

Pierce	Residential Carpenters	Journey Level	\$40.14	<u>5D</u>	<u>4C</u>	
Pierce	Residential Cement Masons	Journey Level	\$52.38	<u>7A</u>	<u>1M</u>	
Pierce	Residential Drywall Applicators	Journey Level	\$40.14	<u>5D</u>	<u>4C</u>	
Pierce	Residential Drywall Tapers	Journey Level	\$52.37	<u>5P</u>	<u>1E</u>	
Pierce	Residential Electricians	JOURNEY LEVEL	\$29.29		<u>1</u>	
Pierce	Residential Glaziers	Journey Level	\$37.30	<u>7L</u>	<u>1H</u>	
Pierce	Residential Insulation Applicators	Journey Level	\$18.70		<u>1</u>	
Pierce	Residential Laborers	Journey Level	\$20.99		<u>1</u>	
Pierce	Residential Marble Setters	Journey Level	\$22.67		<u>1</u>	
Pierce	Residential Painters	Journey Level	\$26.13		<u>1</u>	
Pierce	Residential Plumbers & Pipefitters	Journey Level	\$44.27	<u>5A</u>	<u>1G</u>	
Pierce	Residential Refrigeration & Air Conditioning Mechanics	Journey Level	\$37.72	<u>5A</u>	<u>1G</u>	
Pierce	Residential Sheet Metal Workers	Journey Level (Field or Shop)	\$42.58	<u>7F</u>	<u>1R</u>	
Pierce	Residential Soft Floor Layers	Journey Level	\$42.41	<u>5A</u>	<u>3D</u>	
Pierce	Residential Sprinkler Fitters (Fire Protection)	Journey Level	\$42.48	<u>5C</u>	<u>2R</u>	
Pierce	Residential Stone Masons	Journey Level	\$22.67		<u>1</u>	
Pierce	Residential Terrazzo Workers	Journey Level	\$9.47		<u>1</u>	
Pierce	Residential Terrazzo/Tile Finishers	Journey Level	\$19.32		<u>1</u>	
Pierce	Residential Tile Setters	Journey Level	\$9.47		<u>1</u>	
Pierce	Roofers	Journey Level	\$45.12	<u>5A</u>	<u>2O</u>	
Pierce	Roofers	Using Irritable Bituminous Materials	\$48.12	<u>5A</u>	<u>2O</u>	
Pierce	Sheet Metal Workers	Journey Level (Field or Shop)	\$70.37	<u>7F</u>	<u>1E</u>	
Pierce	Shipbuilding & Ship Repair	Boilermaker	\$39.82	<u>7M</u>	<u>1H</u>	
Pierce	Shipbuilding & Ship Repair	Carpenter	\$33.71	<u>6E</u>	<u>1B</u>	
Pierce	Shipbuilding & Ship Repair	Electrician	\$33.71	<u>6E</u>	<u>1B</u>	
Pierce	Shipbuilding & Ship Repair	Heat & Frost Insulator	\$61.18	<u>5J</u>	<u>1S</u>	
Pierce	Shipbuilding & Ship Repair	Laborer	\$19.10		<u>1</u>	
Pierce	Shipbuilding & Ship Repair	Machinist	\$33.71	<u>6E</u>	<u>1B</u>	
Pierce	Shipbuilding & Ship Repair	Operator	\$33.71	<u>6E</u>	<u>1B</u>	
Pierce	Shipbuilding & Ship Repair	Painter	\$38.74	<u>6A</u>	<u>1R</u>	
Pierce	Shipbuilding & Ship Repair	Pipefitter	\$33.71	<u>6E</u>	<u>1B</u>	
Pierce	Shipbuilding & Ship Repair	Rigger	\$15.77		<u>1</u>	
Pierce	Shipbuilding & Ship Repair	Sandblaster	\$38.74	<u>6A</u>	<u>1R</u>	
Pierce	Shipbuilding & Ship Repair	SHEET METAL	\$35.83		<u>1</u>	
Pierce	Shipbuilding & Ship Repair	Shipfitter	\$33.71	<u>6E</u>	<u>1B</u>	
Pierce	Shipbuilding & Ship Repair	Trucker	\$15.75		<u>1</u>	
Pierce	Shipbuilding & Ship Repair	Warehouse	\$13.75		<u>1</u>	
Pierce	Shipbuilding & Ship Repair	Welder/burner	\$33.71	<u>6E</u>	<u>1B</u>	
Pierce	Sign Makers & Installers	Sign Installer	\$26.17		<u>1</u>	

	(Electrical)					
Pierce	Sign Makers & Installers (Electrical)	Sign Maker	\$20.33		<u>1</u>	
Pierce	Sign Makers & Installers (Non-Electrical)	Sign Installer	\$33.43		<u>1</u>	
Pierce	Sign Makers & Installers (Non-Electrical)	Sign Maker	\$22.79		<u>1</u>	
Pierce	Soft Floor Layers	Journey Level	\$42.41	<u>5A</u>	<u>3D</u>	
Pierce	Solar Controls For Windows	Journey Level	\$10.31		<u>1</u>	
Pierce	Sprinkler Fitters (Fire Protection)	Journey Level	\$69.74	<u>5C</u>	<u>1X</u>	
Pierce	Stage Rigging Mechanics (Non Structural)	Journey Level	\$13.23		<u>1</u>	
Pierce	Stone Masons	Journey Level	\$51.32	<u>5A</u>	<u>1M</u>	
Pierce	Street And Parking Lot Sweeper Workers	Journey Level	\$12.06		<u>1</u>	
Pierce	Surveyors	All Classifications	\$35.68	<u>Null</u>	<u>1</u>	
Pierce	Telecommunication Technicians	Journey Level	\$28.29		<u>1</u>	
Pierce	Telephone Line Construction - Outside	Cable Splicer	\$36.96	<u>5A</u>	<u>2B</u>	
Pierce	Telephone Line Construction - Outside	Hole Digger/Ground Person	\$20.49	<u>5A</u>	<u>2B</u>	
Pierce	Telephone Line Construction - Outside	Installer (Repairer)	\$35.40	<u>5A</u>	<u>2B</u>	
Pierce	Telephone Line Construction - Outside	Special Aparatus Installer I	\$36.96	<u>5A</u>	<u>2B</u>	
Pierce	Telephone Line Construction - Outside	Special Apparatus Installer II	\$36.19	<u>5A</u>	<u>2B</u>	
Pierce	Telephone Line Construction - Outside	Telephone Equipment Operator (Heavy)	\$36.96	<u>5A</u>	<u>2B</u>	
Pierce	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$34.34	<u>5A</u>	<u>2B</u>	
Pierce	Telephone Line Construction - Outside	Telephone Lineperson	\$34.34	<u>5A</u>	<u>2B</u>	
Pierce	Telephone Line Construction - Outside	Television Groundperson	\$19.45	<u>5A</u>	<u>2B</u>	
Pierce	Telephone Line Construction - Outside	Television Lineperson/Installer	\$25.89	<u>5A</u>	<u>2B</u>	
Pierce	Telephone Line Construction - Outside	Television System Technician	\$30.97	<u>5A</u>	<u>2B</u>	
Pierce	Telephone Line Construction - Outside	Television Technician	\$27.77	<u>5A</u>	<u>2B</u>	
Pierce	Telephone Line Construction - Outside	Tree Trimmer	\$34.34	<u>5A</u>	<u>2B</u>	
Pierce	Terrazzo Workers	Journey Level	\$46.96	<u>5A</u>	<u>1M</u>	
Pierce	Tile Setters	Journey Level	\$46.96	<u>5A</u>	<u>1M</u>	
Pierce	Tile, Marble & Terrazzo Finishers	Journey Level	\$20.74		<u>1</u>	

Pierce	Traffic Control Stripers	Journey Level	\$43.11	<u>7A</u>	<u>1K</u>	
Pierce	Truck Drivers	Asphalt Mix	\$22.49		<u>1</u>	
Pierce	Truck Drivers	Dump Truck	\$22.56		<u>1</u>	
Pierce	Truck Drivers	Dump Truck And Trailer	\$22.56		<u>1</u>	
Pierce	Truck Drivers	Other Trucks	\$30.20		<u>1</u>	
Pierce	Truck Drivers	Transit Mixer	\$33.17	<u>6I</u>	<u>2H</u>	
Pierce	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$16.09		<u>1</u>	
Pierce	Well Drillers & Irrigation Pump Installers	Oiler	\$15.39		<u>1</u>	
Pierce	Well Drillers & Irrigation Pump Installers	Well Driller	\$18.30		<u>1</u>	

Benefit Code Key – Effective 3-4-2015 thru 9-1-2015

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.

Benefit Code Key – Effective 3-4-2015 thru 9-1-2015

1. 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.
- 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.

Benefit Code Key – Effective 3-4-2015 thru 9-1-2015

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.

Benefit Code Key – Effective 3-4-2015 thru 9-1-2015

3.
 - 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.
 - D. 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 15% over the hourly rate of wage. All other hours worked after 6:00 am 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.
 - 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.
 - I. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. In the event the job is down due to weather conditions during a five day work week (Monday through Friday,) or a four day-ten hour work week (Tuesday through Friday,) 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 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.
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.

Benefit Code Key – Effective 3-4-2015 thru 9-1-2015

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.

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.

- 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.

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).

Benefit Code Key – Effective 3-4-2015 thru 9-1-2015

- 5. 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).
- 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, Day 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).

Benefit Code Key – Effective 3-4-2015 thru 9-1-2015

6. 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.

Holiday Codes Continued

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.

Benefit Code Key – Effective 3-4-2015 thru 9-1-2015

7. 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.
- 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.

Note Codes

8. A. In addition to the hourly wage and fringe benefits, the following 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 100' To 150' -\$3.00 per Foot for Each Foot Over 100 Feet
Over 150' To 220' -\$4.00 per Foot for Each Foot Over 150 Feet
Over 220' -\$5.00 per Foot for Each Foot Over 220 Feet

Benefit Code Key – Effective 3-4-2015 thru 9-1-2015

8. C. In addition to the hourly wage and fringe benefits, the following depth premiums apply to depths of fifty feet or more:
Over 50' To 100' -\$1.00 per Foot for Each Foot Over 50 Feet
Over 100' To 150' -\$1.50 per Foot for Each Foot Over 100 Feet
Over 150' To 200' -\$2.00 per Foot for Each Foot Over 150 Feet
Over 200' -Divers May Name Their Own Price
- 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.
- R. 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.
- 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.