

THE CITY AND BOROUGH OF JUNEAU

CBJ
Engineering Department - Contracts Division
155 South Seward Street
Juneau, Alaska 99801

Telephone: (907) 586-0490 Facsimile: (907) 586-4530

REQUEST FOR QUOTE

Number: **RFQ E 12-072**

This number must appear on all related
correspondence

Date: 03-Aug-11

Quotes Are Due Prior To:

2:00 pm 12-Aug-11

Department

Engineering

Division

Contracts

Project Name **Lemon Creek Fire Hydrant**

1. BIDDER NAME AND MAILING ADDRESS:

2. BIDDER CONTACT INFORMATION:

Fax No: _____

Telephone No: _____

Contact Name: _____

3. The Contractor shall provide all labor, equipment, materials and perform all Work for removal of approximately eighteen feet of twelve inch water pipe and the installation of a new fire hydrant and pad. The remaining twelve inch water pipe will be capped and include the installation of a thrust block. The project will include excavation of existing valve to verify the operational condition and include the replacement of the existing valve box. The fire hydrant will be installed using a tapping saddle, tapped off of the twelve inch water pipe as shown on the attached plans. The final slope shall be armored with 6" – 12" shot rock slope protection. The project will include removing and replacing approximately twenty square-feet of asphalt sidewalk, base course and other miscellaneous related work items necessary to complete the work as shown on the attached plans.

LUMP SUM \$ _____

4. Addenda Received

Bidder has examined the bid documents, including the following addenda (receipt of all of which is hereby acknowledged by the undersigned). Give number and date of each addenda. Failure to acknowledge receipt of all addenda may cause the quote to be non-responsive and may cause its rejection. If there are no addenda, "none" or "0" must be filled out.

Addenda No.

Date Issued

5.

Bidder's Signature

Please Print Name

6. Title

7. Alaska Contractor's and
Business License No.'s

8. Date

NOTE: Bidder must complete Items 1 through 8.

Return this form and all required data via fax or deliver to the CBJ
Engineering Department, Contracts Division - 3rd Floor Marine View
Center



**CITY AND BOROUGH OF JUNEAU (CBJ)
REQUEST for QUOTES (RFQ)**

**Lemon Creek Fire Hydrant
RFQ No. E12-072**

QUOTES ARE DUE PRIOR TO 2:00 p.m., August 12, 2011

RESPONDING TO THIS REQUEST FOR QUOTES. Quotes may be hand-delivered, or faxed, to the attention of Janet Sanbei, CBJ Engineering, Contracts Office, 3rd Floor, Marine View Center at 230 South Franklin Street. The Engineering Department Contracts Division fax number is 907-586-4530. Emailed quotes will be accepted if they are emailed to eng_contracts@ci.juneau.ak.us, received and printed prior to the deadline stated above. It is strongly recommended that Bidders call (907) 586-0490 to confirm receipt of faxed or emailed quotes.

SCOPE OF WORK. The Contractor shall provide all labor, equipment, materials and perform all Work for removal of approximately eighteen feet of twelve inch water pipe and the installation of a new fire hydrant and pad. The remaining twelve inch water pipe will be capped and include the installation of a thrust block. The project will include excavation of existing valve to verify the operational condition and include the replacement of the existing valve box. The fire hydrant will be installed using a tapping saddle, tapped off of the twelve inch water pipe as shown on the attached plans. The final slope shall be armored with 6" – 12" shot rock slope protection. The project will include the removal and replacement of the asphalt sidewalk to verify the existing valve condition and install a new valve box. and will include base course and other miscellaneous related work items necessary to complete the work as shown on the attached plans.

All Work shall be in accordance with the CBJ Standard Details, 3rd Edition, April 2000 and the Standard Specifications for Civil Engineering Projects and Subdivision Improvements, December 2003 Edition, and current errata, unless otherwise indicated in this RFQ document.

LOCATION OF THE PROJECT. The Project is located on Glacier Highway, near Anka Street, in Lemon Creek, Alaska.

COMPLETION TIME FOR THE WORK. The Contractor shall have until September 30, 2011, to complete all Work as described.

SITE INSPECTION. Bidders are encouraged to visit the Project site prior to submitting a bid for this Work. Failure to visit the site shall in no way relieve the Contractor of its responsibility to perform the Work in compliance with the terms and specifications of this Contract.

QUALITY OF WORK. The Contractor shall employ workers and craftspeople qualified in the necessary trades. All Work shall conform to the drawings and specifications, industry standards and practices, and the manufacturer's requirements. The Contractor shall be responsible for the supervision and control of all Work; the safety of the workers; and assurance that the quality of Work and character of workers conform to all applicable laws and regulations.

QUALIFICATIONS. By submitting a quote the Contractor warrants that it is qualified to perform the Work described in accordance with all applicable codes, standards, and regulations. The

Contractor shall, upon request by the CBJ, provide all documentation showing the Contractor's qualifications and/or registrations necessary for completion of the Project.

QUOTES. A Quote for the Work will not be accepted from a Contractor who does not hold a valid Alaska Business License and a valid Contractor's license in Alaska (applicable to the type of Work bid upon) at the time of opening Bids. **The CBJ's procurement code requires that Request for Quotes be used for projects estimated to not exceed \$50,000.00 in total cost.** If a quote is submitted for an amount exceeding \$50,000.00, it shall be considered non-responsive.

AWARD. Award of this Quote, if it is awarded, will be on the basis of materials and equipment described in these RFQ documents and will be made to the lowest responsive, responsible Bidder whose Bid complies with all the requirements prescribed.

CONTRACTOR'S RESPONSIBILITIES. The Contractor shall designate a Construction Superintendent, or designee, who shall serve as the Contractor's point of contact and be in full charge of the Work, ensuring that construction is performed in a safe and professional manner. Unless otherwise approved in writing by the Owner's Project Representative, the Construction Superintendent shall acknowledge and accept, on behalf of the Contractor, all written change orders, directives, approval, or rejection notices.

The Contractor shall have sole responsibility for the means, methods, sequences, or procedures of construction and safety precautions related thereto. The Contractor shall conduct all Work in such a manner as to protect CBJ resources.

For the tap the Contractor shall supply a Romac SST, Stainless Steel Tapping sleeve or approved equal and a Six-inch flanged, mechanical joint valve.

CBJ Water Utility will do the tap. The Contractor shall schedule the water tap with the CBJ Water Utility 48 hours prior to commencing the tap.

Prior to commencing the tap the Contractor shall bolt six-inch flanged, mechanical joint valve to the tapping saddle and shall ensure the twelve-inch pipe is live, restrained and partially buried.

The Contractor shall comply with all applicable laws, regulations, codes, and ordinances. In addition, the Contractor shall obtain applicable licenses and permits, unless directed otherwise; provide supervision, labor, tools and new materials, unless directed otherwise.

Contractor shall comply with the following:

On CBJ construction Projects, the CBJ may make unclassified material available to Contractors, from the CBJ/State Lemon Creek gravel pit, at a rate less than charged other customers. Contractors are not required to use material from the CBJ/State pit and the CBJ makes no guarantee as to the quantity or quality of the available material. For this Project, the price shall be \$1.90 per ton.

Contractors proposing to use gravel from the CBJ/State pit are required to be in good standing for all amounts owed to the CBJ, for previous gravel operations, prior to submitting a mining plan for approval. Contractors using the pit must comply with Allowable Use Permit USE 98-00047. Failure to meet these requirements, if so subject, shall be sufficient reason to deny use of the CBJ/State pit as a gravel source. To determine if your company is subject to these requirements, contact the CBJ Engineering Department, Gravel Pit Management, at 907-586-0481.

Contractors deciding to use material from the CBJ/State pit shall provide an Individual Mining Plan prepared by a professional engineer registered in the State of Alaska. The Individual Mining Plan must be reviewed and approved by the CBJ, prior to commencing operations within the pit.

Contractors shall also secure a Performance Bond to ensure compliance with contract provisions, including any Individual Mining Plan stipulations. The bond shall remain in full force and effect until a release is obtained from the CBJ.

If Contractor operations for a Project do not exceed 500 tons of material, the Contractor will not be required to provide an Individual Mining Plan prepared by a registered Engineer; however, the Contractor must submit an Individual Mining Plan that is in compliance with Allowable Use Permit USE 98-00047 for gravel extraction within the CBJ/State pit. The Contractor must contact the CBJ Engineering Department for conditions for the extraction.

Contractors using the CBJ material may do primary dry separation (screening) of materials within the pit. Crushing and washing of material will not be allowed. Contractors shall account for placement of materials removed from the pit. The CBJ may require Contractors to cross-check weight tickets, submit to an audit, or participate in other measures required by the CBJ to ensure accountability. Unprocessed overburden removed from the pit will not be weighed. All other material mined will be weighed at the CBJ scale. Contractors will be responsible for loading and/or screening their own material. If asphalt pavement is removed as part of the Work, Contractors shall dispose of the material at a to-be-specified location within the pit area, as directed by the CBJ Project Manager.

The gravel pit overhead charge shall be paid to the CBJ by the Contractor within 60 days after removal of all materials from the pit and prior to requesting and/or receiving final payment. Upon completion of each excavation Contractors shall notify the CBJ, in writing, in sufficient time to perform a field-compliance examination prior to vacating the pit. Any significant deviation from the stipulations of the Individual Mining Plan identified during the field inspection shall be corrected by the Contractor prior to release of the bond. A signed release from CBJ will be required prior to releasing the Contractor's bond.

If asphalt pavement is removed as part of this Work, the Contractor shall dispose of the material at the location designated as the Asphalt Storage Facility, or as directed by the Engineer.

The CBJ/State gravel pit is a seasonal operation. The hours of operation are from 7:00am to 6:00pm, Monday through Friday, from April 1 through October 15 of the year. Contractors may obtain gravel on weekends, or during the off-season, by applying for a separate agreement with the City and Borough Engineering Department. The Contractor will be responsible for any additional costs incurred during weekend or off-season operations at the gravel pit.

PERMITS. A CBJ Right-of-Way permit and AK DOT Permit have been issued. The Contractor will be responsible for complying with conditions of these permits and scheduling all required inspections with the CBJ Permit Center at 586-1703 (Inspection Request number).

SUBCONTRACTING. If this project will have subcontractors, the Contractor shall submit a list of Subcontractors who will be working on the project (form attached to the end of this RFQ), and to comply with Alaska Department of Labor Wage and Hour requirements and the Alaska Employment Security Act. The Employment Security Tax Clearance form will be issued with the Notice to Proceed.

CANCELLATION. The CBJ, as Owner, reserves the sole right to cancel this Contract, in whole or in part, immediately, in the event of the Contractor's failure to perform the Work in conformance with these Contract Documents.

CONTRACT ADMINISTRATION AND ACCEPTANCE. The CBJ, through its authorized representative, will perform the Contract Administration and Inspection for this Work. The CBJ

reserves the right to determine the acceptability of the finished Project. Should the Contractor fail to meet the required specifications, the Contractor shall immediately complete the Project as specified, at no additional cost to the CBJ.

COMPENSATION. The Contractor shall be paid on a lump sum basis, upon satisfactory completion and acceptance of the Work by the CBJ and notification by the State Department of Labor that the Contractor has complied with its requirements.

LIABILITY AND INSURANCE REQUIREMENTS.

Liability. The Contractor shall hold and save the CBJ, its officers, agents, and employees harmless from liability of any nature. This includes any costs, expenses, suits or damages of any kind sustained by any person(s) or property by any virtue of performance resulting from the Project, unless arising from carelessness or negligence by the CBJ, which will be apportioned on a comparative fault basis.

Insurance Requirements. The Contractor shall provide evidence of insurance with a carrier or carriers satisfactory to the CBJ, covering injury to persons and/or property suffered by the CBJ or a third party, as a result of operations under this contract by the Contractor or by any Subcontractor. This coverage will also provide protection against injuries to all employees of the Contractor and the employees of any Subcontractor engaged in Work under this contract. The delivery to the CBJ of a written 30-day notice is required before cancellation of any coverage or reduction in any limits of liability. Insurance carriers providing coverage shall have an A.M. Best rating of at least A-VII. The Contractor shall maintain in force at all time, during the performance of Work under this contract, the following policies of insurance. **“The CBJ shall be named as additional insured for any and all work performed for the CBJ.”** (Additional insured requirements not required for Worker's Compensation coverage.) Proof of this insurance is required before the final bid award.

1. **Workers' Compensation Insurance.** The Contractor, if subject to the provisions of the Alaska Workers' Compensation Act (AS 23.30), will provide the CBJ and the State of Alaska with proof, furnished by the insurance carrier, of current coverage for workers compensation with an insurance company or association authorized to transact such business in the State of Alaska, or an approved current certification of self-insurance by the Alaska Workers' Compensation Board. The Contractor further acknowledges and agrees that in the event it fails to maintain proper Workers' Compensation coverage, the State will implement the provisions of AS 23.30.045 8 and CBJ, at its option, may terminate this agreement for cause without liability.
 - a. **Employers Liability**

Bodily Injury by Accident:	\$100,000.00 Each Accident
Bodily Injury by Disease:	\$100,000.00 Each Employee
Bodily Injury by Disease:	\$500,000.00 Policy Limit
 - b. The Contractor agrees to waive all rights of subrogation against the Owner for Work performed under the contract.
 - c. If the Contractor directly utilizes labor outside of the State of Alaska in the prosecution of the Work, "Other States" endorsement shall be required as a condition of the contract.
2. **Commercial General Liability Insurance.** Such insurance shall cover all operations by, or on behalf of, the Contractor providing insurance for bodily injury and property damage liability including coverage for premises and operations, products and completed operations, contractual liability, broad form property damage, and personal injury liability.

The minimum limits of liability shall be:

\$1,000,000 each occurrence for General Liability and Products/Completed Operations;
\$1,000,000 for Personal Injury Liability;
\$2,000,000 Aggregate for Products-Completed Operations;
\$2,000,000 General Aggregate.

3. Business Automobile Insurance.

\$1,000,000 per accident, combined single limit, covering owned, non-owned and hired automobiles.

The City and Borough of Juneau shall be named as an "Additional Insured" under all liability coverages listed above.

TITLE 36 (Little Davis-Bacon) REQUIREMENTS. If your quote exceeds \$2,000.00 and you subcontract or employ anyone to perform any of the Work, the following will apply:

State of Alaska, Department of Labor, Laborers' and Mechanics' Minimum Rates of Pay, AS 36.05.010 and AS 36.05.050, Wage and Hour Administration Pamphlet No. 600, the latest edition published by the State of Alaska, Department of Labor inclusive, are made a part of this contract by reference.

The CONTRACTOR is responsible for contacting the Alaska Department of Labor to determine compliance with current regulations.

Correspondence regarding Title 36 requirements may be submitted electronically or paper copies can be submitted by mail. To submit Title 36 documents electronically, go to <https://myalaska.state.ak.us/home/app>. If filing electronically, submit certified payrolls to ADOL at the website above and email a copy of all certified payrolls to Jennifer Mannix at the email address below. If Contractor elects to submit paper copies, they should be submitted to the physical addresses below.

Within 10 Days of "Notice of Award/Notice to Proceed" make a list of all Subcontractors. Include their name, address, phone, estimated subcontract amount, and estimated start and finish dates. Send this list to the Wage and Hour Section (contact information below).

Certified Payrolls must be submitted every two weeks. Before the second Friday, each CONTRACTOR and Subcontractor must file Certified Payrolls with Statements of Compliance for the previous two weeks. Indicate **"Start"** on your first payroll, and **"Final"** on your last payroll for this Project.

As part of the **final payment request package**, CONTRACTOR must submit a "NOTICE OF COMPLETION OF PUBLIC WORKS" form signed by ADOL personnel.

Contact Information:

Wage and Hour Section
State of Alaska
Department of Labor and Workforce Development
Labor Standards and Safety Division and
Wage and Hour Administration
P.O. Box 11149
Juneau, AK 99811-1149
907-465-4842
<http://labor.state.ak.us/lss/home.htm>

Jennifer Mannix, Contract Administrator
City and Borough of Juneau
155 S. Seward Street
Juneau, AK 99801
(907) 586-0873
jennifer_mannix@ci.juneau.ak.us

If you need additional information, contact the State of Alaska, Department of Labor at 465-4842.

QUESTIONS CONCERNING THE WORK. Contact Jennifer Mannix, Contract Administrator at 907-586-0873, or email: jennifer_mannix@ci.juneau.ak.us.

FINAL PAYMENT. Prior to final payment of the final 5% of this contract, the Contractor must submit the following documents:

1. Employment Security Tax Clearance for the Contractor and each Subcontractor from Alaska Department of Labor, Juneau Field Tax Office – (form to be provided with Notice to Proceed)
2. Compliance Certificate and Release Form – (form to be provided with Notice to Proceed)
3. Approved Notice of Completion of Public Works (from DOL)

AS-BUILT PLANS. This request for bids may include a portion of an as-built plan. As-built plans are prepared from the best available information; however, the plans may not reflect actual utility locations. The CBJ is not responsible for costs incurred by the Contractor due to any discrepancy in the as-built plans.

DRAWING INDEX/STANDARD DETAILS

Drawings

Lemon Creek Fire Hydrant – E12-072

Standard Specifications

403	Fire Hydrant
405	Hydrant Pad
407	Mainline Valve

Standard Terms and Conditions

Examination of Quote Documents: Each bidder shall thoroughly examine and be familiar with all the documents and any addenda to those documents. The submission of an Quote shall constitute an acknowledgment that the bidder has thoroughly examined and is familiar with the Request For Quote (RFQ) documents. The failure or neglect of a bidder to receive or examine any of the Quote documents shall in no way relieve that bidder from any obligations with respect to that bidder's proposal, or to the contract. Misinterpretation or a claimed lack of knowledge concerning the Quote will not serve as a basis for a claim for additional compensation.

Interpretation of Quote Documents: Comments concerning defects, questionable or objectionable material and requests for interpretation must be made in writing and received by the CBJ Engineering Department, Contracts Office. If required, amendments to the Quote documents will be in the form of an addenda and, when issued, will be sent as promptly as is practical to all parties to whom the RFQ documents have been issued. All such addenda shall become part of the contract. Request must be sent to the CBJ Engineering Department, Contracts Office, 155 South Seward Street, Juneau, Alaska 99801.

Preparation of Quote: Quote must be submitted on the RFQ forms provided, or copies thereof, and be completed in all respects as required by the RFQ documents. Each Quote shall include all information requested, and be manually signed in ink.

Addenda: Each Quote shall include acknowledgment in the space provided (Item 2), in the RFQ form, receipt of all addenda issued during the bidding period. Failure to acknowledge all addenda may result in the proposal being rejected as not responsive. It shall be the bidder's responsibility to inquire about addenda issued.

Qualification of Bidders: Each bidder shall be skilled and regularly engaged in the general class or type of work called for under the contract. If requested by the CBJ Engineering Department, the **low bidder** shall submit resumes, documentation or information explaining, illustrating, or demonstrating the experience of the firm, and its key personnel who will be assigned to this contract.

Specifications: Unless otherwise specified in the RFQ, product brand names or model numbers specified in this RFQ are examples of the type and quality of product required, and are not statements of preference. If the specifications describing an item conflict with a brand name or model number describing the item, the specifications govern.

Reference to brand name or number does not preclude an offer of a comparable or better product, if full specifications and descriptive literature is provided for the product. Failure to provide such specifications and descriptive literature may be cause for rejection of the offer.

Quote Prices: The bid prices shall include everything necessary for the fulfillment of the contract, including, but not limited to, furnishing all materials, equipment and labor, except as may be provided otherwise in the contract documents. Price bid must be in U.S. Funds.

Additional Units on RFQ Award: The CBJ may from time to time request additional units above the amount stated in the RFQ, realizing that additional orders constituting more than 25% of the amount stated in the RFQ would be with the concurrence of the Contractor.

Extension of Prices: In case of error in the extension of prices in the Quote, the unit prices will govern; in a lot bid, the lot prices will govern.

Firm Offer: For the purpose of award, offers made in accordance with this RFQ must be held firm for a period of ninety (90) days from the date of RFQ opening.

Contract Extensions: Unless otherwise provided in the RFQ, the CBJ and successful bidder/Contractor agrees: (1) that any holding over of the contract excluding any exercised renewal options, will be considered as a month-to-month extension, and all other terms and conditions shall remain in full force and effect, and (2) to provide written notice to the other party of the intent to cancel such month-to-month extension.

Default: In case of default by the Contractor, for any reason whatsoever, the CBJ may procure the goods or services from another source and hold the Contractor responsible for any resulting excess cost and may seek other remedies under law or equity.

Billing Instructions: Except as specifically allowed under the RFQ, invoices must be billed to the Engineering Department, as noted on the purchase order. The ordering agency will approve for payment after it receives the merchandise or service and all conditions of the RFQ have been met.

Equal Employment Opportunity: The CBJ is an affirmative action purchaser and encourages small and disadvantaged businesses to submit bids.

Rejection of Quotes: The CBJ reserves the right to reject any or all bids and to determine which bid, if any, should be accepted in the best interest of the CBJ. The CBJ reserves the right to waive any Informality in a quote.

Fax/Email Disclaimer: It is the responsibility of the bidder to respond in a timely manner. Bidders' use of a facsimile machine or email shall be at bidders' sole risk. The CBJ will attempt to keep its facsimile machine and email system in good working order but will not be responsible for bids that are late due to mechanical failure, a busy facsimile machine, or any other technical issue arising from bidders' use of a facsimile machine or email, even if bidder submits a transmission report or provides other confirmation indicating that the bidder transmitted a bid before the submittal deadline. Bidders are therefore strongly encouraged to confirm receipt of their bid with the CBJ prior to submittal deadline.

INDEMNIFICATION: Contractor agrees to defend, indemnify, and hold harmless CBJ, its employees, volunteers, consultants, and insurers, with respect to any action, claim, or lawsuit arising out of the Contractor's performance of this contract, without limitation as to the amount of fees, and without limitation as to any damages resulting from settlement, judgment, or verdict, and includes the award of any attorneys fees even if in excess of Alaska Civil Rule 82. This indemnification agreement applies to the fullest extent permitted by law and is in full force and effect whenever and wherever any action, claim, or lawsuit is initiated, filed, or otherwise brought against CBJ relating to this contract. The obligations of Contractor arise immediately upon actual or constructive notice of any action, claim, or lawsuit. CBJ shall notify Contractor in a timely manner of the need for indemnification, but such notice is not a condition precedent to Contractor's obligations and may be waived where the Contractor has actual notice.

JUNEAU BUSINESS SALES AND PERSONAL PROPERTY TAX: Vendors/merchants conducting business within the City are required by law to register with, and periodically report to, the City for sales and property taxes. Vendors/merchants must be in good standing with the City prior to award, and prior to any contract renewal and in any event no

later than five business days following notification by the City of intent to award or renew. **Good standing** means: all amounts owed to the City are paid in full, including Confession of Judgments; and vendor/merchant is current in reporting (sales tax filings, business personal property declarations).

Failure to meet these requirements, if so subject, shall be cause for rejection of your proposal and/or contract renewal. To determine if your business is in good standing, or for further information, contact the City Finance Department's Sales Tax Division, at (907) 586-5265, concerning sales tax and/or Treasury Division, at (907) 586-5268, concerning business personal property and real property tax.

RESPONSIBLE BIDDER. Only responsive Bids from responsible Bidders will be considered. A Bid submitted by a Bidder determined to be not responsible may be rejected. A responsible Bidder is one who is considered to be capable of performing the WORK.

NON-RESPONSIVE BIDS. Only responsive Bids will be considered. Bids may be considered non-responsive and may be rejected. Some of the reasons a Bid may be rejected for being non-responsive are:

- If a Bid is received after the Deadline for Bids.
- If the Bid is on a form other than that furnished by the OWNER, or legible copies thereof; or if the form is altered or any part thereof is detached; or if the Bid is improperly signed.
- If there are unauthorized additions, conditional or alternate Bids, or irregularities of any kind which may tend to make the bid incomplete, indefinite, ambiguous as to its meaning, or in conflict with the OWNER's Bid document.
- If the Bid does not contain a Unit Price for each pay item listed, except in the case of authorized alternate pay items.
- If the Bidder has not acknowledged receipt of each Addendum.
- If any of the Unit Prices Bid are excessively unbalanced (either above or below the amount of a reasonable Bid) to the potential detriment of the OWNER.

LIST OF SUBCONTRACTORS (AS 36.30.115)

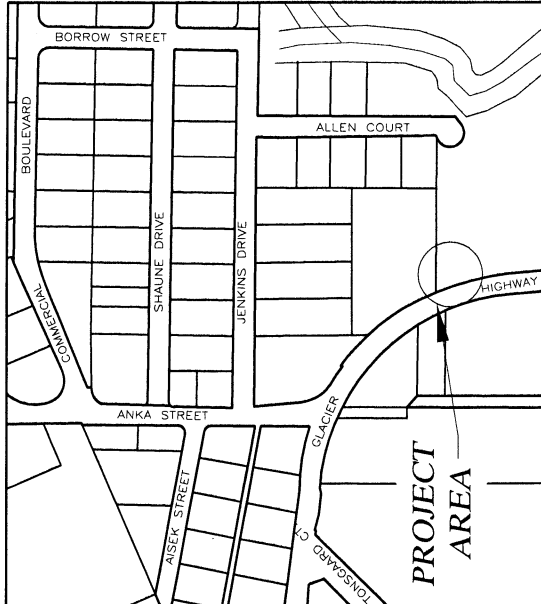
RFQ No. E12-072 – Lemon Creek Fire Hydrant

SUBCONTRACTOR ADDRESS	¹ AK Contractor License No. ² AK Business	¹ Contact Name ² Phone Number	Type of Work	Contract Amount	DBE?
1. _____ _____ _____	¹ _____ ² _____	_____ _____	_____ _____	\$ _____	<input type="checkbox"/>
2. _____ _____ _____	¹ _____ ² _____	_____ _____	_____ _____	\$ _____	<input type="checkbox"/>
3. _____ _____ _____	¹ _____ ² _____	_____ _____	_____ _____	\$ _____	<input type="checkbox"/>
4. _____ _____ _____	¹ _____ ² _____	_____ _____	_____ _____	\$ _____	<input type="checkbox"/>

I certify that the above listed Alaska Business License(s) and CONTRACTOR Registration(s), if applicable, were valid at the time Bids were opened for this Project.

CONTRACTOR, Authorized Signature

CONTRACTOR, Printed Name

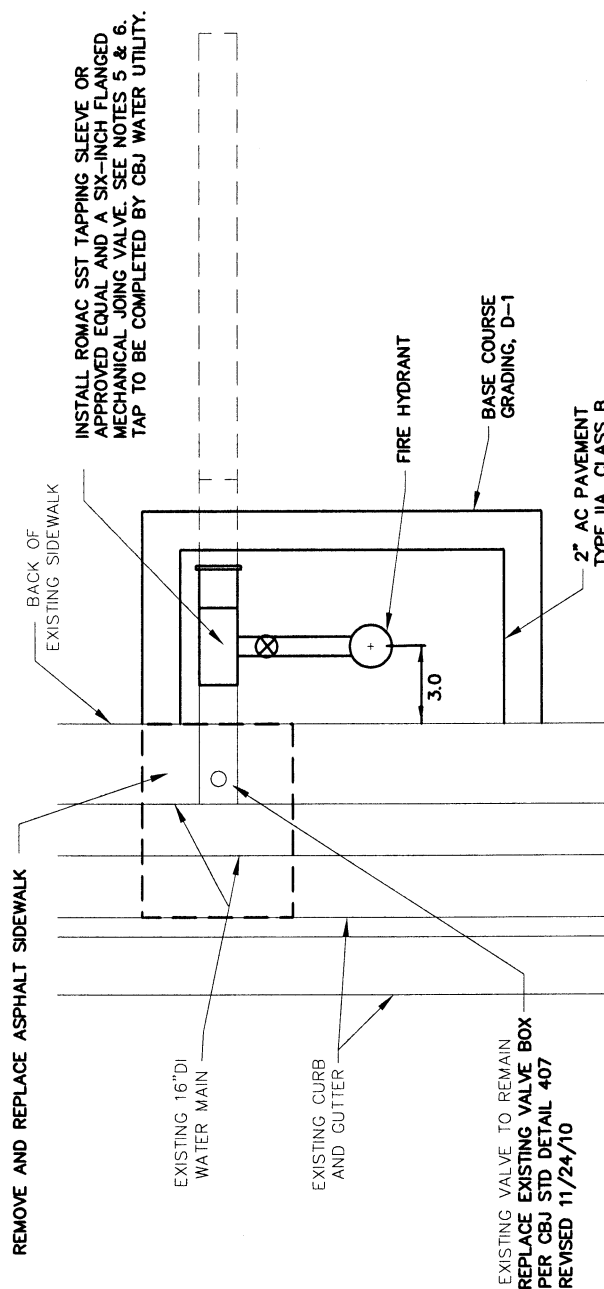


VICINITY MAP
NTS

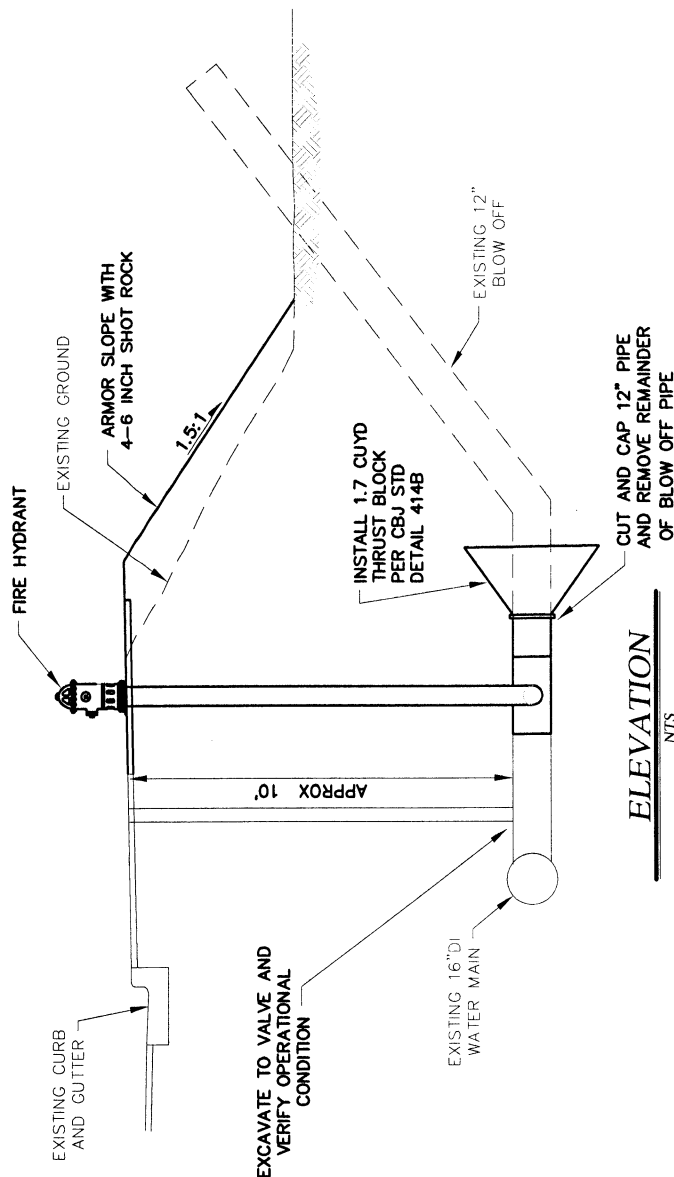
NOTES:

1. REMOVE AND DISPOSE OF EXISTING WATER LINE AS SHOWN. CAP AND INSTALL THRUST BLOCK PER CBJ STANDARD DETAIL 414B. CONTACT THE CBJ WATER UTILITIES 24 HOURS PRIOR TO COMMENCING WORK. 780-6888.
2. INSTALL NEW FIRE HYDRANT WITH PAD AND STORZ FITTINGS PER CBJ STD DETAIL 403 & 405, REVISED 8/9/10 AND CBJ STANDARD SPECIFICATION 2603 AND CURRENT ERRATA. HYDRANT TESTING SHALL COMPLY WITH CBJ STANDARD SPECIFICATION 2601 AND CURRENT ERRATA. THE HYDRANT SHALL BE PLUGGED AND REMAIN A NO DRAIN HYDRANT.
3. EXCAVATE AND REMOVE ORGANICS TO A MINIMUM OF 2.5 FEET BELOW FINISHED GRADE. FILL WITH A MINIMUM OF 18 INCHES OF SHOT ROCK BORROW, 7 INCHES OF 2-INCH MINUS SHOT ROCK AND 2 INCHES OF BASE COURSE GRADING D-1.
4. PROTECT SLOPES STEEPER THAN 2:1 WITH OVERSIZE SHOT ROCK, AS NECESSARY.
5. THE CONTRACTOR SHALL SUPPLY A ROMAX SST, STAINLESS STEEL TAPPING SLEEVE OR APPROVED EQUAL AND A SIX-INCH FLANGED MECHANICAL JOINT VALVE. PRIOR TO COMMENCING THE TAP THE CONTRACTOR SHALL BOLT THE SIX-INCH FLANGED MECHANICAL JOINT VALVE TO THE TAPPING SADDLE AND ENSURE THE TWELVE-INCH PIPE IS LIVE, RESTRAINED, AND PARTIALLY BURIED.
6. THE CBJ WATER UTILITY WILL DO THE TAP. THE CONTRACTOR SHALL SCHEDULE THE TAP WITH THE CBJ WATER UTILITY, 780-6888 A MINIMUM OF 48 HOURS BEFORE THE TAP COMMENCES.

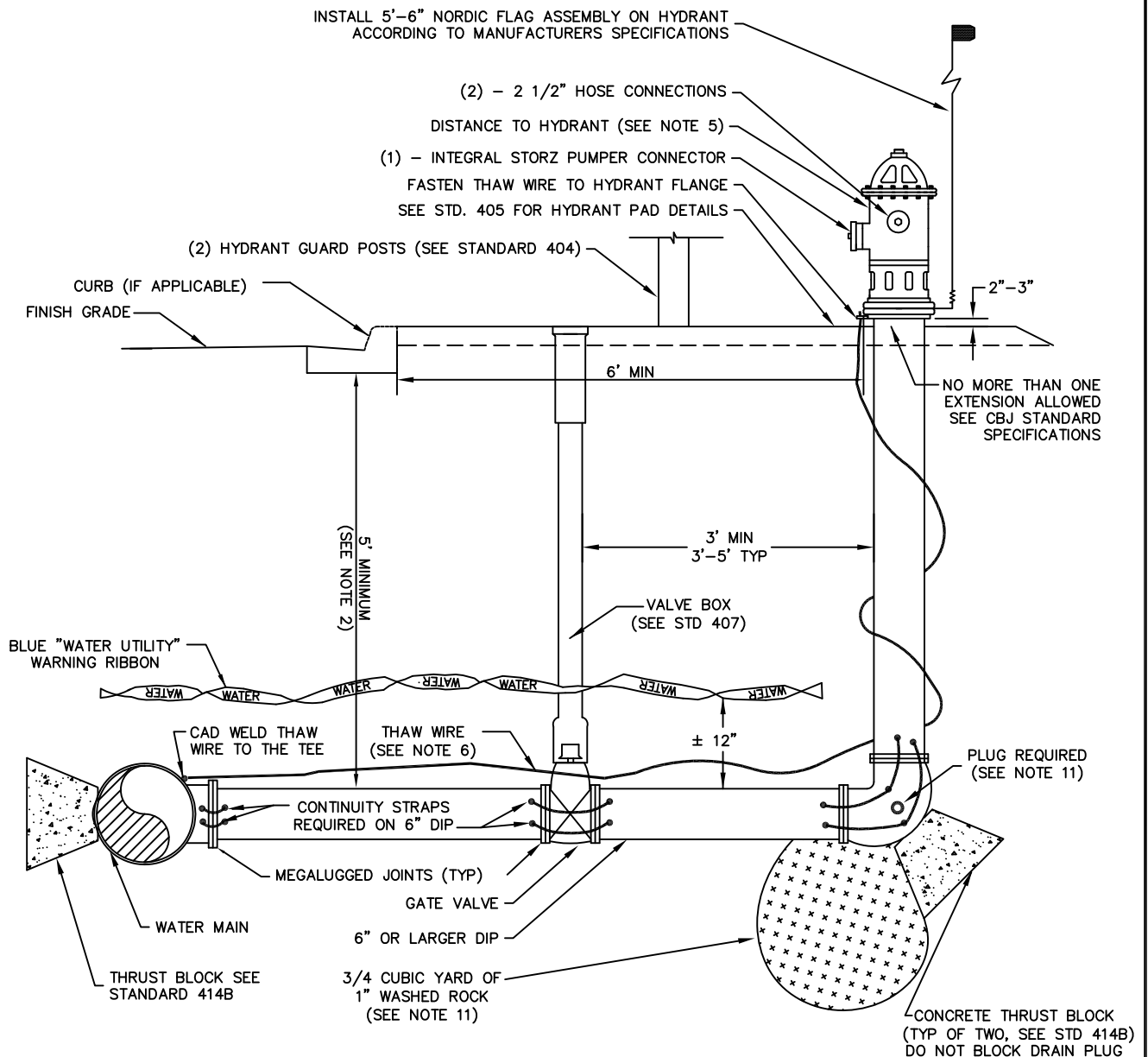
**LEMON CREEK
FIRE HYDRANT
INSTALLATION
RFQ E12-072**



PLAN
NTS



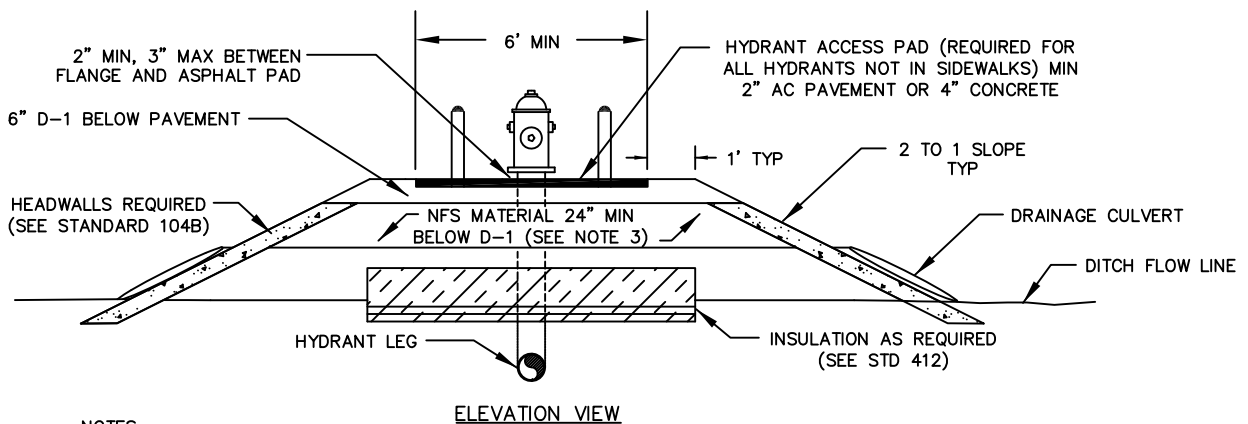
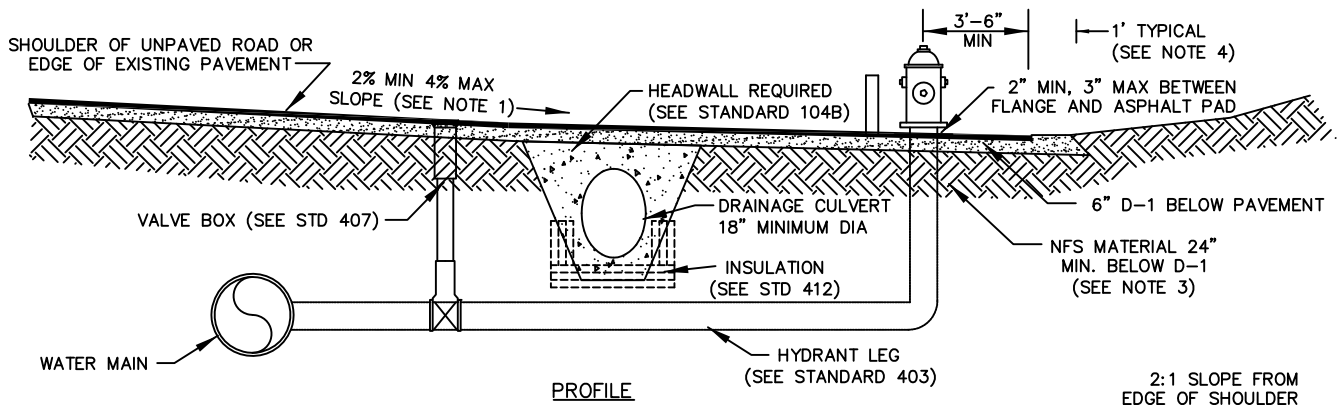
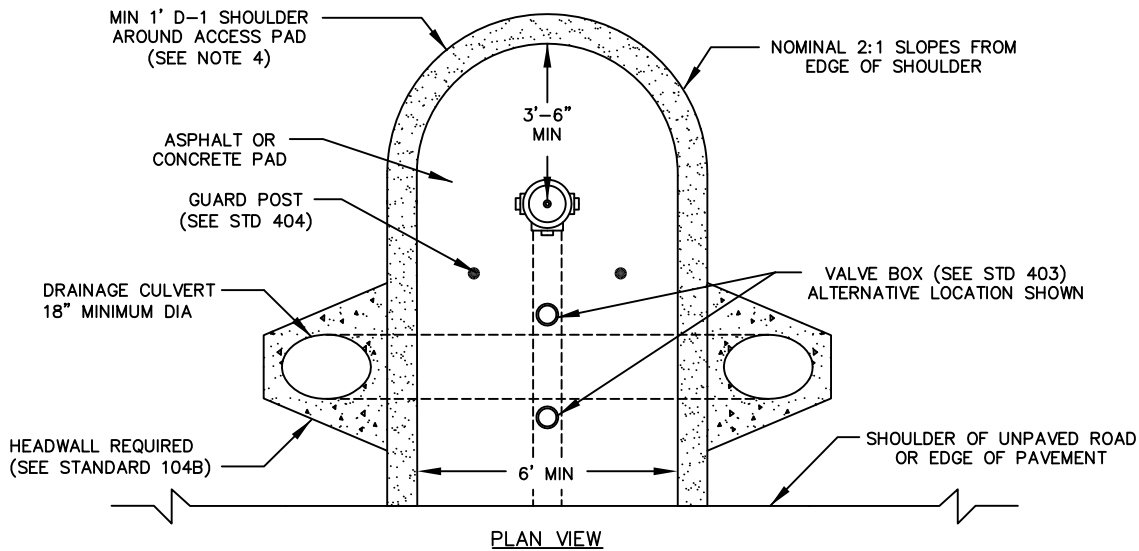
ELEVATION
NTS



NOTES

1. HYDRANT BARREL AND VALVE BOX SHALL BE PLUMB.
2. GROUND COVER SHALL BE 5' MINIMUM. ADDITIONAL COVER (MORE THAN 5') MAY BE REQUIRED BY THE ENGINEER.
3. WATER PIPE SHALL BE 6" MIN. D.I.P. AND ALL CONNECTIONS SHALL BE MEGALUGGED OR CONNECTED WITH LOCKING FIELD GASKETS.
4. BENDS BETWEEN THE HYDRANT AND THE MAIN SHALL NOT EXCEED 11 1/4" UNLESS APPROVED BY ENGINEER.
5. ALL HYDRANTS SHALL BE PAINTED CATERPILLAR YELLOW, AND THE NUMBER OF FEET TO VALVE SHALL BE PRINTED IN BLACK 1/2" BLOCK LETTERS JUST BELOW TOP BONNET. PORT CAPS SHALL BE COLOR CODED PER NFPA STANDARD 291 AS DIRECTED BY THE CBJ WATER UTILITIES DEPARTMENT.
6. THAW WIRE SHALL BE #2 COPPER WITH TYPE THW INSULATION. THAW WIRE SHALL BE BOLTED OR CAD WELDED TO THE TEE AT THE MAIN. CONTINUITY STRAPS ARE REQUIRED ON 6" DIP. CONTINUITY AND ARRANGEMENT FOR TESTING BY CBJ WATER UTILITIES IS THE RESPONSIBILITY OF THE INSTALLER/CONTRACTOR.
7. INSTALL A PAVED HYDRANT PAD PER STANDARD 405 AND GUARD POSTS PER STANDARD 404.
8. HYDRANT SHALL BE MUELLER CENTURION 200 OR 250 WITH INTEGRAL STORZ PUMPER CONNECTION OR APPROVED EQUAL. CLOW F2500 SERIES HYDRANTS ARE NO LONGER ACCEPTED BY CBJ.
9. THIS STANDARD TO BE USED FOR ALL HYDRANTS AND BLOW-OFFS. ALTERNATE BLOW-OFF TYPE HYDRANTS ARE NO LONGER ACCEPTED BY CBJ.
10. FIRE HYDRANT TO THE VALVE SHALL BE TESTED TO A MINIMUM OF 200 PSI FOR TWO (2) HOURS PER STANDARD SPECIFICATION SECTION 02601 ARTICLE 3.5 PARAGRAPH B 2.
11. CBJ WATER UTILITIES DEPARTMENT SHALL DETERMINE FOR EACH HYDRANT INSTALLATION IF HYDRANT PLUGS SHALL BE REMOVED FOR SELF DRAINING. DO NOT BLOCK PLUG WITH THE THRUST BLOCK.

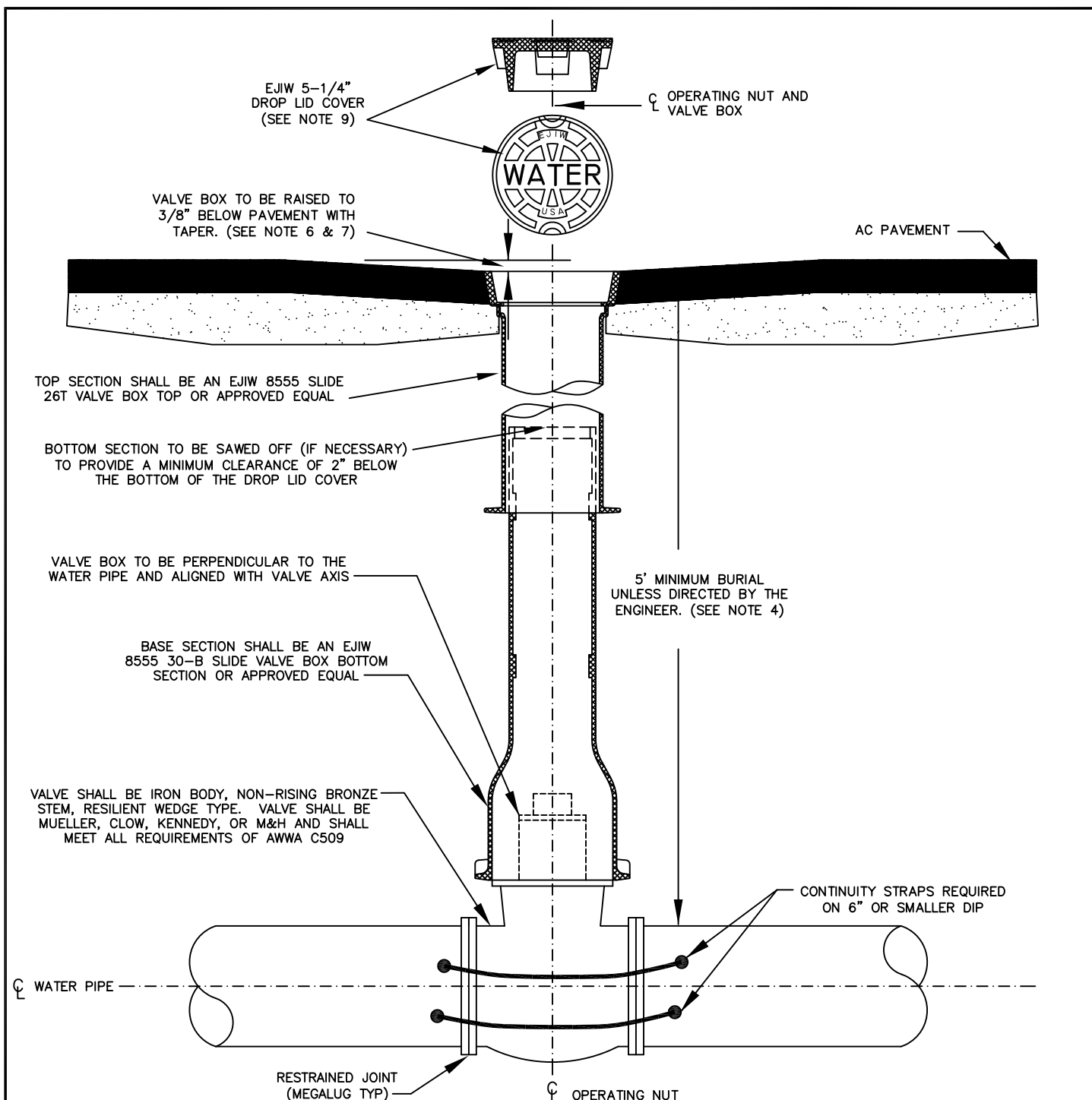
SCALE:	NTS	DATE:	11/20/96	CITY AND BOROUGH OF JUNEAU, ALASKA
DRAWN BY:	DRW	CHECKED BY:	STAFF	FIRE HYDRANT
APPROVED BY:		REVISED:	8/9/10	STANDARD 403



NOTES:

1. FROM EDGE OF ROAD TO DITCH LINE, SLOPE SURFACE OF HYDRANT PAD TO MATCH EXTENSION OF ROADWAY CROWN.
2. SEED SIDE SLOPES IN ACCORDANCE WITH SECTION 02710.
3. NFS BACKFILL AND D-1 IN PAD SHALL CONFORM WITH MATERIALS AND COMPACTION REQUIREMENTS OF STANDARD 102A.
4. EXTEND LAYER OF D-1 TO EDGE OF PAD SHOULDER MINIMUM 1 FOOT.
5. 1 FOOT MINIMUM OFFSET FROM EDGE OF PAVEMENT TO TOP OR TOE OF SLOPE.
6. NO HEADWALLS ARE TO BE CONSTRUCTED WITHIN THE ADOT RIGHT-OF-WAY UNLESS APPROVED BY THE ENGINEER.
7. MINIMUM 2" AC PAVEMENT OR 4" CONCRETE REQUIRED ON ALL HYDRANT PADS.

SCALE:	NTS	DATE:	12/16/96	CITY AND BOROUGH OF JUNEAU, ALASKA
DRAWN BY:		CHECKED BY:	STAFF	HYDRANT PAD
APPROVED BY:		REVISED:	8/9/10	STANDARD 405



NOTES:

1. A VALVE IS REQUIRED FOR EVERY 500' OF STRAIGHT MAINLINE OR AS DIRECTED BY THE ENGINEER.
2. A MINIMUM OF 2 VALVES ARE REQUIRED AT ALL TEES IN A MAINLINE. A MINIMUM OF 3 VALVES ARE REQUIRED AT ALL 4-WAY CROSSES IN A MAINLINE. TEES AND CROSSES THAT FEED SERVICES AND FIRE HYDRANTS ARE PLACED AS DIRECTED BY THE ENGINEER.
3. MAINLINE VALVES REQUIRE THRUST BLOCKS. SEE STANDARD 414C.
4. IF WATER MAIN IS MORE THAN 6' DEEP, USE 4" ID CAST IRON SOIL PIPE WITH TOP SECTION EJIW 8555 SLIDE (26T OR 16T) VALVE BOX.
5. THIS DETAIL APPLIES TO ALL MAINLINE VALVES AND ALL WATER VALVES 4" IN DIAMETER OR GREATER.
6. VALVE BOXES ARE TO BE RAISED DURING PAVING OPERATIONS A MINIMUM OF 3/8", MAXIMUM OF 5/8" BELOW FINISHED PAVEMENT. VALVE BOXES THAT DO NOT MEET GRADE SPECIFICATIONS SHALL BE SAWCUT, RAISED TO GRADE WITH 4" AC PAVEMENT (NO CONCRETE).
7. VALVE BOXES WITHIN GRAVEL ROADWAYS ARE TO BE SET 6" TO 8" BELOW FINISHED GRADE.
8. NO MORE THAN 1 VALVE BOX PAVING RISER IS ALLOWED PER VALVE.
9. VALVE BOX COVER SHALL BE 5-1/4" DROP LID TYPE WITH 1" RAISED LETTERING (RECESSED FLUSH) AND 2 CLOSED PICKHOLES.

SCALE: NTS	DATE: 9/8/98	CITY AND BOROUGH OF JUNEAU, ALASKA	
DRAWN BY: TAD	CHECKED BY: STAFF	MAINLINE VALVE	
APPROVED BY:		REVISED: 11/24/10	STANDARD 407