

**** Per Section 3 of Anacortes [Resolution 2082](#) Ratifying Proclamation of Emergency and Providing Temporary Procedures to Respond to the COVID-19 Epidemic, adopted by the Anacortes City Council on March 16, 2020, and [Resolution 3038](#), adopted June 28, 2021, extending the duration of portions of Resolution 2082 through September 30, 2021, City Council meetings may be held partially or entirely virtually.**

- Meetings may be viewed on the [City of Anacortes website](#), on the City of Anacortes [YouTube](#) Channel, or on TV [Channel 10](#).
- The public may also watch, listen to, or participate in the meeting live by visiting <https://us02web.zoom.us/j/89255646791> or by telephoning 1-253-215-8782 and entering Meeting ID 892 5564 6791.
- The public is encouraged to comment via email to cityclerk@cityofanacortes.org or via written comment addressed to City Clerk, P.O. Box 547, Anacortes, WA 98221. Public comments received by the [City Clerk](#) prior to 3:00 p.m. the day of the meeting will become part of the record for the meeting, just as if presented in person.
- Complete guidelines for virtual participation in Anacortes City Council meetings are available [here](#). View the quick video example for connecting to the meeting [here](#).



Anacortes City Council
Municipal Building Council Chambers
904 6th Street

**** Attendees in Council Chambers must comply with [Dept. of Health orders](#) ****

August 23, 2021
6:00 PM

PRELIMINARY AGENDA
[Packet Materials](#) / [Watch Meeting](#)

1. **Call to Order**
2. **Pledge of Allegiance**
3. **Executive Session**
 - a. Potential Litigation or Litigation per [RCW 42.30.110\(1\)\(i\)](#) (20 minutes) (Discussion)
 - b. Interlocal Agreement with Port of Anacortes regarding the City's Outfall Replacement (Action)
4. **Announcements and Committee Reports**
 - a. Recognition: Eric Shjarback, Assistant Public Works Director/City Engineer (Discussion)
 - b. COVID-19 Update (Discussion)
 - c. Traffic Safety Committee (Discussion)
 - d. Housing Affordability and Community Services Committee (Discussion)
 - e. Parks and Recreation Committee (Discussion)
 - f. Planning Committee (Discussion)
5. **Public Comment**
6. **Consent Agenda**
 - a. Minutes of August 16, 2021 (Action)
 - b. Approval of claims in the amount of \$376,136.60 (Action)

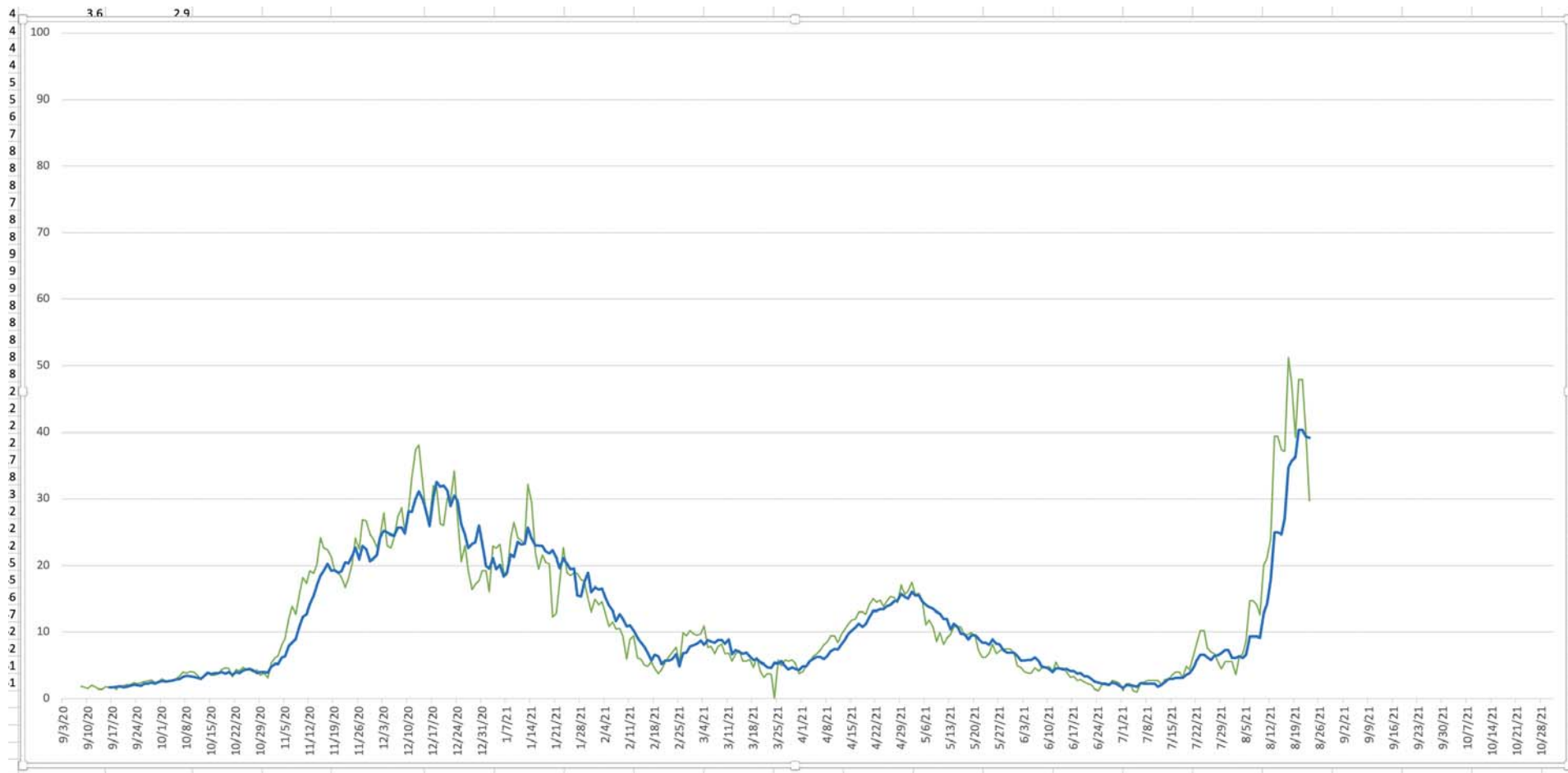
Per Resolution 2044, citizens wishing to comment on items not on the agenda may do so under the Public Comment portion of the agenda. Citizens wishing to comment on agenda items indicated with an asterisk (*) may do so as those items are considered by Council during the course of the meeting.

The City of Anacortes is committed to making public meetings available and accessible to all members of the community. For assistance with special needs, please contact the City Clerk at 360-299-1960 in advance of the meeting.

- c. Contract Award: Treatment Plant Chemicals #21-185-IDS (Action)
- 7. **Other Business**
 - a. Contract Award: Water Supply Agreement with Samish Indian Nation #21-198-WTR-001 (Discussion/Action)
- 8. **Adjournment**

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Anacortes City Council Minutes - August 16, 2021

Call to Order

Mayor Laurie Gere called to order the Anacortes City Council meeting of August 16, 2021 at 6:00 p.m. Councilmembers Jeremy Carter, Anthony Young, Ryan Walters, Carolyn Moulton and Matt Miller were present. Councilmember Bruce McDougall participated in the meeting via Zoom. Councilmember Christine Cleland-McGrath was absent.

Ms. Moulton moved, seconded by Mr. Walters, to excuse the absence of Ms. Cleland-McGrath. The motion carried unanimously by voice vote.

Pledge of Allegiance

The assembly joined in the Pledge of Allegiance.

Executive Session: Potential Litigation or Litigation per RCW 42.30.110(1)(i) (30 minutes)

Mayor Gere announced that City Council and the City Attorney would convene in Executive Session per RCW 42.30.110 (i) for approximately 30 minutes until 6:30 p.m. to discuss potential litigation or litigation. The mayor advised that the regular meeting would then reconvene with no action having been taken. Councilmembers Jeremy Carter, Anthony Young, Ryan Walters, Carolyn Moulton, Bruce McDougall and Matt Miller attended the executive session.

At 6:33 the mayor reconvened the meeting in regular session. No final action was taken.

Announcements and Committee Reports

COVID-19 Update: Mayor Gere shared current case and vaccination statistics for Anacortes, Skagit County, and Washington State.

Personnel Committee: Mr. McDougall reported from the Committee meeting held the previous week. The topics discussed included the personnel policies that would be presented to Council later on the agenda, proposed Fire Department promotions, and open positions in the Human Resources Department. Mr. McDougall also reported on police candidate interviews held earlier in the day.

Finance Committee: Mr. Walters reported from the Committee meeting held the previous week. The topics discussed included seeking a new bank, revenue streams, fiber budget, proposed changes to the Waste Management contract, and the Anacortes Cinema building.

Housing Affordability and Community Services Committee: Ms. Moulton reported from the Committee meeting held the previous week. The topics discussed included long waiting lists for federal aid-funded services due to lack of service providers, involuntary care and discharge therefrom, and designated crisis responders in Skagit County.

Skagit County Law & Justice Council: Mr. Miller reported from the LJC meeting held the previous week. The topics discussed included introduction of Anacortes Police Chief Dave Floyd and juvenile detention in the state.

Public Works Committee: Ms. Moulton reported from the Committee meeting held earlier in the evening. The topics discussed included the Samish water service agreement, the Craley leak detection system and alternatives to that system, 12th & Commercial intersection improvements, and the appointment of Street Department supervisor Brandon Lowry.

Public Comment

Rochelle Kealoha asked if Anacortes would require vaccination for city employees and implement a citywide mask mandate. Ms. Kealoha indicated the importance of ensuring that the City vaccinates and masks all taxpayer funded positions. Mayor Gere responded that the City was following Skagit County and CDC guidelines.

Consent Agenda

Mr. Miller moved, seconded by Mr. Carter, to approve the following Consent Agenda items. The motion carried unanimously by voice vote.

- a. Minutes of August 9, 2021
- b. Approval of claims in the amount of \$809,439.96
 - The following vouchers/checks were approved for payment:
 - EFT numbers: 100900 through 100946, total \$466,166.94
 - Check numbers: 100947 through 100955, total \$209,685.40
 - Wire transfer numbers: 288556 through 288754, total \$133,352.46

OTHER BUSINESS

Resolution 3049: Personnel Policies

Administrative Services Director Emily Schuh introduced Resolution 3049 to adopt revised Personnel Policies. Ms. Schuh summarized the proposed changes, referring to the packet materials for the meeting.

Mr. Miller asked that Policy 213, Comment 5 regarding employment references, be corrected to refer to the Human Resources *Director* rather than the Human Resources *Department*. Ms. Schuh agreed to do so.

JEREMY CARTER moved, seconded by ANTHONY YOUNG, to adopt Resolution 3049 adopting the City's revised Personnel Policies with the corrections to Policy 213 requested by Mr. Miller. Vote: Ayes - JEREMY CARTER, ANTHONY YOUNG, RYAN WALTERS, CAROLYN MOULTON, BRUCE MCDOUGALL, MATT MILLER. Nays - None. Result: Passed

Adjournment

There being no further business, at approximately 7:05 p.m. the Anacortes City Council meeting of August 16, 2021 was adjourned.

The following claims against the City of Anacortes have been preaudited and certified by the Clerk-Treasurer as ready for City Council approval at the August 23, 2021 City Council meeting:
[Download this file in OpenDocument spreadsheet format.](#)

Invoice Doc #	Transaction Date	Invoice #	Vendor Full Name	Description	Total Amount	Approval Queue
289005	5/28/2021	12733413	POWERPLAN	BOLT ON EDGE, VEH #426	\$ 663.45	dshop
289190	6/10/2021	WA86245KE	PRECISION CONCRETE CUTTING INC	SIDEWALK TRIP HAZARD REMOVAL	\$ 42,819.20	pw1
289153	6/21/2021	63451	COMMERCIAL FIRE PROTECTION INC	TEGRIS FIRE DEFICIENCY REPAIR FOR WET AND DRY SPRINKLER SYSTEMS - WTP	\$ 2,588.35	pw1
289163	6/22/2021	63454	COMMERCIAL FIRE PROTECTION INC	TEGRIS FIRE DEFICIENCY REPAIR FOR WET AND DRY SPRINKLER SYSTEMS - SENIOR CENTER	\$ 1,079.55	pw1
289079	7/6/2021	ReimbGonzalez	GONZALEZ, MARIO	REIMBURSEMENT OP4 EXAM - MARIO G	\$ 187.00	dwtp
289007	7/10/2021	8498 30 030 0111230	COMCAST	WTP 14489 RIVER BEND RD. - 7/19-8/18/21	\$ 240.96	finance
289052	7/21/2021	07212021	ECONOWASH LAUNDRY&CLEANERS	UNIFORM CLEANING 6/25-7/25/21	\$ 97.83	apd
289218	7/21/2021	127755	SUMMIT LAW GROUP, PLLC	LEGAL SERVICES	\$ 427.00	hr
289055	7/27/2021	281889	ANACORTES ANIMAL HOSPITAL	BOARD & DISTRAINER; JUNE 2021	\$ 1,495.00	apd
289140	7/28/2021	S3812718.002	BUILDERS' HARDWARE & SUPPLY	LOCKS FOR FIBER DEPT	\$ 51.14	pwfac
289141	7/28/2021	S3812718.001	BUILDERS' HARDWARE & SUPPLY	PADLOCKS FOR FIBER	\$ 756.16	pwfac
289012	7/30/2021	4009	BOYS & GIRLS CLUBS	JULY - LUNCH PROGRAM SERVICE PROVISION	\$ 220.00	finance
285872	7/30/2021	S010339802.001	CONSOLIDATED SUPPLY CO.	36"X20" POLY PIPE	\$ 10,153.30	wdist
288959	7/30/2021	195365	INFOSEND, INC.	JULY 2021 PROCESSING	\$ 3,504.24	finance
289059	7/31/2021	358	BUBBA SUDZ CAR WASH, INC.	JULY CAR WASHES- 24	\$ 240.00	dshop
288841	7/31/2021	21-817-2	EQUINOX RESEARCH AND	CULTURAL RESOURCES STUDY FOR EDA GRANT - JULY 2021	\$ 12,956.59	fiber
288856	7/31/2021	IN941839	NOANET	MUNICIPAL FIBER NETWORK COORDINATED SERVICES - JULY 2021	\$ 4,966.75	fiber
288857	7/31/2021	IN941855	NOANET	MUNICIPAL FIBER NETWORK COORDINATED SERVICES - JULY 2021	\$ 22,685.61	fiber
289051	7/31/2021	1568	PUBLIC SAFETY PSYCHOLOGICAL	PRE EMPLOYMENT PSYCHOLOGICAL EVAL; BRANHAM	\$ 400.00	apd
289150	7/31/2021	1780	SKAGIT CONSERVATION DISTRICT	NPDES II OUTREACH & EDUCATION - JULY 2021	\$ 1,551.24	pw1
289078	7/31/2021	0173	SKAGIT COUNTY SOLID WASTE FUND	JULY TONNAGE HAULED	\$ 88,690.15	dshop
288873	8/1/2021	2188	ECCOS DESIGN, LLC	LANDSCAPE DESIGN CEMETERY EXPANSION	\$ 4,620.00	parks1
289162	8/1/2021	3006091659	TK ELEVATOR CORP	LIBRARY ELEVATOR PHONE MONITORING 8/1-10/31/21	\$ 56.34	publib
288872	8/1/2021	128044	VENTEK INTERNATIONAL	MONTHLY HOSTING FEE 08/01-08/31	\$ 135.00	parks1
288874	8/2/2021	4900/0100153723/2022	DEPARTMENT OF NATURAL	DNR LEASE C20000076615	\$ 3,986.28	plan
289156	8/2/2021	1826	POSM SOFTWARE LLC	1 YR SUPPORT CONTRACT -SEWER VIDEO	\$ 2,000.00	dshop

Invoice Doc #	Transaction Date	Invoice #	Vendor Full Name	Description	Total Amount	Approval Queue
289143	8/2/2021	16130A	THE PLUMBING GUYS, INC	ASAC HOT WATER HEATERS REPLACEMENT	\$ 18,606.98	pwfac
289056	8/3/2021	282153	ANACORTES ANIMAL HOSPITAL	BOARD & DISTRAINER; JULY 2021	\$ 66.76	apd
288965	8/3/2021	812-19113	GCR TIRES & SERVICES	TIRES FOR STOCK	\$ 1,370.10	dshop
289217	8/3/2021	1721	THE CLEAN TEAM	LTAC PUBLIC RESTROOM MAINTENANCE	\$ 1,800.00	plan
289086	8/3/2021	331 0587815	UNIFIRST CORPORATION	UNIFORM LAUNDRY - FIBER	\$ 40.76	fiber
289157	8/4/2021	22491	APSCO, INC	MAINTENANCE - INCINERATOR	\$ 3,930.67	dwwtp
289057	8/4/2021	RefundBartelme	BARTELME, ELIZABETH	CAMPGROUND REFUND	\$ 21.00	parks1
288875	8/4/2021	51263	KRIEG CONSTRUCTION, INC	HOT MIX ASPHALT	\$ 9,813.44	dshop
288876	8/4/2021	12457	SKAGIT PUBLISHING LLC	PUBLISH AA-123827	\$ 146.16	finance
288877	8/4/2021	12458	SKAGIT PUBLISHING LLC	PUBLISH AA-127145	\$ 36.54	finance
288878	8/4/2021	12459	SKAGIT PUBLISHING LLC	PUBLISH AA-128952	\$ 97.44	finance
288879	8/4/2021	12460	SKAGIT PUBLISHING LLC	PUBLISH AA-129009	\$ 97.44	finance
288880	8/4/2021	12461	SKAGIT PUBLISHING LLC	PUBLISH AA-129243	\$ 174.58	finance
289160	8/4/2021	T21-003.02	TUTTLE ENGINEERING AND MGMT	GRAND VIEW CEMETERY EXPANSION PHASE 2 : JULY 2021	\$ 6,735.50	parks1
289083	8/5/2021	814551	CASCADE COLUMBIA DISTRIBUTION	FLUORIDE FOR TRACER TEST	\$ 500.00	dwwtp
289175	8/5/2021	BC1416793	GALLS, LLC.	CLASS B UNIFORMS: COLWELL	\$ 1,490.94	medic
288850	8/5/2021	1100860278	INSIGHT PUBLIC SECTOR, INC	RED HAT LINUX SERVER PREMIUM SUBSCRIPTION - 8/23/21-8/22/22	\$ 2,129.50	infosys
289161	8/5/2021	0272600-IN	REISNER DISTRIBUTOR INC	MAINTENANCE SUPPLIES	\$ 3,626.11	dwwtp
289068	8/6/2021	1116511120	FERRELLGAS, LP	PROPANE- SHOP	\$ 51.01	dshop
289069	8/6/2021	1116508940	FERRELLGAS, LP	PROPANE- SHOP	\$ 489.71	dshop
289090	8/6/2021	9322781387	GRAYBAR ELECTRIC COMPANY, INC	SPLICE CASE FOR FIBER EXPANSION	\$ 581.38	fiber
288869	8/6/2021	3956	SIGND OG NW	3" REFLECTIVE STICKERS	\$ 179.52	dshop
288966	8/7/2021	170054	LAKESIDE INDUSTRIES, INC.	DUMP FEES, MIXED CONCRETE	\$ 310.20	dshop
289088	8/9/2021	9322794663	GRAYBAR ELECTRIC COMPANY, INC	MULTI-PORT SERVICE TERMINALS FOR FIBER	\$ 33,722.80	fiber
289089	8/9/2021	9322794662	GRAYBAR ELECTRIC COMPANY, INC	CONDUIT FOR FIBER EXPANSION	\$ 4,531.15	fiber
288967	8/9/2021	1878998	MILES SAND & GRAVEL CO.	5/8" CRUSHED ROCK	\$ 183.88	dshop
289159	8/9/2021	WA07-195986	MOTION INDUSTRIES, INC	MAINTENANCE SUPPLIES	\$ 21.44	dwwtp
289087	8/9/2021	300000290027	PUGET SOUND ENERGY INC	WTP RESERVOIR & PUMP STATION 7/7-8/4/21	\$ 5,082.68	dwwtp
289142	8/9/2021	300000300008	PUGET SOUND ENERGY INC	WWTP 7/7-8/4/21	\$ 30,366.56	dwwtp
289145	8/9/2021	300000290035	PUGET SOUND ENERGY INC	MUSEUM 7/7-8/4/21	\$ 163.77	museum
289144	8/10/2021	305770	BAY CITY SUPPLY	FACILITY SUPPLIES	\$ 1,454.53	pwfac
289149	8/10/2021	14415772	BROWN AND CALDWELL	WATER TREATMENT PLANT OPTIMIZATION STUDY - 6/25/21-7/22/21	\$ 9,069.70	dwwtp
289008	8/10/2021	8498 30 030 0111230	COMCAST	WTP 14489 RIVER BEND RD. - 8/19-9/18/21	\$ 241.25	finance
287091	8/10/2021	I5871457	HD FOWLER COMPANY INC	INVENTORY RESTOCK	\$ 8,292.00	wdist

Invoice Doc #	Transaction Date	Invoice #	Vendor Full Name	Description	Total Amount	Approval Queue
289053	8/10/2021	2021-004	SWINOMISH POLICE DEPARTMENT	LAW ENF LEADERS OF THE NW SUMMIT; REG FEE X'S 3	\$ 75.00	apd
289148	8/10/2021	RefundThomas	THOMAS, LAURA	WA PARK CAMPGROUND REFUND	\$ 39.00	parks1
289191	8/10/2021	72184C-X	UNDERWOOD & ASSOCIATES, LLC	ANTIQUE ENGINE DISPLAY ROOM DESIGN	\$ 2,700.00	medic
289054	8/11/2021	6456	ANACORTES TOWING, LLC	TOWING; APD CASE 21-A05424	\$ 326.40	apd
289207	8/11/2021	6653656	CARDINAL HEALTH 110, INC.	NITROGLYCERIN	\$ 485.32	medic
289046	8/11/2021	8498 30 017 0464628	COMCAST	WA PARK INTERNET 8/21-9/20/21	\$ 106.16	finance
289151	8/11/2021	GIS-15667	GEOGRAPHIC INFORMATION	2021 GIS SUPPORT	\$ 569.63	pw1
288964	8/11/2021	231547	NAPA	WHEEL BEARING AND HUB ASSY #151	\$ 319.02	dshop
289009	8/11/2021	231593	NAPA	WHEEL BEARING/HUB ASSEMBLY	\$ 309.54	dshop
289152	8/11/2021	S011093482.001	NORTH COAST ELECTRIC COMPANY	WWTP TECHCONNECT SUPPORT: 8/8/21 - 8/7/22	\$ 5,683.82	dwwtp
289147	8/11/2021	2021-1252	THE WATERSHED COMPANY	PERIODIC REVIEW OF SHORELINE MASTER PROGRAM	\$ 1,428.75	plan
289081	8/11/2021	331 0589046	UNIFIRST CORPORATION	WTO LAUNDRY SERVICE	\$ 132.76	dwwtp
289194	8/11/2021	1679854350	WILSON DDS, NICHOLAS J	DENTAL SERVICES	\$ 173.00	hr
289061	8/12/2021	00540-MAY21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 19.50	court
289063	8/12/2021	00705-MAY21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 13.00	court
289064	8/12/2021	00700-MAY21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 130.00	court
289065	8/12/2021	00454-MAY21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 26.00	court
289066	8/12/2021	00704-MAY21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 26.00	court
289067	8/12/2021	00670-MAY21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 52.00	court
289071	8/12/2021	00705-JUN21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 45.50	court
289074	8/12/2021	00683-JUN21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 52.00	court
289011	8/12/2021	114069	WALTON BEVERAGE COMPANY, INC	CITY HALL BREAK ROOM SUPPLIES	\$ 148.00	finance
289082	8/12/2021	114074	WALTON BEVERAGE COMPANY, INC	WTP BREAKROOM SUPPLIES	\$ 92.50	dwwtp
289070	8/13/2021	00540-JUN21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 26.00	court
289072	8/13/2021	00704-JUN21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 13.00	court
289073	8/13/2021	00670-JUN21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 26.00	court
289213	8/13/2021	AR198678	ELECTRONIC BUSINESS MACHINES	COPIES/MAINTENANCE: 5/12 - 8/11/21	\$ 176.97	medic
289214	8/13/2021	WAANA136033	FASTENAL COMPANY	BATTERIES, HEAD LAMP	\$ 40.33	medic
289188	8/13/2021	027 2021	KUHNLEIN, LISA	STUDIO PORTRAIT OF CHIEF FLOYD	\$ 237.73	executive
289050	8/13/2021	105273940	RICOH USA, INC	S/N C32029555 CITY HALL COPIER 3RD 8/1-8/31/21	\$ 378.35	finance
289146	8/13/2021	B13912614	SHI INTERNATIONAL CORP.	WINDOWS SERVER 2019 WITH HYPER-V ROE	\$ 3,999.23	infosys
289013	8/13/2021	RefundSiple	SIPLE, ZACH	CAMPGROUND REFUND ZACK SIPLE	\$ 39.00	parks1
289080	8/13/2021	695993	USA BLUE BOOK	LIQUID PH BUFFER 4.01, 7.00	\$ 149.55	dwwtp
289075	8/14/2021	00704-JUL21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 136.50	court
289076	8/14/2021	00670-JUL21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 58.50	court

Invoice Doc #	Transaction Date	Invoice #	Vendor Full Name	Description	Total Amount	Approval Queue
289077	8/14/2021	00683-JUL21	CAMPBELL LAW FIRM	PUB DEF CONFL	\$ 26.00	court
289048	8/14/2021	00005W5A83331	UNITED PARCEL SERVICE, INC	UPS SHIPPING CHARGES; WEEK ENDING 8-14-21	\$ 13.58	apd
289084	8/15/2021	0001141	CITY OF BURLINGTON	DARK FIBER & RACK FEES	\$ 275.00	fiber
289208	8/16/2021	6664934	CARDINAL HEALTH 110, INC.	EPINEPHRINE	\$ 128.20	medic
289047	8/16/2021	08/16/2021	FIDALGO CLEANING	APD CLEANING & SUPPLIES; 08-16-2021	\$ 800.00	apd
289139	8/16/2021	RefundMalen	MALEN, YUKA	WASHINGTON PK CAMPING REFUND MALEN	\$ 61.00	parks1
289192	8/16/2021	232088	NAPA	STOP LIGHT BULB- #018	\$ 9.62	dshop
289193	8/16/2021	232097	NAPA	BATTERY & M/C BASE MOUNT KIT- #837	\$ 162.36	dshop
289195	8/16/2021	232081	NAPA	TRIPLE SQUARE SOCKETS- #837	\$ 26.30	dshop
289209	8/17/2021	6669896	CARDINAL HEALTH 110, INC.	ACCU-CHEK AVIVA	\$ 317.70	medic
289200	8/17/2021	143-4120-00	FOSTER, ALAN	UB Refund Cst #051107	\$ 98.72	finance
289196	8/17/2021	052-0035-00	HENSON, JANET	UB Refund Cst #039668	\$ 145.90	finance
289199	8/17/2021	390-3750-00	ILES, LAURA	UB Refund Cst #045363	\$ 198.32	finance
289203	8/17/2021	130-4080-01	MATSON, LEONARD & TRICIA	UB Refund Cst #058172	\$ 28.04	finance
289204	8/17/2021	053-0920-03	MCKENNA, KATHRYN & MICHAEL	UB Refund Cst #058840	\$ 155.75	finance
289202	8/17/2021	400-7490-02	PINTO, MAURICIO	UB Refund Cst #055733	\$ 100.13	finance
289206	8/17/2021	380-0030-00	RUBICON IDC LLC	UB Refund Cst #063412	\$ 171.47	finance
289205	8/17/2021	190-1600-03	SACKSTEDER, LANE & SARAH	UB Refund Cst #062046	\$ 97.06	finance
289198	8/17/2021	380-0799-00	WEBER, PHIL	UB Refund Cst #045073	\$ 612.67	finance
289197	8/17/2021	100-0340-00	WELBORN REVOCABLE LVG TRUST, RUSSELL	UB Refund Cst #041657	\$ 61.26	finance
289201	8/17/2021	150-1860-02	WERMUS, ANNE & JOSEPH	UB Refund Cst #053481	\$ 111.80	finance
289216	8/17/2021	Invoice #6	WHIDBEY ISLAND RACE WEEK LLC	LTAC RACE WEEK	\$ 2,305.02	plan

Total **\$376,136.60**



City Council Agenda Bill

Meeting Date: August 23, 2021 **Agenda Item:** 6.c.

Agenda Item Title: Contract Award: Treatment Plant Chemicals #21-185-IDS

Staff Contact(s): FRED BUCKENMEYER

Approved for Submittal to Council by **Action Type**
TIFFANY MATSON Contract Award

Item Summary: City staff seeks Council consent to award contracts as listed in the attached memo for treatment plant chemicals for the 2021-2023 cycle.

1. History: In an effort to ensure that we obtain the best price for treatment chemicals and meet the competitive bidding laws, the City conducts a formal bid process for eight different treatment plant chemicals.
2. Key Terms:
 - All contracts run from 9/1/21-8/31/23
3. Competitive Bidding: On July 30, 2021 the City issued an [Invitation to Bid](#) for the subject project and on August 13, 2021 a public bid opening was conducted and 9 valid bids were received. Bid results are provided in the attached memo.

Budget Impact:

BARS #	401.730.534.10.34
Earmarked Funds	\$401,400.00
BARS #	440.750.535.83.31
Earmarked Funds	\$120,000.00
Start Date	9/1/2021
End Date	8/31/2023

Previous Action: N/A

Recommended Motion: I move that City Council authorize the Mayor to sign the contracts 21-185-IDS-001 through 21-185-IDS-008 for treatment plant chemicals for the 2021-2023 cycle.

Alternative Actions: Not approve the contracts.

Attachments (listed in order presented):

1. Chemical Bids Contract Award Memo
2. 21-185-IDS Contracts
3. Chem Bid Comparison



CITY OF ANACORTES
Legal Department
Tiffany Matson, Contract Specialist

Bids for chemicals were publicly opened at 2:00pm on August 13, 2021, for the following chemicals:

1. 1,920 Tons Liquid Aluminum Sulfate
2. 13 Tons Polymer Clarifloc A-3310 – for WTP
3. 12 Tons Sodium Fluoride
4. Sodium Hydroxide
 - 4a. 600 Tons dry weight
 - 4b. 10,000 Gallons
 - 4c. 1,000 Gallons in mini-bulk deliveries
 - 4d. 300,000 Gallons
5. 360,000 Gallons Sodium Hypochlorite
6. 24 Tons Polymer Clarifloc WE785 – for WWTP
7. 7,000 Gallons Sodium Bisulfite
8. 66,000 Gallons Nitrate Solution
 - 8a. 16,000 Gallons
 - 8b. 50,000 Gallons

Bids were received as follows:

* = APPARENT WINNER

CHEMICAL NAME	BID PRICE
1. ALUMINUM SULFATE ♦ Eco Services Operations Corp.* ♦ ChemTrade Chemicals	\$355.00/ton \$416.00/ton
2. POLYMER - for WTP ♦ Polydyne, Inc.*	\$2.00/lb
3. SODIUM FLUORIDE ♦ Cascade Columbia*	\$2,564.00/ton
4. SODIUM HYDROXIDE 4a. 600 DRY TONS ♦ Univar Solutions USA* ♦ NorthStar Chemical ♦ Cascade Columbia 4b. 10,000 GALLONS ♦ NorthStar Chemical* 4c. 1,000 GALLONS IN MINI DELIVERIES ♦ NorthStar Chemical* 4d. 300,000 GALLONS ♦ Univar Solutions USA* ♦ NorthStar Chemical ♦ Cascade Columbia	\$777.00/ton \$1,083.36/ton \$1,319.56/ton \$1.87/gallon \$3.83/gallon \$1.055/gallon \$1.434/gallon \$1.80/gallon
5. SODIUM HYPOCHLORITE ♦ Hasa, Inc.* ♦ Cascade Columbia	\$1.148/gallon \$1.42/gallon

6. POLYMER - for WWTP ♦ Polydyne, Inc *	\$1.50/lb
7. SODIUM BISULFITE ♦ NorthStar Chemical *	\$4.81/gallon
8. CALCIUM NITRATE SOLUTION 66,000 Gallons 8a. 16,000 GALLONS ♦ Evoqua Water Technologies *	\$2.50/gallon
8b. 50,000 GALLONS ♦ Two Rivers Terminal *	\$2.15/gallon
♦ Evoqua Water Technologies	\$2.50/gallon

Isaac Brunk, Anacortes Water Treatment Plant, has reviewed the chemical bids and recommends acceptance of the following low bids:

1. Aluminum Sulfate	Eco Services Operations Corp.
2. Polymer	Polydyne, Inc.
3. Sodium Fluoride	Cascade Columbia
4d. Sodium Hydroxide – 300,000 Gal	Univar Solutions USA
5. Sodium Hypochlorite	Hasa, Inc.

Harry Whyte, Anacortes Waste Water Treatment Plant, has reviewed the chemical bids and recommends acceptance of the following low bids:

4b. Sodium Hydroxide – 10,000 Gal	NorthStar Chemical
4c. Sodium Hydroxide – 1,000 Gal	NorthStar Chemical
5. Sodium Hypochlorite	Hasa, Inc.
6. Polymer	Polydyne, Inc.
7. Sodium Bisulfite	NorthStar Chemical
8b. Calcium Nitrate Solution – 50,000 Gal	Two Rivers Terminal

Chad Tesarik, City of Mount Vernon Waste Water Treatment Plant, has reviewed the chemical bids and recommends acceptance of the following low bid:

4a Sodium Hydroxide – 600 Dry Tons	Univar Solutions USA
8a. Calcium Nitrate Solution – 16,000 Gal	Evoqua Water Technologies



CONTRACT 21-185-IDS-001

This Contract is between the City of Anacortes, Washington, a Municipal Corporation (herein after referred to as "City") and Eco Services Operations LLC, a private company at 2002 Timerloch Pl, Suite 300, The Woodlands, TX 77380 (herein after referred to as "Supplier").

WITNESSETH:

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

- I. The Supplier shall furnish:
1,920 Tons (Dry Basis) Liquid Aluminum Sulfate 50% solution to meet AWWA Standard B403 - 93 of the latest revision. Furnished as required, delivered in 4,500 gallon quantities, F.O.B Destination, Freight Prepaid, ANACORTES WATER TREATMENT PLANT, 14489 RIVER BEND ROAD, MOUNT VERNON, WA 98273, in accordance with and as described in the City of Anacortes document entitled "Treatment Plant Chemicals 2021-2023" issued July 30, 2021 which is hereby incorporated by reference and made a part hereof, and shall perform any changes to the work in accord with the Specifications and General Conditions contained therein.
- II. Any changes to the work contracted herein shall be subject to contract modification signed by the Parties.
- III. The Unit prices and quantities are specified in the attached Supplier's Bid which is hereby incorporated by reference.
- IV. The contract time is from September 1, 2021 to August 31, 2023.
- V. The Supplier for himself/herself, and for his/her heirs, executors, administrators, successors, and assigns, does hereby agree to full performance of all covenants required of the Supplier in this Contract.
- VI. The Supplier shall coordinate all deliveries with the individual treatment plant(s).

The parties acknowledge that there has been an opportunity to negotiate the terms and conditions of this Agreement and agree to each bind itself, its partners, successors, assigns, and legal representatives to the other party hereto, in respect of all covenants, agreements, and obligations contained in the Contract Documents. Each of the persons signing below on behalf of any party hereby represents and warrants that s/he or it is signing with full and complete authority to bind the party on whose behalf of whom s/he or it is signing, to each and every term of this Agreement.

ECO SERVICES OPERATIONS LLC.

CITY OF ANACORTES

Laurie Gere, Mayor

Date

Date



CONTRACT 21-185-IDS-002

This Contract is between the City of Anacortes, Washington, a Municipal Corporation (herein after referred to as "City") and Polydyne Inc. a private company at 1 Chemical Plant Rd, Riceboro, GA 31323 (herein after referred to as "Supplier").

WITNESSETH:

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

I. The Supplier shall furnish:

13 Tons Polymer, Hydrex 3572, Clarifloc A-3310, dry powdered type, in 1600lb-2000lb bulk bags meeting Standard ANSI/NSF 60. Furnished as required, palletized on delivery, F.O.B Destination, Freight Prepaid, ANACORTES WATER TREATMENT PLANT, 14489 RIVER BEND ROAD, MOUNT VERNON, WA 98273.

24 Tons Polymer for belt filter press sludge, Clarifloc WE785, water soluble polymer in emulsion, or equal as determined by the City of Anacortes, in 250 gallon IBC totes with 2" camlock valve, with a UN rating of UN31HA1/Y. Furnished as required, F.O.B Destination, Freight Prepaid, ANACORTES WASTEWATER TREATMENT PLANT, 500 T AVENUE, ANACORTES, WA 98221. The totes shall be returnable at no charge to the City with a requirement of 8 empty totes or less at time of pickup.

The City reserves the right to evaluate to its satisfaction the performance of the polymer during the 60 days after the start of the contract. Plant staff shall be the sole judge of acceptability and performance of the product. If performance is deemed unsatisfactory, supplier shall accept all unused material for a full refund, with no restock fee, and no return freight charges to be paid by the City. Work shall be in accordance with and as described in the City of Anacortes document entitled "Treatment Plant Chemicals 2021-2023" issued July 30, 2021 which is hereby incorporated by reference and made a part hereof, and shall perform any changes to the work in accord with the Specifications and General Conditions contained therein.

- II. Any changes to the work contracted herein shall be subject to contract modification signed by the Parties.
- III. The Unit prices and quantities are specified in the attached Supplier's Bid which is hereby incorporated by reference.
- IV. The contract time is from September 1, 2021 to August 31, 2023.
- V. The Supplier for himself/herself, and for his/her heirs, executors, administrators, successors, and assigns, does hereby agree to full performance of all covenants required of the Supplier in this Contract.
- VI. The Supplier shall coordinate all deliveries with the individual treatment plant(s).

The parties acknowledge that there has been an opportunity to negotiate the terms and conditions of this Agreement and agree to each bind itself, its partners, successors, assigns, and legal representatives to the other party hereto, in respect of all covenants, agreements, and obligations contained in the Contract Documents. Each of the persons signing below on behalf of any party hereby represents and warrants that s/he or it is signing with full and complete authority to bind the party on whose behalf of whom s/he or it is signing, to each and every term of this Agreement.

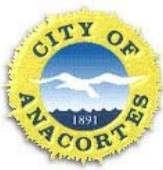
POLYDYNE INC.

CITY OF ANACORTES

Laurie Gere, Mayor

Date

Date



This Contract is between the City of Anacortes, Washington, a Municipal Corporation (herein after referred to as "City") and Cascade Columbia Distribution Co., a private company at 6900 Fox Ave. S. Seattle, WA 98108 (herein after referred to as "Supplier").

WITNESSETH:

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

- I. The Supplier shall furnish:
12 Tons Sodium Fluoride, domestic water quality, meeting AWWA Standard B701-06 of the latest revision and Standard ANSI/NSF 60, in 50 pound bags. The City will be sole judge of performance. Any and all costs borne by the City which are associated with miss-performance of the product will be paid by the supplier. F.O.B Destination, Freight Prepaid, ANACORTES WATER DEPARTMENT, 301 BLUE HERON CIRCLE, ANACORTES, WA 98221, furnished as required for maximum storage for 40 bags. Must call at least 24 hours prior to delivery to schedule unloading; phone number 360-428-1598. Delivery vehicle length must not exceed 32' to accommodate unloading in an expedient manner. Work shall be in accordance with and as described in the City of Anacortes document entitled "Treatment Plant Chemicals 2021-2023" issued July 30, 2021 which is hereby incorporated by reference and made a part hereof, and shall perform any changes to the work in accord with the Specifications and General Conditions contained therein.
- II. Any changes to the work contracted herein shall be subject to contract modification signed by the Parties.
- III. The Unit prices and quantities are specified in the attached Supplier's Bid which is hereby incorporated by reference.
- IV. The contract time is from September 1, 2021 to August 31, 2023.
- V. The Supplier for himself/herself, and for his/her heirs, executors, administrators, successors, and assigns, does hereby agree to full performance of all covenants required of the Supplier in this Contract.
- VI. The Supplier shall coordinate all deliveries with the individual treatment plant(s).

The parties acknowledge that there has been an opportunity to negotiate the terms and conditions of this Agreement and agree to each bind itself, its partners, successors, assigns, and legal representatives to the other party hereto, in respect of all covenants, agreements, and obligations contained in the Contract Documents. Each of the persons signing below on behalf of any party hereby represents and warrants that s/he or it is signing with full and complete authority to bind the party on whose behalf of whom s/he or it is signing, to each and every term of this Agreement.

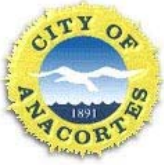
CASCADE COLUMBIA DISTRIBUTION CO.

CITY OF ANACORTES

Laurie Gere, Mayor

Date

Date



CONTRACT 21-185-IDS-004

This Contract is between the City of Anacortes, Washington, a Municipal Corporation (herein after referred to as "City") and Univar Solutions USA Inc., a private company at 8201 S 212th St, Kent, WA 98032 (herein after referred to as "Supplier").

WITNESSETH:

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

- I. The Supplier shall furnish:
600 dry weight tons of Sodium Hydroxide. The sodium hydroxide shall be 25% concentration. Delivery of 600 dry weight tons shall be to the F.O.B Destination, Freight Prepaid, MOUNT VERNON WASTEWATER UTILITY, 1401 BRITT ROAD, MOUNT VERNON, WA 98273 in bulk tank loads of 4500 gallons each.

300,000 gallons of Sodium Hydroxide. The sodium hydroxide shall be 25% concentration and delivered in bulk tank truckloads. The City provides a two inch cam and groove fitting to accept delivery. The City will not pump the delivery off the truck nor shall the City supply high pressure air for that purpose. Each bulk delivery of 3800 - 4800 shall be to: F.O.B Destination, Freight Prepaid, ANACORTES WATER TREATMENT PLANT, 14489 RIVER BEND ROAD, MOUNT VERNON, WA 98273.

Work shall be in accordance with and as described in the City of Anacortes document entitled "Treatment Plant Chemicals 2021-2023" issued July 30, 2021 which is hereby incorporated by reference and made a part hereof, and shall perform any changes to the work in accord with the Specifications and General Conditions contained therein.
- II. Any changes to the work contracted herein shall be subject to contract modification signed by the Parties.
- III. The Unit prices and quantities are specified in the attached Supplier's Bid which is hereby incorporated by reference.
- IV. The contract time is from September 1, 2021 to August 31, 2023.
- V. The Supplier for himself/herself, and for his/her heirs, executors, administrators, successors, and assigns, does hereby agree to full performance of all covenants required of the Supplier in this Contract.
- VI. The Supplier shall coordinate all deliveries with the individual treatment plant(s).

The parties acknowledge that there has been an opportunity to negotiate the terms and conditions of this Agreement and agree to each bind itself, its partners, successors, assigns, and legal representatives to the other party hereto, in respect of all covenants, agreements, and obligations contained in the Contract Documents. Each of the persons signing below on behalf of any party hereby represents and warrants that s/he or it is signing with full and complete authority to bind the party on whose behalf of whom s/he or it is signing, to each and every term of this Agreement.

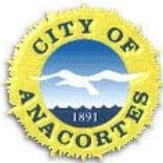
UNIVAR SOLUTIONS USA INC.

CITY OF ANACORTES

Laurie Gere, Mayor

Date

Date



CONTRACT 21-185-IDS-005

This Contract is between the City of Anacortes, Washington, a Municipal Corporation (herein after referred to as "City") and Northstar Chemical, Inc., a private company at 14200 SW Tualatin-Sherwood Road, Sherwood, OR 97140 (herein after referred to as "Supplier").

WITNESSETH:

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

I. The Supplier shall furnish:

10,000 gallons of Sodium Hydroxide. The sodium hydroxide shall be 25% concentration and delivered in bulk tank truckloads. The City provides a two inch cam and groove fitting to accept delivery. The City will not pump the delivery off the truck nor shall the City supply high pressure air for that purpose. Each bulk delivery of 2000-2500 shall be to F.O.B Destination, Freight Prepaid, ANACORTES WASTEWATER TREATMENT PLANT, 500 T AVENUE, ANACORTES, WA 98221.

Approximately 1,000 gallons of Sodium Hydroxide in mini bulk deliveries of between 50-1000 gallons. Supplier shall provide delivery trailers that are equipped with up to five individually mounted product tanks, where up to four different products can be delivered from one trailer. The purpose of this service is to help the City of Anacortes eliminate the use of drum/tote storage and handling problems. Customer is responsible for product volume received not product volume ordered. There is no minimum delivery volume required and top-off service must be available if needed. F.O.B Destination, Freight Prepaid, ANACORTES PUMP STATION #13, 5918 CABANA WAY, and/or PUMP STATION #14 2100 FERRY TERMINAL RD, and/or PUMP STATION #15 1200 B AVE, and/or PUMP STATION #18 8071 S MARCH'S POINT RD, ANACORTES, WA 98221.

7,000 Gallons Sodium Bisulfite 38-40% solution, to be delivered as a mini-bulk service with shipments of between 50-2,500 gallons. Quote price in cost per gallon. Supplier shall provide delivery trailers that are equipped with up to five individually mounted product tanks, where up to four different products can be delivered from one trailer. The purpose of this service is to help the City of Anacortes eliminate the use of drum/tote storage and handling problems. Customer is responsible for product volume received not product volume ordered. There is no minimum delivery required and top-off service is available if needed. F.O.B Destination, Freight Prepaid. ANACORTES WASTEWATER TREATMENT PLANT, 500 T AVENUE, ANACORTES, WA 98221.

Work shall be in accordance with and as described in the City of Anacortes document entitled "Treatment Plant Chemicals 2021-2023" issued July 30, 2021 which is hereby incorporated by reference and made a part hereof, and shall perform any changes to the work in accord with the Specifications and General Conditions contained therein.

- II. Any changes to the work contracted herein shall be subject to contract modification signed by the Parties.
- III. The Unit prices and quantities are specified in the attached Supplier's Bid which is hereby incorporated by reference.
- IV. The contract time is from September 1, 2021 to August 31, 2023.

- V. The Supplier for himself/herself, and for his/her heirs, executors, administrators, successors, and assigns, does hereby agree to full performance of all covenants required of the Supplier in this Contract.
- VI. The Supplier shall coordinate all deliveries with the individual treatment plant(s).

The parties acknowledge that there has been an opportunity to negotiate the terms and conditions of this Agreement and agree to each bind itself, its partners, successors, assigns, and legal representatives to the other party hereto, in respect of all covenants, agreements, and obligations contained in the Contract Documents. Each of the persons signing below on behalf of any party hereby represents and warrants that s/he or it is signing with full and complete authority to bind the party on whose behalf of whom s/he or it is signing, to each and every term of this Agreement.

NORTHSTAR CHEMICAL, INC.

CITY OF ANACORTES

Laurie Gere, Mayor

Date

Date



CONTRACT 21-185-IDS-006

This Contract is between the City of Anacortes, Washington, a Municipal Corporation (herein after referred to as "City") and Hasa, Inc., a private company at 23119 Drayton St, Saugus, CA 91350 (herein after referred to as "Supplier").

WITNESSETH:

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

- I. The Supplier shall furnish:
360,000 Gallons of Sodium Hypochlorite 12.5% available chlorine minimum. Shall be delivered in bulk tank truckloads. Each bulk delivery shall not exceed 4,000 gallons of 12.5% solution. The City provides a two inch cam and groove fitting to accept delivery. The City will not pump the delivery off the truck nor shall the City supply high pressure air for that purpose. For deliveries to the Water Treatment Plant each delivery will be tested for clarity using a suspended solids quality test using vacuum filtration. The supplier shall provide a 1 liter sample from the truck to the operator for analysis prior to unloading. The 1 liter will be filtered and will be deemed acceptable if the 1 liter sample can be filtered in <3 minutes. Additional details can be provided on the test method upon request. Deliveries that fail the filter test will be rejected. Estimated quantities per location: 60,000 Gallons for F.O.B Destination, Freight Prepaid, ANACORTES WASTEWATER TREATMENT PLANT, 500 T AVENUE, ANACORTES, WA 98221; 300,000 Gallons for F.O.B Destination, Freight Prepaid, ANACORTES WATER TREATMENT PLANT, 14489 RIVER BEND ROAD, MOUNT VERNON, WA 98273.

Work shall be in accordance with and as described in the City of Anacortes document entitled "Treatment Plant Chemicals 2021-2023" issued July 30, 2021 which is hereby incorporated by reference and made a part hereof, and shall perform any changes to the work in accord with the Specifications and General Conditions contained therein.

- II. Any changes to the work contracted herein shall be subject to contract modification signed by the Parties.
- III. The Unit prices and quantities are specified in the attached Supplier's Bid which is hereby incorporated by reference.
- IV. The contract time is from September 1, 2021 to August 31, 2023.
- V. The Supplier for himself/herself, and for his/her heirs, executors, administrators, successors, and assigns, does hereby agree to full performance of all covenants required of the Supplier in this Contract.
- VI. The Supplier shall coordinate all deliveries with the individual treatment plant(s).

The parties acknowledge that there has been an opportunity to negotiate the terms and conditions of this Agreement and agree to each bind itself, its partners, successors, assigns, and legal representatives to the other party hereto, in respect of all covenants, agreements, and obligations contained in the Contract Documents. Each of the persons signing below on behalf of any party hereby represents and warrants that s/he or it is signing with full and complete authority to bind the party on whose behalf of whom s/he or it is signing, to each and every term of this Agreement.

HASA, INC.

CITY OF ANACORTES

Laurie Gere, Mayor

Date

Date



CONTRACT 21-185-IDS-007

This Contract is between the City of Anacortes, Washington, a Municipal Corporation (herein after referred to as "City") and Evoqua Water Technologies LLC, a private company at 2650 Tallevast Rd, Sarasota, FL 34243 (herein after referred to as "Supplier").

WITNESSETH:

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

- I. The Supplier shall furnish:
16,000 Gallons Calcium Nitrate Solution. Used for municipal wastewater odor control. Furnish as required in 4,000 gallon bulk tank loads. F.O.B Destination, Freight Prepaid, MOUNT VERNON WASTEWATER UTILITY, 320 ALDERLANE, MOUNT VERNON, WA 98273.

Work shall be in accordance with and as described in the City of Anacortes document entitled "Treatment Plant Chemicals 2021-2023" issued July 30, 2021 which is hereby incorporated by reference and made a part hereof, and shall perform any changes to the work in accord with the Specifications and General Conditions contained therein.

- II. Any changes to the work contracted herein shall be subject to contract modification signed by the Parties.
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- VI. The Supplier shall coordinate all deliveries with the individual treatment plant(s).

The parties acknowledge that there has been an opportunity to negotiate the terms and conditions of this Agreement and agree to each bind itself, its partners, successors, assigns, and legal representatives to the other party hereto, in respect of all covenants, agreements, and obligations contained in the Contract Documents. Each of the persons signing below on behalf of any party hereby represents and warrants that s/he or it is signing with full and complete authority to bind the party on whose behalf of whom s/he or it is signing, to each and every term of this Agreement.

EVOQUA WATER TECHNOLOGIES LLC

CITY OF ANACORTES

Laurie Gere, Mayor

Date

Date



CONTRACT 21-185-IDS-008

This Contract is between the City of Anacortes, Washington, a Municipal Corporation (herein after referred to as "City") and Two Rivers Terminal LLC, a private company at PO Box 2327, Pasco, WA 99302 (herein after referred to as "Supplier").

WITNESSETH:

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

- I. The Supplier shall furnish:
50,000 Gallons Calcium Nitrate Solution, 60% concentration minimum. Used for municipal wastewater odor control. Furnish as required in 4,000 gallon bulk tank loads. F.O.B Destination, Freight Prepaid, ANACORTES PUMP STATION #13 5918 CABANA WAY, and/or PUMP STATION #14 2100 Ferry Terminal Rd, and/or PUMP STATION #18 8071 S MARCH'S POINT RD, and/or PUMP STATION #20 9430 S MARCH'S POINT RD, ANACORTES, WA 98221.

Work shall be in accordance with and as described in the City of Anacortes document entitled "Treatment Plant Chemicals 2021-2023" issued July 30, 2021 which is hereby incorporated by reference and made a part hereof, and shall perform any changes to the work in accord with the Specifications and General Conditions contained therein.

- II. Any changes to the work contracted herein shall be subject to contract modification signed by the Parties.
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- V. The Supplier for himself/herself, and for his/her heirs, executors, administrators, successors, and assigns, does hereby agree to full performance of all covenants required of the Supplier in this Contract.
- VI. The Supplier shall coordinate all deliveries with the individual treatment plant(s).

The parties acknowledge that there has been an opportunity to negotiate the terms and conditions of this Agreement and agree to each bind itself, its partners, successors, assigns, and legal representatives to the other party hereto, in respect of all covenants, agreements, and obligations contained in the Contract Documents. Each of the persons signing below on behalf of any party hereby represents and warrants that s/he or it is signing with full and complete authority to bind the party on whose behalf of whom s/he or it is signing, to each and every term of this Agreement.

TWO RIVERS TERMINAL LLC

CITY OF ANACORTES

Laurie Gere, Mayor

Date

Date

CHEMICAL COST COMPARISON

Chemical	2020-2021		2021-2023		Cost Difference
1. Aluminum Sulfate - per ton	ChemTrade Chemicals	\$384.00	Eco Services Corp.	\$355.00	-\$29.00
2. Polymer - WTP - Clarifloc A-3310 - per lb	Polydyne, Inc.	\$1.80	Polydyne, Inc.	\$2.00	\$0.20
3. Fluoride - per lb	Cascade Columbia	\$0.93	Cascade Columbia	\$1.28	\$0.36
4. Sodium Hydroxide					
4a. Sodium Hydroxide (300 Dry Tons)	Univar	\$590.00	Univar	\$777.00	\$187.00
4b. Sodium Hydroxide (5,000 Gallons)	NorthStar Chemical	\$1.30	NorthStar Chemical	\$1.87	\$0.57
4c. Sodium Hydroxide (500 Gallons)	Univar	\$1.39	NorthStar Chemical	\$3.83	\$2.44
4d. Sodium Hydroxide (150,000 Gallons)	Univar	\$0.80	Univar	\$1.055	\$0.25
5. Sodium Hypochlorite - per gallon	Hasa, Inc.	\$0.88	Hasa, Inc.	\$1.148	\$0.27
6. Polymer - WWTP - Clarifloc WE785 - per lb	Polydyne, Inc.	\$1.35	Polydyne, Inc.	\$1.50	\$0.15
7. Sodium Bisulfite - per gallon	NorthStar Chemical	\$3.61	NorthStar Chemical	\$4.81	\$1.20
8. Calcium Nitrate Solution					
8a. Calcium Nitrate Solution (8,000 Gal)	Evoqua	\$2.04	Evoqua	\$2.50	\$0.46
8b. Calcium Nitrate Solution (25,000 Gal)	Two Rivers Terminal	\$1.92	Two Rivers Terminal	\$2.15	\$0.23



City Council Agenda Bill

Meeting Date: August 23, 2021 **Agenda Item:** 7.a.

Agenda Item Title: Contract Award: Water Supply Agreement with Samish Indian Nation #21-198-WTR-001

Staff Contact(s): FRED BUCKENMEYER, BRIAN MCDANIEL

<u>Approved for Submittal to Council by</u>	<u>Action Type</u>
TIFFANY MATSON	Contract Award
BRIAN MCDANIEL	
FRED BUCKENMEYER	

Item Summary: City staff seeks Council consent to enter into contract #21-198-WTR-001 with the Samish Indian Nation ("Samish") to secure a supply of water for the Samish residential and commercial/industrial water supply requirements in an area within the City's water service area. The City shall deliver water to Samish at a point on 14128 Smeyes Run Drive, Anacortes WA, 98221 within the Anacortes Service Area (Agreement Exhibit D, "Samish Water Service," prepared by Pacific Surveying and Engineering, Inc.).

Budget Impact:

Samish shall be responsible for paying all costs associated with installing new transmission mains and service connections. The water system in the Agreement Area shall include the necessary piping and valves, pump stations, metering equipment of standard manufacture, and suitable isolating or backflow prevention devices as appropriate.

Samish shall be considered an out-of-city commercial account and shall pay the fees according to the City Unified Fee Schedule for the General Facility Charges and monthly usage rates for monthly service charge for a 1.5" meter regardless of whether it uses any water. In addition, Samish shall pay the monthly consumption charge for any water used.

Previous Action: N/A

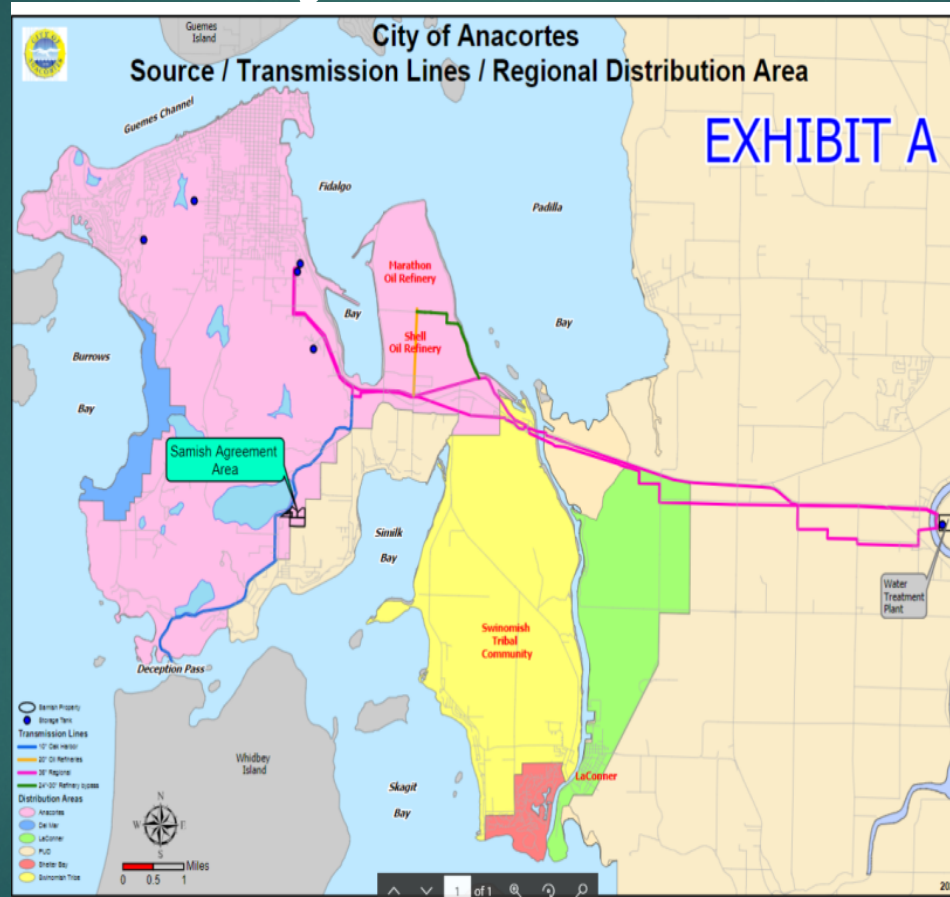
Recommended Motion: I move that City Council authorize the Mayor to sign the Water Supply Agreement #21-198-WTR-001 with the Samish Indian Nation.

Alternative Actions: Not approve the agreement.

Attachments (listed in order presented):

1. Staff Slide Presentation
2. 21-198-WTR-001

Water Supply Agreement Samish Indian Nation 14128 Smeyes Run Drive

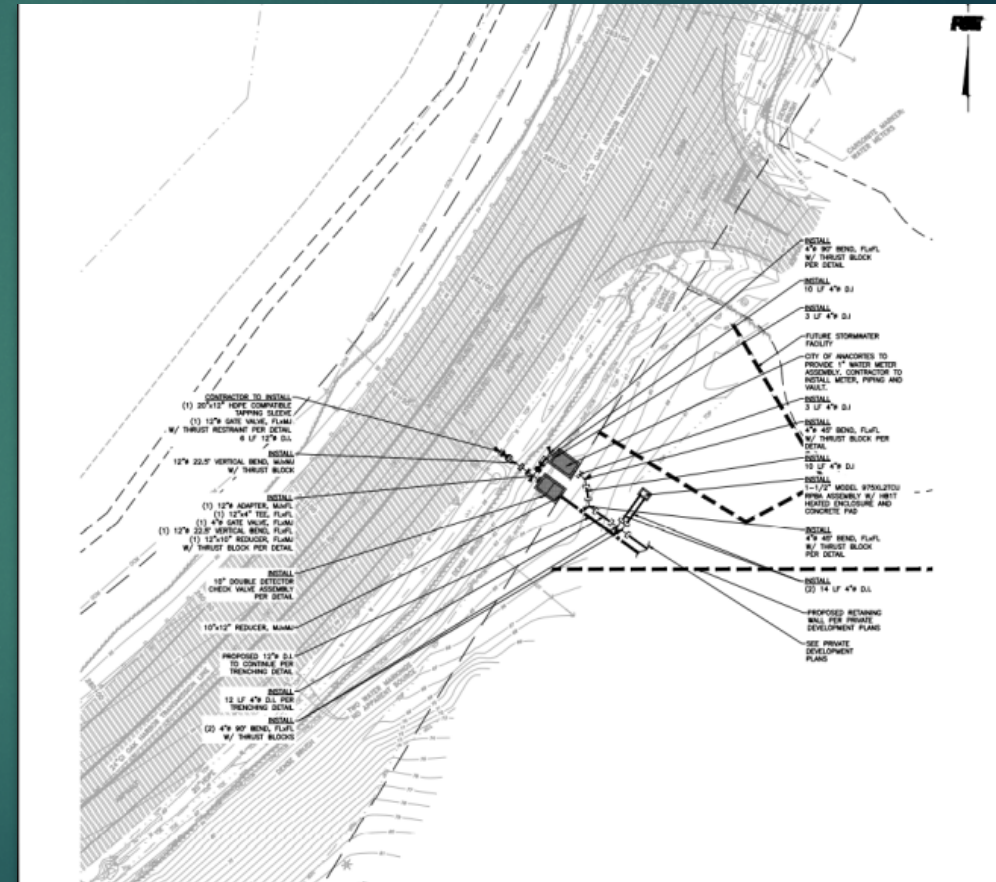


CITY OF ANACORTES
PUBLIC WORKS



Agreement Details

- ◆ Provide Water Service to a Commercial Property Fuel Station
- ◆ 12" Dedicated fire service – Unmetered
- ◆ 1 ½" Commercial Use. Outside City Rate
- ◆ 288,000 Gallon Daily Maximum, not to exceed 105.120 million Gallons per year, 2500 gallons per minute peak combine domestic use and fire use demand.



Questions?

Thank You

CITY OF ANACORTES
PUBLIC WORKS



Brian McDaniel Water System Manager

**WATER SUPPLY AGREEMENT
BETWEEN
CITY OF ANACORTES
AND
SAMISH INDIAN NATION**

1. **AGREEMENT.** This Water Supply Agreement (“Agreement”) is entered between the City of Anacortes (“City”) and the Samish Indian Nation (“Samish”). Samish and City are each a “Party” and collectively the “Parties” to this Agreement. It replaces and supersedes any previous agreements or understandings, oral or written, between the parties.

2. **RECITALS.**

2.1 Purpose. Samish enters this Agreement to secure a supply of water for its residential and commercial/industrial water supply requirements in an area within the City’s water service area shown on attached Exhibit A (“Agreement Area”). The City owns and operates a municipal water supply system, has water supply available to serve Samish and is willing to supply water according to the terms and conditions of this Agreement. The City acknowledges that it has an obligation to provide services to Samish under this Agreement on an equal basis with services provided to other parties and property within its jurisdiction.

2.2 City System. The City's water supply system includes: 1) the water intake and treatment facilities near Avon on the Skagit river; 2) the City's water transmission pipelines from the water treatment facilities to the 3 million gallon reservoir on Whistle Lake Road in Anacortes; 3) the City's 3 million gallon reservoir and booster station located on Whistle Lake Road; 4) transmission pipelines to the City's 2 million gallon 29th Street reservoir and its 2 million gallon Skyline reservoir; 5) the 29th Street reservoir and the Skyline reservoir; 6) the City's transmission and distribution lines that will serve Samish; and, 7) all appurtenances and associated systems.

2.3 Prior Agreements. This Agreement is in addition to and does not supersede the City – Tribe 2014 Agreement Regarding the Provision of City Services and Other Matters Relating to Tribal Trust Lands within the City (“2014 Agreement”). The 2014 Agreement does not apply to the provision of water service to the Agreement Area under this Agreement. To the extent that there is any inconsistency between the provisions of this Agreement, any exhibit incorporated as part of this Agreement, or rules and regulations of the City, the provisions of this Agreement shall control.

3. **QUANTITY.** The City shall supply quantities and pressures of water at location(s) and in amounts as stated in this Agreement (Exhibits B & C), and any subsequent Amendments to this Agreement.

4. **DELIVERY POINTS.**

4.1 Approved Delivery Points. The City shall deliver water to Samish at a point on 14128 Smeyes Run Drive, Anacortes WA, 98221 within the Anacortes Service Area (Agreement Exhibit D, “Samish Water Service,” prepared by Pacific Surveying and Engineering, Inc.).

4.2 New Delivery Points. Samish may request service at additional delivery points subject to the approval of the City. The City may approve new service connections consistent with the concept that service to the City's water supply system would not be otherwise impeded. The City shall provide for the design and construction of water transmission lines to the Samish property boundary. All connections to the Water System will require prior City approval.

4.3 Costs. Samish shall be responsible for paying all costs associated with installing new transmission mains and service connections. The water system in the Agreement Area shall include the necessary piping and valves, pump stations, metering equipment of standard manufacture, and suitable isolating or backflow prevention devices as appropriate.

4.4 Compliance with City Water Code. Samish will meet or exceed the substantive provisions of the AMC related to protection of the water supply contained in the City's adopted building, fire and sewer codes, in receiving water service from the City in the Agreement Area.

5. **QUALITY OF WATER.**

5.1 Standards. The City shall operate and maintain its water supply system in order to supply water for residential or commercial/industrial purposes that meet the water quality standards of the Washington State Department of Health and the U.S. Environmental Protection Agency, including periodic revisions to those standards. The City shall employ the normal care and practices of water utilities with respect to meeting water quality standards.

5.2 Limited Liability. The City shall not be liable to Samish for failure to meet the water quality standards for reasons that are outside the control of the City. Samish shall save, keep and hold harmless the City, its officers, agents, employees from all damages, costs or expenses in law or equity that may at any time arise or be set up because of damages to property or personal injury received by reason of any water quality related claim, unless said damages arise solely from the negligence of the City.

6. **RATES AND CHARGES.**

6.1 Rates and Payment. Samish shall be considered an out-of-city commercial account and shall pay the fees according to the City Unified Fee Schedule for the General Facility Charges and monthly usage rates for monthly service charge for a 1.5" meter regardless of whether it uses any water. In addition, Samish shall pay the monthly consumption charge for any water used. All rates and charges shall include applicable City and state utility and other taxes on such services, but such rates shall apply uniformly against all customers and Samish shall not be considered a separate class of customer under this Agreement. In establishing classes of customers, the City shall act in good faith and will not use the establishment of a separate class as a basis to charge the Agreement Area unique or discriminatory water service rates and charges, and as allowed by federal law.

6.2 Meter Reading. The City shall read Samish's meter each month and invoice Samish accordingly. Procedure for non-payment of due and payable billing shall be in accordance with the current City ordinances, including but not limited to cessation of service for non-payment.

6.3 Rate Adjustments. The monthly service and consumption charges shall be in accordance with current City water ordinances and shall be automatically adjusted according to any future increases in the City's rates. Samish shall pay the appropriate monthly service charge and consumption charge for any future service connections to the City's system.

6.4 System Development Charge. Samish will pay the standard City capital facility charges, connection, system development and similar charges (collectively, "System Development Charges") for water systems applicable to the type and size of development to be constructed. The payment shall be made within 60 days of the connection to the City meter.

7. METERING.

7.1 Metered Service. The volume of water delivered to Samish shall be measured by metering equipment installed in accordance with Agreement Section 4. The meter shall be maintained and read by the City. It shall be tested by the City periodically, but not less than once per year, to ensure its continuing accuracy and conformance to the standards of measurement and service accepted in the water industry. Samish has the right to be notified ahead of time and be present at any of the regularly scheduled tests. The cost of conducting such tests shall be borne by the City. These tests may also be conducted at other times at the request of Samish and Samish may elect to have a representative witness the meter test. If the meter is accurate, Samish shall pay for the cost of the test; but if the test reveals an inaccuracy of more than 2 percent, the City shall pay for the test. If an inaccuracy of more than 2 percent is discovered, all billings for water furnished hereunder from the date of the preceding test or for the previous 6 months, whichever is less, shall be adjusted. The adjustment shall be for the full amount in excess of 2 percent.

7.2 Unmetered Service. Fire flow service to the Agreement Area initially will not be metered. Provided, however, if unmetered water is used through an automatic fire sprinkler service connection or for any purpose (e.g., irrigation, filling of swimming pools) other than fire services, the City shall have the right either to place a meter on the fire service connection at Samish's expense and to charge at metered rates for all water previously used, or to shut off the entire supply of water to the Agreement Area through the service connections. In this Section 7.2, "fire services" mean fire-fighting, fire-training, hydrant testing and flushing, and fire vehicle filling and testing.

8. **CONTINUITY OF SERVICE.** The City shall use reasonable diligence to provide a regular and uninterrupted supply to Samish's approved delivery point(s), but shall not be liable to Samish for damages, breach of contract, or otherwise for interruption of service or curtailment of supply for any cause beyond the control of the City, *provided*, that such interruption or curtailment shall take place on the same basis as other commercial City water users. These could include, but are not limited to, Acts of God, sabotage, war, fires, floods, earthquakes or other catastrophes, strikes, or failure or breakdown of the water supply system. Samish shall hold the City harmless from any claim for damages related to continuity of service by third parties served by Samish, to the extent that the claim arises out of Samish's negligence.

9. FUTURE SUPPLY.

9.1 Service Area. This Agreement is to supply water to the Agreement Area. In this regard, Samish shall not expand its service area beyond the Agreement Area or within the

Agreement Area in a manner that would increase its water requirements by more than 10 percent, without the prior approval of the City.

9.2 **Water Supply Requirements.** The City operates its water supply for the purpose of delivering an adequate supply of good quality water to all of its customers. The City shall maintain and to operate its system so as to meet the volumes contracted for by its customers, consistent with the needs of all its customers.

9.3 **Capacity Limitations.** Samish shall restrict its water usage to the quantities set forth in Agreement Exhibit C, unless otherwise approved in writing by the City. Any such City approval will consider capital needs of City System and may require capital improvements to the System. City has absolute discretion to limit future increases in water use, or the peak demands of Samish if the usage by customers, including Samish, approach the capacity of the water supply system, on the same basis it limits increases or peak demands for other City commercial water users.

9.4 Samish has selected a 1.5-inch meter for the initial provision of water service to the Agreement Area. As its water needs increase, Samish may request a larger meter to serve its additional needs. If approved per section 9.3, City will install a larger meter, charge Samish the then-current connection fee for that larger meter, and credit Samish for the then-current connection fee for the smaller meter being replaced.

10. **TERM.** This Agreement shall remain take effect upon execution by each of the Parties, (“Effective Date”) and remain in full force and effect for a period of 20 years from the date of its Effective Date, except that either Party can request amendment or renegotiation of this Agreement not more frequently than on an annual basis.

11. **RECORDS INSPECTION.** The City shall maintain and make available for inspection at reasonable times all records pertaining to the water system. These records shall be maintained consistent with the City’s record retention policy under the Washington Public Records Act.

12. **NOTICES.** All notices authorized under this Agreement shall be given by first class mail, postage prepaid. Notice so mailed shall be deemed to have been received on the third business day following the date of mailing. Notices shall be to the following addresses or to such alternative addresses as are provided for in a written notice given by one Party to the other:

For the City:

Mayor
City of Anacortes
P.O. Box 547
Anacortes, WA 98221

For Samish:

Governance Officer
Samish Indian Nation
P.O. Box 217
Anacortes, WA 98221

The Parties are also encouraged to communicate with each other by phone, e-mail, or by other communication methods, but the method specified in this section is required for all official notices unless expressly agreed to in the alternative in writing.

13. **GENERAL.**

13.1 Applicable Law. This agreement and all disputes arising hereunder shall be governed by Washington State Law.

13.2 Amendments. Either the City or Samish may give the other Party written notice at any time, initiating negotiations to amend, modify or terminate this Agreement. In such event, the Parties will enter into good faith negotiations regarding the proposed amendment, modification or termination. This Agreement will remain in effect until amended, modified or terminated pursuant to such negotiations, or terminated as elsewhere provided by this Agreement.

13.3 Taxation or Regulation by the City. Nothing in this Agreement shall be deemed to authorize the City to impose any tax, fee, charge, or assessment upon Samish, Tribal Property or any Tribal activity, or to exercise any regulatory authority over Samish, Tribal Property or any Tribal activity, except for fees, charges, taxes or regulatory authority expressly authorized by this Agreement.

13.4 Preservation of Tribal Self-Government. Except as otherwise set out in this Agreement, the Agreement does not authorize the City to regulate or interfere in any manner with the government of Samish or to interfere with Samish sovereignty or legal authority.

13.5 Rights Limited to City and Samish. This Agreement is exclusively for the benefit of and governs only the respective authorities and relations between Samish and the City, and does not create, grant or confer any rights whatsoever to any third party, person or entity.

13.6 Limited Waiver of Sovereign Immunity. Samish and the City agree to waive their respective sovereign immunity, in limited fashion, solely for purposes of this Agreement. The waiver of sovereign immunity made by each Party is limited to the specific actions and remedies authorized in this Agreement, and are made only in favor of the other Party and not for any other person, party or entity. The City and Samish expressly consent to the jurisdiction of the Superior Court for Skagit County and the United States District Court for the District of Western Washington for any claims between the Parties rising under this Agreement. Samish specifically waives any legal right it may have under federal law to exhaustion of Tribal Court remedies before any action may be brought by the City in Superior or District Court as set out in this Agreement Section 13.6.

13.7 Alternative Dispute Resolution. The City and Samish may by separate written agreement pursue alternative dispute resolution methods rather than judicial proceedings authorized under this section. In the event the City and Samish agree to pursue alternative dispute resolution for a particular claim, the Parties shall do so in writing.

13.8 Severability. In the event any section or provision of this Agreement is held invalid, either Party may initiate negotiations to amend or modify this Agreement in response to such invalidity and, if the Party is not satisfied with the outcome of such negotiations, may terminate this Agreement by giving written notice of termination to the other Party pursuant to the terms of this Agreement. If neither Party exercises its rights under this subsection, it is the intent of the City and Samish that the remaining sections and provisions of the Agreement will continue in full force and effect.

13.9 Integration – Construction. This Agreement contains the complete and exclusive expression of the City’s and Samish’s intent and agreement. Both Parties were advised by legal counsel, and participated in the drafting of this Agreement. There shall be no construction of this Agreement based on the origination or edits of any provision of this Agreement by a Party.

14. **EXECUTION AND APPROVAL.** Each of the below representatives of the Parties represent and warrant that each has been duly authorized to execute the Agreement for and on behalf of the identified Party.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of dates below-written.

CITY OF ANACORTES

SAMISH INDIAN NATION

By _____
Title: Mayor

By _____
Title: Tribal Chairman

Date: _____

Date: _____

ATTEST:

_____,
Steven D. Hoglund
City Clerk

Darcy Swetnam
City Attorney



City of Anacortes Source / Transmission Lines / Regional Distribution Area

EXHIBIT A

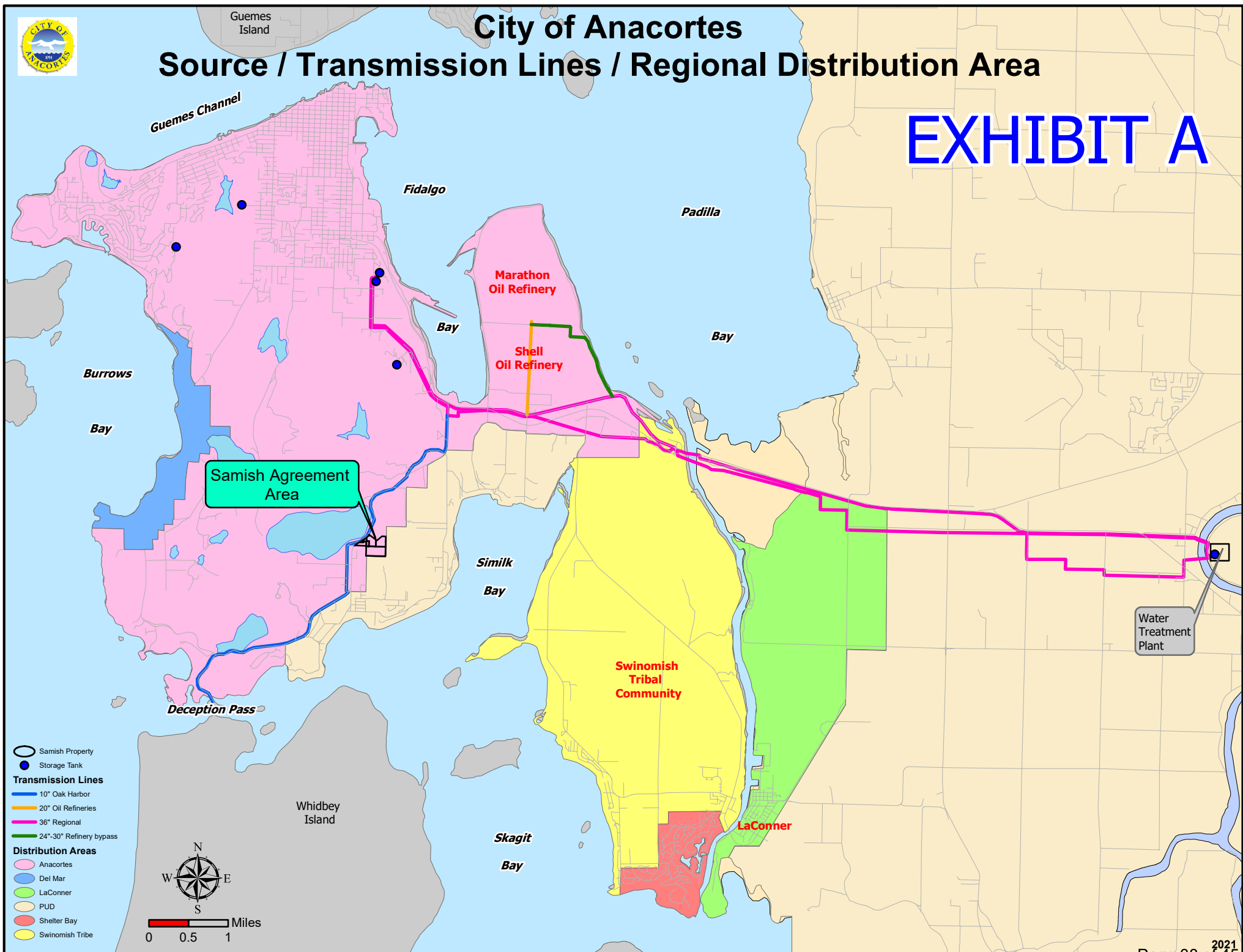


EXHIBIT B

Water Supply Agreement Between the City of Anacortes and Samish Indian Nation

Approved Metered Service Connections:

<u>Location</u>	<u>Size</u>	<u>Description</u>
1.14128 Smeyes Run Drive, Anacortes WA, 98221	1.5"	Sensus
2. 14128 Smeyes Run Drive, Anacortes WA, 98221	12"	Dedicated Fire Service Unmetered

EXHIBIT C

Water Supply Agreement Between the City of Anacortes and Samish Indian Nation

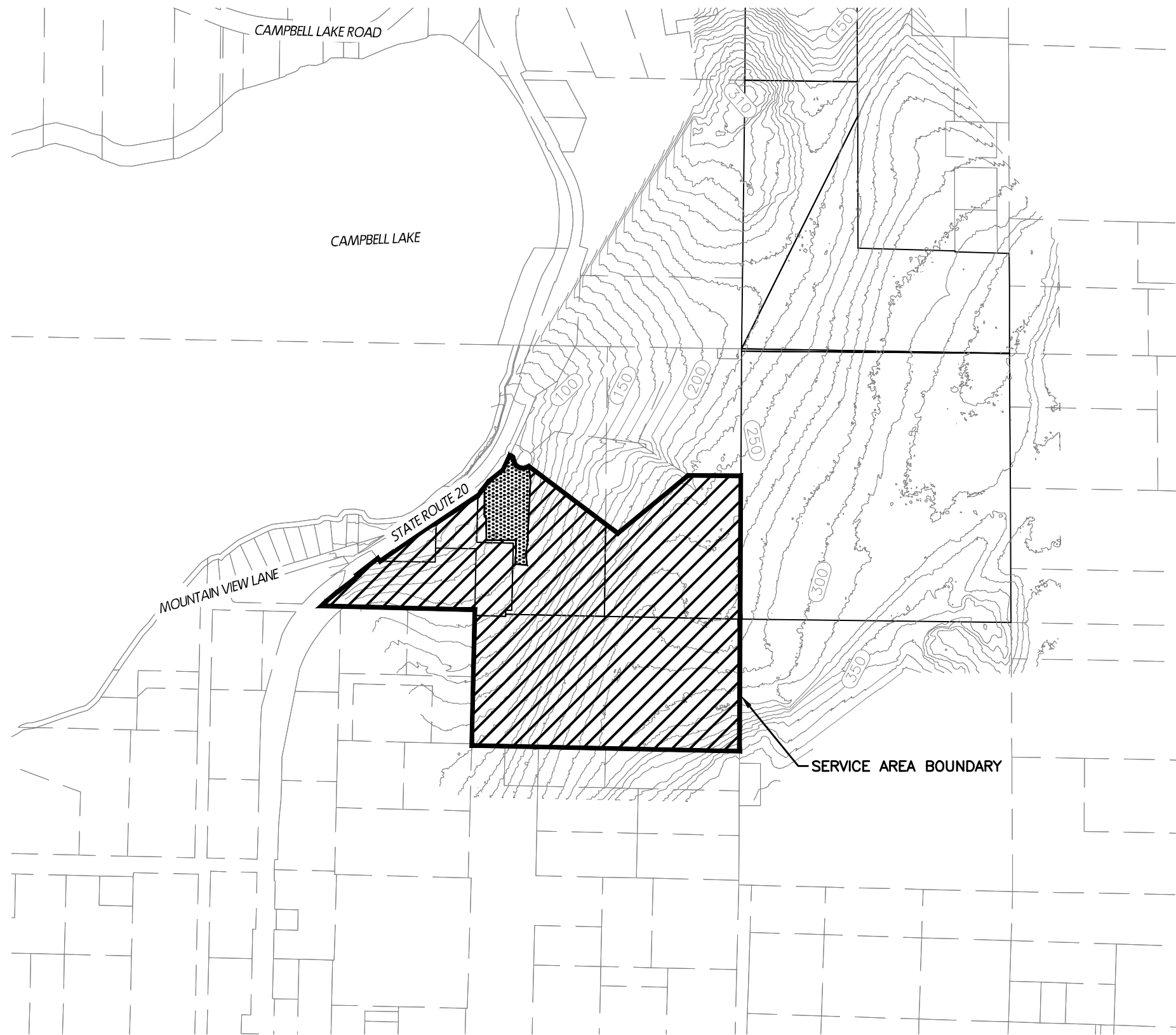
1. Committed Water Volume

288,000 Gallon Daily Maximum, not to exceed 105.120 million Gallons per year, 2500 gallons per minute peak combine domestic use and fire use demand.

2. Water pressure:

As mutually agreed

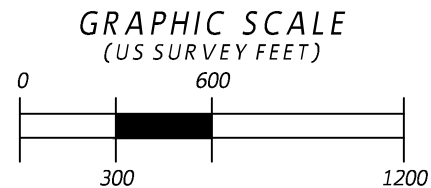
P:\Pse Project\2020166\DWGs_-SHEET\2020166_Water_Service_Bndry.dwg



LEGEND

 FUTURE DEVELOPMENTS TO BE SERVED BY CITY OF ANACORTES

 FUEL STATION INITIAL SERVICE AREA



**PACIFIC SURVEYING
& ENGINEERING, INC.**
909 Squalicum Way, Suite 111 | BELLINGHAM, WA 98225
T: 360.671.7387 | F: 360.671.4685
WWW.PSESURVEY.COM | INFO@PSESURVEY.COM

SAMISH INDIAN NATION
P.O. BOX 217
ANACORTES, WA 98221

**CITY OF ANACORTES
WATER SERVICE BOUNDARY
TO SAMISH NATION**

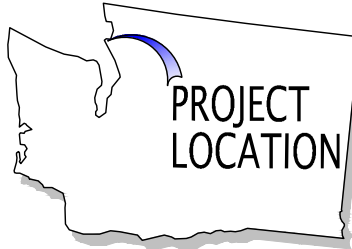
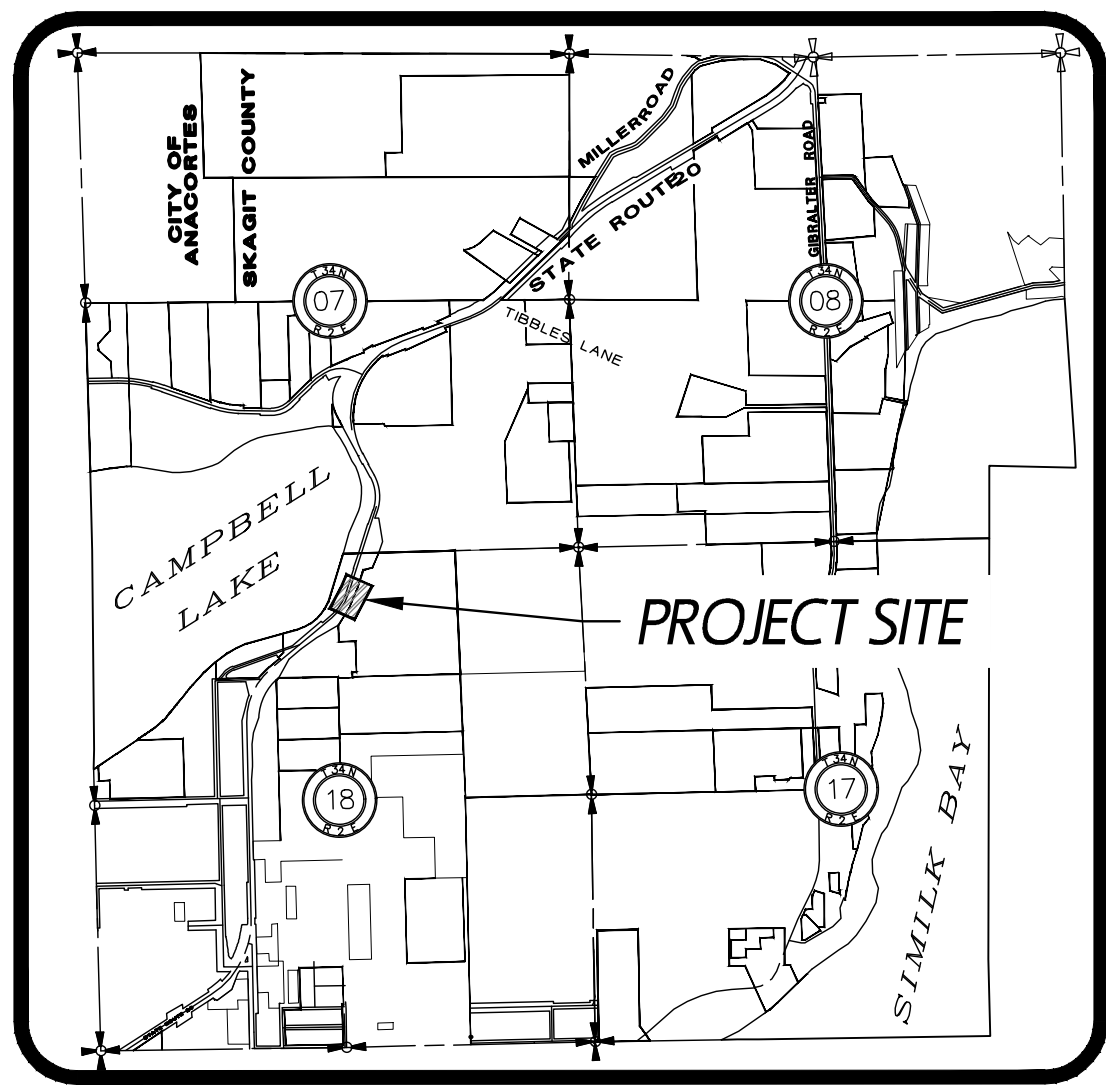
DRAWN:	PD	SCALE:	1" = 600'
CHECKED:	JVY	JOB#:	2020166
DATE:	6/24/2021	DWG2020166_Water_Service_Bndry.dwg	
SHEET		01	OF 01

SECTION 18 TOWNSHIP 34 NORTH, RANGE 2 EAST, ANACORTES,
SKAGIT COUNTY, WASHINGTON

PROPOSED SITE PLANS
SR20 WATER SERVICE CONNECTION

PROJECT ADDRESS: 14128 SMEYES RUN DRIVE, ANACORTES, WA 98221

VICINITY MAP



SHEET INDEX

- 1) COVER AND NOTES
- 2) SR20 WATER SERVICE CONNECTION
- 3) SERVICE AREA BOUNDARY
- 4) DETAILS

LEGEND

EXISTING FEATURE SYMBOL LEGEND

- EXISTING MONUMENT
- EXISTING REBAR AND CAP
- SET REBAR & RED PLASTIC CAP
- SET REBAR & ORANGE PLASTIC CAP
- SET HUB AND TACK
- SET HUB AND MAG
- SET P.K. NAIL
- SET NAIL/FLASHER
- EXISTING STORM DRAIN CLEANOUT
- EXISTING CATCH BASIN
- EXISTING GATE VALVE
- EXISTING WATER METER
- EXISTING WATER QUALITY TEST BOX
- EXISTING STOP SIGN
- EXISTING STREET SIGN
- EXISTING POWER POLE
- EXISTING POWER POLE W/DROP
- EXISTING STREET LIGHT POLE
- EXISTING STREET LIGHT POLE W/ DROP
- EXISTING YARD LIGHT
- EXISTING UTILITY POLE
- EXISTING GROUND GUY
- EXISTING ELECTRIC HANDHOLD
- EXISTING ELECTRICAL PEDESTAL/RISER
- EXISTING TELEPHONE PEDESTAL/RISER
- EXISTING ELECTRIC METER/SWITCH
- EXISTING CARSONITE POST, AS NOTED
- EXISTING FIR TREE
- DIAMETER OF EXISTING TREE

EXISTING LINE LEGEND

- EXISTING EDGE OF ASPHALT
- EXISTING EDGE OF CONCRETE
- EXISTING EDGE OF GRAVEL ROAD
- EXISTING STORM CULVERT
- EXISTING STORM DRAIN LINE
- EXISTING WATER LINE
- RECORD WATER LINE
- EXISTING OVERHEAD ELECTRIC LINES
- EXISTING OVERHEAD ELECTRIC & COMMUNICATION LINES
- EXISTING UNDERGROUND POWER
- EXISTING OVERHEAD COMMUNICATIONS LINE
- EXISTING OVERHEAD GUY WIRE LINE
- EXISTING TOP OF SLOPE LINE
- EXISTING TOE OF SLOPE LINE
- EXISTING GRADE INDEX CONTOUR
- EXISTING GRADE INTERVAL CONTOUR
- EXISTING FLOW LINE
- EXISTING EDGE OF BRUSH
- EXISTING GUARDRAIL

PROPOSED FEATURE SYMBOL LEGEND

- PROPOSED 90° BEND, MJ
- PROPOSED 45° BEND, MJ
- PROPOSED TEE, FL
- PROPOSED GATE VALVE, FLX MJ
- PROPOSED TAPPING TEE & VALVE
- PROPOSED VERTICAL BEND, MJ
- PROPOSED VERTICAL BEND, FL
- PROPOSED THRUST BLOCK

PROPOSED LINE LEGEND

- PROPOSED WATER LINE

ABBREVIATIONS

ACP	ASPHALT CONCRETE PAVING	F.HYD.	FIRE HYDRANT	RT	RIGHT
ADA	AMERICAN DISABILITIES ACT	F/C	FACE OF CURB	R/W	RIGHT OF WAY
A.F.#	AUDITOR'S FILE NUMBER	FF	FINISH FLOOR	SD	STORM DRAIN
APWA	AMERICAN PUBLIC WORKS ASSOCIATION	FG	FINISH GRADE	SDCB	STORM DRAIN CATCH BASIN
APPROX.	APPROXIMATE	FL	FLOWLINE	SDR	STANDARD DIAMETER RATIO
A.D.	ALGEBRAIC DIFFERENCE	FS	FINISH SURFACE	SDMH	STORM DRAIN MANHOLE
B/C	BACK OF CURB	GA	GAUGE	SVC	SERVICE
BW	BOTTOM OF WALL	GALV.	GALVANIZED	SPEC.	SPECIFICATION
BMP	BEST MANAGEMENT PRACTICE	H.C.	HANDICAP	SSCO	SANITARY SEWER CLEAN-OUT
BVCS	BEGINNING VERTICAL CURVE STATION	IE	INVERT ELEVATION	SSMH	SANITARY SEWER MANHOLE
BVCE	BEGINNING VERTICAL CURVE ELEVATION	INV.	INVERT	STD	STANDARD
CB	CATCH BASIN	K	RATE OF VERTICAL CURVATURE	STA	STATION
C&G	CURB AND GUTTER	LT	LEFT	S/W	SIDEWALK
CL	CENTERLINE	LF	LINEAL FEET	SF	SQUARE FOOT
CMP	CORRUGATED METAL PIPE	MAX.	MAXIMUM	T/W	TOP OF WALL
CMU	CONCRETE MASONRY UNIT	MIN.	MINIMUM	TBOC	TOP BACK OF CURB
CONC.	CONCRETE	N.I.C.	NOT IN CONTRACT	TC	TOP OF CURB
CPP	CORRUGATED POLYETHYLENE PIPE	NVPA	NATIVE VEGETATION PROTECTION AREA	TF	TOP OF FOOTING
DIA.	DIAMETER	OHWM	ORDINARY HIGH WATER MARK	TP	TOP OF PIPE
EQ	EXISTING GRADE	PROP.	PROPOSED	TPP	TYPICAL
EL	ELEVATION	PERF.	PERFORATED	VC	VERTICAL CURVE LENGTH
EOP	EDGE OF PAVEMENT	PVC	POLYVINYL CHLORIDE	WM	WATER METER
EVCS	ENDING VERTICAL CURVE STATION	PVI	POINT OF VERTICAL INFLECTION	WSDOE	WASHINGTON STATE DEPT. OF
EVCE	ENDING VERTICAL CURVE ELEVATION	PC	POINT OF CURVATURE	ECOLOGY	ECOLOGICAL
EX	EXISTING	PT	POINT OF TANGENCY	WSDOT	WASHINGTON STATE DEPT. OF
F&G	FRAME AND GRATE	R=	CURVE RADIUS	TRANSPORTATION	

GENERAL NOTES

1. WORK HOURS:
THE CITY OF ANACORTES ORDINANCE ALLOWS WORK FROM 7:00 A.M. TO 10:00 P.M., SEVEN DAYS A WEEK (COA ORD. #2316). SOMEONE IN CHARGE TO BE ON SITE AT ALL TIMES WHEN WORK IS IN PROGRESS. IF WORK IS DONE ON WEEKENDS, PLEASE INFORM THE PROJECT MANAGER SO THE CITY OF ANACORTES CAN HAVE AN INSPECTOR ON SITE. CONTRACTOR WILL BE BILLED FOR CITY OF ANACORTES OVERTIME.
2. CALL 48-HOURS BEFORE THE FOLLOWING:
FOR INSPECTION CONTACT 360.299.1951.
A. PRIOR TO WORK START-UP
B. PRIOR TO ANY UTILITY CONSTRUCTION IN THE RIGHT OF WAY.
C. PRIOR TO POURING CAST-IN-PLACE CONCRETE STRUCTURES.
D. PRIOR TO PLACING ANY CRUSHED ROCK ON ROADWAY SUB GRADE.
E. PRIOR TO PLACING CURB, GUTTERS AND SIDEWALKS.
F. PRIOR TO ASPHALT PAVING.
3. MATERIALS AND WORKMANSHIP:
A. ALL MATERIALS USED, MUST MEET WSDOT, APWA AND CITY OF ANACORTES SPECIFICATIONS.
B. ALL WORK AND MATERIALS THAT DO NOT MEET THE ABOVE SPECIFICATIONS MUST BE REMOVED AS DIRECTED BY THE PROJECT INSPECTOR.
C. SUBGRADE COMPACTION TESTS: WILL BE DONE BEFORE ANY C.S.B.C IS PUT IN PLACE, ALL TRENCHES WILL BE TESTED FOR COMPACTION. THE MATERIAL TESTING LAB NEEDS 24-HOUR NOTICE. USE THE TESTING PROTOCOL PROVIDED BY THE CITY. ITEMS TO BE COMPACTION TESTED WILL INCLUDE THE PIPE BEDDING (SECTION 7-08.3(1)C), BACKFILL (SECTION 7-08.3(3) AND SUB GRADE FOR SURFACING (SECTION 2-06.3(2)) AND ASPHALT (SECTION 5-04.3(10)B).
D. INSPECTION: ALL ASPECTS OF THIS PROJECT WILL BE INSPECTED INCLUDING PIPING, BACKFILL, SUB GRADE, CONCRETE AND ASPHALT, AS WELL AS FORMS, CURB, GUTTER AND SIDEWALK. IF A PORTION GETS BACKFILLED BEFORE INSPECTION, THE CONTRACTOR WILL DIG UP THAT PORTION FOR INSPECTION. 24-HOUR NOTICE REQUIRED. KNOW THE SCHEDULE AND LET THE CITY KNOW.
E. TESTING PROTOCOL: PRIOR TO CONSTRUCTION, A PROCTOR AND SIEVE ANALYSIS SHALL BE SUBMITTED, REVIEWED AND APPROVED BY THE CITY OF ANACORTES ON ALL MATERIAL USED IN THE RIGHT-OF-WAY. SEE THE CITY OF ANACORTES TESTING SCHEDULE.
F. ALL COMPACTION TEST SHALL BE APPROVED BY THE CITY OF ANACORTES ENGINEER AND PROJECT MANAGER PRIOR TO PLACING OF CRUSHED SURFACING, ASPHALT, CURB, GUTTER, SIDEWALK (INCLUDING TRENCH RESTORATION WHEN TEST MAY BE REQUIRED IN EACH LIFT).
G. CITY OF ANACORTES MAY REQUIRE ADDITIONAL TESTS ON SUB GRADE, TRENCHES, CONCRETE, OR ASPHALT. THE COSTS OF TESTING SHALL BE PAID FOR AS INDICATED IN THE CONTRACT DOCUMENTS.
4. TRAFFIC CONTROL AND PUBLIC SAFETY:
A. FLAGGING: ALL FLAGGERS MUST HAVE FLAGGING CERTIFICATES AND MUST HAVE ATTENDED A FLAGGING COURSE OR AN OFF DUTY POLICE OFFICER IS REQUIRED. THE JOB WILL BE SHUT DOWN IF ANY UNCERTIFIED PEOPLE ARE FLAGGING. A STOP WORK ORDER WILL BE GIVEN AND WORK WILL NOT PROCEED UNTIL A CERTIFIED PERSON IS FLAGGING.
B. SIGNAGE: ALL SIGNAGE MUST BE PER THE MANUAL UNIFORM TRAFFIC DEVICES. BEFORE JOB IS TO BEGIN, PROPER SIGNAGE WILL BE IN PLACE WITH FLAGGERS IN PLACE IF NEEDED. EXTRA SIGNAGE MAY BE NEEDED. BE READY TO RENT SIGNS IF NEEDED.
C. TRAFFIC CONTROL PLAN: NEEDS TO BE SUBMITTED AND APPROVED BY THE ASSISTANT CITY ENGINEER PRIOR TO CONSTRUCTION START. TRAFFIC CONTROL PLAN SHALL INCLUDE THE LOCATION OF SIGNAGE, FLAGGERS, WORK ZONE, SAFE ZONE, AND TRAFFIC FLOW AND NEEDED DIMENSIONS. NO DETOURS ALLOWED WITHOUT APPROVAL FROM THE ASSISTANT CITY ENGINEER.
D. FOR STREET CLOSURE: CALL 911.
E. CONSTRUCTION SAFETY: IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ROADWAY EMBANKMENT AND SUBGRADE CONSTRUCTION:
A. CRUSHED SURFACING SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY. NO RECYCLED MATERIAL ALLOWED.
B. EMBANKMENT AND SUB GRADE MUST BE COMPACTED TO 95% OF MAXIMUM DENSITY.
C. PROPER MOISTURE MUST BE MAINTAINED THROUGHOUT PLACING AND COMPACTING.
D. COMPACTION TESTING TO BE PERFORMED BY AN INDEPENDENT LAB. USE A 'MODIFIED PROCTOR'.
TRENCHES IN DEVELOPED RIGHT-OF-WAY:
SEE CITY OF ANACORTES STANDARD CONSTRUCTION DETAILS AND SECTION 7 OF THE CURRENT WSDOT SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.
A. PIPE ZONE SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY.
B. TRENCH ZONE SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY IN 12-INCH LIFTS.
C. CRUSHED SURFACING SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY. NO RECYCLED MATERIAL ALLOWED.

7. DRAINAGE SYSTEM CONSTRUCTION:
A. ANY PERMANENT FLOW CONTROL FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE FACILITY IS TO FUNCTION AS AN INFILTRATION SYSTEM, THE TEMPORARY FACILITY MUST BE GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST THREE (3) FEET ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY.
B. OVERFLOWS, SPILLWAYS, GRAVEL FILTER WINDOWS, MUST BE CONSTRUCTED PER PLANS AND SPECIFICATIONS. NO DEVIATIONS. AS-BUILT FOR VERIFICATION REQUIRED.
C. QUARRY ROCK MUST BE SOUND 'HARD' DURABLE ROCK. NO RECYCLED MATERIAL.
D. GRASS LINED SWALE SHALL BE CONSTRUCTED PER THE DETAILS PROVIDED. NO DEVIATION ALLOWED. ALL SWALES MUST BE OPERATIONAL BEFORE ACCEPTANCE.
E. CATCH BASINS MUST BE SET TO LINE GRADE USING NO MORE THAN TWO (2) ADJUSTMENT BRICKS.
F. MINIMUM 1-FOOT SEPARATION BETWEEN PIPES IN TYPE II CATCH BASINS.
8. RESTORATION OF RIGHT-OF-WAY:
A. CONTRACTOR MUST LEAVE THE RIGHT-OF-WAY, EQUAL TO EXISTING OR BETTER CONDITION
B. PLACE COMPACTED TOPSOIL (SECTION 9-14.1(1), (2) AND (3)) AND SEED ALL AREAS DISTURBED BY EXCAVATION. (SECTION 9-14.2).
C. ALL DRAINAGE SYSTEMS MUST BE FULLY CLEANED, RESTORED AND OPERATIONAL BEFORE FINAL ACCEPTANCE. (SECTION 7-07.3).
9. FINAL INSPECTION AND ACCEPTANCE:
SEE SECTION 1-05.11 AND SECTION 1-08.5)
A. WHEN CONTRACTOR HAS COMPLETED ALL OF THE WORK ON THE APPROVED PLANS, THE CONTRACTOR WILL:
• COMPLETE THE 'FINAL INSPECTION GUIDELINES FOR CONTRACTORS INSPECTION FORM'.
• GIVE THE COMPLETED 'FINAL INSPECTION GUIDELINES FOR CONTRACTORS INSPECTION FORM' TO THE PW INSPECTOR AND REQUEST A SITE INSPECTION. ALL SITE INSPECTIONS ARE ON WEDNESDAYS BETWEEN 9 AM AND 12 PM.
B. THE PROJECT MANAGER, ENGINEER OF RECORD, INSPECTOR, CONTRACTOR AND OTHER CITY OF ANACORTES DEPARTMENTS WILL WALK THE SITE AND CREATE A PUNCH LIST. THE CONTRACTOR WILL COMPLETE THE PUNCH LIST AND CHECK OFF EACH ITEM, THEN RETURN IT TO THE INSPECTOR FOR RE-INSPECTION. THE INSPECTOR WILL VERIFY THAT ITEMS ON WALK THROUGH ARE COMPLETED.
C. THE CITY WILL NOT MAKE THE FINAL INSPECTION UNTIL THE PHYSICAL WORK REQUIRED BY THE CONTRACT AND APPROVED PLANS, INCLUDING FINAL CLEANUP AND ALL WORK ORDERED BY THE PROJECT MANAGER, HAVE BEEN COMPLETED. (SECTION 1-05.11)
D. FINAL APPROVAL OF THE PROJECT WILL NOT BE GRANTED UNTIL 'AS BUILT' DRAWINGS (BOTH DIGITAL AND HARD COPY) HAVE BEEN RECEIVED AND APPROVED BY THE PROJECT MANAGER.
E. THE CONTRACTOR MUST FURNISH ALL DOCUMENTATION REQUIRED BY LAW, TO ALLOW THE CITY OF ANACORTES TO PROCESS FINAL ACCEPTANCE OF THE CONTRACT.
19. MISCELLANEOUS:
A. AS-BUILTS: THE DEVELOPER WILL SUPPLY TO THE CITY, ONE HARD COPY AND ONE ELECTRONIC FILE (AUTOCAD VERSION 2002) OF AS-BUILT DRAWINGS TO INCLUDE ALL CITY UTILITIES. THE AS-BUILT DRAWINGS WILL BE SUBMITTED TO THE PROJECT MANAGER AT SUBSTANTIAL COMPLETION FOR REVIEW AND APPROVAL PRIOR TO THE ISSUANCE OF FINAL PROJECT APPROVAL AND ACCEPTANCE.
UTILITY LOCATES NUMBER: 1.800.424.5555. REQUIRED BEFORE STARTING ANY GROUNDWORK.

WATER NOTES

- A. NO CONNECTION TO THE EXISTING MAINS WILL BE ALLOWED EXCEPT BY MEANS OF AN APPROVED BACKFLOW PREVENTION DEVICE PRIOR TO SATISFACTORY FLUSHING, TESTING, DISINFECTIONS AND RECEIPT OF SATISFACTORY BACTERIOLOGICAL TEST RESULTS.
- B. ANY PERSONS PERFORMING HOT TAPS SHALL BE APPROVED IN ADVANCE BY THE CITY OF ANACORTES. SUPERIOR TAPPING INC. AT 1.888.859.9221 OR SPEARS TAPS, INC. AT 425.485.4764 ARE ACCEPTABLE COMPANIES.
- C. PIPELINE MATERIALS AND INSTALLATION ARE TO CONFORM TO THE LATEST REVISION OF THE FOLLOWING STANDARDS:
 - DUCTILE IRON PIPE DESIGN (AWWA C150/A21.50)
 - DUCTILE IRON PIPE MANUFACTURING PROCESS (AWWA C151/A21.51)
 - CEMENT MORTAR LINING (AWWA C104/A21.4)
 - POLYETHYLENE ENCASEMENT (AWWA C105/A21.5)
 - DUCTILE IRON PIPE JOINTS (AWWA C111/A21.11)
 - DUCTILE IRON RESILIENT WEDGE GATE VALVES (AWWA C515)
 - DRY BARREL FIRE HYDRANTS (AWWA C502)
 - DUCTILE IRON FITTINGS (AWWA C153/A21.53 AND C110/A21.10)
 - DISINFECTIONS (AWWA C851)
 - DUCTILE IRON PIPE INSTALLATION (AWWA C600)

- OWNER SHALL FURNISH TO THE CITY OF ANACORTES ENGINEERING REPRESENTATIVE COPIES OF THE CERTIFICATIONS THAT ALL MATERIALS MEET THE AWWA SPECIFICATIONS.
- DUCTILE IRON PIPE TO BE THICKNESS CLASS 50 OR PRESSURE CLASS 350.
 - ALL DUCTILE IRON PIPE SHALL BE POLY WRAPPED IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES. POLY WRAP SHALL BE 8 MIL MINIMUM THICKNESS AND TAPED AT THE SEAMS. LOOSE BAGGING WILL BE FOLDED AND SECURED TO THE PIPE.
 - FIRE HYDRANTS ARE TO BE MUELLER MODEL SUPER CENTURION 200, AVK OR M+H.
 - FIRE HYDRANTS SHALL BE SET VERTICAL PLUMB WITH THE PUMPER PORT FACING THE STREET.
 - FIRE HYDRANTS SHALL BE SET AS SUCH THAT THE BREAK AWAY JOINT IS NO MORE THAN 6-INCHES ABOVE AND NO LESS THAN 3-INCHES ABOVE THE FINISHED GRADE.
 - THERE SHALL BE 3-FOOT MINIMUM CLEARANCE AROUND THE FIRE HYDRANTS.
 - FIRE HYDRANTS SHALL HAVE A RED HEAD BRAND OR EQUIVALENT WITH 5' STORZ RIGID FEMALE ADAPTER WITH CAP AND CONNECTING CABLE.
 - THE WATER SERVICES TO THE PROPERTY LINE FROM THE MAIN LINE SHALL BE 1-INCH MINIMUM COPPER AND SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 7-15 OF THE CURRENT VERSION OF THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION AND THE CITY OF ANACORTES CONSTRUCTION GUIDELINES.
 - INSTALLATION OF THRUST BLOCKS SHALL CONFORM TO THE CITY OF ANACORTES CONSTRUCTION GUIDELINE DETAILS. THRUST BLOCK NO. 2 (WA-7) AND THRUST BLOCK NO. 2 (WA-8). SOIL BEARING STRENGTH OF 2,500 PSF SHALL BE USED IN MOST AREAS ABOVE THE WATER TABLE. A QUALIFIED SOILS ENGINEER WILL EVALUATE SUBSURFACE CONDITIONS, WHICH INDICATE A LESSER SOIL STRENGTH IN THE NATIVE MATERIAL. THE CONTRACTOR SHALL USE PLASTIC SHEETING TO PREVENT CONTACT BETWEEN THE CONCRETE AND THE FITTINGS. THE CITY OF ANACORTES ENGINEERING DEPARTMENT SHALL INSPECT THRUST BLOCKS PRIOR TO BACKFILLING THE TRENCH.
 - THE WATER MAIN SHALL HAVE A MINIMUM OF 30-INCHES OR A MAXIMUM COVER OF 40-INCHES FROM THE FINAL GRADE BEFORE PAVING. THIS COVER INCLUDES THE TOP OF THE CRUSHED SURFACING BASE COURSE.
 - THE WATERLINE SHALL BE FITTED WITH A WATERTIGHT PLUG AT ANY ANYTIME WORK IS DELAYED OR STOPPED AND OVERNIGHT. IF NEWLY INSTALLED WATERLINE IS CONTAMINATED WITH GROUND WATER, THE ENTIRE LENGTH OF PIPE AFFECTED SHALL BE THOROUGHLY CLEANED PRIOR TO INSTALLING ADDITIONAL PIPE.
 - MAINTAIN A MINIMUM 1-FOOT VERTICAL SEPARATION AND A 30-INCH HORIZONTAL SEPARATION BETWEEN THE WATERLINE AND ALL OTHER UTILITIES EXCEPT SANITARY SEWER, WHICH IS TO BE A 10-FOOT HORIZONTAL SEPARATION. WATERLINE TRENCH IS NOT TO BE SHARED WITH OTHER UTILITIES.
 - TRENCH EXCAVATION, BEDDING AND BACKFILL FOR WATER MAINS SHALL BE IN ACCORDANCE WITH SECTION 7-10 OF THE CURRENT VERSION OF THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION AND THE CITY OF ANACORTES CONSTRUCTION GUIDELINES TRENCH DETAILS.
 - MAXIMUM LENGTH OF OPEN TRENCH SHALL BE 100- FEET.
 - ALL WSDOT REQUIREMENTS FOR TRAFFIC CONTROL SHALL BE MET AT ALL TIMES.
 - THE CITY OF ANACORTES ENGINEERING DEPARTMENT MUST BE NOTIFIED AT LEAST 48-HOURS PRIOR TO COMMENCING CONSTRUCTION AND FOR INSPECTION REQUESTS.
 - INSPECTIONS SHALL INCLUDE PIPE INSTALLATION, PIPE BEDDING, BAGGING, THRUST BLOCKING, PRESSURE TESTING AND TRENCH BACKFILL.
 - TESTING PROTOCOL: PRIOR TO CONSTRUCTION, A PROCTOR AND SIEVE ANALYSIS SHALL BE SUBMITTED, REVIEWED AND APPROVED BY THE CITY OF ANACORTES ON ALL MATERIAL USED IN THE RIGHT-OF-WAY. SEE THE CITY OF ANACORTES TESTING SCHEDULE.
 - THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIAL TO DISINFECT, FLUSH AND CONDUCT A PRESSURE TEST OF THE COMPLETED WATERLINE AS SPECIFIED IN SECTIONS 7-11.3(11) AND 7-11.3(12) OF THE CURRENT VERSION OF THE STANDARD SPECIFICATIONS FOR ROAD BRIDGE AND MUNICIPAL CONSTRUCTION.
 - DECHLORINIZATION WILL BE REQUIRED OF ALL DISINFECTION WATER FLUSHED FROM WATERLINES WHICH CANNOT BE CONVEYED TO EXISTING SANITARY SEWER SYSTEMS.
 - THE WATER LINE, INCLUDING THE CORP. STOPS TO THE WATER SERVICES, SHALL BE PRESSURIZED TO 225 PSI WITH NO GREATER THAN A 5 PSI PRESSURE DROP OVER A 2-HOUR TABLE. THE CITY OF ANACORTES PUBLIC WORKS INSPECTOR, ENGINEER OR DESIGNATED REPRESENTATIVE SHALL WITNESS THIS TEST.
 - THE CONTACTOR SHALL NOTIFY AND COORDINATE WITH THE CITY OF ANACORTES WATER DEPARTMENT PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO ANY WATER SHUT OFF OR TURN ON THAT WILL AFFECT THE WATER SYSTEM. WATER DEPARTMENT PERSONNEL WILL OPERATE DISTRIBUTION VALVES.
 - SCHEDULED WATERLINE SHUT DOWNS: 72-HOURS NOTICE REQUIRED. CONTACT 360.293.1921 FOR SCHEDULING.
 - EMERGENCY WATERLINE SHUT DOWNS: CONTACT 360.293.1921. THE WATER DEPARTMENT WILL BE NOTIFIED. ALSO, CONTACT THE PUBLIC WORKS INSPECTOR AT 360.661.3547.
 - CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE WATER SAMPLE BOTTLE FROM THE SKAGIT COUNTY HEALTH DEPARTMENT PRIOR TO SCHEDULING BACTERIAL SAMPLING. THE LENGTH OF PIPE WILL DETERMINE THE NUMBER OF SAMPLES TAKEN.

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ANACORTES, WA 98221
360.293.6404

SAMISH WATER SERVICE
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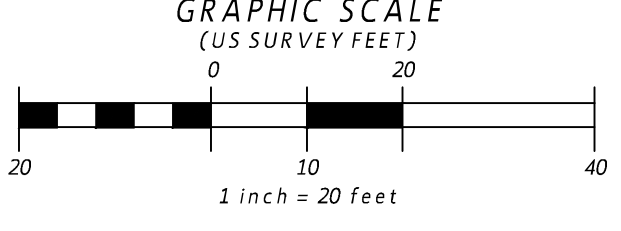
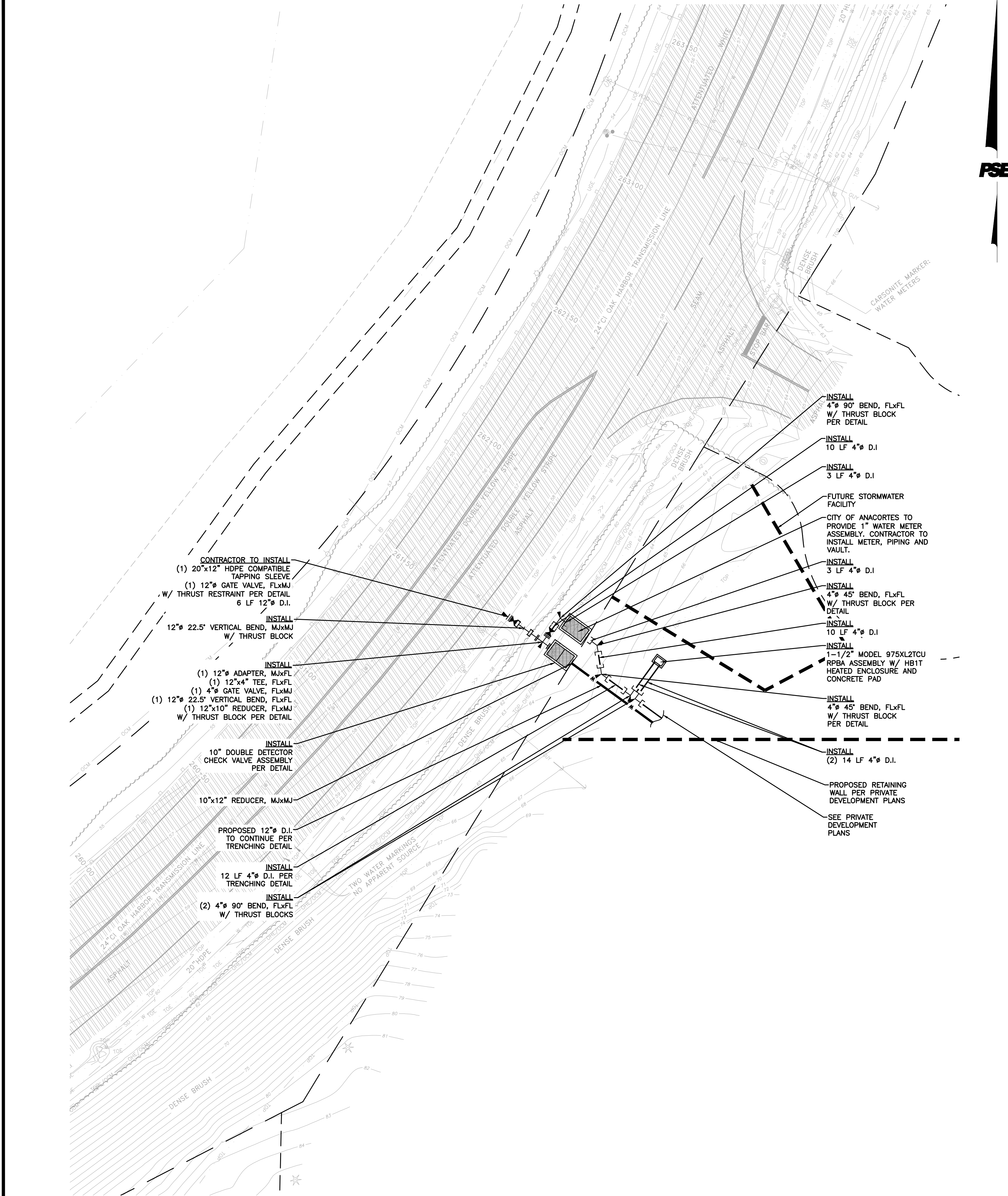
COVER AND NOTES



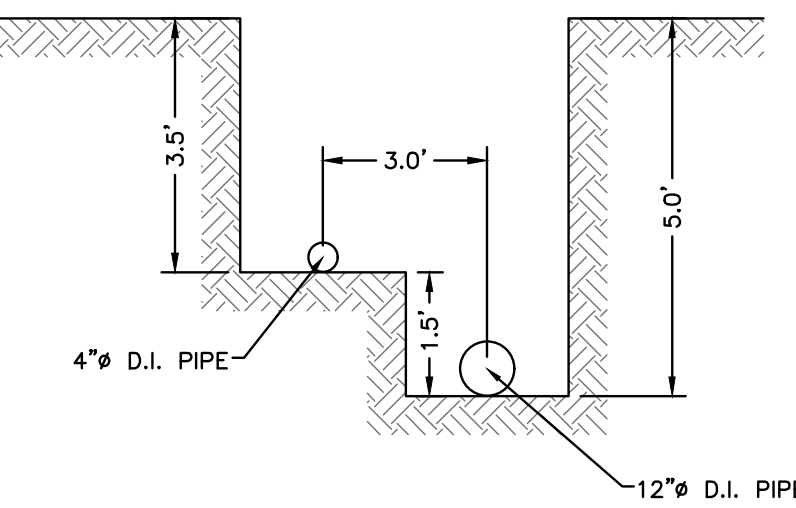
PACIFIC SURVEYING
& ENGINEERING, INC.
909 Squakam Way, Suite 111 | BELLEVUE, WA 98005
T. 360.671.7387 | F. 360.671.4685
WWW.PSESURVEY.COM | INFO@PSESURVEY.COM

DATA	DRAWN BY	CHECKED BY	FIELD BOOKS
BASE	XXX	XXX	DESIGN: XXX
DESIGN	KMS	JVY	STAKING: XXX
XREF:	XXX		ASBUILT: XXX
JOB#:	2020166		DATUM
HORIZ. SCALE:	XXX		HORIZ.: XXX
VERT. SCALE:	XXX		VERT.: XXX
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SHEET	01	OF	04





- NOTES:
- 1) CONTRACTOR TO INSTALL 12" HOT-HOT TAP AND PIPING TO FIRE VAULT. CONTRACTOR SHALL COORDINATE PRE-CONSTRUCTION MEETING WITH THE CITY OF ANACORTES PRIOR TO EXCAVATION. ALL TAPPING AND CONNECTIONS MUST BE WITNESSED BY CITY OF ANACORTES INSPECTOR.
 - 2) CONTRACTOR SHALL SUBMIT MATERIAL SUBMITTALS FOR TAPPING SLEEVE, VALVES, AND PIPING TO THE ENGINEER FOR APPROVAL BY CITY OF ANACORTES PRIOR TO INSTALLATION.
 - 3) BASIS OF DESIGN:
MAXIMUM FIRE FLOW = 2,500 GPM
MAXIMUM DOMESTIC DEMAND = 50 GPM
 - 4) ALL PIPE FITTINGS SHALL BE MECHANICALLY RESTRAINED BY GRIP RING OR MEGA-LUG.
 - 5) ALL BELL AND SPIGOT JOINTS SHALL HAVE FIELD-LOCK GASKETS INSTALLED.
 - 6) TAPPING SLEEVE SHALL BE STAINLESS STEEL AND HDPE COMPATIBLE.
 - 7) CONTRACTOR SHALL FOLLOW AMERICAN WATER WORKS ASSOCIATION CLEAN PIPING TECHNIQUES WHEN INSTALLING PIPE.
 - 8) AS-BUILT DRAWINGS SHALL BE SUBMITTED PRIOR TO PROVIDING WATER SERVICE.
 - 9) PRECONSTRUCTION MEETING IS REQUIRED PRIOR TO EXCAVATION IN RIGHT OF WAY. CONTACT WATER DISTRIBUTION SUPERVISOR 360.299.1952 OR NMETH1@CITYOFANACORTES.ORG



PIPE TRENCHING DETAIL
NTS

SURVEY NOTES

- 1) THIS TOPOGRAPHIC SURVEY WAS PERFORMED AND PREPARED IN ACCORDANCE WITH WAC 332-130-145.
- 2) DATA FOR THIS SURVEY WAS GATHERED BY FIELD TRAVERSE UTILIZING ELECTRONIC DATA COLLECTION IN MARCH 2021.
- 3) EQUIPMENT USED: THEOMAT 00'01.5" EDM: ± 2 PPM, ± 3 MM
- 4) HORIZONTAL DATUM: NAD 83/91, WASHINGTON STATE PLANE NORTH ZONE.
GP29020-47 (PID#1413) GP29020-48 (PID#1414)
N:529170.4837 E:1209859.4044 N:531516.8770 E:1211065.5826
- 5) VERTICAL DATUM: NAVD88 BASED ON CLOSED LEVEL LOOP HOLDING GP29020-47 (PID#1413) ELEVATION = 100.672
- 6) CONTOURS DEPICTED HEREON MEET OR EXCEED NATIONAL MAPPING STANDARDS FOR 1-FOOT ACCURACY TOPOGRAPHIC SURVEYS AND HAVE BEEN COMPUTER GENERATED FROM GROUND FIELD TOPOGRAPHY GATHERED FOR THIS SURVEY UTILIZING ELECTRONIC DATA COLLECTION.
- 7) CONDUCTIBLE UNDERGROUND UTILITY LOCATES SERVICES WERE PERFORMED AND PAINTED BY WASHINGTON STATE ONE-CALL UTILITY LOCATE SERVICES AND SURVEYED BY PSE FIELD CREWS IN MARCH 2021. UTILITIES ARE KNOWN TO EXIST WITHIN THE LIMITS OF THIS SURVEY THAT WERE UNDETECTABLE. ADDITIONAL UTILITY VERIFICATION MAY BE WARRANTED IN AREAS CONSIDERED FOR CONSTRUCTION. AS-BUILTS AND RECORD DRAWINGS WERE USED TO SUPPLEMENT UTILITY INFORMATION WHERE AVAILABLE.
- 8) UTILITY LOCATION AREAS AND LEVEL OF LOCATE ACCURACY WERE DETERMINED BY SURVEYOR AND CLIENT PRIOR TO COMMENCEMENT OF FIELD SURVEY WORK.
- 9) THIS MAP IS NOT INTENDED TO REPRESENT A FORMAL BOUNDARY SURVEY, NOR DOES IT REFLECT ELEMENTS THAT A BOUNDARY SURVEY MAY DISCLOSE. BOUNDARY RELATED ELEMENTS DEPICTED HEREON ARE SHOWN PER AVAILABLE RECORD INFORMATION.
- 10) THIS MAP WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT AND MAY NOT DEPICT ALL EASEMENTS AND OR EXCEPTIONS TO TITLE OF RECORD.
- 11) S.R.20 CENTERLINE ALIGNMENT, STATIONING AND MARGINS BASED ON WSDOT MONUMENTS GP29020-47 (PID#1413) AND GP29020-48 (PID#1414) AS SHOWN ON SKAGIT COUNTY AUDITOR'S FILE NO. 200505040052.

TEMPORARY EROSION/SEDIMENTATION CONTROL

1. A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
2. APPROVAL OF THESE TEMPORARY EROSION/SEDIMENTATION CONTROL (TESC) PLANS DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
3. THE IMPLEMENTATION OF THESE TESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE TESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.
4. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
5. THE TESC FACILITIES SHOWN ON THE PLANS MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS.
6. THE TESC FACILITIES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED (E.G., ADDITIONAL SUMP, RELOCATION OF DITCHES AND SILT FENCES, ETC.) AS NEEDED FOR UNEXPECTED STORM EVENTS.
7. THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING. A RECORD OF EACH INSPECTION AND ANY CORRECTIVE ACTION TAKEN MUST BE RETAINED WITH THE SWPPP.
8. ANY AREA STRIPPED OF VEGETATION, INCLUDING ROADWAY EMBANKMENTS, WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 7 DAYS, SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED TESC METHODS (E.G., SEEDING, MULCHING, NETTING, EROSION BLANKETS, ETC.).
9. ANY AREA NEEDING TESC MEASURES, NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN FIFTEEN (15) DAYS.
10. THE TESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 24 HOURS FOLLOWING A STORM EVENT WITH THE APPROVAL OF ENGINEER.
11. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
12. STABILIZED CONSTRUCTION ENTRANCES AND WASH PADS SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
13. DURING THE TIME PERIOD OF OCTOBER 1 THROUGH APRIL 30, ALL PROJECT DISTURBED AREAS GREATER THAN 5,000 SQUARE FEET, THAT ARE TO BE LEFT UNWORKED FOR MORE THAN 12 HOURS, SHALL BE COVERED BY ONE OF THE FOLLOWING COVER MEASURES: MULCH, SODDING, OR PLASTIC COVERING.
14. ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE PERMANENT FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION OR DISPERSION SYSTEM, THE FACILITY SHALL NOT BE USED AS A TEMPORARY SETTLING BASIN. NO UNDERGROUND DETENTION TANK, DETENTION VAULT, OR SYSTEM WHICH BACKS UNDER OR INTO A POND SHALL BE USED AS A TEMPORARY SETTLING BASIN.
15. WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROPRIATE RATE (E.G. ANNUAL OR PERENNIAL RYE APPLIED AT APPROXIMATELY 120 POUNDS PER ACRE).
16. WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF TWO INCHES.
17. ALL EROSION/SEDIMENTATION CONTROL PONDS WITH A DEAD STORAGE DEPTH EXCEEDING 6 INCHES MUST HAVE SLOPES NOT STEEPER THAN 3H:1V.
18. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
19. EROSION/SEDIMENTATION CONTROL FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS IN THESE PLANS. LOCATIONS MAY BE MOVED TO SUIT FIELD CONDITIONS, SUBJECT TO APPROVAL BY THE ENGINEER AND LOCAL JURISDICTIONAL AUTHORITY.

NPDES NOTES

1. THE CONTRACTOR SHALL KEEP A RECORD OF THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR. WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE IMPLEMENTED.
2. ALL EROSION CONTROL FACILITIES SHALL BE INSPECTED, MAINTAINED AND REPAIRED BY THE CONTRACTOR AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL ON SITE EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES PER 24 HOUR PERIOD. AN INSPECTION REPORT FILE SHALL BE MAINTAINED BY THE CONTRACTOR FOR EACH INSPECTION.

SEEDING NOTES

1. SEEDBED PREPARATION MAY INCLUDE THE FOLLOWING:
 - A. IF INFERTILE OR COARSE TEXTURED SUBSOIL WILL BE EXPOSED DURING GRADING, STOCKPILE TOPSOIL AND RE-SPREAD IT OVER THE FINISHED SLOPE AND ROLL IT TO PROVIDE A FIRM BASE.
 - B. IF CONSTRUCTION FILLS HAVE LEFT SOIL EXPOSED WITH A LOOSE, ROUGH OR IRREGULAR SURFACE, TRACK WALK UP SLOPE.
 - C. IF CUTS OR CONSTRUCTION EQUIPMENT HAVE LEFT A TIGHTLY COMPACTED SURFACE, BREAK WITH CHISEL PLOW OR OTHER SUITABLE EQUIPMENT.
 - D. PERFORM ALL CULTURAL OPERATIONS ACROSS OR AT RIGHT ANGLES TO THE SLOPES (CONTOURED). THE SEEDBED SHOULD BE FIRM WITH A FAIRLY FINE SURFACE AFTER ROUGHENING.
2. FERTILIZATION – AS PER SUPPLIER'S RECOMMENDATIONS. DEVELOPMENTS ADJACENT TO WATER BODIES MUST USE NON-PHOSPHOROUS FERTILIZER.
3. HYDROSEEDING APPLICATIONS WITH APPROVED SEED-MULCH-FERTILIZER MIXTURES MAY ALSO BE USED.
4. SEEDING – APPLY APPROPRIATE MIXTURE TO THE PREPARED SEEDBED AT A RATE OF 120 LBS/ACRE. COVER THE SEED WITH TOPSOIL OR MULCH NO DEEPER THAN ONE-HALF INCH.

SEED MIX	VEGETATION TYPE (COMMON NAME)	PROPORTIONS	PERCENT	PERCENT
		BY WEIGHT	PURITY	GERMINATION
TEMPORARY EROSION CONTROL*	CHEWINGS OR RED FESCUE	40%	98	90
	PERENNIAL RYE	50%	98	90
	REDTOP OR COLONIAL BENTGRASS	5%	92	85
	WHITE DUTCH CLOVER	5%	98	90
LOW GROW*	DWARF TALL FESCUE VAR.	45%	98	90
	DWARF PERENNIAL RYE (BARCLAY)	30%	98	90
	RED FESCUE	20%	98	90
	COLONIAL BENTGRASS	5%	98	90

*(ADOPTED FROM WSDOE 2014 STORMWATER MANAGEMENT MANUAL WESTERN WASHINGTON, VOLUME II, BMP C120)

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SR20 WATER SERVICE CONNECTION

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DATA	DRAWN BY	CHECKED BY	FIELD BOOKS
BASE	XXX	XXX	DESIGN: XXX
DESIGN	KMS	JVY	STAKING: XXX
XREF:	XXX		ASBUILT: XXX
JOB#:	2020166		DATUM
HORIZ. SCALE:	XXX		HORIZ.: XXX
VERT. SCALE:	XXX		VERT.: XXX
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SHEET	02	OF	04

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37432
07-06-2021



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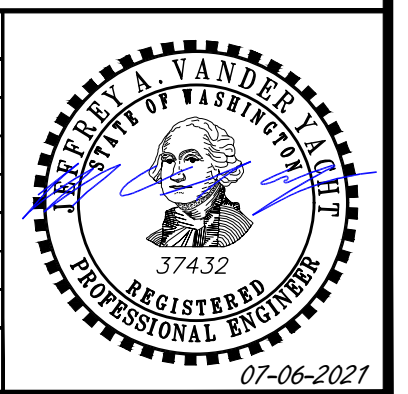
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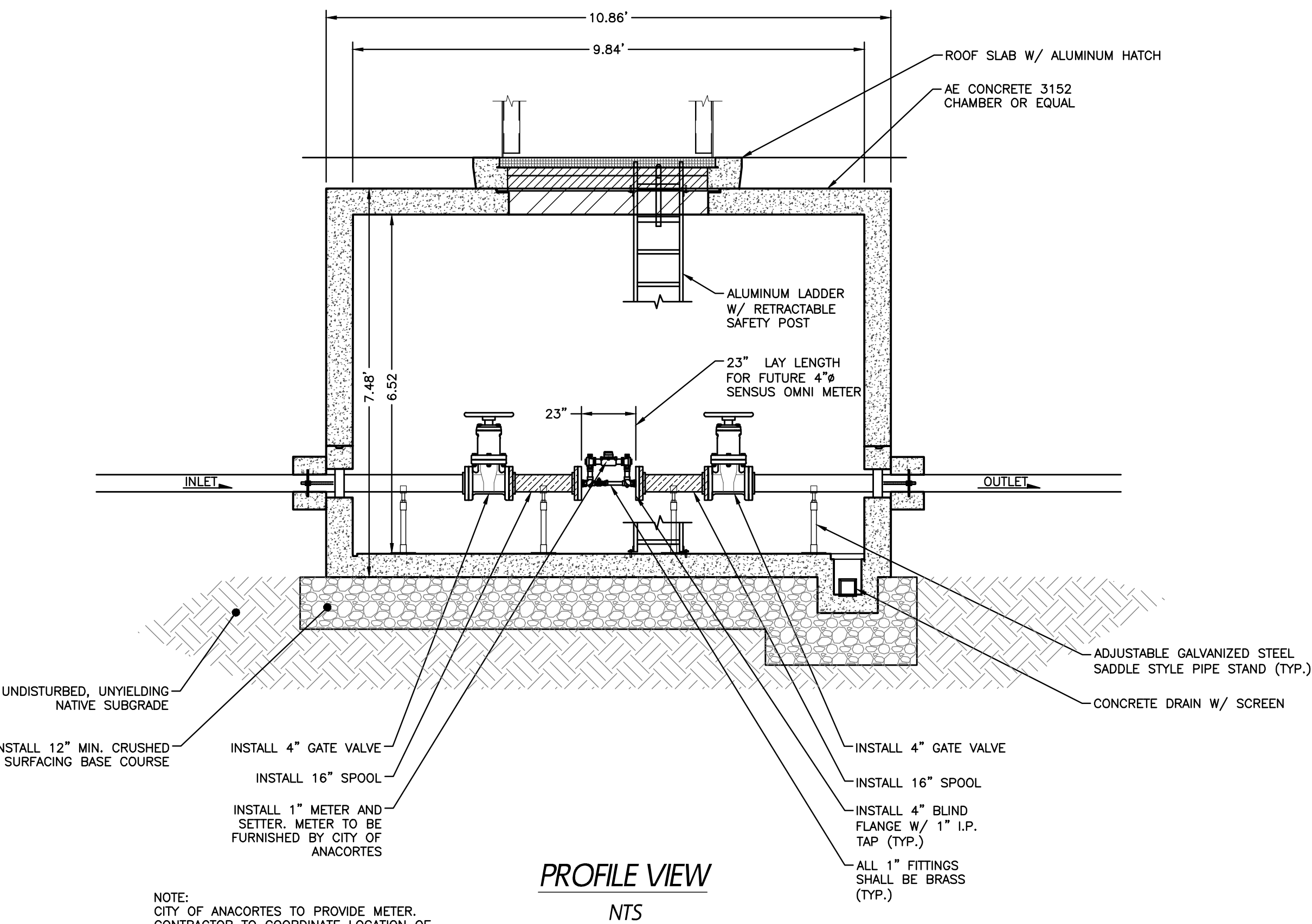
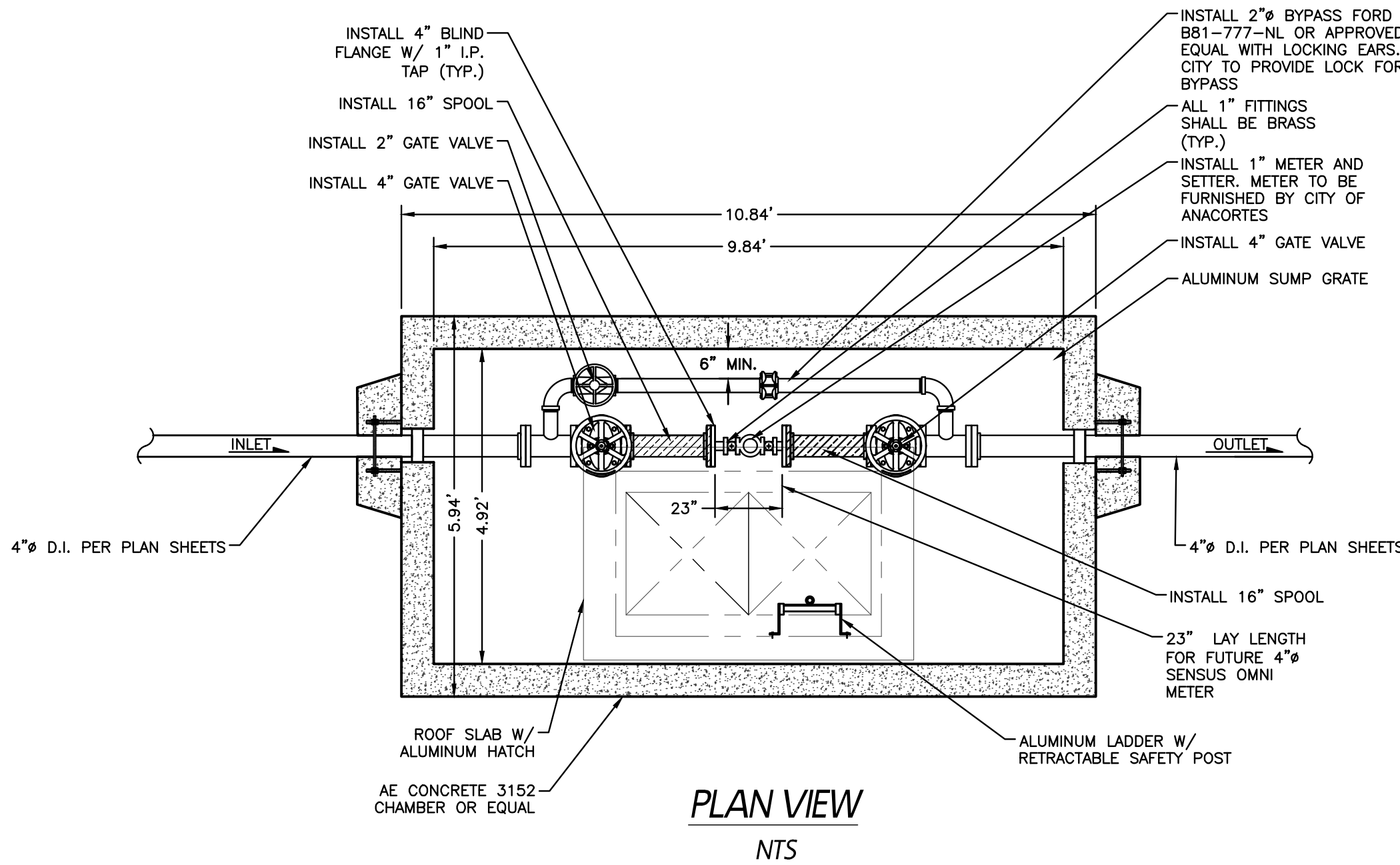
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SERVICE AREA BOUNDARY

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& ENGINEERING, INC.
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T: 360.671.7387 | F: 360.671.4685
WWW.PSESURVEY.COM | INFO@PSESURVEY.COM

DATA	DRAWN BY	CHECKED BY	FIELD BOOKS
BASE	XXX	XXX	DESIGN: XXX
DESIGN	KMS	JVY	STAKING: XXX
XREF:	XXX		ASBUILT: XXX
JOB#:	2020166		DATUM
HORIZ. SCALE:	XXX		HORIZ.: XXX
VERT. SCALE:	XXX		VERT.: XXX
DWG:	P:\Pse Project\2020166\DWGs_-SHEET\2020166_Water_Service_Bndry.dwg		
	SHEET	03	OF 04





1-1/2" METER WITH VAULT DETAIL
NTS

THRUST BLOCK - TABLE									
PIPE SIZE:	PRESSURE PSI:	A	B	C	D	E	F	G	H
4"	200	2/11	1/10	1/10	1/10	1/10	1/10	1/10	1/10
6"	200	4/13	3/12	3/12	3/12	3/12	3/12	3/12	3/12
8"	200	7/13	5/12	5/12	5/12	5/12	5/12	5/12	5/12
10"	200	11/13	9/12	9/12	9/12	9/12	9/12	9/12	9/12
12"	200	14/13	11/12	11/12	11/12	11/12	11/12	11/12	11/12
14"	200	17/13	14/12	14/12	14/12	14/12	14/12	14/12	14/12
16"	200	20/13	17/12	17/12	17/12	17/12	17/12	17/12	17/12
18"	200	23/13	20/12	20/12	20/12	20/12	20/12	20/12	20/12
20"	200	26/13	23/12	23/12	23/12	23/12	23/12	23/12	23/12
24"	200	29/13	26/12	26/12	26/12	26/12	26/12	26/12	26/12

THRUST BLOCK NOTES:

- SQUARE FEET OF CONCRETE THRUSTS - BLOCK AREA BASED ON SAFE BEARING LOAD OF 2000/3000 POUNDS PER SQUARE FOOT.
- AREAS MUST BE ADJUSTED FOR OTHER SIZE PIPE, PRESSURES AND SOIL CONDITIONS.
- CONCRETE BLOCKING SHALL BE CAST IN PLACE AND HAVE MINIMUM OF 1/4 SQUARE FOOT BEARING AGAINST THE FITTING.
- BLOCK SHALL BEAR AGAINST FITTINGS ONLY AND SHALL BE CLEAR OF JOINTS TO PERMIT TAKING UP OR DISMANTLING JOINT.
- CONTRACTOR SHALL INSTALL BLOCKING ADEQUATE TO WITHSTAND FULL TEST PRESSURE AS WELL AS TO CONTINUOUSLY WITHSTAND OPERATING PRESSURE UNDER ALL CONDITIONS OF SERVICE.
- ADDITIONAL BLOCKING MUST BE PROVIDED IF GATE VALVE IS AT END OF LINE DURING TESTING.
- WASTE BLOCKS MAY BE ALLOWED IN AREAS OF UNDISTURBED SOILS. THE SIZE OF THE BLOCK DEPENDS ON THE SIZE OF PIPE, PRESSURE, ETC. POUR CONCRETE BETWEEN THE WASTE BLOCK AND BEND TO FILL THE VOID. THIS ACTION IS BY WRITTEN REQUEST ONLY.

SCALE: NOT TO SCALE
DRAWN BY: S.L.
FILE: WA-07 TB1.DWG
EFFECTIVE DATE: 11-16-2018
REVIEW BY DATE: 07-15-2020
REVIEWER: SHJARBACK

DETAIL: WA-08
THRUST BLOCKING HORIZONTAL BENDS AND VALVES
APPENDIX C - STANDARD DRAWING 2018

VERTICAL BLOCKING FOR 11 1/4" - 22 1/2" - 30" BENDS									
PIPE SIZE:	VB	CU FT	A	D	L				
4"	11 1/4"	8	2.0'	3/4"	1.5'				
	22 1/2"	11	2.2'		2.0'				
	30"	17	2.6'						
6"	11 1/4"	11	2.2'	3/4"	2.0'				
	22 1/2"	25	2.9'						
	30"	41	3.5'						
8"	11 1/4"	16	2.5'	3/4"	2.0'				
	22 1/2"	47	3.6'						
	30"	70	4.1'						
12"	11 1/4"	32	3.2'	3/4"	2.0'				
	22 1/2"	88	4.5'	7/8"	3.0'				
	30"	132	5.1'						
16"	11 1/4"	70	4.1'	7/8"	3.0'				
	22 1/2"	184	5.7'	1 1/8"	4.0'				
	30"	275	6.5'	1 1/4"					
20"	11 1/4"	91	4.5'	7/8"	3.0'				
	22 1/2"	225	6.1'	1 1/4"	4.0'				
	30"	330	6.9'	1 3/8"	4.5'				
24"	11 1/4"	128	5.0'	1"	3.5'				
	22 1/2"	320	6.8'	1 3/8"	4.5'				
	30"	480	7.9'	1 5/8"	5.5'				

VERT. BLOCK. FOR 45° BENDS

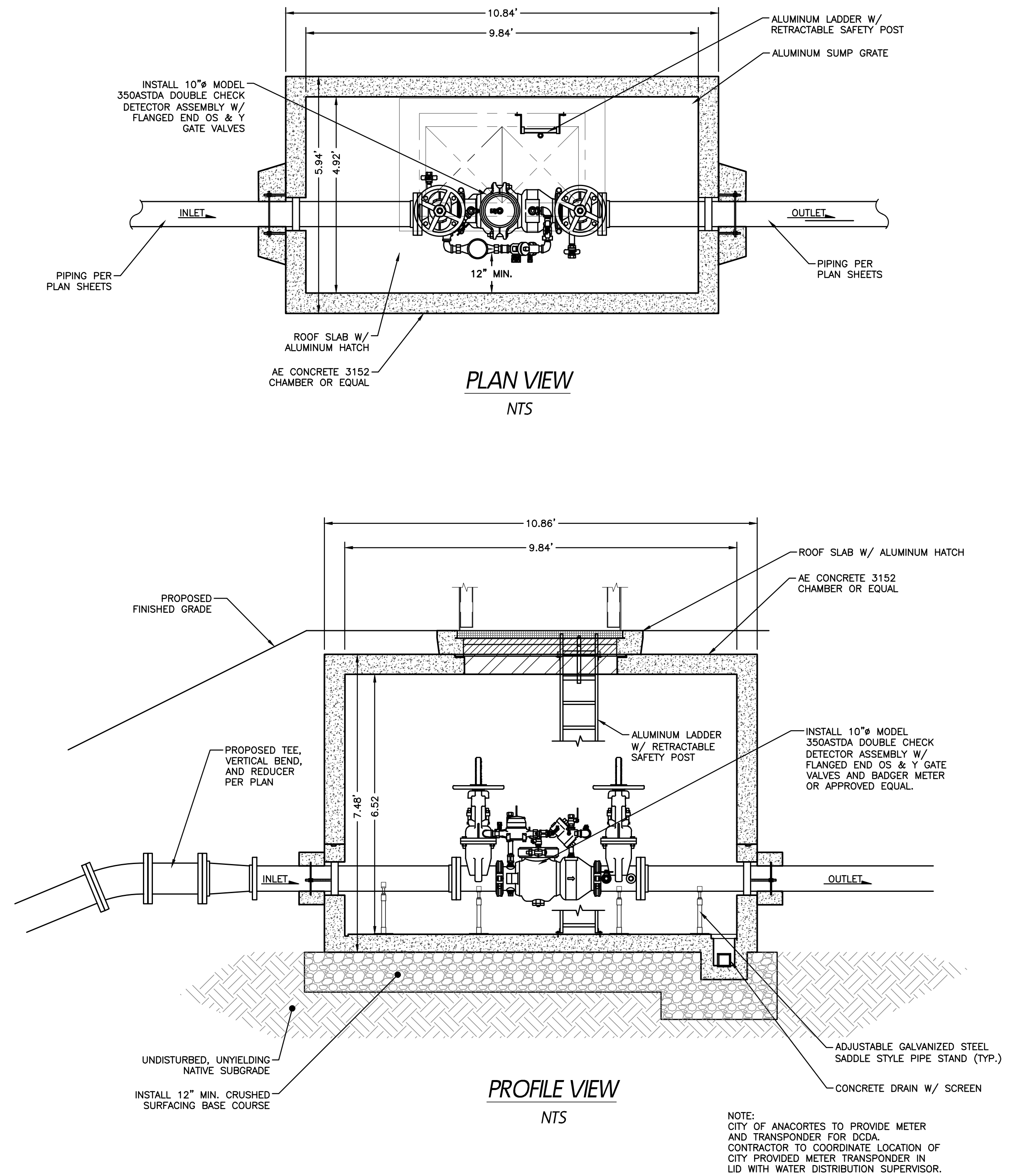
4"	45°	30	3.1'	3/4"	2.0'
6"		88	4.1'		
8"		123	5.0'		
12"		232	6.1'	3/4"	2.5'
16"		478	7.8'	1 1/8"	4.0'
20"		560	9.2'	1 1/4"	
24"		820	9.4'	1 3/8"	4.5'

THRUST BLOCK NOTES:

- CONCRETE BLOCKING BASED ON 200 PSI PRESSURE AND 2800 PSI CONCRETE.
- WASTE BLOCKS MAY BE ALLOWED IN AREAS OF UNDISTURBED SOILS. THE SIZE OF THE BLOCK DEPENDS ON THE SIZE OF PIPE, PRESSURE, ETC. POUR CONCRETE BETWEEN THE WASTE BLOCK AND BEND TO FILL THE VOID. THIS ACTION IS BY WRITTEN REQUEST ONLY.

SCALE: NOT TO SCALE
DRAWN BY: S.L.
FILE: WA-08 THRUSTBLOCK2.DWG
EFFECTIVE DATE: 11-16-2018
REVIEW BY DATE: 07-15-2020
REVIEWER: SHJARBACK

DETAIL: WA-09
THRUST BLOCKING VERTICAL BENDS
APPENDIX C - STANDARD DRAWING 2018



DOUBLE CHECK DETECTOR ASSEMBLY DETAIL
NTS

CALL BEFORE YOU DIG 1-800-424-5555

REVISION	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
1	APR 29, 2021	CITY OF ANACORTES WATER CONNECTION REVIEW			
2	MAY 14, 2021	CITY OF ANACORTES WATER CONNECTION REVIEW			
3	JUN. 02, 2021	CITY OF ANACORTES WATER CONNECTION REVIEW			
4	JUN. 07, 2021	CITY OF ANACORTES WATER CONNECTION REVIEW			
5	JUL. 06, 2021	CITY OF ANACORTES WATER CONNECTION REVIEW			

SAMISH INDIAN NATION
P.O. BOX 217
ANACORTES, WA 98221
360.293.6404

SAMISH WATER SERVICE
WATER SERVICE CONNECTION
SITE IMPROVEMENTS

DETAILS

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DWG: P:\Pse Project\2020166\DWGs\2020166_ecp_SP_WA.dwg			
SHEET	04	OF	04

