



SMALL WORKS CONTRACT
Street Related Water and Storm Improvements
Bid No. 24-12
Released: March 28, 2024
Bids Due: 10:00AM, April 11, 2024 to bids@mercerisland.gov

EXHIBIT A – REQUIRED BID FORMS

Bidders shall complete and submit one Bid Packet of all documents listed below for bids to be considered responsive. Documents required by the checklist but not included may render your bid non-responsive and ineligible for award. Bids received by the scheduled submittal deadline will be opened but are subject to verification that all the required documents have been submitted. There will be no public bid opening. Bid results will be posted on the City's bid web page for public viewing. All required documents must be signed by an authorized representative.

Bid Packet Checklist

1. Bid Proposal Form
2. Subcontractor Listing
3. Non-Collusion Declaration
4. Contractor Declaration (RCW 39.04.350)
5. Bidders Qualification Certificate

BID PROPOSAL FORM



City of Mercer Island - Public Works
Street Related Water and Storm Improvements
Bid No. 24-12

SCHEDULE A BID ITEMS - Water Improvements					
Item No.	Description	Qty.	Unit	Bid Amount	Extended Total (Qty x Unit Price)
A1	Minor Change	1	EST	\$ 2,500.00	\$ 2,500.00
A2	Mobilization	1	LS	\$	\$
A3	Traffic Control Labor	200	HR	\$	\$
A4	Crushed Surfacing Top Course	150	TN	\$	\$
A5	Pothole Existing Utility	10	EA	\$	\$
A6	Shoring or Extra Excavation Class B	1	LS	\$	\$
A7	Fire Hydrant Assembly	3	EA	\$	\$
A8	Replacement of 1" Water Service, Long Side	8	EA	\$	\$
A9	Replacement of 1" Water Service, Short Side	6	EA	\$	\$
A10	HMA Class 1/2" for Trench Patch	20	TN	\$	\$
A11	Inlet Protection	17	EA	\$	\$
A12	Erosion/Water Pollution Control	1	EST	\$ 2,500.00	\$ 2,500.00

TOTAL SCHEDULE A BID \$ _____

SALES TAX @ 10.1% \$ _____

TOTAL SCHEDULE A BID w/SALES TAX \$ _____

SCHEDULE B BID ITEMS - Storm Drainage Improvements					
Item No.	Description	Qty.	Unit	Bid Amount	Extended Total (Qty x Unit Price)
B1	Minor Change	1	EST	\$ 2,500.00	\$ 2,500.00
B2	Mobilization	1	LS	\$	\$
B3	Traffic Control Labor	120	HR	\$	\$

B4	Crushed Surfacing Top Course	150	TN	\$	\$
B5	Pothole Existing Utility	10	EA	\$	\$
B6	Shoring or Extra Excavation Class B	1	LS	\$	\$
B7	Removal of Existing Concrete Pipe	1	LS	\$	\$
B8	8" Ductile Iron Pipe	146	LF	\$	\$
B9	12" Ductile Iron Pipe	15	LF	\$	\$
B10	Catch Basin Type 1	3	EA	\$	\$
B11	HMA Class 1/2" for Trench Patch	15	TN	\$	\$
B12	Erosion/Water Pollution Control	1	EST	\$ 2,500.00	\$ 2,500.00

TOTAL SCHEDULE B BID \$ _____

SCHEDULE C BID ITEMS - Storm Drainage Repair					
Item No.	Description	Qty.	Unit	Bid Amount	Extended Total (Qty x Unit Price)
C1	Minor Change	1	EST	\$ 2,500.00	\$ 2,500.00
C2	Traffic Control Labor	80	HR	\$	\$
C3	Removal of Existing Concrete Pipe	1	LS	\$	\$
C4	Crushed Surfacing Top Course	100	TN	\$	\$
C5	Shoring or Extra Excavation Class B	1	LS	\$	\$
C6	18" Ductile Iron Pipe	30	LF	\$	\$
C7	Reconstruct Pipe Headwall	1	LS	\$	\$
C8	HMA Class 1/2" for Trench Patch	15	TN	\$	\$

TOTAL SCHEDULE C BID \$ _____

TOTAL BID PRICE = SCHEDULE A w/SALES TAX + SCHEDULE B + SCHEDULE C \$ _____

All blanks on the Bid Proposal Form shall be completed. A bid price shall be indicated in each section.

Total Bid Price = Total Schedule A Bid w/Sales Tax + Total Schedule B Bid + Total Schedule C Bid

The undersigned Bidder hereby declares that they have carefully examined the Contract Documents for the construction of the project, that they have personally inspected the site, that they have satisfied themselves as to the quantities involved, including materials and equipment, and conditions of work involved, including the fact that the description of the quantities of work and materials, as included herein, is brief and is intended only to indicate the general nature of the work and to identify the quantities with the detailed requirements of the Contract Documents, and that this Proposal is made according to the provisions and under the terms of the Contract Documents, which Documents are hereby made a part of this Proposal. The Bidder further declares that they have exercised their own judgment regarding the interpretation of subsurface information and has utilized all data, which they believe pertinent from the Engineer, Owner, and other sources and have made such independent investigations as the Bidder deems necessary in arriving at their conclusions.

The Bidder is hereby notified that no goal for disadvantaged business enterprise utilization has been established for this project. As part of the City's affirmative action effort, however, the City encourages participation of certified disadvantaged businesses and women business enterprises to act as prime contractors as well as subcontractors on this project.

The undersigned Bidder hereby declares that Bidder has carefully examined the Contract Documents including the following addenda, receipt of all is hereby acknowledged:

Addendum No.	Date
_____	_____
_____	_____

Contractor Name

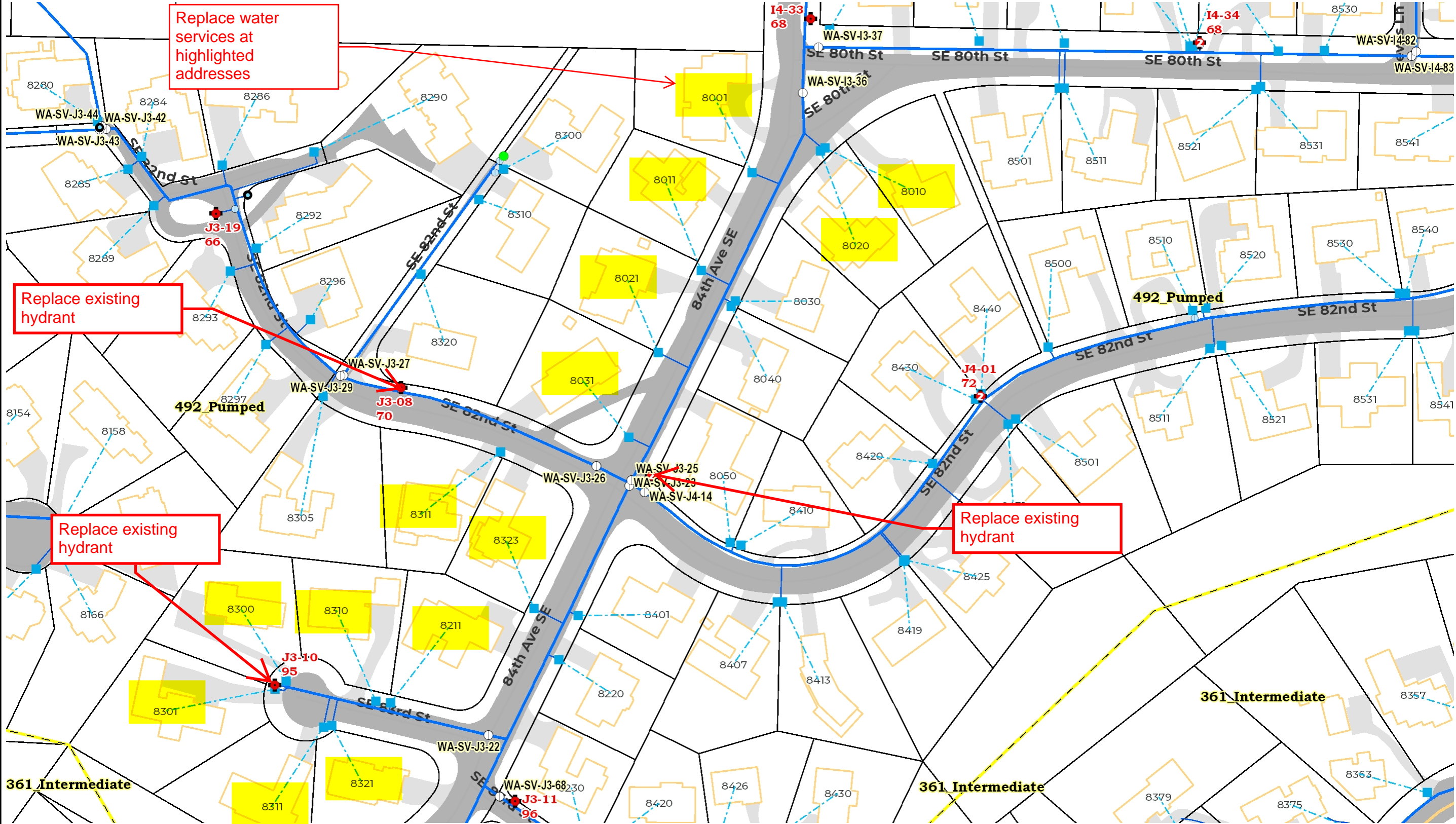
Washington Contractor's Registration No.

Address

Authorized Signature

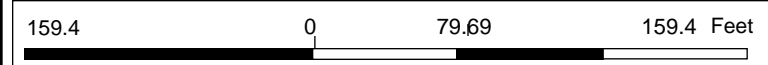
Title

Date



- ### Legend
- Blowoff Assemblies
 - Hydrant
 - ◆ Mercer Island (2 Port)
 - ◆ Mercer Island (3 Port)
 - ◆ WSDOT (3 Port)
 - ◆ Private (3 Port)
 - Air Release
 - ▲ Pressure Reducing Valve
 - Backflow Preventors
 - Lateral Valve
 - Main Valve
 - Gate (Open)
 - Butterfly (Open)
 - Other (Open)
 - Gate (Closed)
 - Butterfly (Closed)
 - Other (Closed)
 - Main Break
 - Meter
 - Sampling Station
 - Water Main
 - Water Lateral
 - Water Pump Station
 - Storage Facility
 - Water Meter Link
 - Pressure Zone
 - Address
 - Parcels
 - Buildings
 - Docks
 - Shoreline
 - Major Roads
 - Street Centerline
 - Paved Road
 - Paved Driveway
 - Paved Parking Area
 - Parks

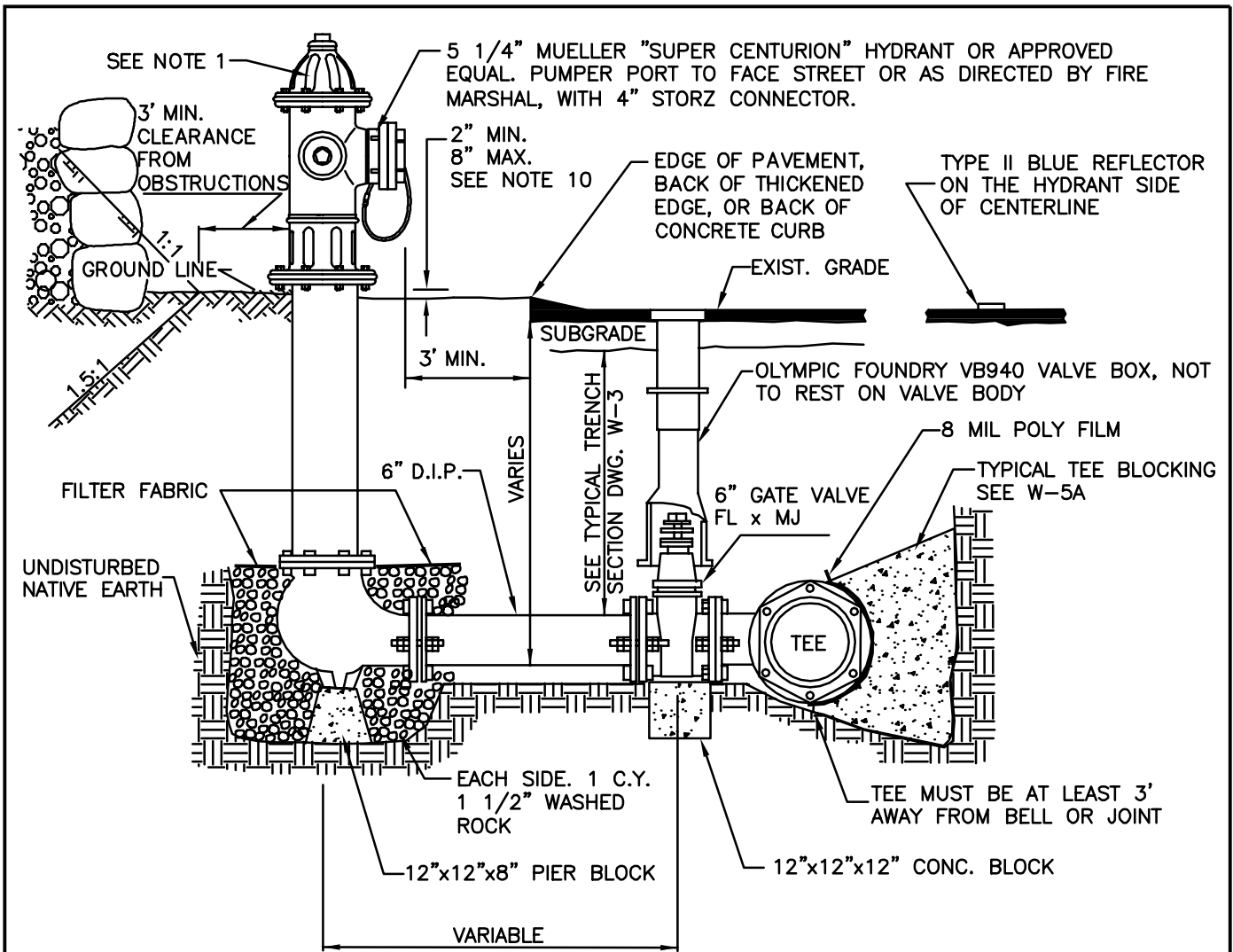
1: 1,250



Disclaimer: These maps were developed by the City of Mercer Island and are intended to be a general purpose digital reference tool. These maps are not an accepted legal instrument for describing, establishing, recording or maintaining descriptions for property concerns or boundaries. The City makes no representation or warranty with respect to the accuracy or currency of these data sets, especially in regard to labeling of surveyed dimensions, or agreement with official sources such as records of survey, or mapped locations of features.


Notes

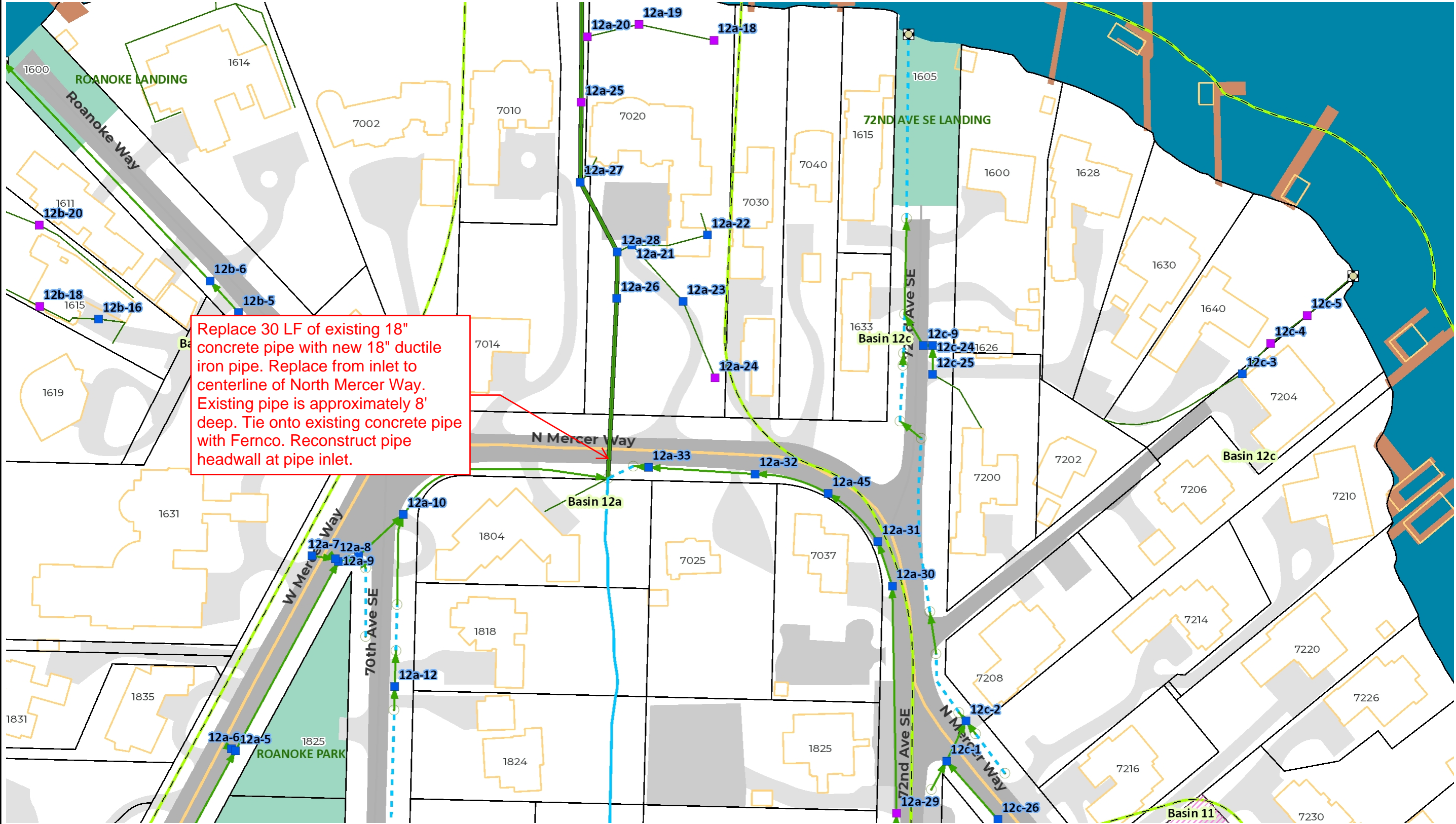
Description	House #	Street	Existing Service Material	Long or Short Side Replacement	Notes
Water Service Replacement	8311	SE 82nd Street	Unknown	Long	Pothole to expose the service line for the first three feet on the city side of the meter so the engineer may verify the unknown water service material. If existing service line is not copper replace with new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8310	SE 83rd Street	Cast Iron?	Short	Pothole to expose the service line for the first three feet on the city side of the meter so the engineer may verify the unknown water service material. If existing service line is not copper replace with new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8300	SE 83rd Street	Cast Iron?	Short	Pothole to expose the service line for the first three feet on the city side of the meter so the engineer may verify the unknown water service material. If existing service line is not copper replace with new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8301	SE 83rd Street	Cast Iron?	Short	Pothole to expose the service line for the first three feet on the city side of the meter so the engineer may verify the unknown water service material. If existing service line is not copper replace with new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8311	SE 83rd Street	Cast Iron?	Long	Pothole to expose the service line for the first three feet on the city side of the meter so the engineer may verify the unknown water service material. If existing service line is not copper replace with new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8321	SE 83rd Street	Cast Iron?	Long	Pothole to expose the service line for the first three feet on the city side of the meter so the engineer may verify the unknown water service material. If existing service line is not copper replace with new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8031	84th Ave SE	Galvanized	Long	Install new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8021	84th Ave SE	Galvanized	Long	Install new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8011	84th Ave SE	Galvanized	Long	Install new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8001	84th Ave SE	Galvanized	Long	Install new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8020	84th Ave SE	Galvanized	Short	Install new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8010	84th Ave SE	Galvanized	Short	Install new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8323	84th Ave SE	Galvanized	Long	Install new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Water Service Replacement	8211	84th Ave SE	Cast Iron?	Short	Pothole to expose the service line for the first three feet on the city side of the meter so the engineer may verify the unknown water service material. If existing service line is not copper replace with new 1" water service line per MI Std Detail W-13. Disconnect and abandon existing water service in place. Reconnect to existing meter setter after curb stop in existing meter box.
Fire Hydrant Replacement	8320	SE 82nd Street	Cast Iron	N/A	Install new cut-in tee on existing 6" cast iron main and fire hydrant per MI standard detail W-24.
Fire Hydrant Replacement	8050	84th Ave SE	Cast Iron	N/A	Install new cut-in tee on existing 8" cast iron main and fire hydrant per MI standard detail W-24.
Fire Hydrant Replacement	8300	SE 83rd Street	Cast Iron	N/A	Install new cut-in tee on existing 6" cast iron main and fire hydrant per MI standard detail W-24.



NOTE:

1. 1-5 1/4" M.V.O. HYDRANT WITH 2-2 1/2" N.T.S. M.J. INLET WITH LUGS, BRASS-TO-BRASS SUB-SEAT AND 1-4 1/2" PUMPER, SEATTLE STANDARD PIPE THREAD WITH 4" STORZ CONNECTOR HARRINGTON MODEL NO. HPHA40-40-004/CAP, SIZE 4.875-INCH BY 6-INCH.
2. NO DOMESTIC CONNECTIONS CAN BE MADE TO THE FIRE HYDRANT RUNS.
3. ANY FIRE HYDRANT RUN OVER 18 FEET IN LENGTH OF PIPE SHALL HAVE RESTRAINED JOINT GASKETS.
4. USE ROMA GRIP, OR APPROVED EQUAL, PIPE RESTRAINERS AT VALVE AND HYDRANT BASE.
5. HYDRANT SHALL BE PAINTED WITH 2 COATS OF FARWEST #250 HIGH GLOSS WHITE PAINT, OR APPROVED EQUAL, APPLIED WITH A PAINT BRUSH. DO NOT APPLY PAINT TO STORZ FITTING, BRASS PORT THREADS, OR BELOW SAFETY FLANGE.
6. BOLLARDS MAY BE USED TO PROTECT THE HYDRANT WHEN NO CURBS ARE PRESENT OR IN EXPOSED AREAS OF PARKING LOTS.
7. STRAIGHT PIPE TO HYDRANTS FROM MAIN, NO BENDS.
8. REMOVE CHAINS FROM HYDRANT CAPS.
9. VALVE AND HYDRANT MUST BE PLUMB.
10. THIS DISTANCE IS MEASURED FROM BOTTOM OF SAFETY FLANGE TO LEVEL OF FINISH GRADE BELOW HYDRANT.

	CITY OF MERCER ISLAND	
	STANDARD DETAILS	
WATER		
FIRE HYDRANT CONNECTION		
02-23-2021	NO SCALE	W-24
REV DATE		APPROVED

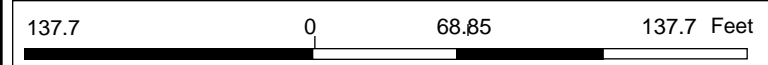


Replace 30 LF of existing 18" concrete pipe with new 18" ductile iron pipe. Replace from inlet to centerline of North Mercer Way. Existing pipe is approximately 8' deep. Tie onto existing concrete pipe with Fernco. Reconstruct pipe headwall at pipe inlet.

Legend

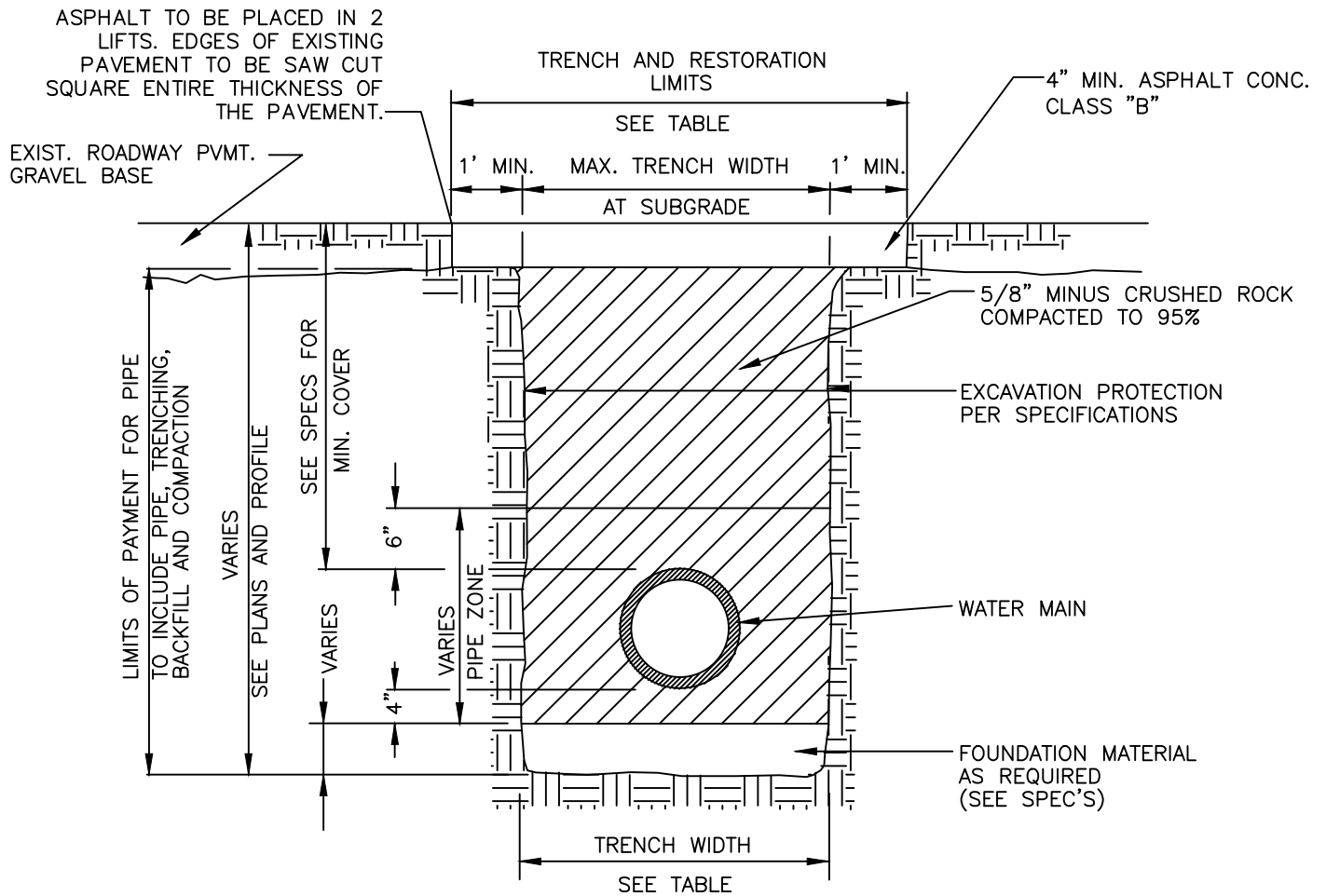
- Catch Basin**
 - Other-Unknown
 - Type 1
 - Type 2 / MH
- Storm Main**
 - Pipe
 - Open Watercourse
 - Piped Watercourse
 - Ditch
 - Culvert
 - Other
- Discharge Point**
- Inlet-Outlet**
- Storm Lateral**
- Control Structure**
 - Detention/Retention
 - Pond
 - Other
- Parcel With Detentior**
- Watercourse Stabilize**
- Storm Video**
- Lining-Repair**
- Drainage Basins**
- Placeholder Lateral**
- Address**
- Parcels**
- Buildings**
- Docks**
- Shoreline**
- Major Roads**
- Street Centerline**
- Paved Road**
- Paved Driveway**
- Paved Parking Area**
- Parks**

1:1,080



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Notes



TRENCH WIDTH			
PIPE SIZE	PIPE ZONE MAX. TRENCH WIDTH	MAX. TRENCH WIDTH AT SUBGRADE	MAX. RESTORATION WIDTH AT SURFACE
WATER SERVICES	2'-0"	2'-0"	4'-0"
4" OR 6"	2'-2"	3'-0"	5'-0"
8"	2'-4"	4'-0"	6'-0"
10"	2'-6"	4'-0"	6'-0"
12"	2'-8"	4'-6"	6'-6"
16"	3'-0"	5'-0"	7'-0"

NOTES

1. CALL TWO BUSINESS DAYS BEFORE YOU DIG. (1-800-424-5555)
2. ALL TRENCH BACKFILL MATERIAL SHALL BE 100% 5/8" MINUS CRUSHED ROCK PER WSDOT 9-03.9(3) UNLESS DIRECTED OTHERWISE BY CITY ENGINEER.



**CITY OF MERCER ISLAND
STANDARD DETAILS
WATER**

TRENCH SECTION

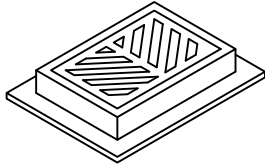
12-23-2013

NO SCALE

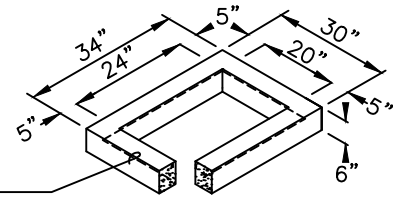
W-3

REV DATE

APPROVED

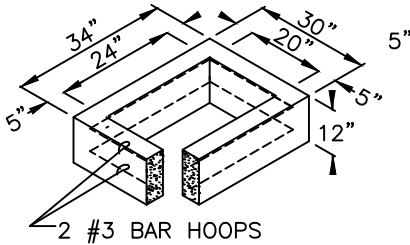


FRAME AND GRATE



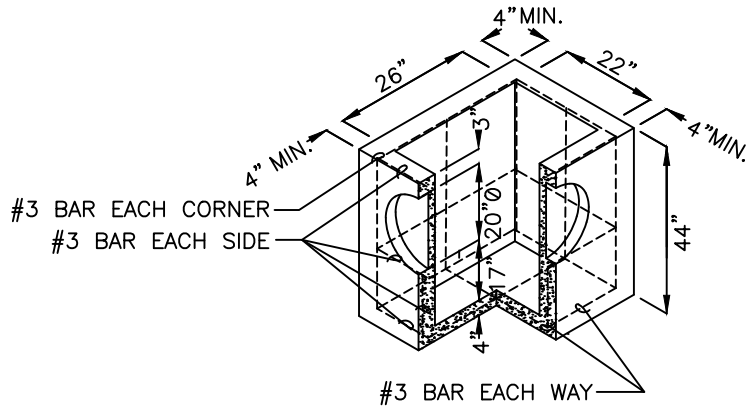
1 #3 BAR HOOP

6" RISER SECTION



2 #3 BAR HOOPS

12" RISER SECTION



PRECAST BASE SECTION
(MEASUREMENT AT THE TOP
OF THE BASE)

NOTES

1. CATCH BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 (AASHTO M199) AND C890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE STANDARD SPECIFICATIONS.
2. AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC HAVING A MINIMUM AREA OF 0.12 SQUARE INCHES OR FOOT MAY BE USED. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497 (AASHTO M221). WIRE FABRIC SHALL NOT BE PLACED IN KNOCKOUTS.
3. ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4,000.
4. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MIN. ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
5. KNOCKOUT OR CUTOUT HOLE SIZE IS EQUAL TO PIPE OUTER DIAM. PLUS CATCH BASIN WALL THICKNESS.
6. ROUND KNOCKOUTS MAY BE ON ALL 4 SIDES WITH MAX. DIAM. OF 20". KNOCKOUT MAY BE EITHER ROUND OR "D" SHAPE.
7. THE MAX. DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".
8. THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1/2"/FT.
9. CATCH BASIN FRAME AND GRATES SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION RR-F-612D. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY OTHER COVER POSITION.
10. FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.
11. ALL GRATES SHALL BE HERRINGBONE UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
12. VANED GRATES SHALL BE USED ON SLOPES OF 6% OR GREATER.



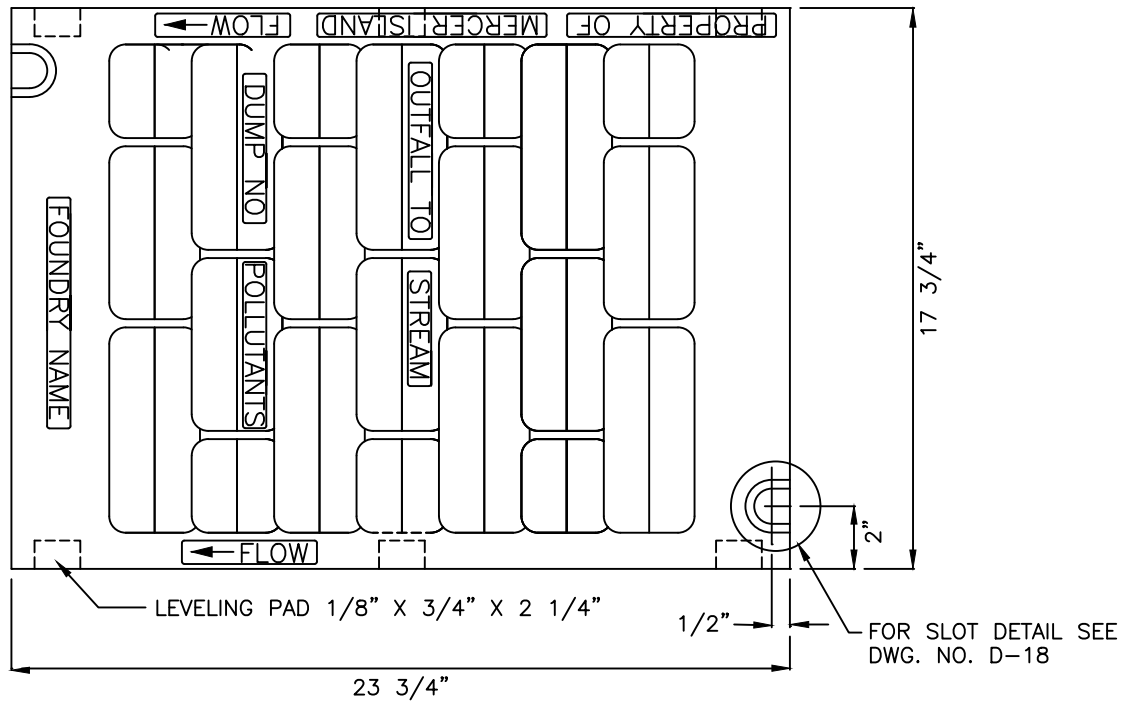
**CITY OF MERCER ISLAND
STANDARD DETAILS
DRAINAGE**

CATCH BASIN TYPE 1

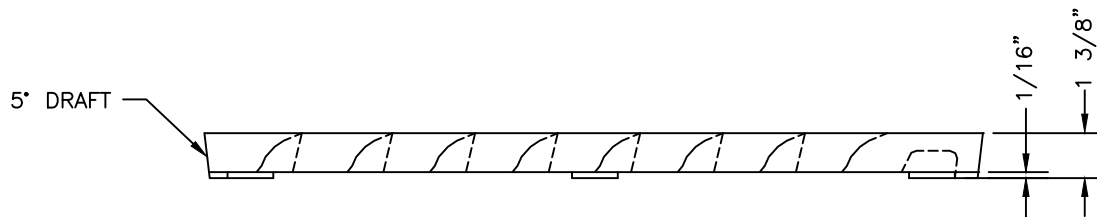
02/02/2000

NO SCALE

D-8




PLAN



ELEVATION

NOTES

1. SELF-LOCK VANED GRATE MANUFACTURER SUBJECT TO APPROVAL BY ENGINEER.
2. USE WITH TWO LOCKING BOLTS 5/8"-11 NC STAINLESS TYPE 304 STEEL SOCKET HEAD (ALLEN HEAD) CAP SCREWS 2" LONG. NOTE SLOT DETAIL DWG. NO. D-18.
3. MATERIAL IS DUCTILE IRON ASTM A536 GRADE 80-55-06.
4. "OUTFALL TO STREAM DUMP NO POLLUTANTS" MAY BE LOCATED ON BORDER AREA.
6. THE WORDS "PROPERTY OF MERCER ISLAND" SHALL BE OMITTED IF GRATE IS ON PRIVATE SYSTEM.

	CITY OF MERCER ISLAND STANDARD DETAILS DRAINAGE	
	VANED GRATE	
02/02/2000	NO SCALE	D-20

Subcontractor Listing – RCW 39.30.060

Pursuant to RCW 39.30.060, the Bidder shall list as part of its Bid either itself or the names of the subcontractors with whom the Bidder, if awarded the contract, will subcontract for performance of the work of heating, ventilation and air conditioning (“HVAC”), plumbing as described in chapter 18.106 RCW, and electrical as described in chapter 19.28 RCW, or to name itself for the work. The Bidder shall not list more than one subcontractor for each category of work.

Failure of the Bidder to submit as part of the Bid the names of such subcontractors or to name itself to perform such work or the naming of two or more subcontractors to perform the same category of work shall render the Bidder’s Bid nonresponsive and therefore, void.

The requirement of this section to name the Bidder’s proposed HVAC, plumbing, and electrical subcontractors applies only to proposed HVAC, plumbing, electrical subcontractors, structural steel installation, and rebar installation who will contract directly with the general contractor submitting the Bid to the City.

Electrical work must be performed by a licensed electrical contractor. Bidders are cautioned that installation of electrical equipment (PVC or metal conduit, junction boxes or similar work) may be considered electrical work even if for future use and no electrical current is involved.

Within 48 hours after the published bid submittal time, the Bidder shall submit the names of the subcontractors with whom the bidder, if awarded the contract, will subcontract for performance of the work of structural steel installation and rebar installation, or shall name itself for the work.

If the subcontract work categories as described above are not applicable to the work being bid, the bidder must indicate that the subcontract category is “NOT APPLICABLE.”

HVAC

Subcontractor Name: _____

UBI Number: _____

Plumbing

Subcontractor Name: _____

UBI Number: _____

Electrical

Subcontractor Name: _____

UBI Number: _____

Structural Steel

Subcontractor Name: _____

UBI Number: _____

Rebar

Subcontractor Name: _____

UBI Number: _____

Non-Collusion Declaration

Project Name: Street Related Water and Storm Improvements

Bidder/Contractor: _____

I, _____, declare under penalty of perjury under the laws of the State of Washington that the following statements are true and correct:

1. I am the representative for the above-named bidder/contractor, and as its _____, I am authorized to make the declaration herein on its behalf.
2. That the undersigned person(s), firm, association or corporation has (have) not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the project for which this proposal is submitted.

Date and Place

Signature

Contractor Declaration Pursuant to RCW 39.04.350(2)

Project Name: Street Related Water and Storm Improvements

Bidder/Contractor:

I, _____, declare under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct:

1. I am the representative for the above-named bidder/contractor, and as its _____, I am authorized to make the declaration herein on its behalf.

2. Within the three-year period immediately preceding the date of the bid solicitation for the above-named project, the above-named bidder/contractor has not been determined by a final and binding citation and notice of assessment issued by the department of labor and industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of chapter 49.46, 49.48, or 49.52 RCW.

Date and Place

Signature

Bidder's Qualification Certificate

The undersigned hereby certifies and submits the following:

Company Name _____
Address _____

Owner Name _____
Contact Person _____
Contact Person's Title _____
Phone _____
E-mail _____

Washington State Contractor Registration # _____
Washington State Unified Business Identifier (UBI) # _____
Federal Tax ID # _____
City of Mercer Island Business License #
(required prior to award of contract) _____

	Yes or No	Account / Registration Number (as applicable)
Does the contractor have industrial insurance coverage for its employees working in Washington as required by Title 51 RCW?	_____	_____
Does the contractor have a Washington State excise tax registration number as required by Title 82 RCW?	_____	_____
Does the contractor have a Washington State Employment Security Department number as required by Title 50 RCW?	_____	_____
Has the contractor been disqualified from bidding on any public works contract under RCW 39.06.010 or 39.12.065(3)?	_____	_____
Has the contractor received training on the requirements related to public works contracts and prevailing wage requirements pursuant to RCW 39.04.350(f) and chapter 39.12 RCW, or is the contractor otherwise exempt from this requirement by the department of labor and industries?	_____	_____
Within the three-year period immediately preceding the date of the bid solicitation, has the contractor been determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of Chapters 49.46, 49.48, or 49.52 RCW?	_____	_____

By: _____
Signature
Title

Print Name
Date