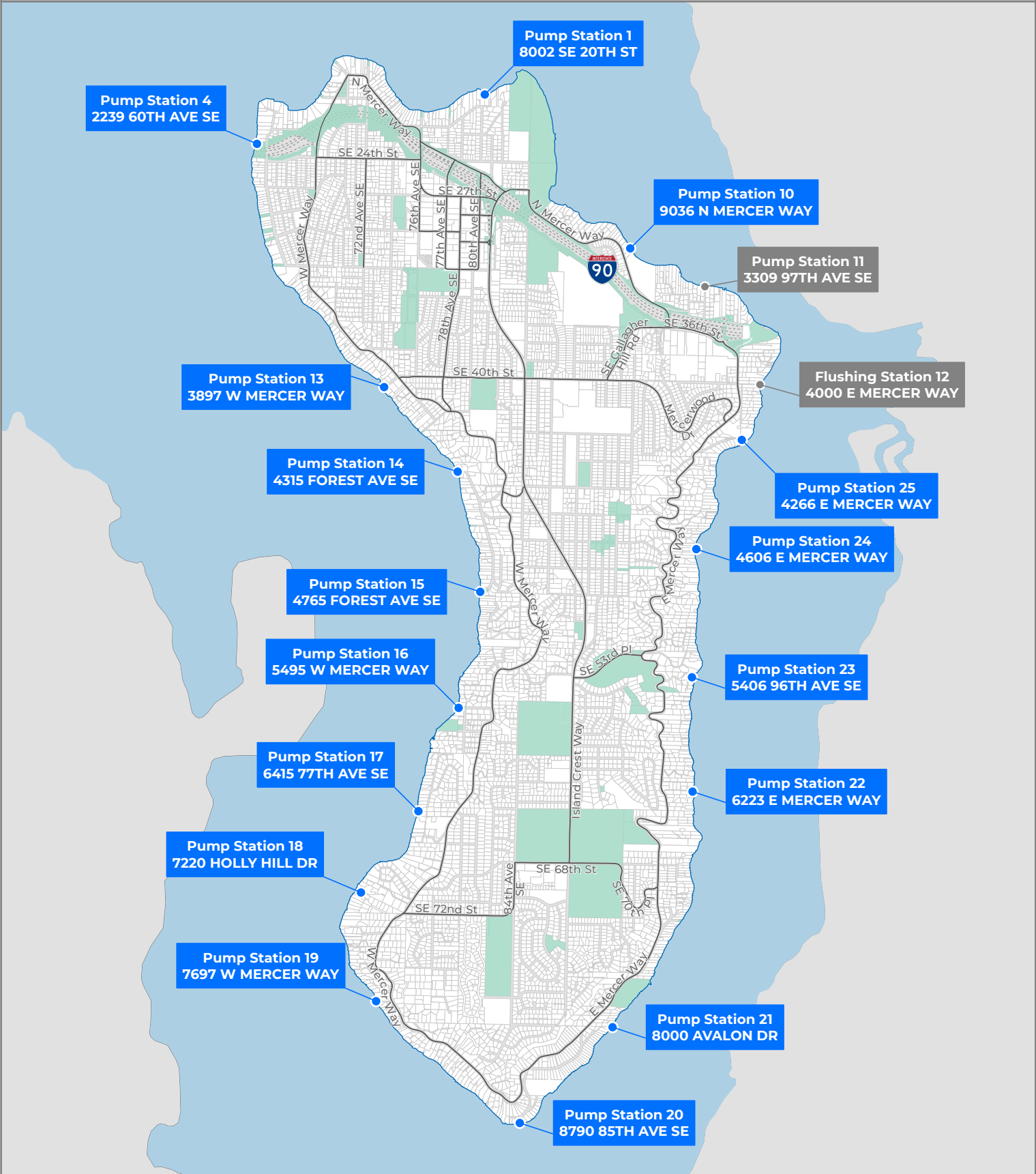


RFP 25-22
Wet Well Cleaning & Disposal - Rebid



— Roads

Major Roads

..... I-90

Parcels

Parks



2024CIPTemplate
Map & Layout: RFP 25-04
Date: 1/27/2025

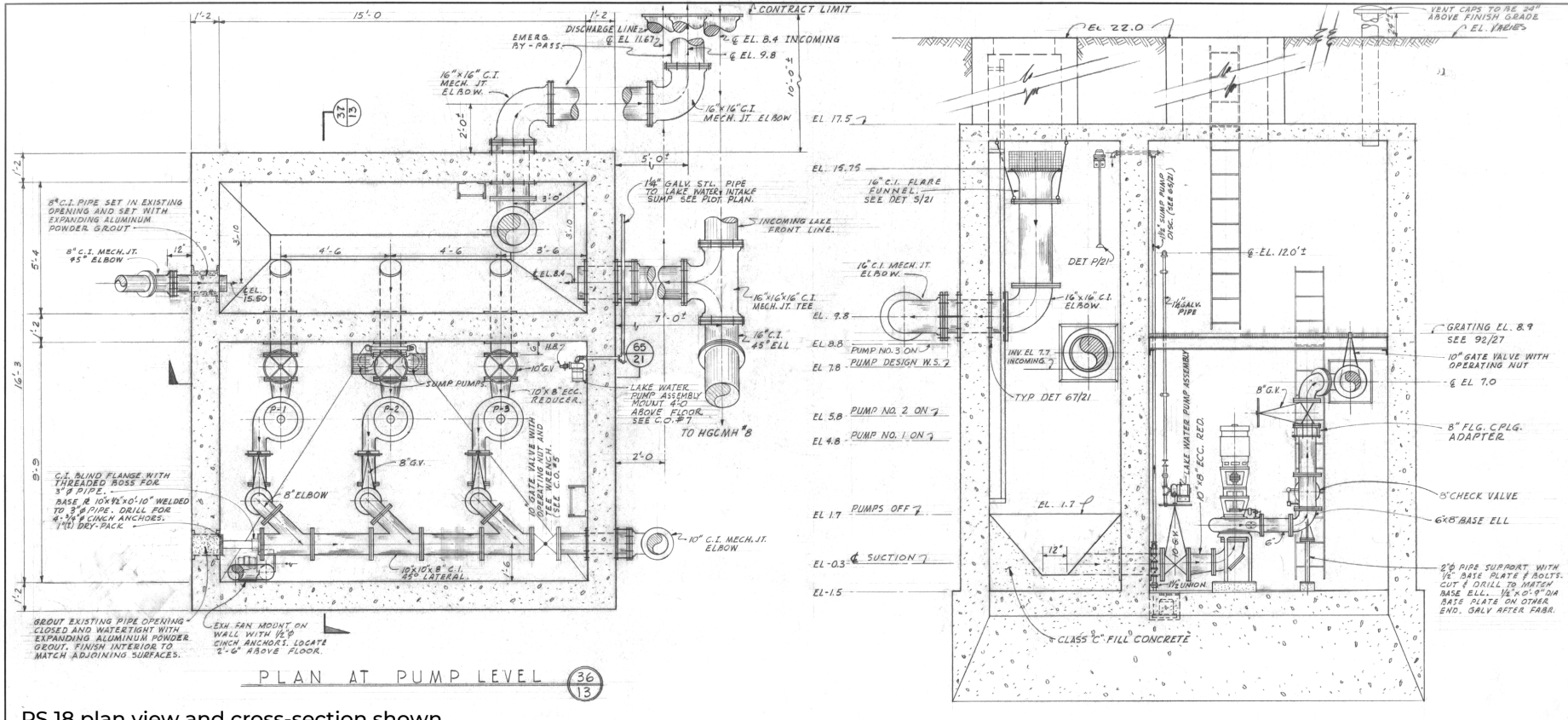
Disclaimer: No warranties of any sort including accuracy, fitness or merchantability accompany this map.

PS WET WELL VAULT SPECIFICATIONS

Station	Elev @ base	Elev @ top	Elev @ overflow weir	Length	Width	Height	Structure Volume (ft ³)	Capacity at Overflow (gal)	Height @ Lead Pump Start	Capacity @ Lead Pump Start (gal)	Approx. Gal / Vert Rise (gal/v.ft)
PS 1	5.50	16.00	13.50	10.00	6.00	10.50	630	3586	6	2689	341.5
PS 4	-19.38	28.00	19.00	15.00	15.16	47.38	10774	65195	6	10192	1376.0
PS 10	0.55	16.67	15.75	9.33	6.42	16.12	966	6801	6	2685	421.9
PS 11	0.55	16.67	15.75	9.33	6.42	16.12	966	6801	6	2685	421.9
PS 13	0.55	16.67	15.75	11.33	5.42	16.12	990	6973	6	2752	432.5
PS 14	4.90	19.92	15.75	14.25	7.00	14.83	1480	8085	6	4471	545.0
PS 15	1.30	16.67	15.75	9.50	3.50	15.88	528	3589	6	1490	226.1
PS 16	0.00	16.67	15.75	4.25	13.00	17.73	980	6500	6	2476	366.6
PS 17	0.00	16.67	15.75	4.25	13.00	17.73	980	6500	6	2476	366.6
PS 18	-1.50	16.67	15.75	15.00	5.33	18.33	1465	10302	6	3583	562.0
PS 19	-1.50	16.67	15.75	15.00	5.33	18.33	1465	10302	6	3583	562.0
PS 20	-1.50	16.67	15.75	15.00	5.33	18.33	1465	10302	6	3583	562.0
PS 21	-1.50	16.67	15.75	15.00	5.33	18.33	1465	10302	6	3583	562.0
PS 22	0.60	16.67	15.75	4.25	13.00	16.23	897	6253	6	2476	385.3
PS 23	0.60	16.67	15.75	4.25	13.00	16.23	897	6253	6	2476	385.3
PS 24	0.60	16.67	15.75	4.25	13.00	16.23	897	6253	6	2476	385.3
PS 25	-0.50	18.83	17.57	9.50	3.50	18.50	615	4488	6	1490	242.6

Note: Dimensions shown have been extracted from available as-built records. All units in feet unless otherwise specified.

TYPICAL PS VAULT ILLUSTRATION



PS 18 plan view and cross-section shown



Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

1: 500



63.7 0 31.87 63.7 Feet



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Notes



**TIMBER
STEPS**



**NOTES:
REMOTE SITE = LIMITED VEHICLE ACCESS
DUE TO NARROW (10FT WIDE) STEEP (23%
GRADE) PAVED ACCESS ROAD. CLOSEST
PARKING FOR VEHICLES IS 120FT ABOVE
STATION OR 350FT TO N MERCER WAY.
STATION LOCATED ON CITY OWNED
PARCEL.**

**CITY
DOCK**



STATION





Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

1: 500

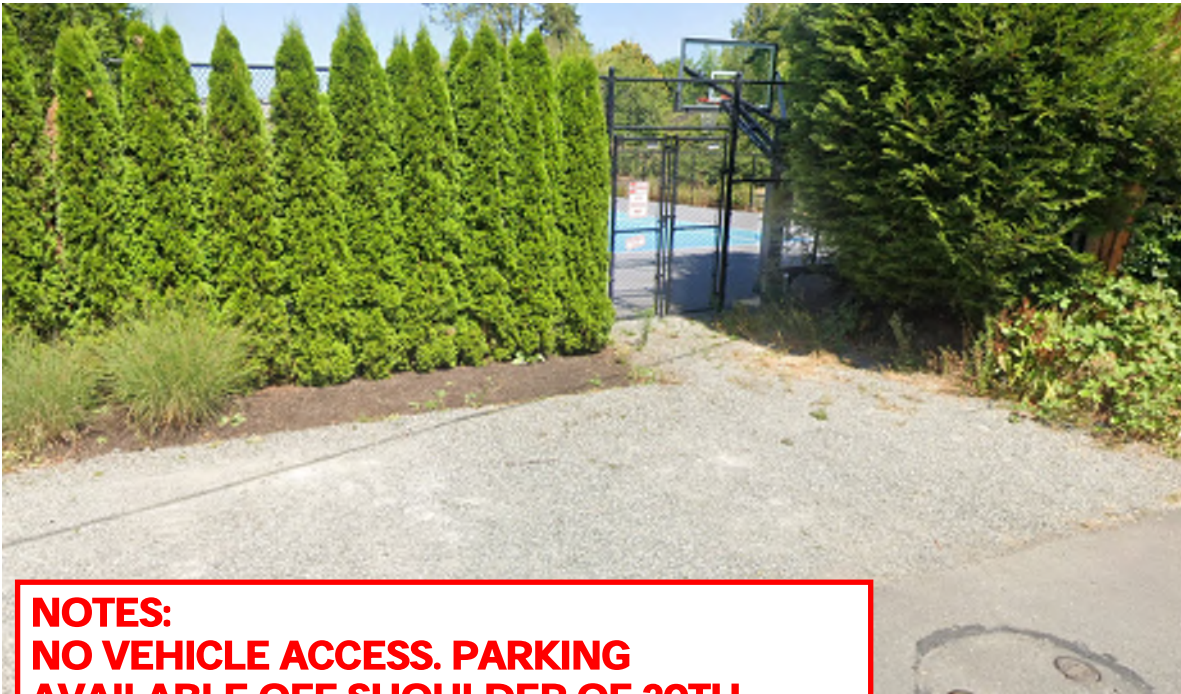


63.7 0 31.87 63.7 Feet



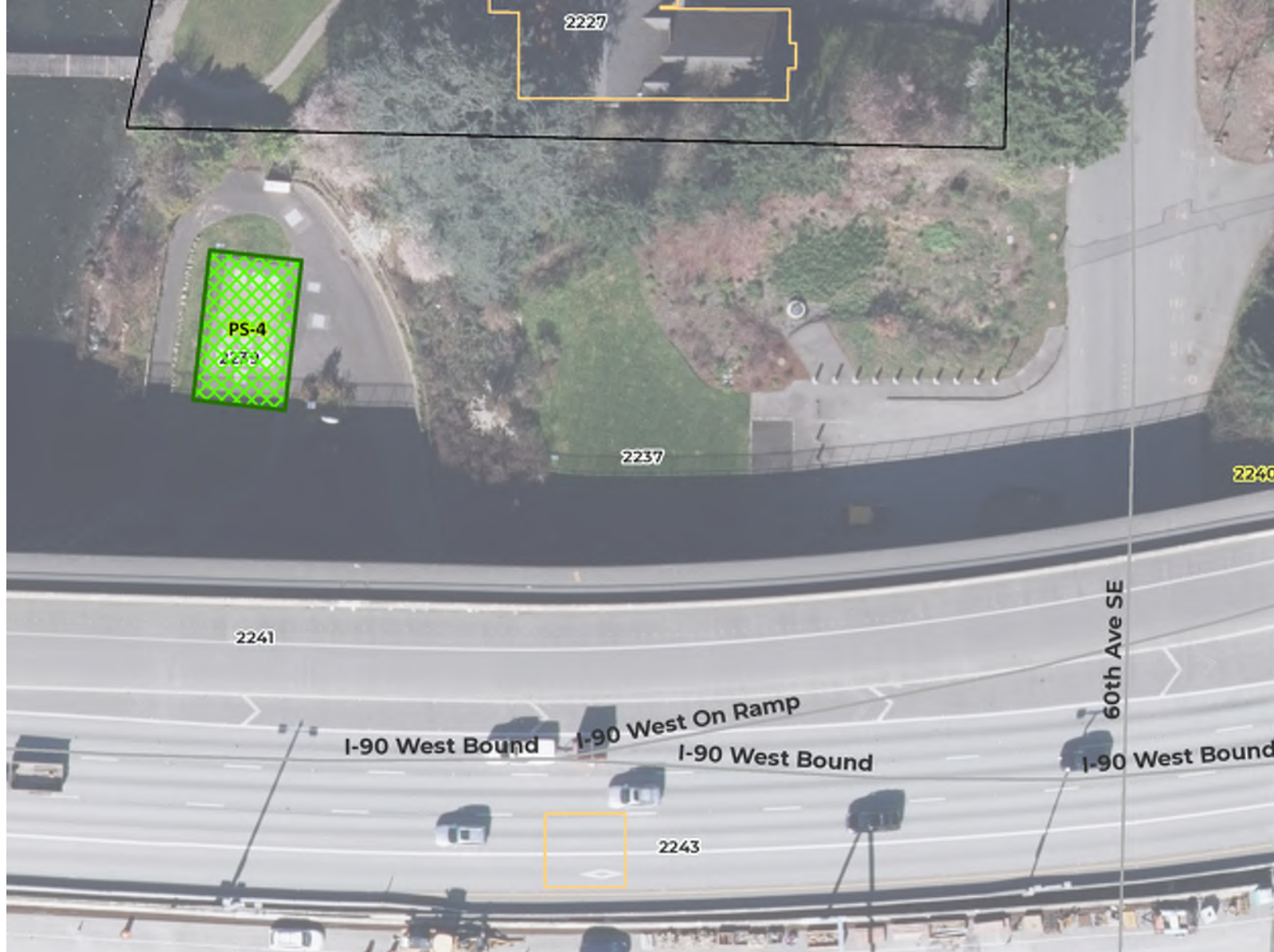
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Notes



NOTES:
NO VEHICLE ACCESS. PARKING
AVAILABLE OFF SHOULDER OF 20TH
ALONG S TENNIS COURT FENCE.
DISTANCE TO SITE IS APPROX. 300FT.
ACCESS SITE BY PAVED PATH. STATION
AND PATH ACCESSED BY EASEMENT.





Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 42 83 Feet

1 inch =
83.333333333333
feet



Notes

NOTES:
SUBMERSIBLE STATION. PARKING
AVAILABLE OFF 60TH AVE SE BELOW 90
BRIDGE. PAVED ACCESS PATH TO
STATION BLDG AND WETWELL. STATION
LOCATED WITHIN CITY ROW.





Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 42 83 Feet

1 inch =
83.333333333333
feet



Notes



PARKING

ACCESS PATH



**CITY
DOCK**

STATION

**NOTES:
REMOTE SITE = NO
VEHICLE ACCESS.
APPROX 275FT FROM
PARKING TO STATION
ALONG ACCESS PATH.
ACCESS BY EASEMENT**



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Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 42 83 Feet

1 inch =
83.333333333333
feet



Notes

**NOTES:
SUBMERSIBLE STATION. LARGE VEHICLE
ACCESSIBLE. STREET END. LOCATED IN
HALF CITY ROW HALF EASEMENT.**



STATION





Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 42 83
Feet

1 inch =
83.333333333333
feet



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Notes



**ACCESS VIA
TIMBER STEPS**

**NOTES:
DRIVEWAY IS NARROW
AND STEEP. LIMITED
SPACE TO TURNAROUND
AT BOTTOM. SUGGEST
LARGER VEHICLES BACK
DOWN. CITY OWNED
ROW. APPROX 85FT
FROM PARKING TO
STATION**

STATION





Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 42 83 Feet

1 inch =
83.333333333333
feet



Notes



NOTES:
GRAVEL ACCESS ROAD.
LARGE VEHICLE
ACCESSIBLE STATION.
CITY OWNED ROW










STATION



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Legend

-  Sewer Pump Station
-  Address
-  Parcels
-  Buildings
-  Street Centerline
-  March 2020
-  Red: Band_1
-  Green: Band_2
-  Blue: Band_3

0 42 83
Feet

1 inch =
83.333333333333
feet



Notes



STATION



NOTES:
REMOTE SITE = NO VEHICLE ACCESS. PARK ON 77TH AVE SE. STATION LOCATED IN SW CORNER OF THE BACKYARD OF 6411. RIGHT OF ENTRY GRANTED TO CITY & ITS CONTRACTORS. ACCESS BACKYARD VIA SIDEYARD ON N SIDE OF RESIDENCE, TRAVERSE BACK PATIO. NO DOCK ACCESS. COORDINATE W/OWNER FOR USE OF DWAY, S SIDEYARD, OR DOCKS



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Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 42 83 Feet

1 inch =
83.333333333333
feet












Notes

NOTES:
NARROW PRIVATE ROAD, HOWEVER
LARGE VEHICLE ACCESSIBLE. PRIVATE
DRIVEWAY OF 7201 REQUIRED TO TURN
AROUND. STATION LOCATED ON CITY
EASEMENT





- Legend**
-  Sewer Pump Station
 -  Address
 -  Parcels
 -  Buildings
 -  Street Centerline
 -  March 2020
 -  Red: Band_1
 -  Green: Band_2
 -  Blue: Band_3

1: 500



63.7 0 31.87 63.7 Feet

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Notes



NOTES:
REMOTE SITE = NO VEHICLE ACCESS. LAND
ACCESS BY 7641 W MERCER WAY, OR
STEEP DRIVEWAY OF 7701 W MERCER WAY.
STATION LOCATED ON CITY ROW

STATION



CITY DOCK





Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

1: 500



63.7 0 31.87 63.7 Feet



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Notes

NOTES:
STREET END. LARGE VEHICLE ACCESSIBLE.
STATION LOCATED IN CITY OWNED ROW.
PLACE NO PARKING SIGNAGE 48HRS PRIOR
TO ANY WORK



STATION





CITY OF MERCER ISLAND

SEWER PS 21: 8000 AVALON DR



Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 42 83 Feet

1 inch =
83.333333333333
feet



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Notes

**NOTES:
LARGE VEHICLE
ACCESSIBLE VIA STEEP
NARROW PRIVATE
DRIVE. LIMITED
TURNAROUND SPACE.
PARK AT 7964. STATION
LOCATED APPROX. 50FT
ACROSS LAWN. STATION
LOCATED ON CITY ON
ROW. WALKING AND
PARKING ACCESS BY
CITY EASEMENT.**



**PARK AT
7964 E
MERCER
WAY**

STATION





Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 42 83 Feet

1 inch =
83.333333333333
feet



Notes



"BOAT LAUNCH"

**PARK AND/OR
TURNAROUND
AT 6226**



STATION

**NOTES:
LARGE VEHICLE ACCESSIBLE VIA STEEP
NARROW PRIVATE DRIVE. TURNAROUND
SPACE AND PARKING AT 6226 (APPROX.
75FT ABOVE STATION). STATION LOCATED
ON PRIVATE PROPERTY. ACCESS BY
EASEMENT. "BOAT LAUNCH" IS USABLE BUT
STEEP**





Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 42 83
Feet

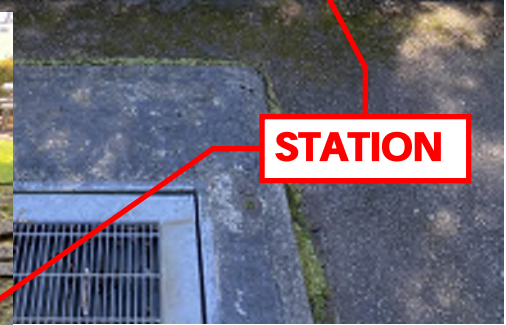
1 inch =
83.333333333333
feet



Notes



**NOTES:
LARGE VEHICLE ACCESSIBLE. AMPLE
TURNAROUND. STATION LOCATED
70FT FROM PARKING IN COMMUNITY
PARK. STATION ACCESS BY
EASEMENT.**



STATION





CITY OF MERCER ISLAND

SEWER PS 24: 4606 E MERCER WAY



Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 42 83 Feet

1 inch =
83.333333333333
feet



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Notes



STATION



PARKING

NOTES:

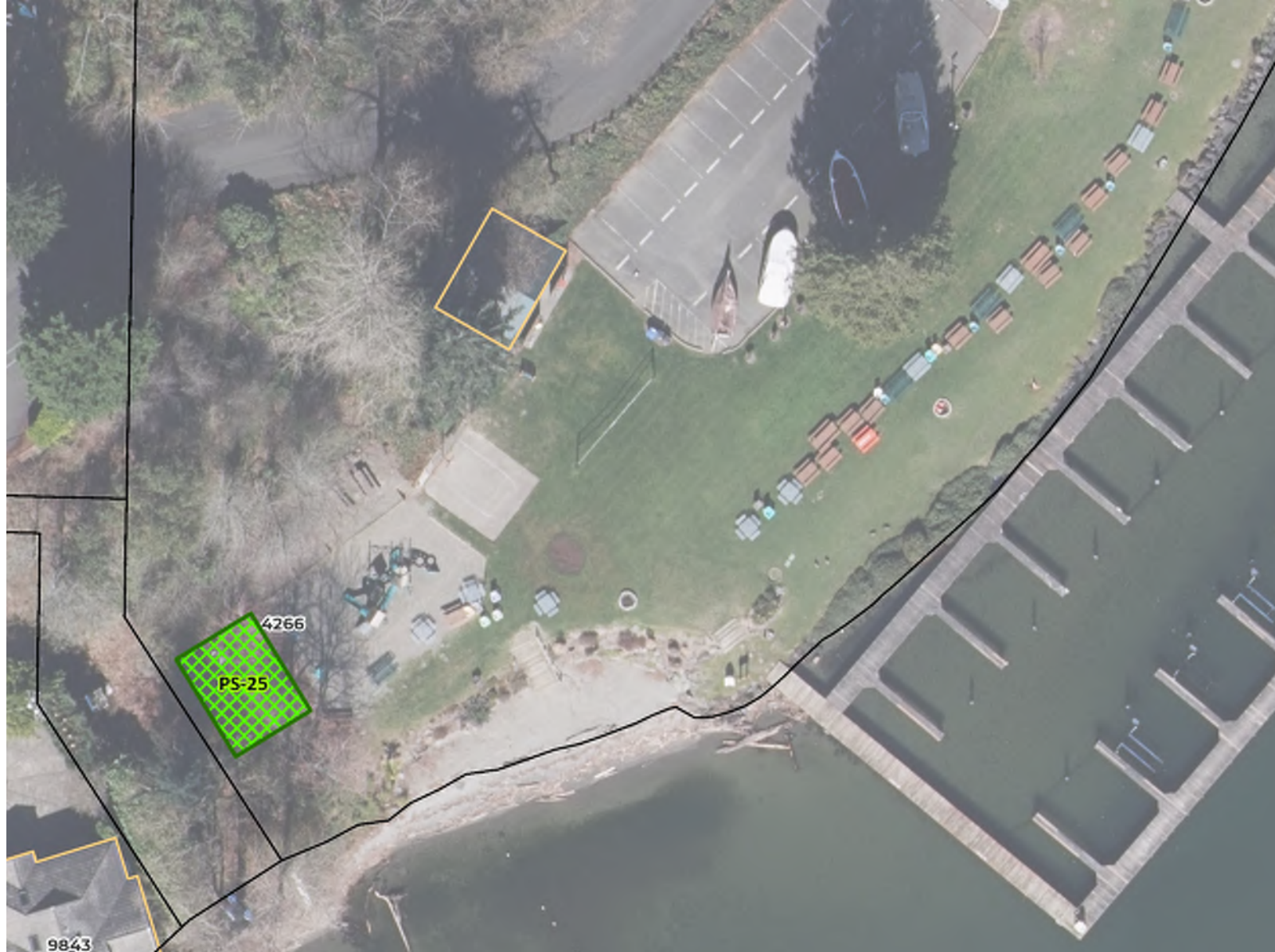
**REMOTE SITE = NO VEHICLE ACCESS. .
STATION LOCATED IN BACKYARD OF 4612
E MERCER WAY. ACCESS BY EASEMENT
THROUGH S SIDEYARD. PARK AT STATION
GENERATOR 400FT AWAY. COORDINATE
DOCK USE W/OWNER**





CITY OF MERCER ISLAND

SEWER PS 25: 4266 E MERCER WAY



Legend

- Sewer Pump Station
- Address
- Parcels
- Buildings
- Street Centerline
- March 2020
- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 42 83 Feet

1 inch =
83.333333333333
feet



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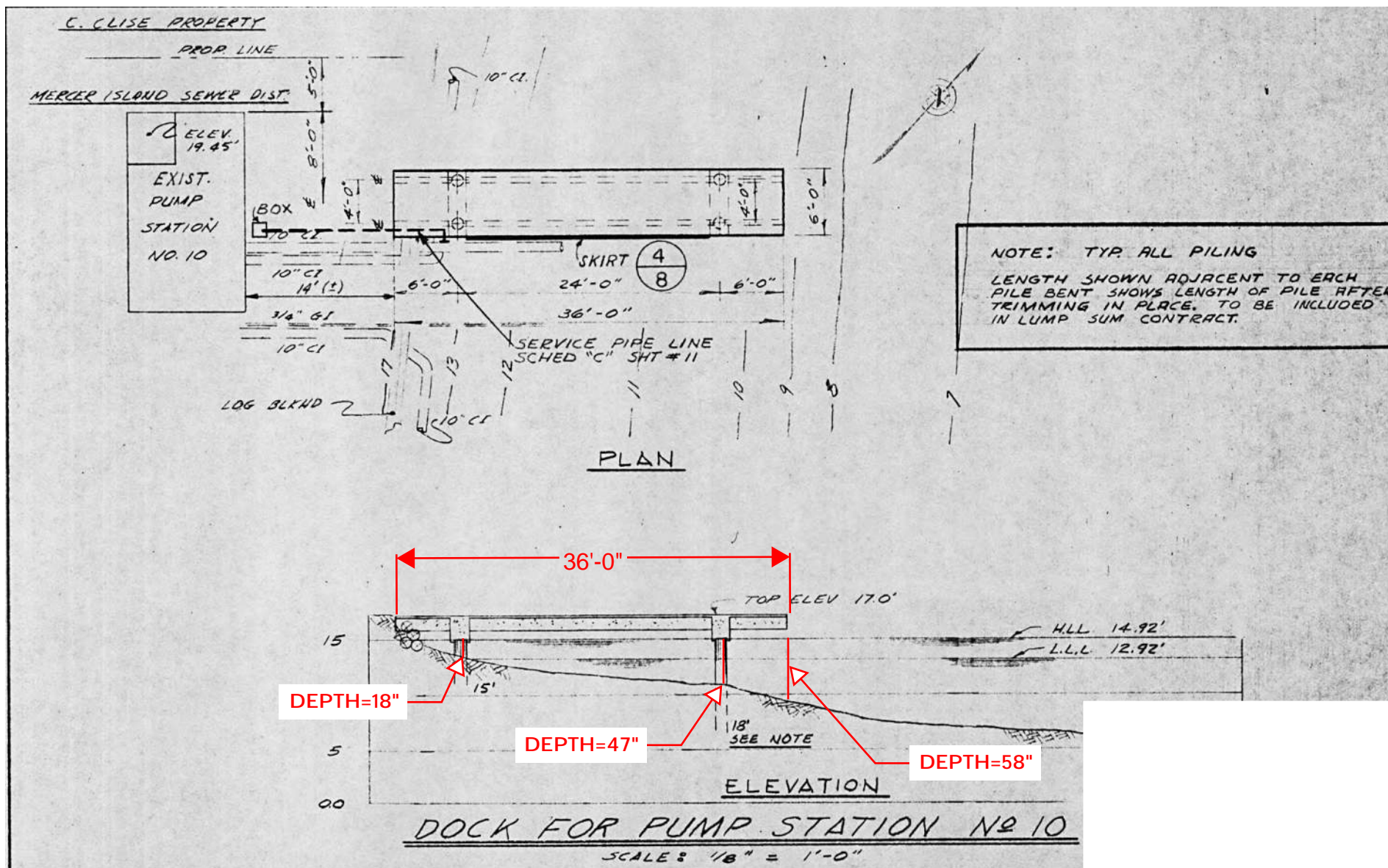
Notes



**NOTES:
VEHICLE ACCESSIBLE
VIA MERCERWOOD
SHORECLUB LOWER
PARKING LOT.
PARKING 150 NORTH
OF STATION. ACCESS
STATION BY CITY
EASEMENT**

STATION

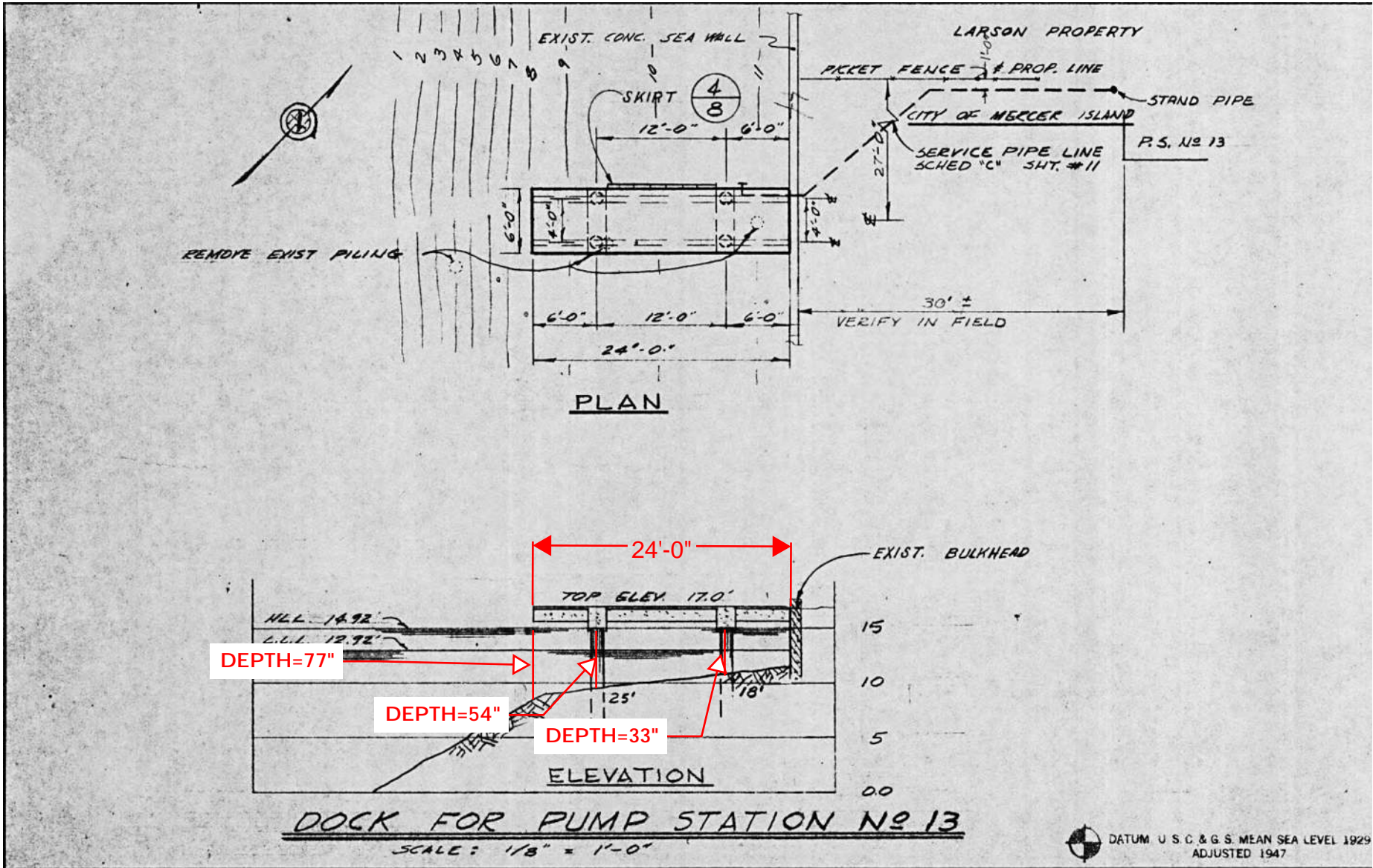




PS 10 DOCK 9036 N MERCER WAY

Note: Measurements taken March 10, 2025.
 Lake Washington Water Surface Elevation = 20.5091'
 source: King County. https://data.kingcounty.gov/Environment-Waste-Management/Lake-Washington-water-surface-elevation/3pai-uhdy/data_preview

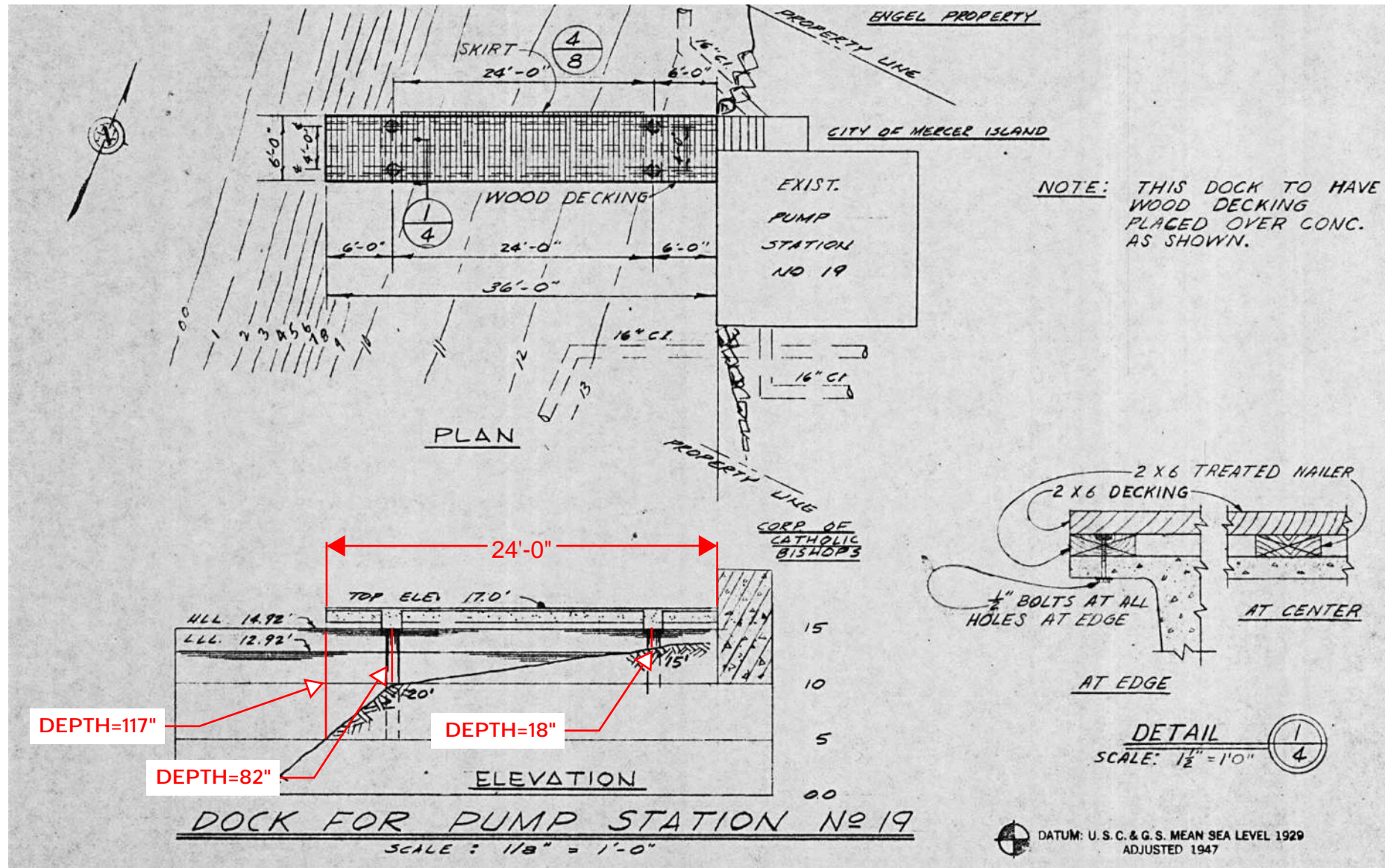




PS 13 DOCK 3897 W MERCER WAY

Note: Measurements taken March 10, 2025.
 Lake Washington Water Surface Elevation = 20.5091'
 source: King County. https://data.kingcounty.gov/Environment-Waste-Management/Lake-Washington-water-surface-elevation/3pai-uhdy/data_preview



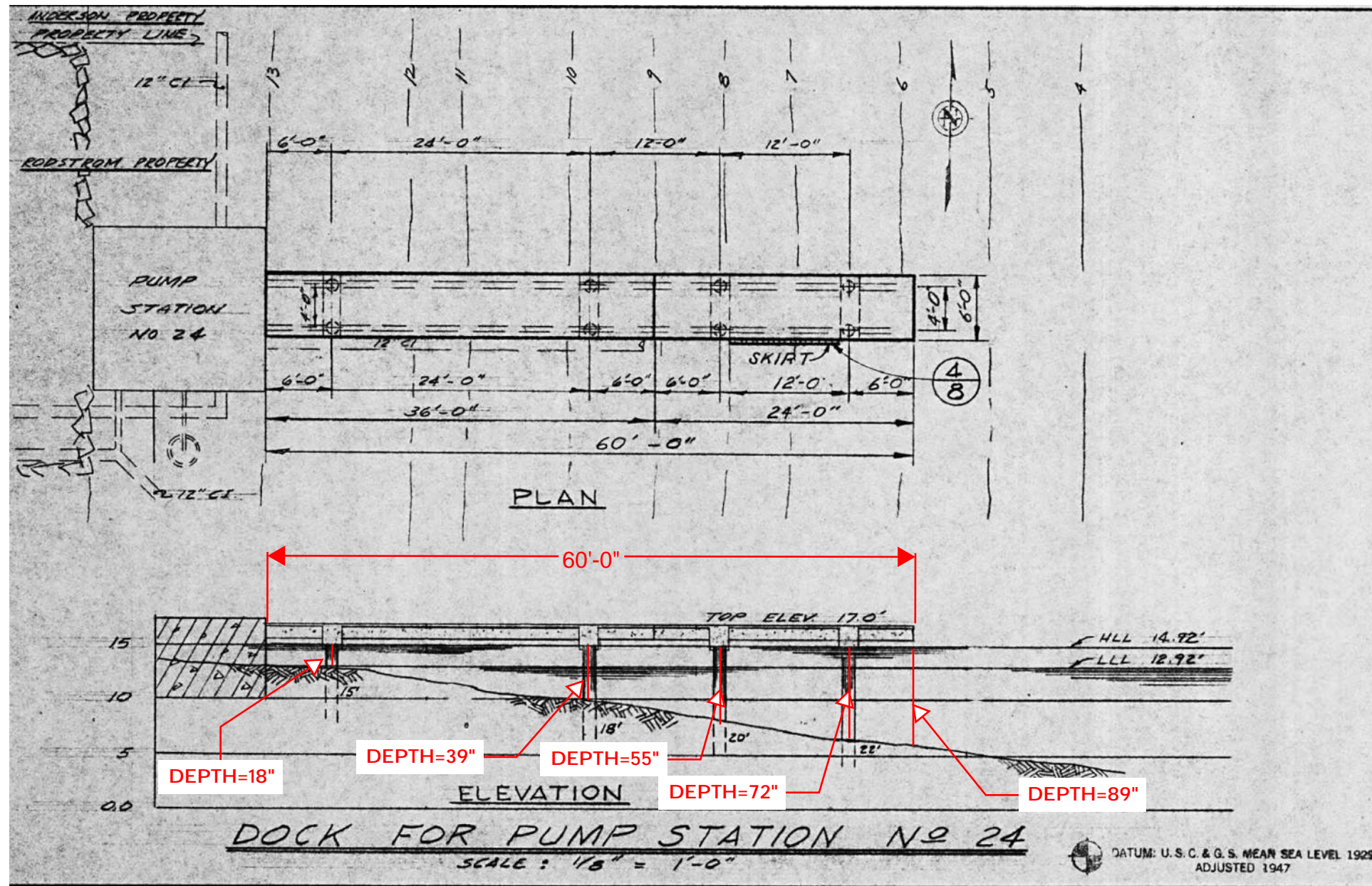


PS 19 DOCK 7697 W MERCER WAY

Note: Measurements taken March 10, 2025.
Lake Washington Water Surface Elevation = 20.5091'
source: King County. https://data.kingcounty.gov/Environment-Waste-Management/Lake-Washington-water-surface-elevation/3pai-uhdy/data_preview



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PS 24 DOCK 4606 E MERCER WAY

Note: Measurements taken March 10, 2025.
 Lake Washington Water Surface Elevation = 20.5091'
 source: King County. https://data.kingcounty.gov/Environment-Waste-Management/Lake-Washington-water-surface-elevation/3pai-uhdy/data_preview



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