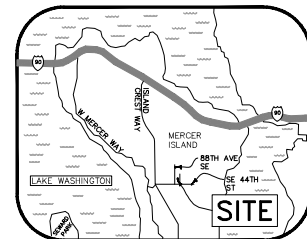


S.E. 1/4 OF THE N.W. 1/4 OF SECTION 18, TOWNSHIP 24 NORTH, RANGE 05 EAST, W.M.



VICINITY MAP  
NO SCALE

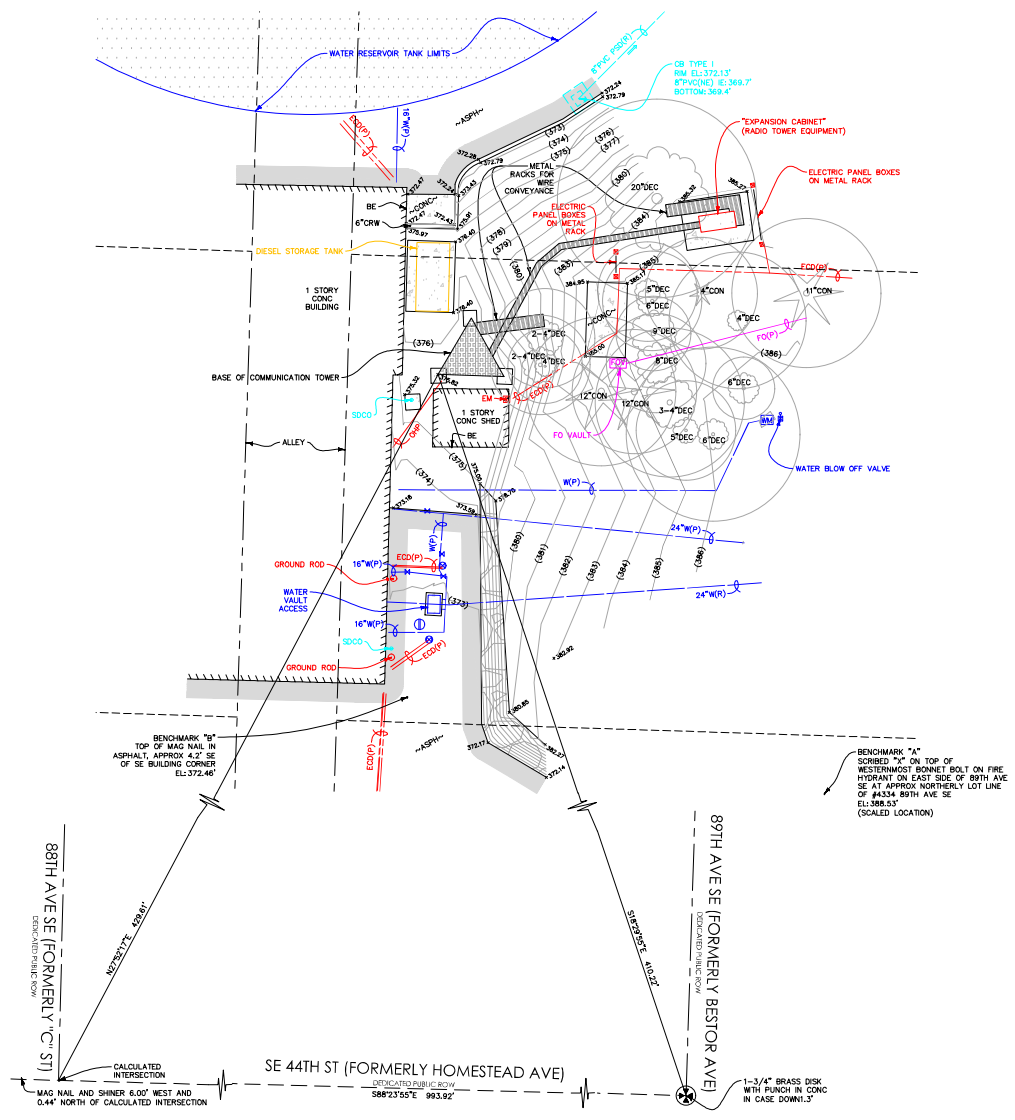
**HORIZONTAL DATUM:** NAD 83/2011 (EPOCH 2010)  
GPS OBSERVATIONS USING WASHINGTON STATE REFERENCE NETWORK FOR CORRECTIONS

**HORIZONTAL BENCHMARKS:**  
OWNER: CITY OF MERCER ISLAND  
ID# N/A  
DESCRIPTION: BRASS PIN IN CONC IN CASE DOWN 1/4"  
LOCATION: MONUMENT IN CASE, APPROX E INTERSECTION SE 42ND ST AND 86TH AVE NE

OWNER: CITY OF MERCER ISLAND  
ID# N/A  
DESCRIPTION: 1/2" BRASS PLUG WITH PUNCH, IN CONC IN CASE DOWN 1/4"  
LOCATION: MONUMENT IN CASE (EASTERLY OF TWO), APPROX E INTERSECTION SE 44TH ST AND 86TH AVE NE

**VERTICAL DATUM:** NAVD 88  
VERTICAL BENCHMARK:  
SOURCE: CITY OF MERCER ISLAND  
ID# 2174  
DESCRIPTION: 1-1/2" BRASS DISK WITH "X" IN CONC IN CASE DOWN 1/4"  
LOCATION: MONUMENT IN CASE (WESTERLY OF TWO), APPROX E INTERSECTION SE 44TH ST AND 86TH AVE NE.  
ELEVATION: 300.3'

**BOUNDARY NOTE:**  
THIS SURVEY DOES NOT PURPORT TO SHOW OR IDENTIFY PROPERTY LINES OR LINES OF OWNERSHIP. RIGHTS-OF-WAY LINES AND LOT LINES SHOWN HEREON ARE FOR REFERENCE ONLY AND ARE GENERATED FROM KING COUNTY ASSESSOR MAPS.



**LEGEND**

- ASPH (ASP)
- CONC (CONC)
- CB (CB)
- CLM (CLM)
- CON (CON)
- CRW (CRW)
- DEC (DEC)
- ECD (ECD)
- EM (EM)
- FO (FO)
- FOV (FOV)
- FSM (FSM)
- IN (IN)
- MANHOLE (MANHOLE)
- OP (OP)
- PE, PVC (PE, PVC)
- PI (PI)
- PSD (PSD)
- R (R)
- ROCKERY (ROCKERY)
- SDCO (SDCO)
- TEMPORARY BENCHMARK (TBM)
- TELEPHONE CONDUIT (BURIED) (TCD)
- W (W)
- WG (WG)
- M (M)
- WM (WM)

**STATEMENT OF TOPOGRAPHIC MAP ELEMENTS (WAC 332-130-145)**

2(b) PURPOSE: FEASIBILITY AND DESIGN.

2(c) CONTOUR SOURCE: CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS

2(f) CONTOUR ACCURACY: COMPLIES WITH UNITED STATES NATIONAL MAP ACCURACY STANDARDS (FOUR OR GREATER OF ALL SURVEY POINTS CHECKED ARE CORRECT WITHIN HALF OF ONE CONTOUR INTERVAL).

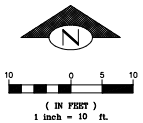
2(g) LIMITATIONS: THIS SURVEY IS TO SUPPORT SPECIFIC EFFORTS WITHIN THE AREA OF MAPPING SHOWN.

2(h) BOUNDARY SOURCE: FIELD SURVEY OF CONTROLLING MONUMENTS, AND KING COUNTY ASSESSOR'S MAPS. THIS SURVEY DOES NOT PURPORT TO SHOW OR IDENTIFY PROPERTY LINES OR LINES OF OWNERSHIP.

3(a) & 3(b) UTILITIES: UNDERGROUND UTILITIES ARE SHOWN BY ONE OR MORE OF THE FOLLOWING METHODS:  
-SURVEY FIELD OBSERVATION OF MARKINGS PRODUCED BY DIRECT UTILITY DETECTION WORK  
-DIRECT OBSERVATIONS OF UNDERGROUND, GRAVITY FLOW PIPES PERFORMED AT VISIBLE CONTROLLING STRUCTURES.  
-SCALING OF AS-BUILTS, DESIGN DRAWINGS OR OTHER RECORDS.

3(c) SCOPE STATEMENT: AGREED UPON SCOPE BETWEEN PROJECT OWNER/AGENT AND SURVEYOR IS TO PROVIDE A SITE PLAN.

PURSUANT TO R.C.W. 19.22.030, ALWAYS CALL 8-1-1 AT LEAST TWO DAYS BEFORE YOU DIG. WASHINGTON811.COM



22°34' 11.71" 2023 U:\CD\2023\2023165 SURVEY\NO.DWG\YS-SUR-03.DWG



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LAND SURVEYORS & CIVIL ENGINEERS

15400 SE 30TH PL, STE 100 (206) 323-4144  
BELLEVUE, Washington 1-800-835-0508  
98007-8546 WWW.BRH-INC.COM

LIMITED SITE PLAN  
MERCER ISLAND-CITY OF MERCER ISLAND RESERVOIR  
CITY OF MERCER ISLAND

CITY OF MERCER ISLAND KING COUNTY WASHINGTON

drawn by	checked by
DRM	OGR
scale	date
1"=10'	11/1/23
job no.	
2023165.03	
sheet	1 of 1

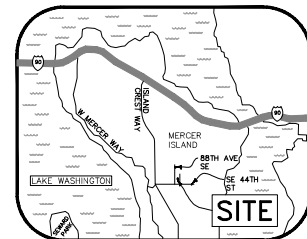
S.E. 1/4 OF THE N.W. 1/4 OF SECTION 18, TOWNSHIP 24 NORTH, RANGE 05 EAST, W.M.

**HORIZONTAL DATUM: NAD 83/2011 (EPOCH 2010)**  
 GPS OBSERVATIONS USING WASHINGTON STATE REFERENCE NETWORK FOR CORRECTIONS  
**HORIZONTAL BENCHMARKS:**  
 OWNER: CITY OF MERCER ISLAND  
 ID# N/A  
 DESCRIPTION: BRASS PIN IN CONC IN CASE DOWN 1/4"  
 LOCATION: MONUMENT IN CASE, APPROX E INTERSECTION SE 42ND ST AND 86TH AVE NE  
 OWNER: CITY OF MERCER ISLAND  
 ID# N/A  
 DESCRIPTION: 1/2" BRASS PLUG WITH PUNCH, IN CONC IN CASE DOWN 1/4"  
 LOCATION: MONUMENT IN CASE (EASTERLY OF TWO), APPROX E INTERSECTION SE 44TH ST AND 86TH AVE NE  
**VERTICAL DATUM: NAVD 83**  
**VERTICAL BENCHMARK:**  
 SOURCE: CITY OF MERCER ISLAND  
 ID# 2174  
 DESCRIPTION: 1-1/2" BRASS DISK WITH "X" IN CONC IN CASE DOWN 1/4"  
 LOCATION: MONUMENT IN CASE (WESTERLY OF TWO), APPROX E INTERSECTION SE 44TH ST AND 86TH AVE NE  
 ELEVATION: 309.7

Location 4 - City of Mercer Island Reservoir Water Meter Data Collector Installation Project Top of Lattice Communication Tower

**BOUNDARY NOTE:**  
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**INFORMATION ONLY**



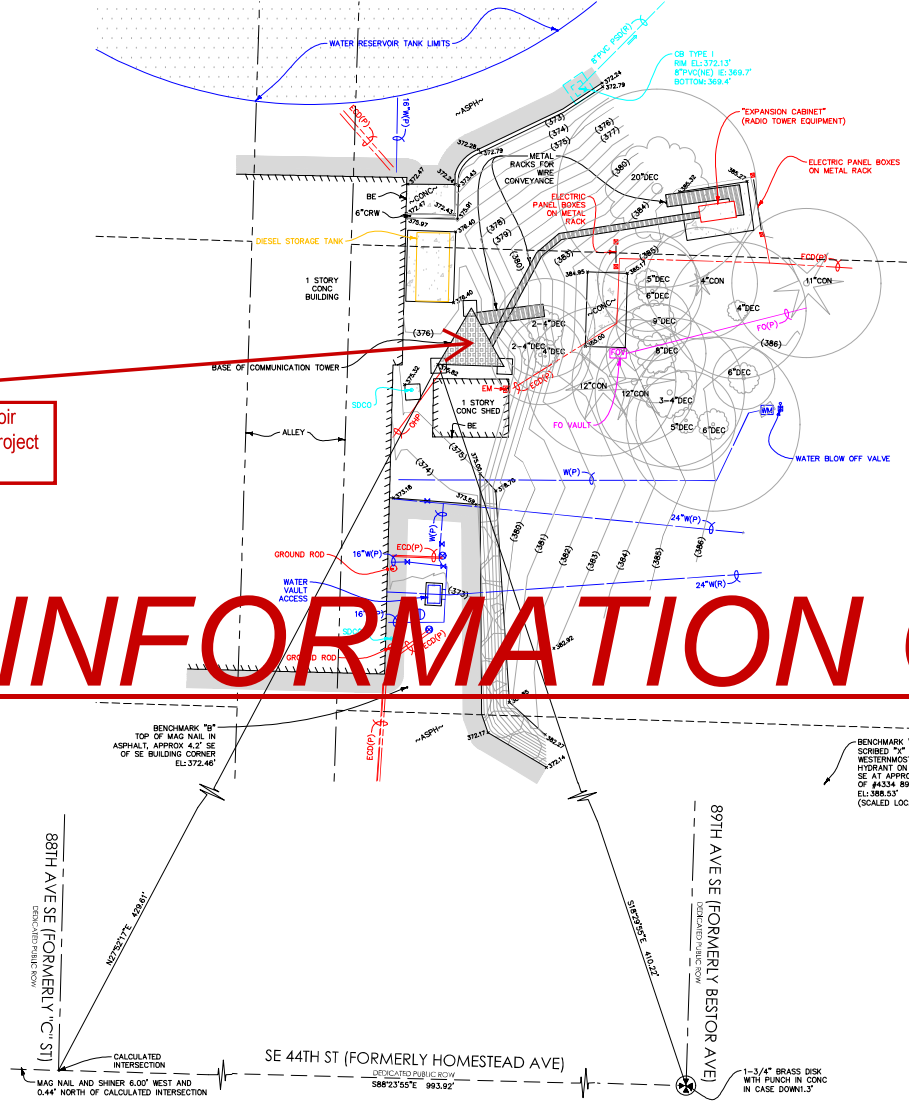
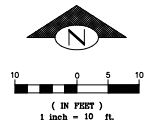
**VICINITY MAP**  
 NO SCALE

**LEGEND**

- ASPH (A) ASPHALT (ASPH)
- BE BUILDING ENTRY
- CC (C) CONCRETE SURFACE (CONC)
- CB (B) CATCH BASIN (CB)
- CL/M (M) CENTERLINE/MONUMENT LINE
- CON (C) CONIFEROUS TREE
- CRW (W) CONCRETE RETAINING WALL
- DEC (D) DECIDUOUS TREE
- ECD (D) ELECTRICAL CONDUIT
- EM (M) ELECTRICAL METER
- FO (O) FIBER OPTICS
- FOV (V) FIBER OPTIC VAULT
- FSM (M) FOUND SURVEY MONUMENT (AS NOTED)
- E (E) INVERT ELEVATION
- M (M) MANHOLE
- OP (P) OVERHEAD POWER
- PA (A) PAINTED UTILITY LOCATION
- PF (F) PIPE FLOW DIRECTION
- PE, PVC (C) POLYETHYLENE PIPE (POLYMER PIPE TYPES)
- PO (O) POST INDICATOR VALVE
- PSD (D) STORM DRAIN RECORD DATA
- R (R) ROCKERY
- SDCO (O) STORM DRAIN CLEANOUT
- TM (M) TEMPORARY BENCHMARK (TBM)
- TCO (O) TELEPHONE CONDUIT (BURIED)
- W (W) WATER MAIN
- WG (G) WATER GATE VALVE/CHAMBER
- WV (V) WATER VALVE
- WM (M) WATER METER

**STATEMENT OF TOPOGRAPHIC MAP ELEMENTS (WAC 332-130-145)**

- 2(b) PURPOSE: FEASIBILITY AND DESIGN.
  - 2(c) CONTOUR SOURCE: CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS.
  - 2(f) CONTOUR ACCURACY: COMPLIES WITH UNITED STATES NATIONAL MAP ACCURACY STANDARDS (FOUR OR GREATER OF ALL SURVEY POINTS CHECKED ARE CORRECT WITHIN HALF OF ONE CONTOUR INTERVAL).
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- PURSUANT TO R.C.W. 19.22.030, ALWAYS CALL 8-1-1 AT LEAST TWO DAYS BEFORE YOU DIG. WASHINGTON811.COM



BENCHMARK "9"  
 TOP OF MAG NAIL IN ASPHALT, APPROX 4.2' SE OF SE BUILDING CORNER  
 EL: 372.46'

BENCHMARK "X"  
 SURGED "X" ON TOP OF WESTERMOST BONNET BOLT ON FIRE HYDRANT ON EAST SIDE OF 89TH AVE SE AT APPROX NORTHERLY LOT LINE OF #4334 89TH AVE SE  
 EL: 388.53'  
 (SCALED LOCATION)

88TH AVE SE (FORMERLY "C" ST)  
 CENTERLINE/ MONUMENT LINE

89TH AVE SE (FORMERLY RESTOR AVE)  
 CENTERLINE/ MONUMENT LINE

CALCULATED INTERSECTION  
 MAG NAIL AND SHINER 6.00' WEST AND 0.44' NORTH OF CALCULATED INTERSECTION  
 98°23'55"E 993.02'

1-3/4" BRASS DISK WITH PUNCH IN CONC IN CASE DOWN 1/4"



Mercer Island Water Meter Data Collector Installation Project  
 Conditional Use Permit Application  
 Location 4 - City of Mercer Island Reservoir (PRE23-040)

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 LAND SURVEYORS & CIVIL ENGINEERS  
 15400 SE 30TH PL., STE 100 (206) 323-4144  
 BELLEVUE, Washington 1-800-835-0508  
 98007-8546 WWW.BRH-INC.COM

LIMITED SITE PLAN  
**MERCER ISLAND-CITY OF MERCER ISLAND RESERVOIR**  
 CITY OF MERCER ISLAND

CITY OF MERCER ISLAND KING COUNTY WASHINGTON

drawn by	checked by
DRM	OGR
scale	date
1"=10'	11/1/23
job no.	
2023165.03	
sheet	1 of 1

23-034-11/1/2023 U:\CD\2023\2023165 SURVEY\NSO\DWG\YS-SUR-03.DWG