

# TOPOGRAPHIC SURVEY

LOCATED IN THE NORTHWEST ONE-QUARTER OF SECTION 24,  
TOWNSHIP 2 SOUTH, RANGE 1 WEST, WILLAMETTE MERIDIAN,  
CITY OF TUALATIN, WASHINGTON COUNTY, OREGON

FIELD SURVEYED: FEBRUARY 2023

**NOTES:**

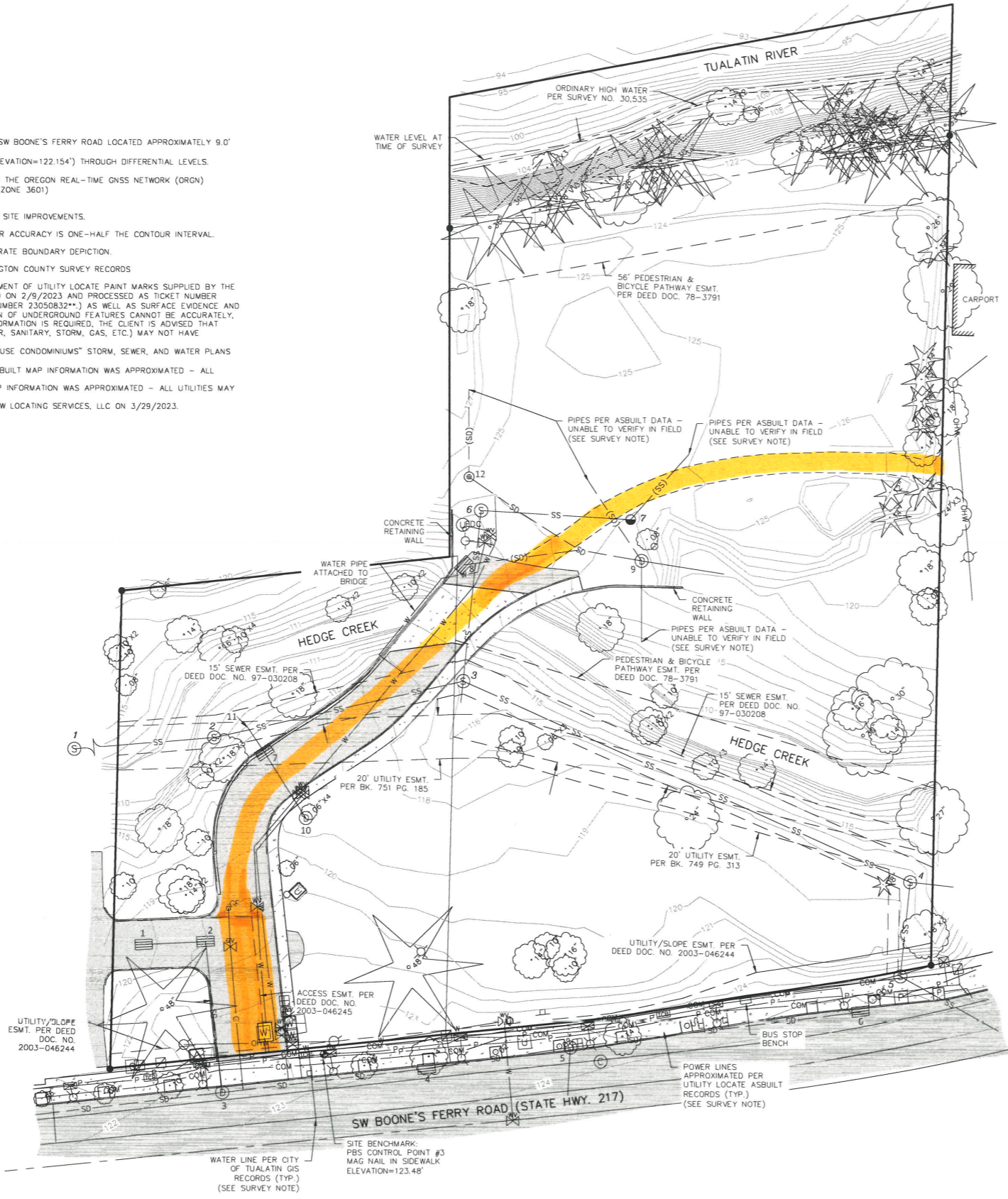
- THE VERTICAL DATUM FOR THIS SURVEY IS NGVD29 (WASHINGTON COUNTY).  
SITE BENCHMARK: PBS CONTROL POINT #3  
ELEVATION=123.48'  
N: 634469.00'  
E: 7621432.86'  
THE VERTICAL BENCHMARK IS A MAG NAIL IN SIDEWALK ON THE NORTH SIDE OF SW BOONE'S FERRY ROAD LOCATED APPROXIMATELY 9.0' NORTHWEST OF A LIGHT POLE AND 3.0' WEST OF A POWER JUNCTION BOX.  
\*ELEVATION WAS TRANSFERRED FROM WASHINGTON COUNTY BENCHMARK #922 (ELEVATION=122.154') THROUGH DIFFERENTIAL LEVELS.
- THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON OBSERVATIONS USING THE OREGON REAL-TIME GNSS NETWORK (ORGN)  
HORIZONTAL DATUM: NAD 83, 2011, STATE PLANE COORDINATES (OREGON NORTH ZONE 3601)  
DISTANCES SHOWN HEREON ARE GROUND DISTANCES.
- THIS TOPOGRAPHIC SURVEY WAS PERFORMED FOR THE PURPOSE OF DESIGNING SITE IMPROVEMENTS.
- CONTOURS DERIVED BY DIRECT FIELD OBSERVATIONS. ELEVATION AND CONTOUR ACCURACY IS ONE-HALF THE CONTOUR INTERVAL.
- THIS MAP HAS BEEN PRODUCED FOR DESIGN PURPOSES AND SHOWS AN ACCURATE BOUNDARY DEPICTION.
- BOUNDARIES SHOWN HAVE BEEN DETERMINED PER SURVEY NO. 30535, WASHINGTON COUNTY SURVEY RECORDS
- THE UNDERGROUND UTILITIES SHOWN HEREON WERE BASED ON FIELD MEASUREMENT OF UTILITY LOCATE PAINT MARKS SUPPLIED BY THE OREGON UTILITY NOTIFICATION CENTER (PRE-SURVEY TICKET REQUESTS SUBMITTED ON 2/9/2023 AND PROCESSED AS TICKET NUMBER 23035337\* AND SUBMITTED AGAIN ON 2/28/2023 AND PROCESSED AS TICKET NUMBER 23050832\*\*.) AS WELL AS SURFACE EVIDENCE AND PRIVATE ASBUILT RECORDS. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY. ADDITIONALLY, CERTAIN UTILITIES ONSITE (WATER, SANITARY, STORM, GAS, ETC.) MAY NOT HAVE CONDUCTIBLE OR TRACEABLE LINES AND MAY BE PRESENT.  
ADDITIONAL UTILITY LINES PER CITY OF TUALATIN ARCADIS CAD FILE AND "RIVERHOUSE CONDOMINIUMS" STORM, SEWER, AND WATER PLANS (PROJECT NUMBER 205159 DATED 6-21-08).  
\*UTILITY LOCATE TICKET WAS NOT COMPLETED DUE TO INCLEMENT WEATHER - ASBUILT MAP INFORMATION WAS APPROXIMATED - ALL UTILITIES MAY NOT BE SHOWN.  
\*\*UTILITY LOCATE TICKET WAS NOT COMPLETED FULLY COMPLETED - ASBUILT MAP INFORMATION WAS APPROXIMATED - ALL UTILITIES MAY NOT BE SHOWN.  
\*\*\*PRIVATE ON-SITE CONDUCTIBLE UTILITY LOCATES WERE PERFORMED BY MT. VIEW LOCATING SERVICES, LLC ON 3/29/2023.

**STORM SEWER DATA:**

- STORM SEWER CATCH BASIN  
RIM=118.73'  
IE 12" +/- STL (E)=116.63'  
SUMP=115.20'
- STORM SEWER CATCH BASIN  
RIM=119.95'  
IE 12" +/- STL (W)=116.36'  
IE 10" +/- CONC (S)=116.39'  
SUMP=115.05'
- STORM SEWER MANHOLE  
RIM=122.44'  
IE 10" +/- CONC (N)=115.91'  
IE 10" +/- CONC (E)=115.64'  
IE 10" +/- CONC (W)=115.63'
- STORM SEWER CATCH BASIN  
RIM=122.82'  
IE 10" +/- CONC (E)=116.51'  
IE 10" +/- CONC (W)=116.40'
- STORM SEWER MANHOLE  
RIM=123.79'  
IE 10" +/- CONC (S)=118.19'  
IE 10" +/- CONC (E)=117.37'  
IE 10" +/- CONC (W)=117.35'
- STORM SEWER CATCH BASIN  
RIM=123.21'  
IE 10" +/- CONC (W)=118.56'  
SUMP=117.96'
- STORM SEWER CATCH BASIN\* (TRAP INLET)  
RIM=116.22'  
SUMP=112.99'
- STORM SEWER CATCH BASIN\*  
RIM=122.40'  
\*FULL OF DEBRIS
- STORM SEWER MANHOLE (DRYWELL)  
RIM=126.20'  
IE 6" +/- PVC (W)=116.50'\*  
IE 6" +/- PVC (E)=116.20'\*  
IE 8" +/- PVC (NW)=115.82'\*  
SUMP=113.90'  
\*CONNECTION POINT APPROXIMATED PER ASBUILT DATA
- STORM SEWER MANHOLE  
RIM=110.20'  
IE 10" +/- PVC (NW)=114.97'  
SUMP=114.23'
- STORM SEWER OUTFALL  
IE 10" +/- PVC (SE)=112.53'
- STORM SEWER CLEANOUT  
RIM=125.88'

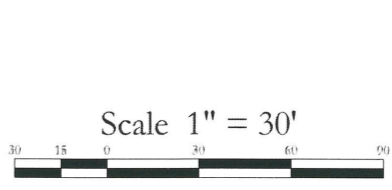
**SANITARY SEWER DATA:**

- SANITARY SEWER MANHOLE  
RIM=118.01'  
IE 12" +/- PVC (E)=105.42'  
IE 12" +/- PVC (W)=105.28'  
CENTERLINE CHANNEL=105.36'
- SANITARY SEWER MANHOLE  
RIM=111.82'  
IE 12" +/- PVC (E)=105.74'  
IE 12" +/- PVC (W)=105.61'
- SANITARY SEWER MANHOLE  
RIM=116.27'  
IE 8" +/- PVC (S)=107.01'\*  
IE 12" +/- PVC (E)=106.25'  
IE 6" +/- PVC (N)=106.19'  
IE 12" +/- PVC (W)=106.10'  
CENTERLINE CHANNEL=106.18'  
\*UNKNOWN CONNECTION POINT
- SANITARY SEWER MANHOLE  
RIM=124.15'  
IE 12" +/- PVC (SE)=114.21'  
IE 12" +/- PVC (N)=114.08'  
CENTERLINE CHANNEL=114.14'
- SANITARY SEWER MANHOLE  
RIM=123.31'  
IE 8" +/- PVC (E)=107.59'  
IE 8" +/- PVC (S)=UNABLE TO ACCESS\*  
SUMP=107.30'  
\*CONNECTION POINT APPROXIMATED PER ASBUILT DATA
- SANITARY SEWER 6" PVC STANDPIPE (POSSIBLE CLEANOUT)  
TOP OF PIPE=125.00 +/- \*  
\*CONNECTION POINTS APPROXIMATED PER ASBUILT DATA



**LEGEND:**

- BM - DENOTES SITE BENCHMARK
- - DENOTES FOUND SURVEY MONUMENT
- ▭ - DENOTES ASPHALT SURFACE
- ▭ - DENOTES CONCRETE SURFACE
- ▭ - DENOTES GRAVEL SURFACE
- ▭ - DENOTES EXISTING BUILDING AS NOTED
- - DENOTES 5' CONTOUR INTERVAL
- - DENOTES 1' CONTOUR INTERVAL
- - DENOTES ROAD CENTERLINE
- - DENOTES RIGHT OF WAY LINE
- - DENOTES PROPERTY/LOT LINE
- - DENOTES EASEMENT LINE
- - DENOTES FENCE LINE AS NOTED
- - DENOTES OVERHEAD WIRE
- - DENOTES COMMUNICATIONS LINE PER UTILITY LOCATE PAINT/VISUAL FIELD OBSERVATION
- - DENOTES GAS LINE PER UTILITY LOCATE PAINT/VISUAL FIELD OBSERVATION
- - DENOTES POWER/SIGNAL LINE PER UTILITY LOCATE PAINT/VISUAL FIELD OBSERVATION
- - DENOTES STORM DRAINAGE LINE PER UTILITY LOCATE PAINT/VISUAL FIELD OBSERVATION
- (SD) - DENOTES STORM DRAINAGE LINE PER ASBUILT DATA
- (SS) - DENOTES SANITARY SEWER LINE PER UTILITY LOCATE PAINT/VISUAL FIELD OBSERVATION
- (SS) - DENOTES SANITARY SEWER LINE PER ASBUILT DATA
- (W) - DENOTES WATER LINE PER UTILITY LOCATE PAINT/VISUAL FIELD OBSERVATION
- (W) - DENOTES WATER LINE PER ASBUILT DATA
- ▭ - DENOTES STORM DRAINAGE CATCH BASIN
- - DENOTES STORM DRAINAGE MANHOLE
- - DENOTES STORM DRAINAGE CLEANOUT
- - DENOTES SANITARY SEWER MANHOLE
- - DENOTES SANITARY SEWER CLEANOUT
- - DENOTES WATER METER
- - DENOTES WATER VALVE
- - DENOTES FIRE DEPT CONNECTION
- - DENOTES FIRE HYDRANT
- - DENOTES WATER VAULT
- - DENOTES GAS VALVE
- - DENOTES GAS RISER/GAS FINK
- - DENOTES POWER/ELECTRICAL VAULT
- - DENOTES POWER/ELECTRICAL TRANSFORMER
- - DENOTES POWER JUNCTION BOX W/ 8" GROUND CASE
- - DENOTES POWER RISER
- - DENOTES POWER POLE
- - DENOTES GUY WRT/ANCHOR
- - DENOTES STREET LIGHT/LIGHT POLE
- - DENOTES TRAFFIC/SIGNAL JUNCTION BOX
- - DENOTES COMMUNICATIONS RISER
- - DENOTES COMMUNICATIONS MANHOLE
- - DENOTES COMMUNICATIONS VAULT
- - DENOTES UNKNOWN UTILITY MANHOLE
- - DENOTES UNKNOWN UTILITY VAULT
- - DENOTES UNKNOWN UTILITY STANDPIPE
- - DENOTES UNKNOWN UTILITY CLEANOUT
- - DENOTES SIGN
- ★ - DENOTES CONIFEROUS TREE
- - DENOTES DECIDUOUS TREE



PBS Engineering and Environmental Inc.  
Professional Engineer  
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# PBS

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REGISTERED PROFESSIONAL LAND SURVEYOR  
Digitally signed by Terry L Goodman  
Date: 2023.04.06 08:21:13 -0700  
OREGON JULY 16, 1982  
TERRY GOODMAN 1989  
RENEWAL DATE: 6-30-23

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TOPOGRAPHIC SURVEY  
CITY OF TUALATIN  
PARKS & RECREATION  
18645 SW BOONES FERRY ROAD  
TUALATIN, OR 97062

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REV.	DESCRIPTION:	DATE

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DATE	4/6/2023
DRAWN	MDL
SURVEYED	TRG/JCB
CHECKED	TLG
JOB NO.:	74207-009
DRAWING NAME:	74207-009-TOPO
SHEET NO.:	1/1

