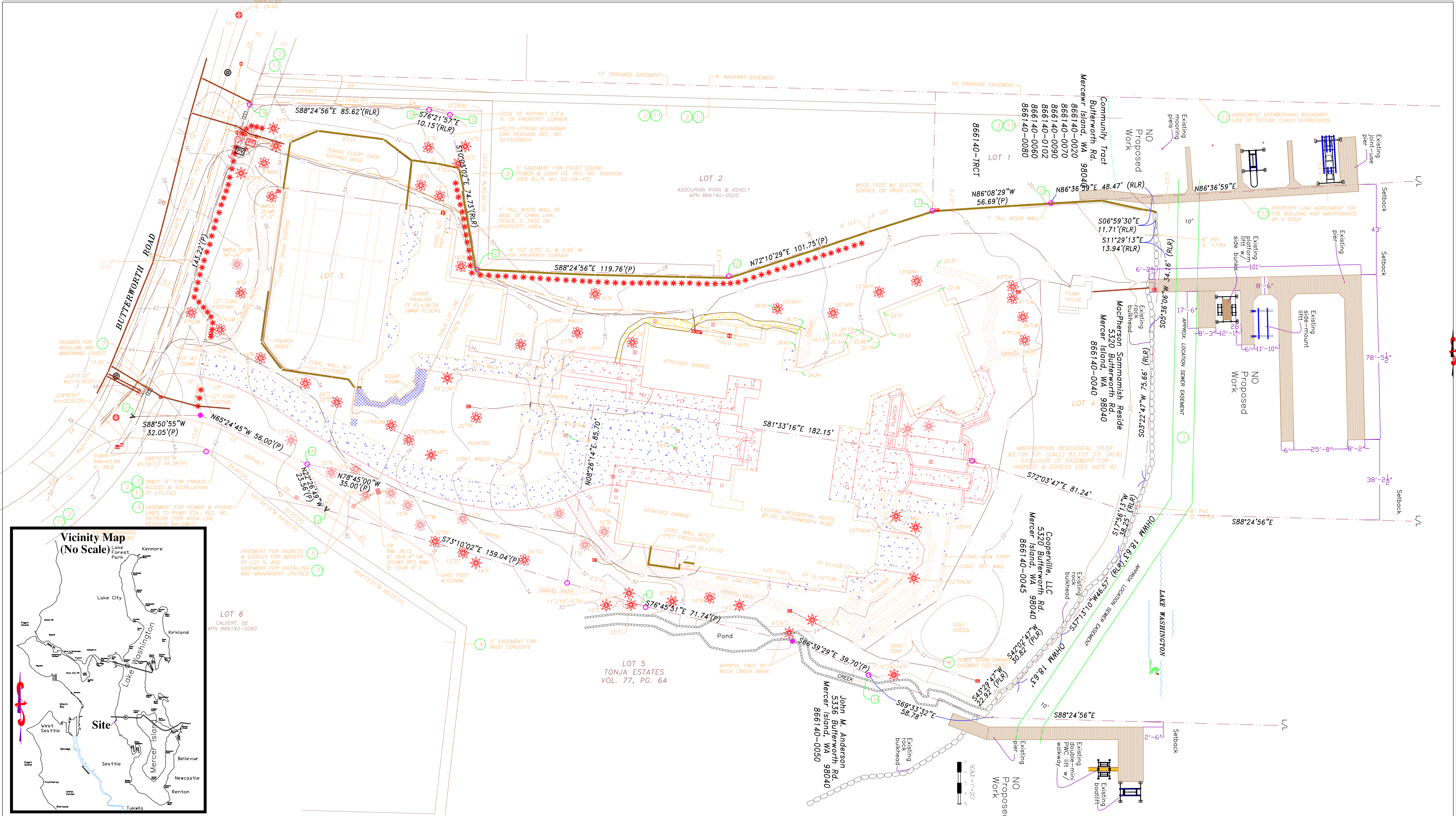


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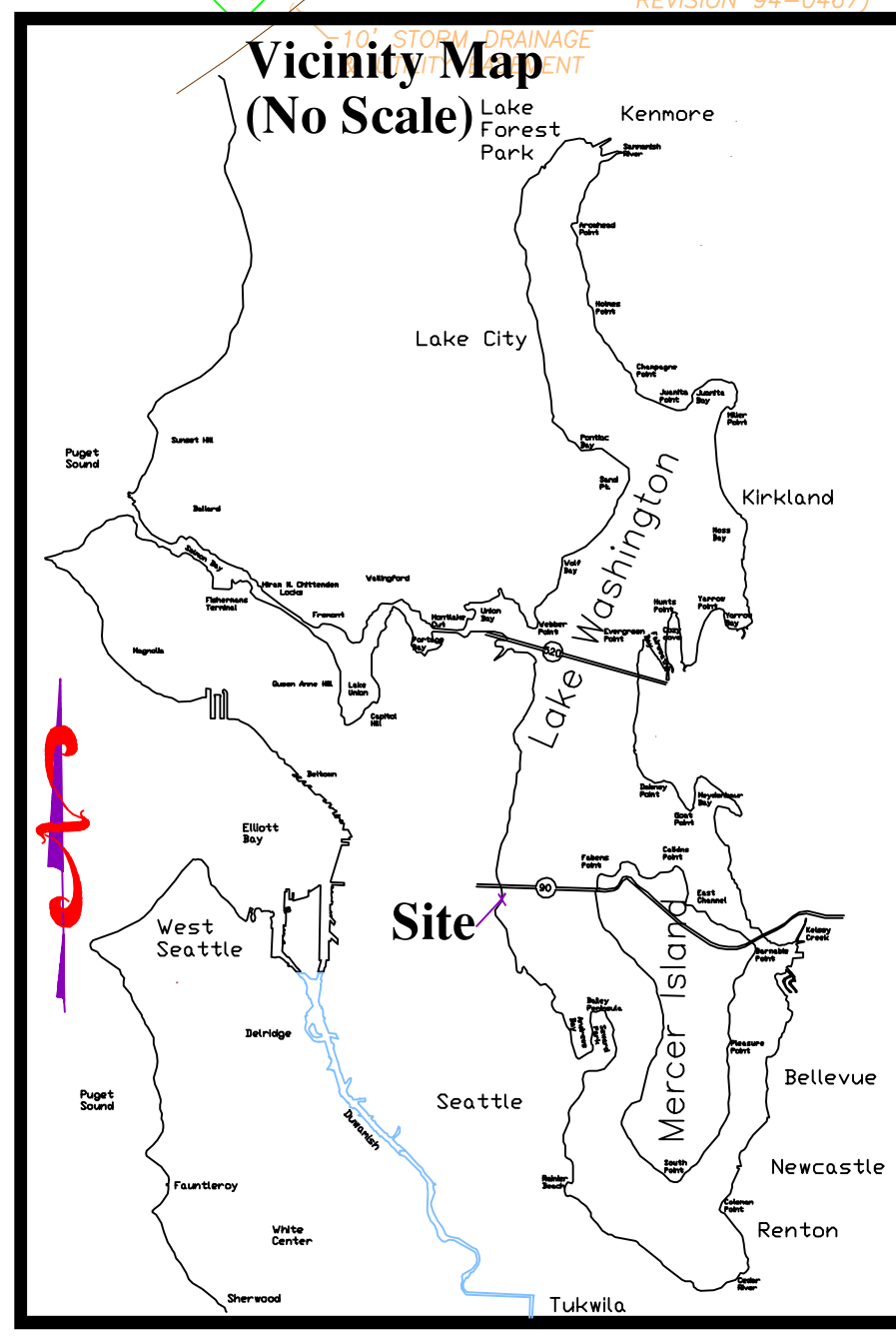
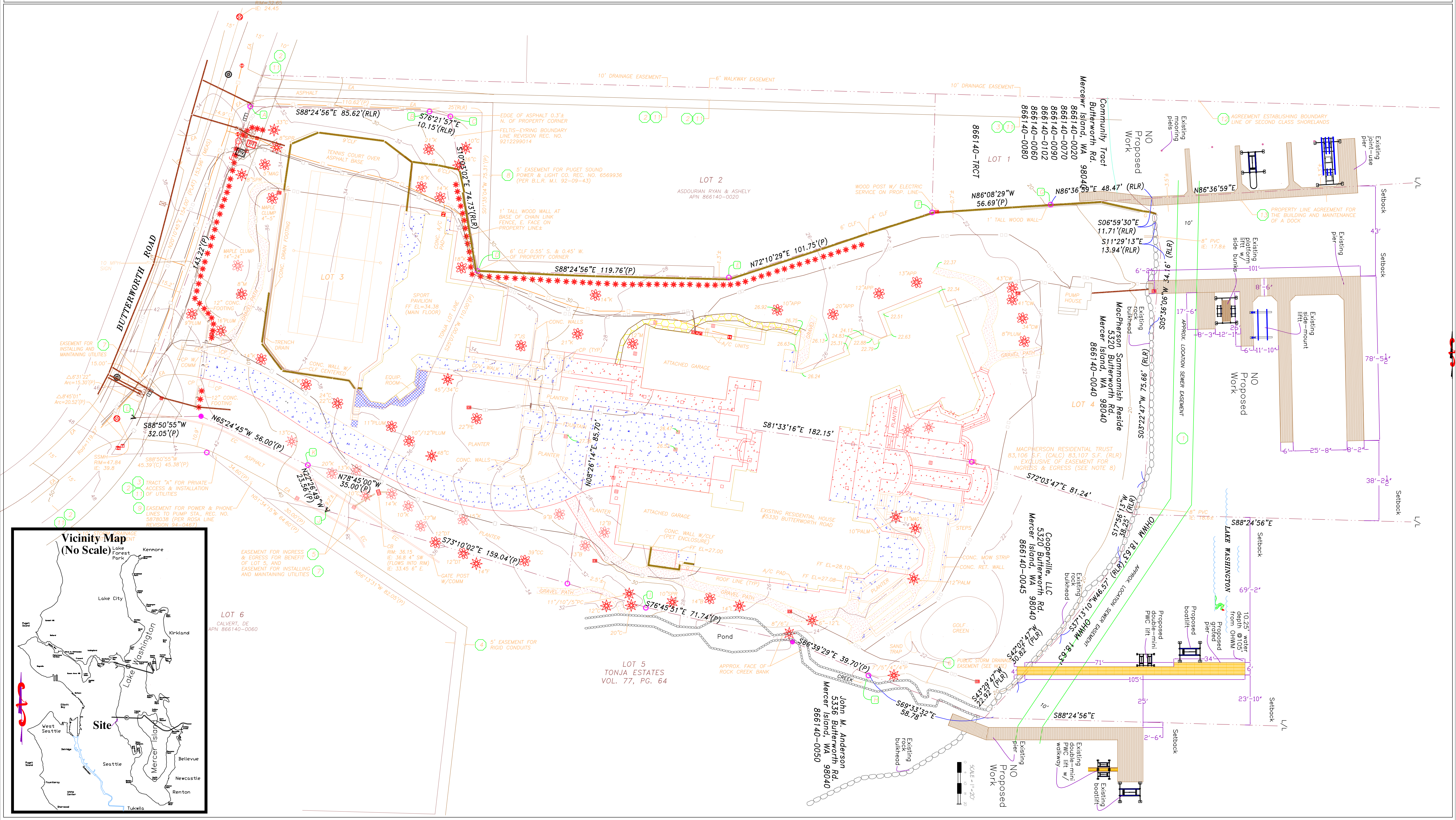


<p>SHORELINE PROJECT FOR : Cooperville, LLC 5330 Butterworth Rd. Mercer Island, WA 98040</p> <p>PAGE: 1 of 3</p>	<p>LOCATION: Lake Washington LAT: 47° 33' 20" North LONG: -122° 12' 34" West LENGTH FROM OHWM: 105'</p>	<p>DATUM: COE 1913 SQ. FT. : 480</p>	<p>PROJECT DESCRIPTION: Install 12 - 8" diameter epoxy coated steel piles. Build a 480 SF fixed pile pier with Titan grated decking (47% open space). Install an aluminum freestanding boatlift and an aluminum freestanding double mini PWC lift.</p> <p>DATE: 5/28/2025</p>
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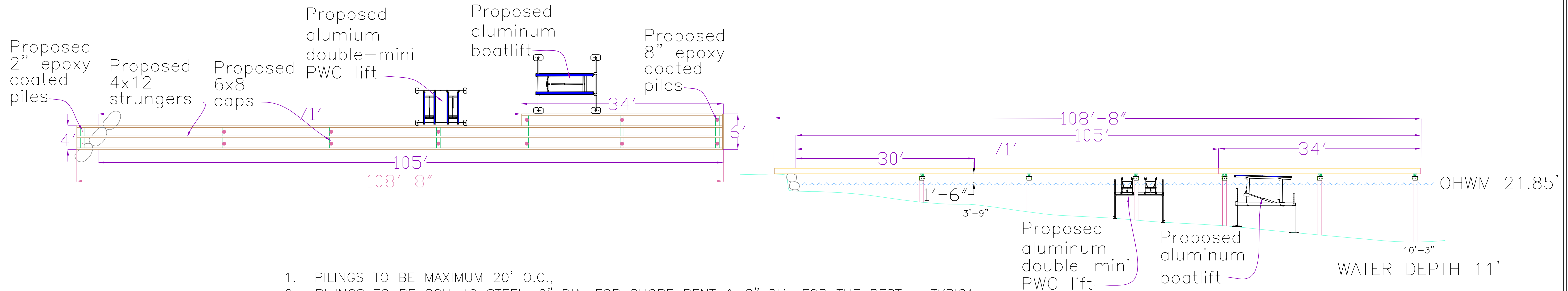


<p>SHORELINE PROJECT FOR : Cooperville, LLC 5330 Butterworth Rd. Mercer Island, WA 98040</p> <p>PAGE: 2 of 3</p>	<p>LOCATION: Lake Washington LAT: 47° 33' 20" North LONG: -122° 12' 34" West LENGTH FROM OHWM: 105'</p>	<p>DATUM: COE 1913 SQ. FT. : 480</p>	<p>PROJECT DESCRIPTION: Install 12 - 8" diameter epoxy coated steel piles. Build a 480 SF fixed pile pier with Titan grated decking (47% open space). Install an aluminum freestanding boatlift and an aluminum freestanding double mini PWC lift.</p> <p>DATE: 5/28/2025</p>
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1. PILINGS TO BE MAXIMUM 20' O.C.,
2. PILINGS TO BE SCH 40 STEEL, 2" DIA. FOR SHORE BENT & 8" DIA. FOR THE REST - TYPICAL
3. CAPS ATTACHED TO PILINGS WITH EPOXY COATED STEEL CYLINDER CAP PLATE & 3/4" GALV. BOLTS
4. STRINGERS TO BE MAXIMUM 2' O.C.
5. STRINGERS TO BE ATTACHED TO CAPS WITH 3/4" GALV. ECONOMY HEAD BOLTS
6. DECKING ATTACHED TO STRINGERS WITH SS SCREWS

NOTES:

- ALL PILINGS TO BE SCH 40 STANDARD WALL STEEL CASING
- ALL PILINGS EPOXY COATED STEEL
- ALL PILINGS DRIVEN TO REFUSAL
- CAP MATERIAL TO BE DOUGLAS FIR # 2 OR BETTER -- ACZA TREATED TO .60 OR REFUSAL
- STRINGER MATERIAL TO BE DOUGLAS FIR # 2 OR BETTER -- ACZA TREATED TO .40 OR REFUSAL
- STRINGER MATERIAL TO BE DOUGLAS FIR # 1 FOR RAMP -- ACZA TREATED TO .40 OR REFUSAL
- DECKING TO BE TITAN GRATING

BOLT ON PILE CYLINDER CAP PLATE
 (9" SCH 40 PIPE USED FOR CYLINDER)

8" x 8" x 1/2" Epoxy coated steel plate with a 3/4" Galvanized bolt through center of 8" x 8" plate attached to a galvanized steel cylinder to be bolted over top of pile with 5/8" SS set screws

