

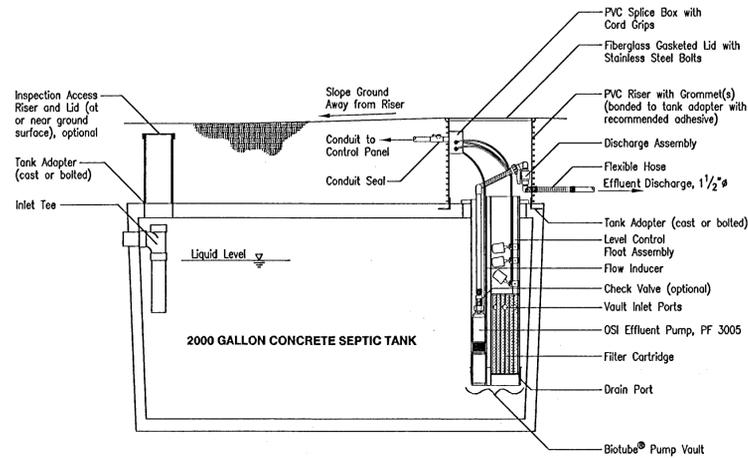
GENERAL NOTES

- ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE CITY OF WEST LINN, CLACKAMAS COUNTY SPECIFICATIONS, THE 2002 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, WITH THE LATEST ODOT STANDARD DRAWINGS, THE STATE OF OREGON PLUMBING CODE, THE OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY, THE OREGON DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS (1992) & STANDARD SPECIFICATIONS (1991) AND AS APPROVED AND NOTED ON THESE DRAWINGS.
- CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS AND LICENSES BEFORE STARTING CONSTRUCTION. CONTRACTOR SHALL CONTACT CITY OF WEST LINN AND CLACKAMAS COUNTY 24 HOURS PRIOR TO BEGINNING ANY WORK TO BE ACCEPTED BY THE CITY AND/OR COUNTY.
- CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION AND SHALL ARRANGE FOR THE RELOCATION OF ANY IN CONFLICT WITH THE PROPOSED CONSTRUCTION.
- EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY AND MUST BE VERIFIED BY THE CONTRACTOR, ADDITIONAL UNDERGROUND UTILITIES MAY EXIST.
- ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND THE ACTUAL SITE CONDITIONS SHALL BE REPORTED TO THE ENGINEER AS SOON AS THEY BECOME APPARENT. THESE CHANGES SHALL BE INCORPORATED INTO AS-BUILT DRAWINGS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF ALL DAMAGE OR DESTRUCTION OF PROPERTY MONUMENTATION OR CONSTRUCTION STAKES.
- THE ENGINEER HAS NOT BEEN RETAINED OR COMPENSATED TO PROVIDE DESIGN AND CONSTRUCTION REVIEW SERVICES RELATING TO THE CONTRACTOR'S SAFETY PRECAUTIONS OR TO MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED FOR CONTRACTOR TO PERFORM HIS WORK.
- TRAFFIC CONTROL SHALL CONFORM TO THE REQUIREMENTS OF ODOT AND CLACKAMAS COUNTY.
- STRUCTURAL CALCULATIONS FOR PIPE SUPPORTS PROVIDED UNDER SEPARATE COVER BY BENCHMARK ENGINEERING (503-659-9371).
- WEST LINN CITY COUNCIL AGENDA BILL 07-09-05.

SANITARY SEWER GRAVITY NOTES

- NO PUBLIC SANITARY SEWER EXTENSION IS REQUIRED. THE CITY OF WEST LINN IS THE RECEIVER OF THIS EXISTING PRIVATE SEWER CONNECTION.
- PLUMBING PERMIT IS REQUIRED FOR PRIVATE SEWER LATERAL TO SERVE EXISTING HOUSE.
- RESIDENTIAL "STEP" SYSTEM FOR PUMPING SANITARY EFFLUENT FROM 24211 SW PETE'S MOUNTAIN ROAD TO A PUBLIC GRAVITY SEWER. EQUIPMENT INCLUDING SCREENED PUMP VAULT, DISCHARGE ASSEMBLY WITH 1 1/2" DISCHARGE, FLOAT ASSEMBLY, HIGH HEAD EFFLUENT PUMP AND CONTROLS & ALARMS BY ORENCO SYSTEMS (541-459-4449).
- EXISTING SEPTIC TANK SHALL BE PUMPED AND FILLED WITH SAND OR REMOVED PER THE REQUIREMENTS OF THE DEQ UPON COMPLETION OF THE NEW SYSTEM.
- PUBLIC WORKS PERMIT WILL BE REQUIRED PRIOR TO CONSTRUCTION.

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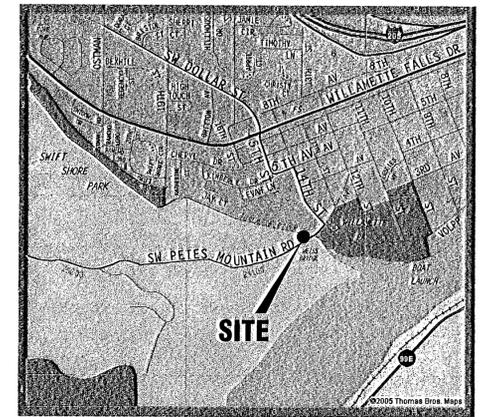


EFFLUENT PUMPING SYSTEM

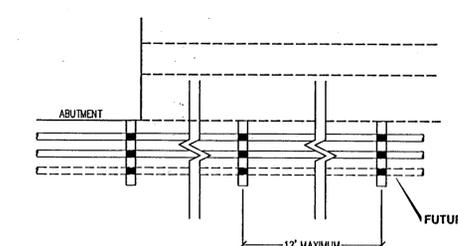
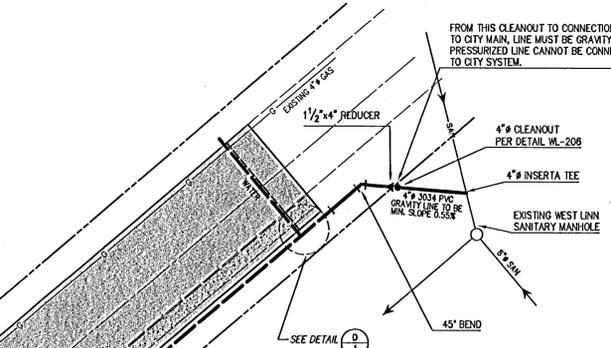
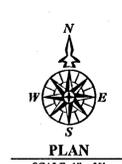
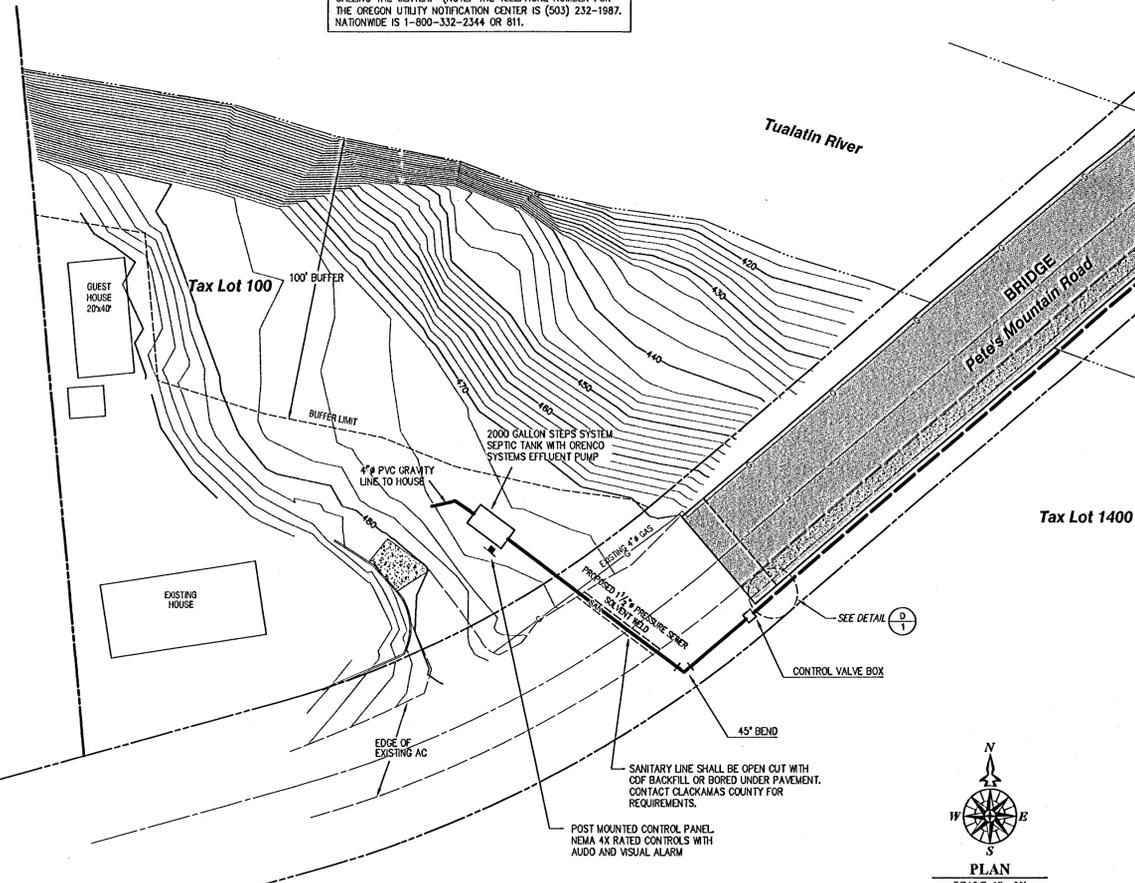
SCALE: NTS
TD-1

GENERAL SEPTIC TANK NOTES

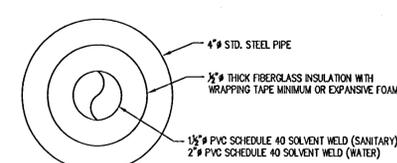
- TOTAL TANK VOLUME 2,380 GAL.
OPERATING VOLUME 2,017 GAL.
- CONCRETE: WALLS & BOTTOM SLAB MONOLITHICALLY POURED WITH REINFORCEMENT 60 GRADE CONCRETE MINIMUM 4000 PSI
- INSTALLATION: SET LEVEL ON MINIMUM 6-INCHES OF 3/4"-0" CRUSHED ROCK. MINIMUM 32-INCH COVER.
- TEST: TANKS SHALL BE TESTED AND CERTIFIED WATERTIGHT PER OREGON ON-SITE RULES 340-71 & 73.



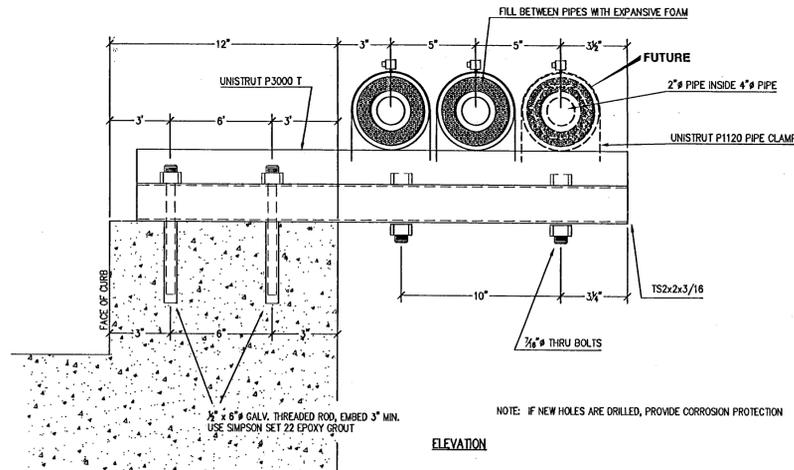
VICINITY MAP
SCALE: NTS



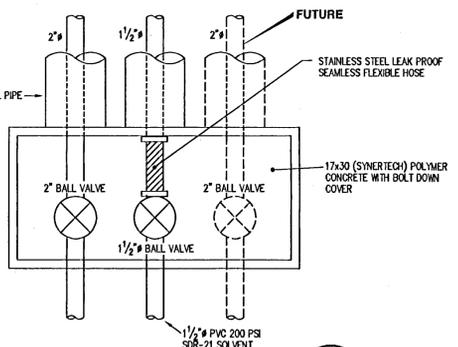
PLAN DETAIL
SCALE: NTS



LIQUID LINE & CARRIER PIPE
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PIPE SUPPORTS
SCALE: NTS



VALVE BOX
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- GENERAL NOTES:**
- IF THE GUARD RAIL HAS TO BE REMOVED TO PLACE THE HANGER, IT MUST BE REATTACHED EACH DAY PRIOR TO LEAVING THE SITE.
 - SIDEWALK TO BE CLOSED DURING CONSTRUCTION AND SIGNED TO PROTECT AND WARN PEDESTRIANS.
 - CONTRACTOR SHALL NOTIFY THE COUNTY AT COMPLETION FOR GUARD RAIL INSPECTION.
 - USE SIMPSON SET 22 EPOXY GROUT. DO NOT APPLY LOADS FOR 72 HOURS AFTER PLACING EPOXY. MINIMUM TEMPERATURE OF 40° F.



AS-BUILT
DATE: July, 2008

07/21/2008	7	AS-BUILT
04/10/2008	6	UPDATE SECTION
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12/17/2007	1	REVISED PER CLIENT
DATE	NO.	REVISION

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Bob Ugenti
24211 SW Pete's Mt. Road
West Linn, Oregon 97068

Utility Plan
TL 100 Map 3S1E2C
Clackamas, Oregon

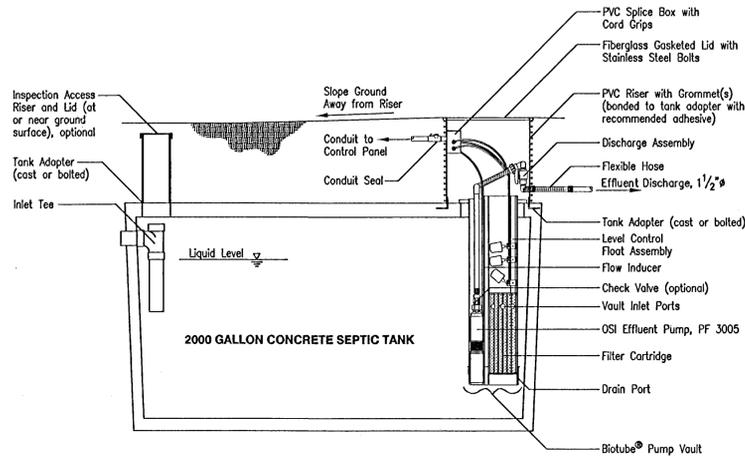
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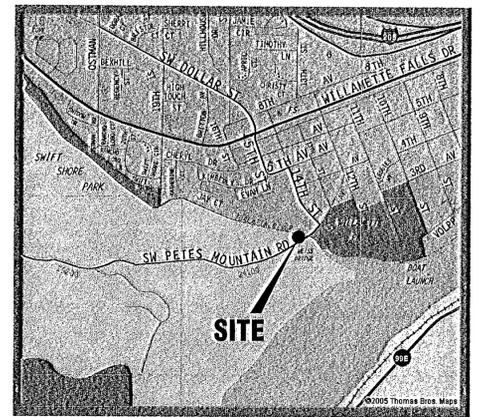
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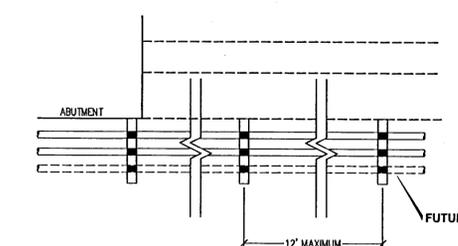
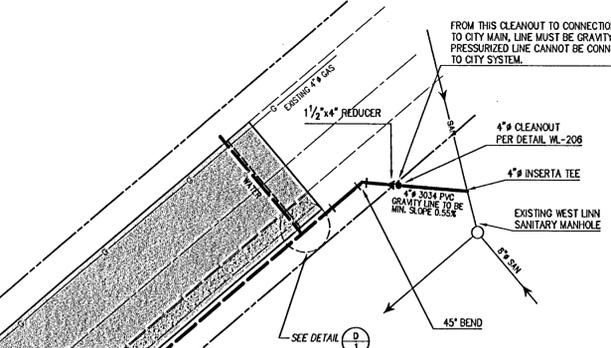
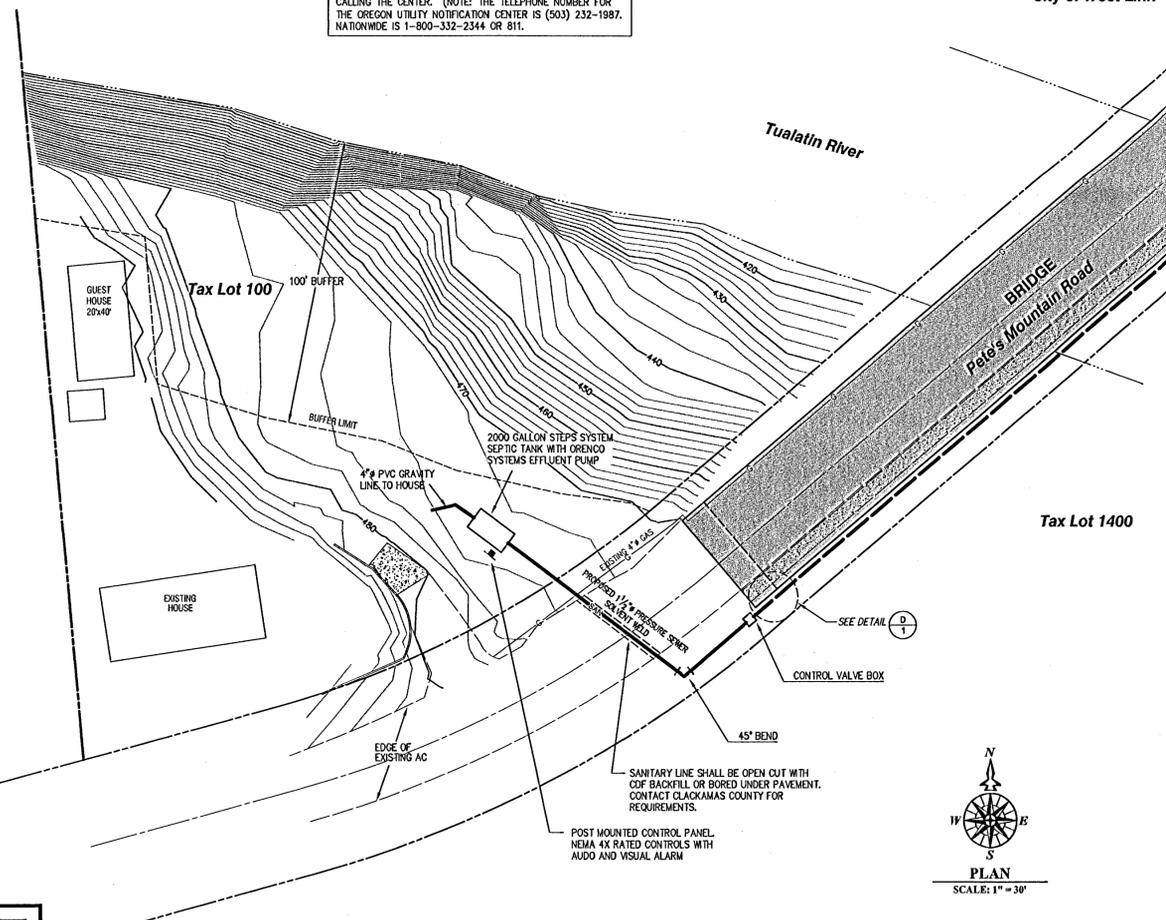
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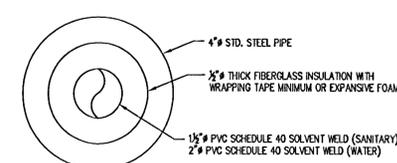
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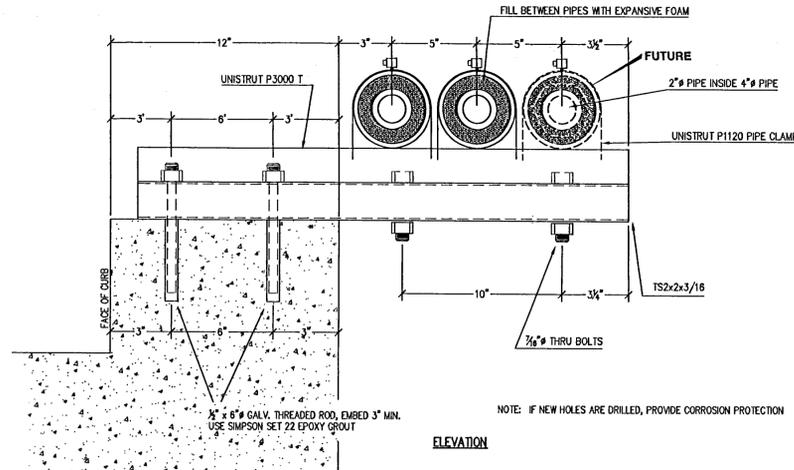
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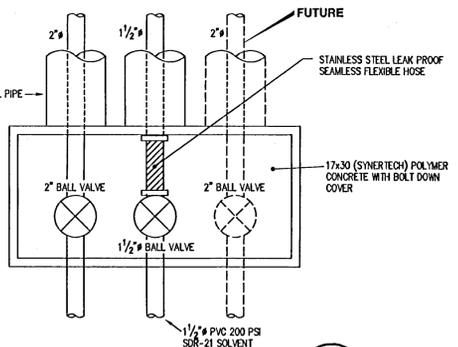
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Utility Plan
TL 100 Map 3S1E2C
Clackamas, Oregon

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