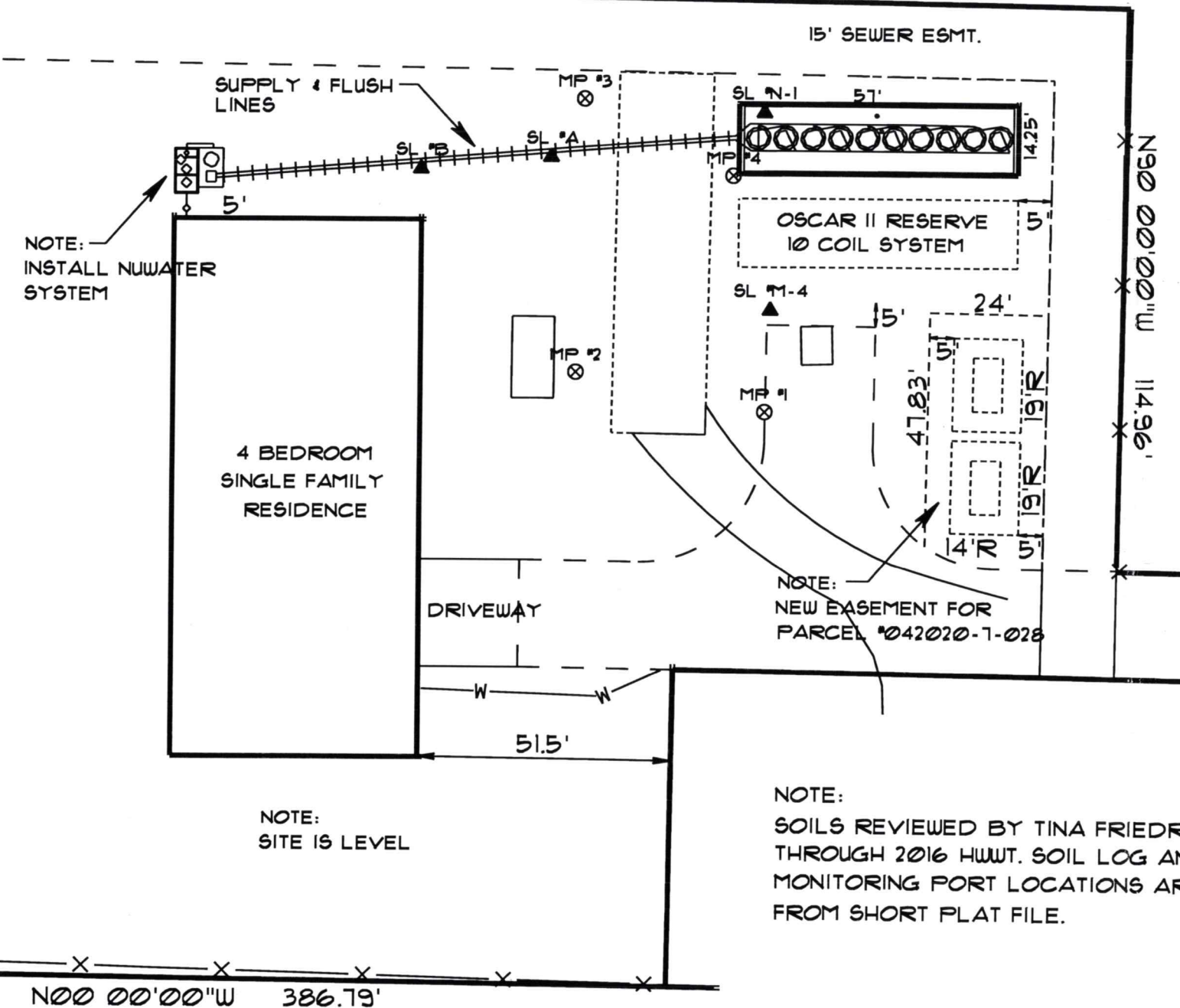
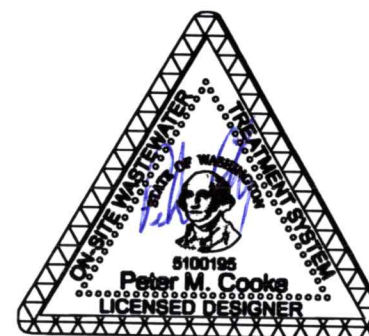


N00 00'00"W 551.83'

Received  
08/25/2021

EXPIRES 5/30/22  
DATED 3/31/21

APPROVAL STAMP










**On-Site Sewage  
Approved for Permit Release**

**Tyler Sorrell, RS**  
**09/21/2021**



0      15      30      60

### LEGEND

-  SOIL LOGS  
 BENCH MARK  
 STEP DOWN  
 2" OR 4" DIA. PVC PIPE TIGHTLINE  
 3" DIA. DWV or 4" DIA. PVC CLEANOUT  
 1-1/4" OR 4" DIA. PVC PERFORATED PIPE  
 WATER LINE  
 1,200 GALLONS PUMP CHAMBER  
 INSTALL NU-WATER BNR-500 SYSTEM

NOTE: THIS IS NOT A SURVEY !!!

ALL PROPERTY LINES AND DIMENSIONS AS SHOWN  
ARE FROM INFORMATION SUPPLIED BY THE CLIENT.  
WE ASSUME NO LIABILITY FOR VARIATIONS ASCERTAINED  
BY ACTUAL SURVEY.

RENEWAL 3/31/21

Site Address: 2345 W STEWART		1	
Parcel No. 042020-7-029		4	
Subdivision: SP #201512145007		Lot# 2	
On-Site Sewage Disposal System			
Client: DANNY FOSTER 253-255-3413			
Designer: Pete M. Cooke		State ID# 5100195	
<p>SEPTIC DESIGNS BY PETE COOKE</p> <p>P.O. BOX 1575</p> <p>Graham, Washington 98338</p> <p>(253) 582-1921</p>			
Date: 10/12/17	Scale: 1"=30'	Drawn By: PMC	Job No. DFOSTER





## SEPTIC SYSTEM GENERAL NOTES:

1. CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE LATEST REGULATIONS AND REQUIREMENTS OF THE PIERCE COUNTY HEALTH DEPARTMENT AND W.S.D.O.H. THIS SYSTEM REQUIRES PERIODIC MAINTENANCE. THE CERTIFICATION DOES NOT ENSURE CONTINUOUS TROUBLE FREE OPERATION.
2. THIS IS NOT A SURVEY. TOPOGRAPHY, BENCHMARKS AND ELEVATIONS ARE BASED ON ASSUMED DATUM, FIELD OBSERVATIONS, OWNER STATEMENTS AND PUBLIC RECORDS. IF BOUNDARY CONTROL IS NOT AVAILABLE AND CLEAR, A SURVEY SHOULD BE OBTAINED PRIOR TO COMMENCING INSTALLATION.
3. NO EXCAVATION OR ALTERATIONS AFFECTING DRAINFIELD AREA ARE PERMITTED. ANY ENCROACHMENTS INTO DRAINFIELD AREAS MAY RENDER THE SITE UNUSABLE. RE-DESIGNS REQUIRED DUE TO ENCROACHMENTS WILL BE DONE AT THE OWNERS EXPENCE.
4. THE NUWATER SEPTIC TANK IS TO BE WATERTIGHT WITH 24 INCH DIAMETER RISERS WITH COMPATIBLE LOCKING LIDS AND BE INSTALLED OVER MANHOLES TO FINISHED GRADE.
5. SEPTIC TANKS, PUMP CHAMBERS AND SEWER LINES UNDER DRIVING SURFACES MUST BE CRUSH-PROOF AND MEET D.O.T. STANDARDS.
6. THE DRAINFIELD SHALL BE MINIMUM 5 FEET FROM PROPERTY LINES, 10 FEET FROM BUILDING FOUNDATIONS, 100 FEET FROM WELLS. SEE DESIGN FOR SETBACKS AS EACH SYSTEM VARIES.
7. WATERLINES MUST BE A MINIMUM 10 FEET FROM SEPTIC COMPONENTS. WATERLINES CROSSING SEWER TRANSPORT LINES MUST CROSS A MINIMUM 18 INCHES ABOVE SEWER LINE AND BE SLEEVED WITHIN 10 FEET.
8. THE INSTALLER SHALL CONTACT THE DESIGNER UPON COMPLETION OF SEPTIC INSTALLATION FOR FINAL AS-BUILT INSPECTION. A FEE WILL BE CHARGED TO THE OWNER FOR THIS SERVICE.
9. THIS SYSTEM IS NOT DESIGNED FOR A GARBAGE DISPOSAL. THE USE OF SUCH DEVICE COULD RESULT IN SYSTEM FAILURE.
10. NO CHANGES OR ALTERATIONS ARE TO BE MADE TO THIS PLAN WITHOUT THE PERMISSION OF THE DESIGNER. ANY DISCREPANCIES FOUND ON THIS DESIGN MUST BE REPORTED TO THE DESIGNER PRIOR TO COMMENCING WORK.
11. SYSTEM IS DESIGNED FOR A 4 BEDROOM SINGLE FAMILY RESIDENCE WITH NORMAL RESIDENCIAL WASTE STRENTH CHARACTERISTICS. THE MAXIMUM WATER USE SHALL NOT EXCEED 480 GAL/DAY. THE DESIGN CALCULATED SOIL RATE IS 0.6 GAL/FT2/DAY. REQUIRED BASAL AREA IS 800 SQUARE FEET MINIMUM.
12. INSTALL OSCAR OSII-480 PACKAGE  
10 COILS (50 GPD PER COIL)  
MINIMUM BED DEPTH: 6 INCHES IN ASTM C-33 SAND  
COIL DRIPLINE: NETAFIM BIOLINE .42 GPH  
HEADWORKS: HWN-.7-RF AUTOMATIC HEADWORKS  
FLUSH METHOD: AUTOMATIC, RETURN TO PUMP TANK  
1/2 HP, 30 GPM AY McDONALD PUMP
13. LOT SIZE IS 103,351 SQUARE FEET OR 2.37 ACRES.

## PRESSURE SYSTEM SPECIFICATIONS:

1. PUMP CHAMBER SHALL BE A STATE APPROVED, SINGLE COMPARTMENT, WATERPROOF TANK WITH A MINIMUM 1200 GALLON CAPACITY. THE PUMP CHAMBER IS TO HAVE A 24 IN. DIAMETER RISER WITH COMPATIBLE LOCKING LID INSTALLED TO FINISHED GRADE.
2. A LF1P-RF-BLWR TIMER PANEL EQUIPPED WITH A VISUAL AND AUDIBLE ALARM SYSTEM, DOSE CYCLE COUNTER AND PUMP RUN TIME METER IS REQUIRED. OBTAIN ELECTRICAL PERMITS AS REQUIRED.
3. SET PUMP TO DOSE PER LOWeFLOW SPECIFICATIONS  
SET HIGH WATER ALARM AT 80 GALLONS ABOVE ON.
4. HEAD CALCULATIONS: LIFT 6.50 TRANSPORT LINE 2.0  
TOTAL DYNAMIC HEAD IS CALCULATED AT 8.50 FEET.
5. REQUIRED PUMP CAPACITY IS CALCULATED AT 30 GPM.
6. PUMP INCLUDED WITH OSCAR OSII-480 PACKAGE

## INSTALLATION ELEVATIONS:

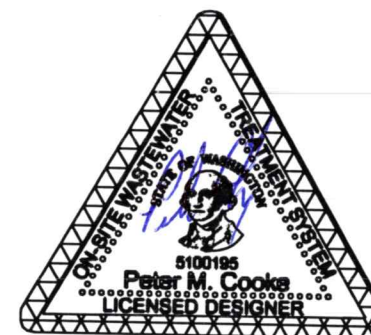
MIN. STUB OUT: i.e. = 100.00  
SEPTIC INLET: i.e. = 99.50  
SEPTIC OUTLET: i.e. = 99.00  
PUMP DISCHARGE: i.e. = 94.50  
DRAINFIELD PIPES: i.e. = 100.00

## LEGEND

- ▲ SOIL LOGS
- BENCH MARK
- \*\*\*\*- STEP DOWN
- +++++ 2" OR 4" DIA. PVC PIPE TIGHTLINE
- 3" DIA. DWV or 4" DIA. PVC CLEANOUT
- ===== 1-1/4" OR 4" DIA. PVC PERFORATED PIPE
- W- WATER LINE
- SEE PAGE 4
- SEE PAGE 4

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EXPIRES 5/30/21  
DATED 3/31/21

## APPROVAL STAMP

On-Site Sewage  
Approved for Permit Release

Tyler Sorrell, RS  
09/21/2021



Site Address: 2345 W STEWART		3 4
Parcel No. 042020-7-029		
Subdivision: SP #201512145007	Lot# 2	
On-Site Sewage Disposal System		
Client: DANNY FOSTER 253-255-3413		
Designer: Pete M. Cooke	State ID# 5100195	
<b>SEPTIC DESIGNS BY PETE COOKE</b>		
P.O. BOX 1575 Graham, Washington 98338 (253) 582-1921		
Date: 3/31/21	Scale: 1"=30'	Drawn By: PMC Job No. DFOSTER

Received  
08/25/2021





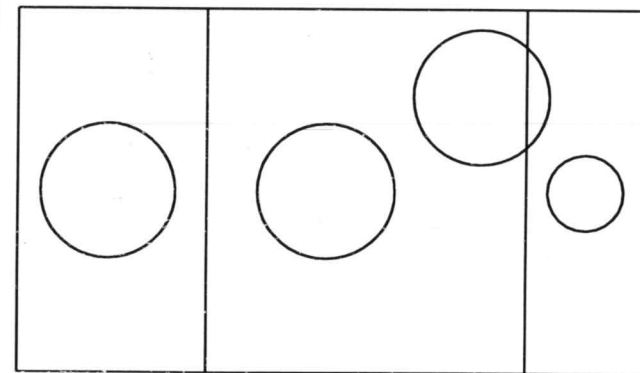
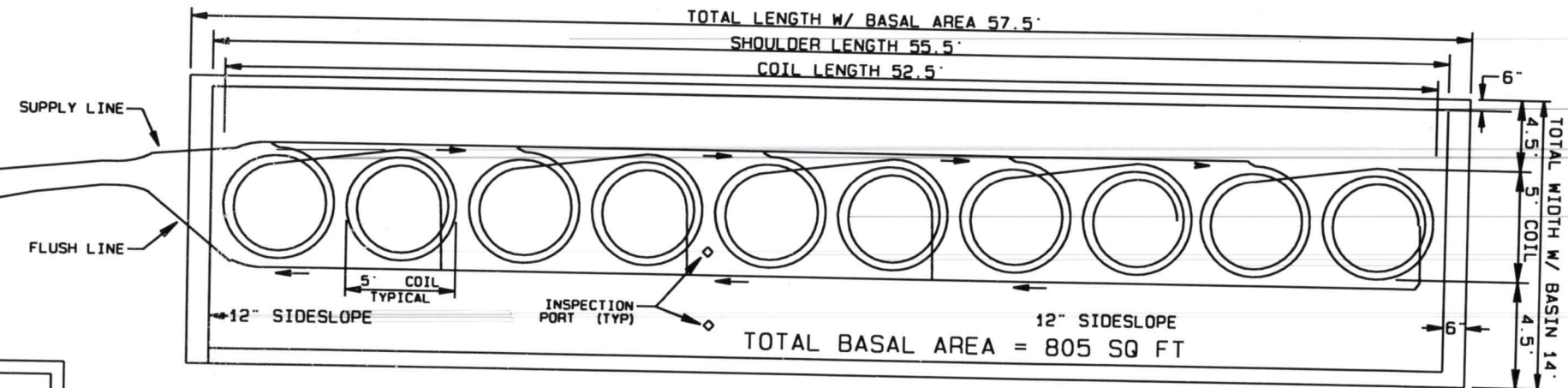
# APPROVAL STAMP

On-Site Sewage  
Approved for Permit Release

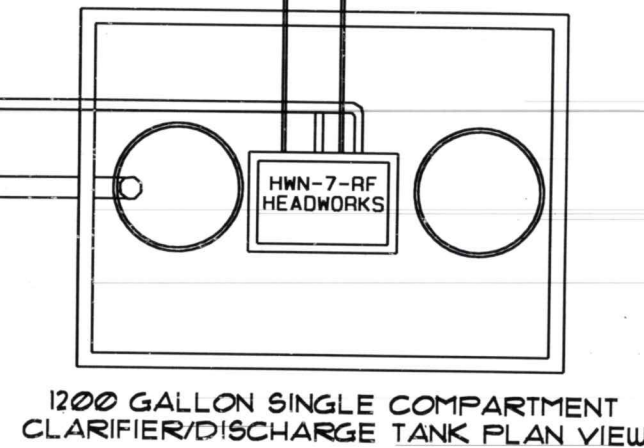
Tyler Sorrell, RS  
09/21/2021



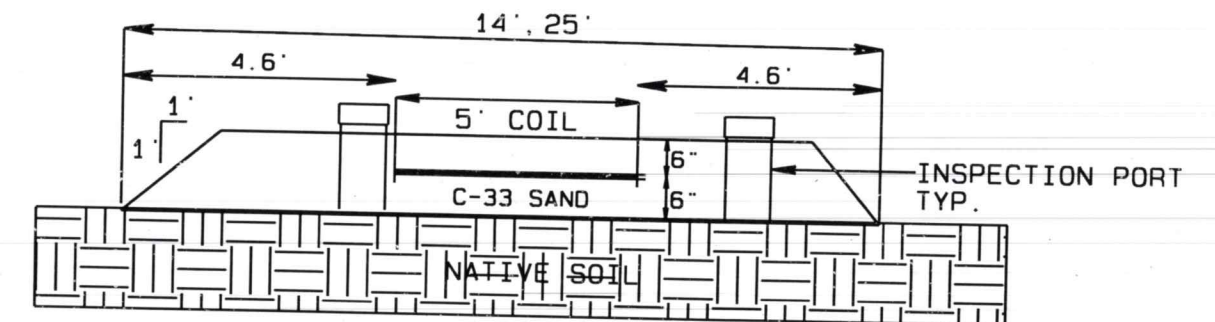
## OSCAR-OSII 480 TREATMENT SYSTEM DETAIL SECTION VIEW NTS



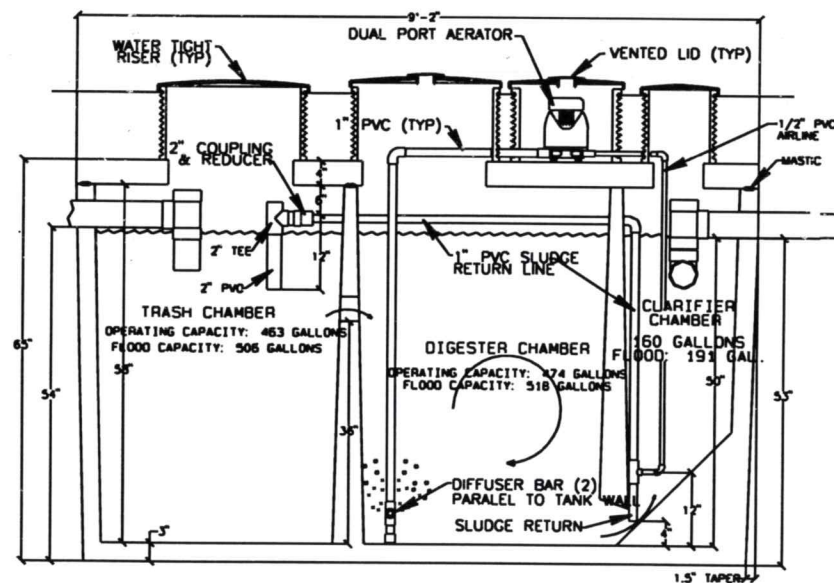
NUWATER BNR - 500 GPD TANK NTS



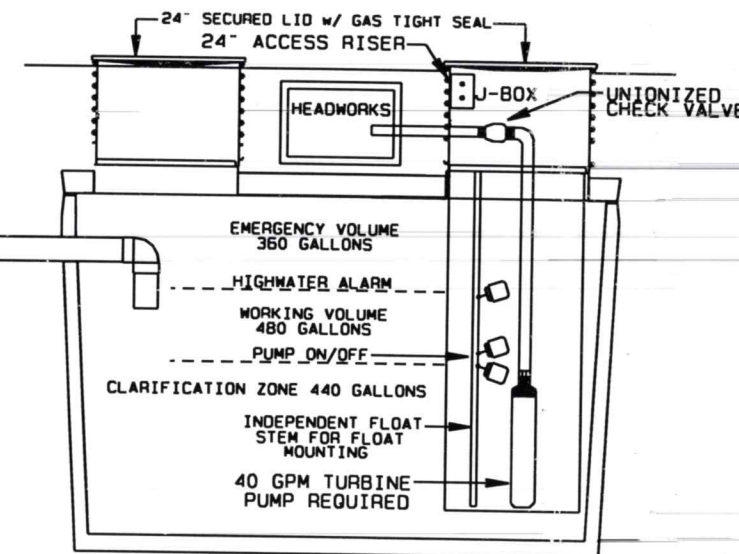
1200 GALLON SINGLE COMPARTMENT  
CLARIFIER/DISCHARGE TANK PLAN VIEW



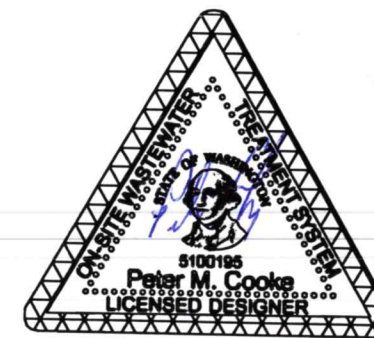
## OSCAR-OSII TREATMENT SYSTEM DETAIL SECTION VIEW NTS



NUWATER BNR - 500 GPD TANK NTS



1200 GALLON SINGLE COMPARTMENT  
CLARIFIER/DISCHARGE TANK PLAN VIEW



EXPIRES 5/30/22  
DATED 3/31/21

Site Address:	2345 W STEWART	4
Parcel No.	042020-7-029	4
Subdivision:	SP #201512145007	Lot# 2
On-Site Sewage Disposal System		
Client:	DANNY FOSTER 253-255-3413	
Designer:	Pete M. Cooke	State ID# 5100195
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