



FIGURE
C-1
SCALE: 1" = 30'
DATE: 8/25/2021

76 FLOYD STREET
EMERGENCY SEPTIC REPLACEMENT

08/25/2021 09:27 AM USGS map PA1118 Columbia River 30 Project 1118 Engineering Project 2021/2/25/21 - 76 Floyd St Apartment/6 Floyd Subdiv Land

OWNER: MARIAN FOSTER CURTISS
 SHIP# 21-00000
 SCTM# 300-164-1-8
 AREA = 7,500 SQ FT (17 AC)
 EXIST 2-STORY DWELLING WITH 3-BEDROOMS (330 GPD)

PROPOSED SEPTIC SYSTEM FOR (4) BEDROOMS (440 GPD)
 (1) HYDROACTION AND/OD LOW PROFILE (OWTS) (440 GPD)
 (1) 8' x 12' EFFECTIVE DEPTH LEACHING POOL (LP)
 (1) EXPANSION POOL (EP)

BOUNDARY SURVEY BY GEORGE WALBRIDGE SURVEYORS, P.C.
 DATED OCTOBER 31, 2016.

ELEVATIONS ARE NAVD 1929 FROM SCOH GIS.
 PROJECT COMPLETES WITH 3' SEPARATION TO GROUND WATER.

ALL NEIGHBORING PROPERTIES ARE IMPROVED AND CONNECTED TO PUBLIC WATER, EXCEPT 132 ACCABONAC ROAD, 140 ACCABONAC ROAD, 146 ACCABONAC ROAD, SCTM# 300-164-2-24, AND SCTM# 300-165-5-8-017 WHICH ARE VACANT.

EXIST BLOCK CESSPOOLS TO BE REMOVED PER SCOH STANDARDS.
 PIPES BETWEEN HOUSE AND THE OWTS SHALL BE D3034 SDR35 8" S-40208 MIN. PROVIDE FLUSH CLEANOUT AT POINT OF CONNECTION WITH CAST IRON PIPE, 2" MIN FROM FACE OF HOUSE.

HOUSE DETAILS:
 IE OUT - EL 27.73'

EXIST GRADE AT TREATMENT TANK - EL 29.7'
 IE IN - 27.20'
 IE OUT - 27.12'
 BOTTOM OF TREATMENT TANK - EL 23.2'
 EXIST GRADE AT LEACHING POOL - EL 29.8'
 IE IN - 27.03'
 BOTTOM OF LEACHING POOL - EL 15.36'



08/25/2021 8:24 PM
 PROFESSIONAL ENGINEER

SCDH OK TO PROCEED
 REPLACEMENT OF FAILED SANITARY SYSTEM WITH AN I/A OWTS

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ELEVATION 35.6'

5'	SANDY LOAM	5.3'
1'	SAND SILT	3.4'
8'	COARSE SAND W/ GRAVEL	8.3'

17'
NO GROUNDWATER ENCOUNTERED

TEST HOLE FROM SCOH REF# R03-18-0183
 TEST HOLE BY BARRON ENVIRONMENTAL
 DATED SEPTEMBER 20, 2018
 HIGHEST EXPECTED GROUNDWATER ELEVATION 11.4' PER USGS GROUNDWATER CONDITIONS ON LONG ISLAND IN 2010.

SCOH APPROVAL
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