

- KEY:
- PROPERTY LINE
 - (P) RESIDENCE
 - (P) SS PIPES (GRAVITY)
 - (P) SS PIPES (AIR)
 - (P) SS PIPES (PRESSURE)
 - (P) SS PIPES (VENT)
 - (P) SS PIPES (ELECTRICAL)
 - (P) PRESENT SEEPAGE PIT (P-X)
 - (P) FUTURE SEEPAGE PIT (F-X)
 - APPROX. LOCATION OF PERCOLATION TEST BORING (B-X) PER LAND PHASES, INC. GEOLOGIC STUDY, DATED JUNE 12, 2018.
 - APPROX. LOCATION OF WATER WELL PER LAND PHASES, INC. GEOLOGIC STUDY, DATED JUNE 12, 2018.

ABBREVIATIONS:

- (E) EXISTING
- (P) PROPOSED
- BI BELOW INLET
- FF FINISHED FLOOR
- FG FINISHED GRADE
- FS FINISHED SURFACE
- SS SANITARY SEWER

TOTAL BEDROOMS: 4 TOTAL
PEAK DESIGN DAILY FLOWRATE: 600 GPD
AVERAGE DESIGN DAILY FLOWRATE: 350 GPD
STRENGTH OF SEPTIC TANK EFFLUENT: 200mg/L OR LESS

MIN SEPTIC TANK CAPACITY (LACoP TABLE K-2): 1,200-GAL
(BASED UPON BEDROOM COUNT ONLY)
MIN SEEPAGE PIT CAPACITY (PRESENT AND FUTURE): 6,000-GAL
(BASED UPON BEDROOM COUNT ONLY)

EFFLUENT DISPERSAL:
PERC RATE PRESENT: B-1 = 12,000 GPD/6" PIT (21.2 GPD/SF)
B-2 = 12,935 GPD/6" PIT (22.9 GPD/SF)
TOTAL = 24,935 GPD/1-6" PIT

PERC RATE FUTURE: B-3 = 11,799 GPD/6" PIT (20.9 GPD/SF)
TOTAL = 11,799 GPD/1-6" PIT

B-4 = 10,560 GPD/6" PIT (18.7 GPD/SF)
(PER EPD CONSULTANTS, INC. JUNE 13, 2018 REPORT)

PRESENT SEEPAGE PITS: 2 TOTAL (6" X 30" BI PIT W/ 10' CAP DEPTH)

FUTURE SEEPAGE PIT: 1 TOTAL (6" X 30" BI PIT W/ 10' CAP DEPTH)

PEAK DESIGN DISPERSAL LOADING RATE: 0.53 GPD/SF
AVERAGE DESIGN DISPERSAL LOADING RATE: 0.31 GPD/SF

2 ONSITE WASTEWATER SYSTEM CALCULATIONS

Scale: N.T.S.

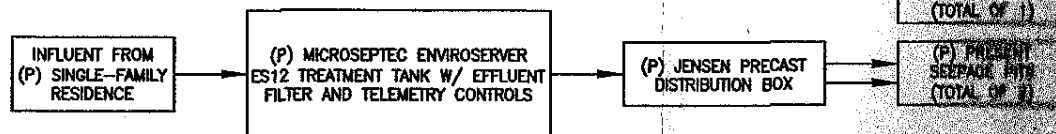
- (P) MICROSEPTIC ENVIROSERVER ES12 TREATMENT TANK HOUSED IN A 3,634-GALLON FIBERGLASS REINFORCED PLASTIC (FRP) TANK PROVIDED BY THE MFR, W/ EFFLUENT FILTER AND TELEMETRY CONTROLS. INSTALL WITH THREE (3) 24" FRP LIDS/RISERS TO GRADE PER MFR, SPECIFIED GAS AND WATER TIGHT AND VENTED TO THE ROOF PER MPC.
- (P) MICROSEPTIC TELEMETRY CONTROL PANEL. REQUIRES DEDICATED "UNBLOCKED" PHONE LINE AND POWER TO THE PANEL. LICENSED ELECTRICIAN TO DETERMINE NUMBER AND SIZING OF WIRES.
- (P) MICROSEPTIC HIBLOW HP-120LL AIR COMPRESSORS (TYP. OF 2) IN ABOVE GROUND ENCLOSURE PER MFR.
- (P) ENVIROSERVER ES12 AIR VENT W/ 3" SCH 40 PVC AIR VENT LINE TO ROOF PER MPC.
- (P) GRAVITY CLEANOUT TO GRADE (COTG). INSTALL EVERY 100' MIN. OF PIPE RUN PER MPC.
- (P) JENSEN PRECAST MODEL D5 DISTRIBUTION BOX INSTALLED WITH ONE (1) 24" PVC WATERTIGHT LID, RISER AND MANHOLE TO GRADE OR APPROVED EQUAL. NUMBER OF OUTLETS PER PLAN.
- (P) PRESENT 2 X 6" X 30" BI SEEPAGE PITS W/ 10' CAP DEPTHS FROM EG @ BORINGS B-1 AND B-2.
- (P) FUTURE 1 X 6" X 30" BI SEEPAGE PIT W/ 10' CAP DEPTH FROM EG @ BORING B-3.

3 ONSITE WASTEWATER SYSTEM KEYNOTES

Scale: N.T.S.

4 ONSITE WASTEWATER SYSTEM PROCESS FLOW SCHEMATIC

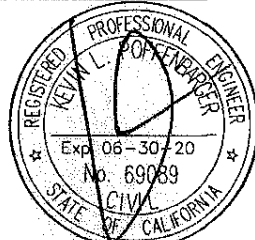
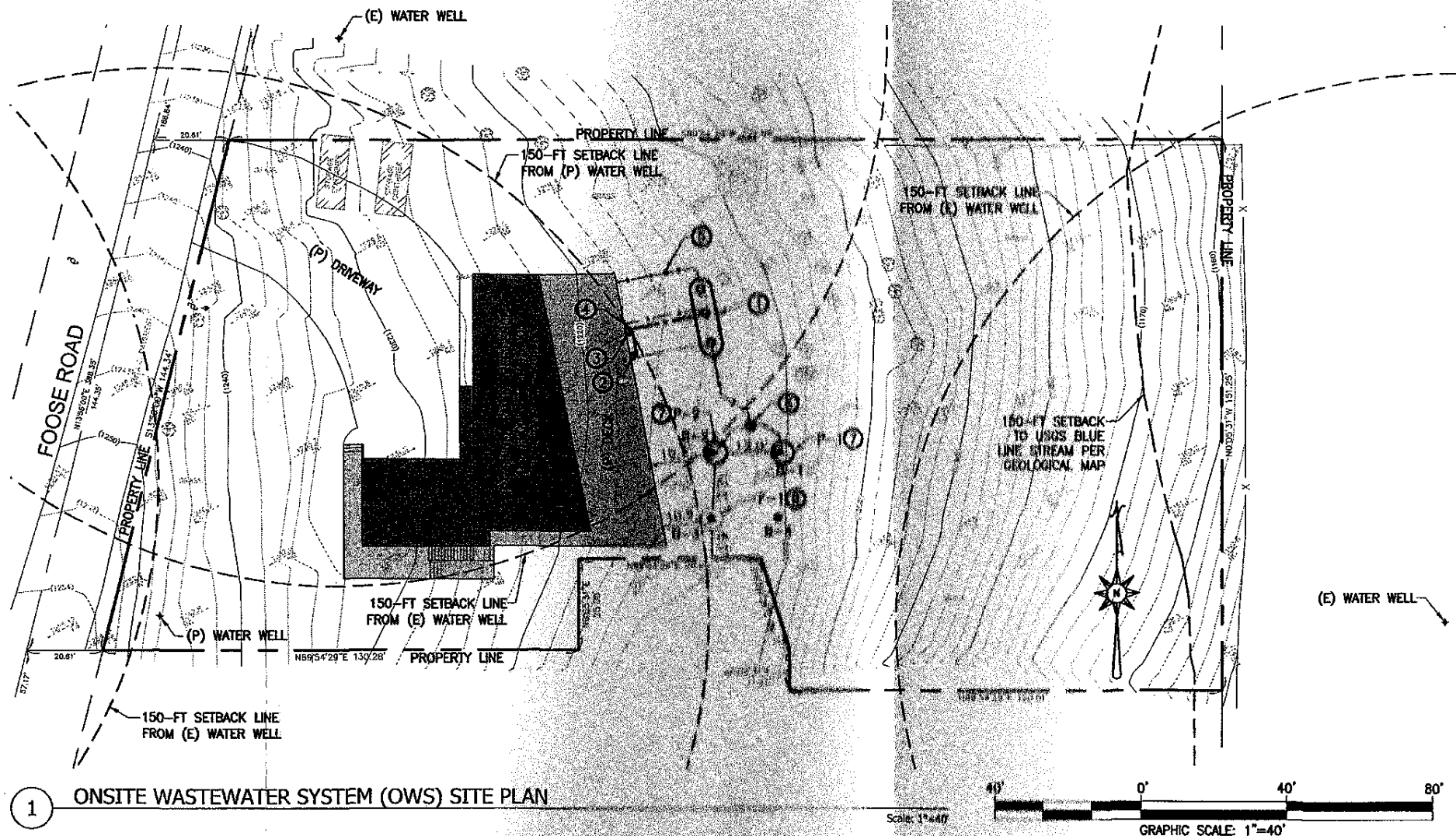
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	SEEPAGE PIT #	PERC TEST BORING #	EXISTING GRADE (FT)	CAP DEPTH FROM EG (FT)	PROPOSED GRADE (FG) (FT)	CAP DEPTH FROM FG (FT)	PROPOSED CAP ELEVATION (FT)	15-FT HORIZONTAL DOWNHILL ELEV. (FT)
PRESENT SEEPAGE PITS	B-1	B-1	1210.00	10.00	1210.00	10.00	1200.00	1204.00
	B-2	B-2	1213.00	10.00	1213.00	10.00	1203.00	1211.00
FUTURE SEEPAGE PIT	F-1	B-3	1213.00	10.00	1213.00	10.00	1203.00	1211.00

5 SEEPAGE PIT ELEVATIONS

Scale: N.T.S.



NO.	REVISIONS:	DATE:	BY:

ADDRESS:
2807 FOOSE ROAD
MALIBU, CA 90265

SHEET TITLE ONSITE WASTEWATER SYSTEM (OWS) SITE PLAN		
PROJECT ONSITE WASTEWATER SYSTEM		
DATE 06/18/18	SCALE AS SHOWN	DRAWN BY ZK

PROJECT NO. W470
DRAWING NO. W1.00
SHEET 1 OF 1 SHEETS