

1 ONSITE WASTEWATER SYSTEM OVERALL PLAN
Scale: 1"=60'

- KEY:**
- PROPERTY LINE
 - (E) EASEMENT
 - (E) RESIDENCE
 - (P) ADDITION TO RESIDENCE
 - (E) PRESENT LEACH FIELD
 - (P) FUTURE LEACH FIELD
 - RYONS TEST HOLE (TH-X) PER LARRY YOUNG PERCOLATION TEST REPORT, DATED OCTOBER 1, 2014
 - GROUNDWATER HOLE (GW 01) PER SUBSURFACE DESINGS SOIL REPORT, DATED SEPTEMBER 25, 2014
 - OAK TREE SETBACK
- ABBREVIATIONS:**
- | | | | |
|--------|--|-----|----------------------------|
| ADU | ACCESSORY DWELLING | OWS | ONSITE WASTEWATER SYSTEM |
| BGS | BELOW GRADE SURFACE | (P) | PROPOSED |
| BOT | BOTTOM | R&R | REMOVAL AND REPLACEMENT |
| DEMO | DEMOLITION | SDI | SUBSURFACE DRIP IRRIGATION |
| (E) | EXISTING | SF | SQUARE FEET |
| EG | EXISTING GRADE | SFR | SINGLE-FAMILY RESIDENCE |
| FF | FINISHED FLOOR | TOP | TOP OF TANK |
| FS | FINISHED SURFACE | TOR | TOP OF ROCK |
| INV | INVERT | TOT | TOP OF TANK |
| LACWD | LOS ANGELES COUNTY WATERWORKS DISTRICT | VIF | VERIFY IN FIELD |
| LACoPC | LOS ANGELES COUNTY PLUMBING CODE | | |

PRELIMINARY - NOT FOR CONSTRUCTION

(P) SINGLE-FAMILY RESIDENCE
TOTAL EQUIVALENT BEDROOMS: 3

1 BEDROOM @ 300 GPD/BED = 300 GPD
2 BEDROOMS @ 150 GPD/BED = 300 GPD

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 (LAPCoPC TABLE H2.1): 1,000-GALLONS
(BASED UPON BEDROOM COUNT ONLY)

DISPERSAL CALCULATION

PERCOLATION RATE: TH-1 = 26 MIN/IN.
TH-2 = 12 MIN/IN.
TH-3 = 29 MIN/IN.
TH-4 = 27 MIN/IN.
(PER LAWRENCE YOUNG REPORT, DATED OCTOBER 1, 2014)

MIN "FUTURE" LEACH BED AREA FOR 3-BED DEVELOPMENT = 911 SF

EFFLUENT DISPERSAL

(E) "PRESENT" LEACH FIELD W/ 2' EXTRA ROCK = 800 SF (INCLUDING SIDEWALL CREDIT)

(P) 100% "FUTURE" LEACH FIELD W/ 2' EXTRA ROCK = 930 SF INCLUDING SIDEWALL CREDIT

PEAK DESIGN EFFLUENT LOADING RATE = 0.75 GPD/SF
AVERAGE DESIGN EFFLUENT LOADING RATE = 0.44 GPD/SF

2 ONSITE WASTEWATER SYSTEM CALCULATIONS

Scale: N.T.S.

- THESE PLANS ARE ACCURATE FOR ONSITE WASTEWATER SYSTEM (OWS) ONLY. ALL SEPTIC LINES SHOWN HEREIN ARE APPROXIMATE LOCATIONS.
- ARCHITECTURAL SURVEY PROVIDED BY LAND & AIR SURVEYING, DATED MARCH 25, 2022.
- ARCHITECTURAL PLANS PROVIDED BY DAVID HERTZ ARCHITECTS, DATED JUNE 9, 2025. ELEVATIONS ARE APPROXIMATE PER THE REFERENCED PLANS.
- ALL RYON'S TEST HOLES (TH-X) ARE APPROXIMATE LOCATIONS PER THE PERCOLATION TEST REPORT PROVIDED BY LAWRENCE YOUNG, DATED OCTOBER 1, 2014. GROUNDWATER HOLE (GW 01) IS APPROXIMATE LOCATION PER THE LIMITED GEOLOGIC REPORT PROVIDED BY SUBSURFACE DESINGS INC., DATED SEPTEMBER 25, 2014.
- CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF PROJECT FINAL FULL SIZE PLANS & SPECIFICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE FINAL FULL SIZE PLANS & SPECIFICATIONS FROM THE SYSTEM ENGINEER PRIOR TO PROCEEDING WITH WORK.

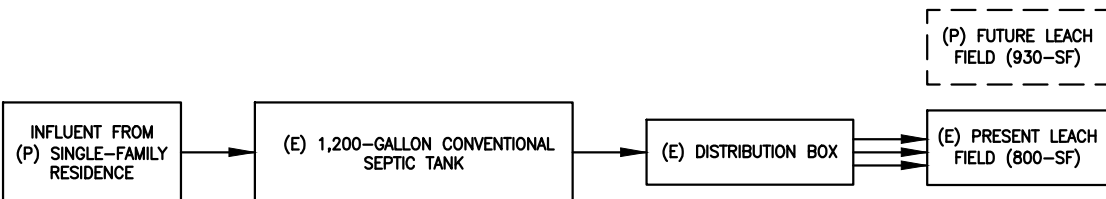
4 ONSITE WASTEWATER SYSTEM GENERAL NOTES

Scale: N.T.S.

- (E) 1,200-GALLON CONVENTIONAL SEPTIC TANK W/ TWO 24" Ø MANHOLES TO REMAIN. TANK SHALL BE GAS AND WATERTIGHT AND VENTED TO THE ROOF PER LACoPC (VIF).
- (E) DISTRIBUTION BOX TO REMAIN, REPAIR OR REPLACE AS NEEDED (VIF).
- (E) PRESENT LEACH FIELD W/ 2' EXTRA ROCK (800-SF INCLUDING SIDEWALL CREDIT) TO REMAIN AND REPAIR AS NEEDED (VIF). PER THE SEPTIC INSPECTION REPORT, DATED APRIL 24, 2025, PORTIONS OF THE LEACH FIELD LATERALS ARE CLOGGED OR DAMAGED AND SHALL BE REPAIRED DURING CONSTRUCTION TO THE ORIGINAL CONDITION.
- (P) FUTURE LEACH FIELD W/ 2' OF ROCK (930-SF INCLUDING SIDEWALL CREDIT).
- (P) GRAVITY CLEANOUT TO GRADE.

5 ONSITE WASTEWATER SYSTEM KEYNOTES

Scale: N.T.S.



3 ONSITE WASTEWATER SYSTEM PROCESS FLOW SCHEMATIC

Scale: N.T.S.

NO.	REVISIONS:	DATE:	BY:
1	NEW ARCH/POOL	3/14/25	MD
2	(E) SEPTIC INSPECT.	6/23/25	KP
3	NEW ARCH PLANS	7/10/25	MD

ADDRESS:
616 COLD CANYON ROAD
CALABASAS, CA 91302

SHEET TITLE:
ONSITE WASTEWATER SYSTEM

PROJECT:
PRIVATE RESIDENCE

DATE	SCALE	DRAWN BY
8/22/23	AS_SHOWN	MD

