LINCOLN COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
WASTEWATER TREATMENT AND DISPOSAL SYSTEM PERMIT

Issue Date: 10/6/2017 Expiration Date: 10/6/2018

Property Owner: Steve Swallows c/o: Koocanusa Excavating

Address: PO BOX 172, Turnacacori, AZ 85640

Telephone: (Home) [redacted] (Work)

Installer: Koocanusa Excavating License No. 135

__xx__ New Installation ____ Existing System

____ Repair ____ Replacement ____ Extension ____ Other

Describe: Three 75' laterals using gravelless chambers.

Parcel Description:

Legal: S12 T36 R27

Address or Location: Mountain Air Lot 3A

Geo/Assessors code: 0000055714

Approved Design Criteria:

Bedrooms 2 Septic Tank Size: 1000 gallons Drainfield Size: 225 Linear Feet

SYSTEM MUST INCLUDE INSTALLATION OF EFFLUENT FILTER AT SEPTIC TANK OUTLET !!

Special Instructions: INSTALL SYSTEM ACCORDING TO LAYOUT, DEQ-4 AND LINCOLN COUNTY WASTEWATER REGULATION #3. ANY DEVIATIONS FROM APPROVED PLAN MUST BE AUTHORIZED BY THE DEPARTMENT.

Issued By: Jake Mertes, R.S.

Closure Statement:

I, BUCK SCHERMERHORN, *have inspected this system and found it to be in compliance with the conditions of the permit, and the Lincoln County Wastewater Treatment and Disposal Regulation.*

Signed: [signature] *Date:* 11/8/17

Title: PRESIDENT #135

NOTICE: The Department must be notified at least 48 hours prior to backfilling the system. Any system not inspected by the Department or its designated representative prior to closure is an illegal installation in violation of Lincoln County Health Board Regulation No. 3. Illegal installations may result in fines and/or requirements to remove or reconstruct the system.

406-283-2442

DISCLAIMER

This permit is not a guarantee by the Department that the system will function properly for a prescribed period of time.

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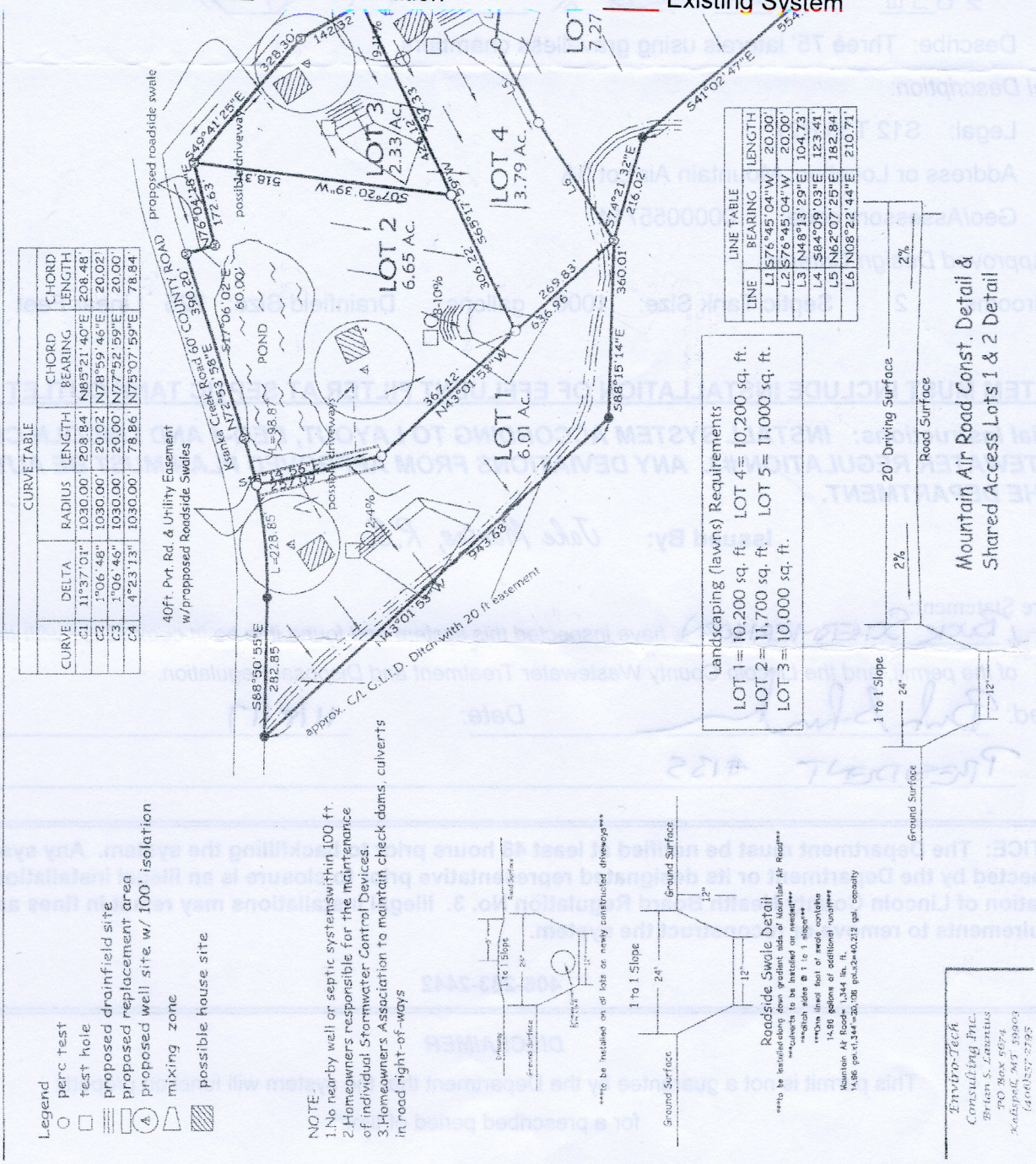
(Work)

Installer: Koocanusa Excavating

License No. 135

xx New Installation

____ Existing System


LOT 1
6.01 Ac.
LOT 2
6.65 Ac.
LOT 3
2.33 Ac.
LOT 4
3.79 Ac.
LOT 7.27
POND
Kanka Creek Road 60' COUNTY ROAD
40ft. Pvt. Rd. & Utility Easement w/proposed Roadside Swales
proposed roadside swale
possible driveway
possible driveways
approx. C/L C.L.I.D. Ditch with 20 ft easement
S88°50'55"E 282.85
S43°01'53"W 943.68
S88°15'14"E 360.01
S41°02'47"E 554.
S74°21'32"E 216.02
S07°20'39"W 518.3
N76°04'14"E 172.63
S49°41'25"E 328.30
N72°53'58"E 390.20'
S17°06'02"E 60.00'
L=98.87'
L=228.89'
L=82.09'
S73°14'16"E
N43°01'53"W 367.12'
N43°01'53"W 263.83'
636.96'
309.22'
S69°57'17"E
2.4%
8.10%
9.11%
42.43'
CURVE TABLE

CURVE	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD LENGTH
C1	11°37'01"	1030.00'	208.84'	N85°21'40"E	208.48
C2	1°06'48"	1030.00'	20.02'	N78°59'46"E	20.02'
C3	1°06'45"	1030.00'	20.00'	N77°52'59"E	20.00'
C4	4°23'13"	1030.00'	78.86	N75°07'59"E	78.84

LINE TABLE

LINE	BEARING	LENGTH
L1	S76°45'04"W	20.00'
L2	S76°45'04"W	20.00'
L3	N48°13'29"E	104.73'
L4	S84°09'03"E	123.41'
L5	N62°07'25"E	182.84'
L6	N08°22'44"E	210.71'

Landscaping (lawns) Requirements
LOT 1= 10,200 sq. ft. LOT 4= 10,200 sq. ft.
LOT 2= 11,700 sq. ft. LOT 5= 11,000 sq. ft.
LOT 3= 10,000 sq. ft.

Mountain Air Road Const. Detail & Shared Access Lots 1 & 2 Detail
20' Driving Surface
Road Surface
Ground Surface
2%
1 to 1 Slope
24"
12"

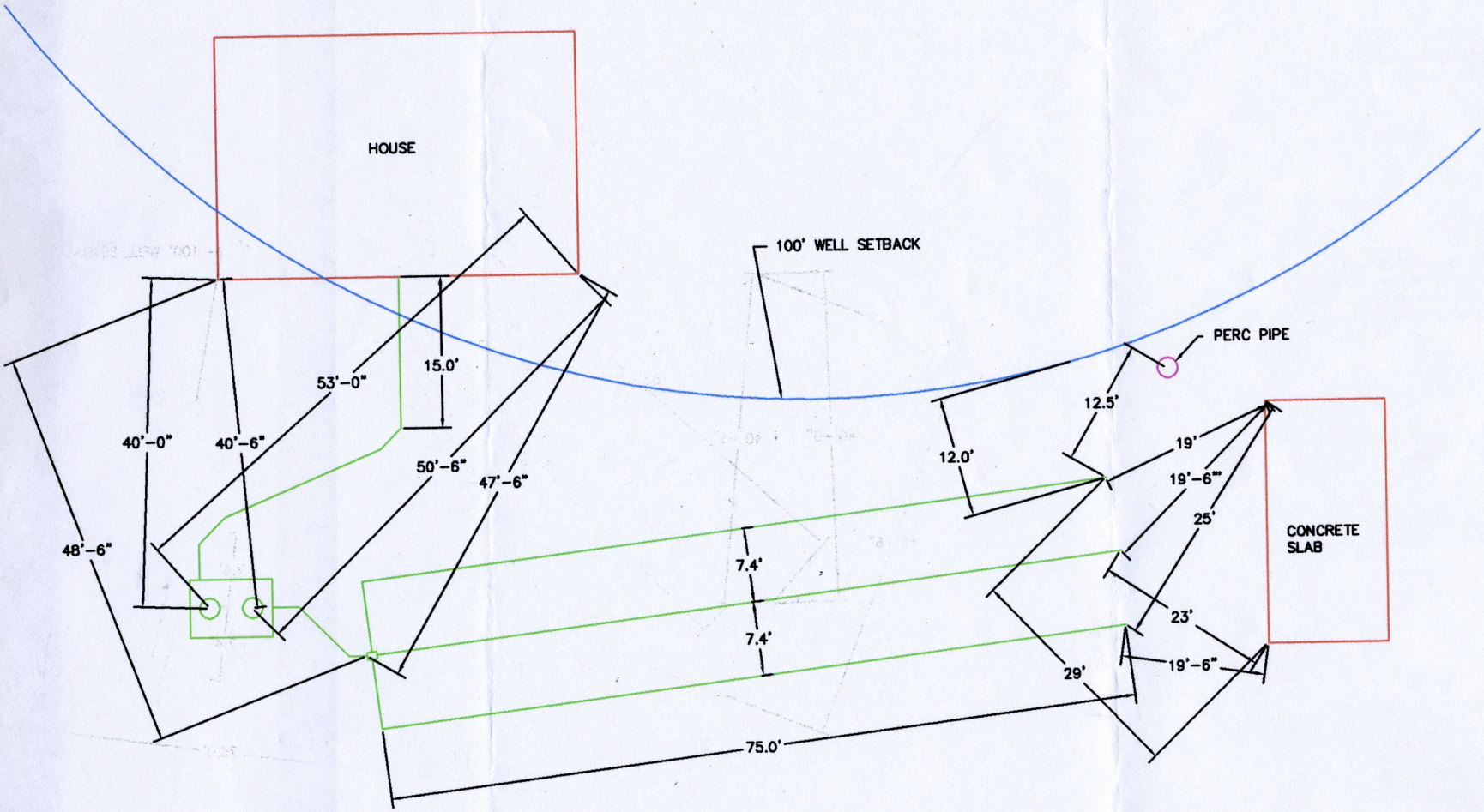
Legend
- perc test
- test hole
- proposed drainfield site
- proposed replacement area
- proposed well site w/ 100' isolation
- mixing zone
- possible house site

NOTE:
1. No nearby well or septic systemswithin 100 ft.
2. Homeowners responsible for the maintenance of individual Stormwater Control Devices.
3. Homeowners Association to maintain check dams, culverts in road right-of-ways

to be installed on all lots or newly constructed driveways

Roadside Swale Detail
to be installedalong down gradient side of Mountain Air Road
culverts to be installed as needed
retain sides @ 1 to 1 slope
min lineal foot of swale contains 14.90 gallons of additional runoff
Mountain Air Road= 1,344 lin. ft.
14.86 gal.x1,344'=20,018 gal.x2=40,212 gal. capacity

Envirotech Consulting Inc.
Brian S. Lantis
PO Box 5674
Kalispell, MT 59903
(406)257-2795



SWALLOWS AS-BUILT SEPTIC SYSTEM

REV	DESCRIPTION	BY/DATE	APRD/DATE

REVISIONS

KOOCANUSA EXCAVATING
SWALLOWS PROJECT
SEPTIC AS-BUILT
11/8/17
11/8/17
05317-001
1

KEI
1/16 & NOTED
KB12017
8/30/17
PAIL-0001

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