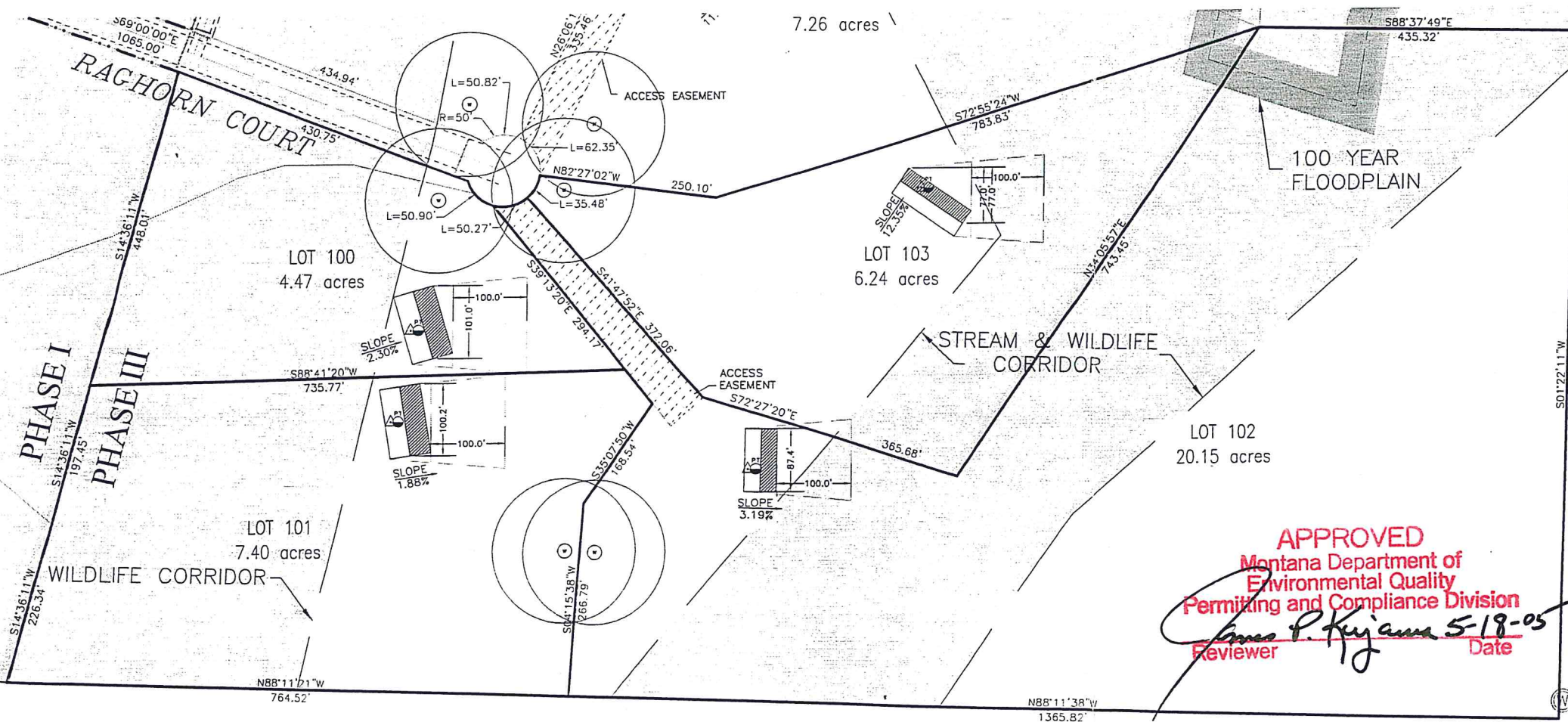
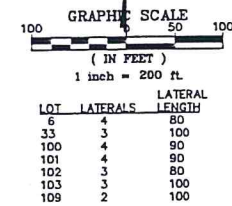
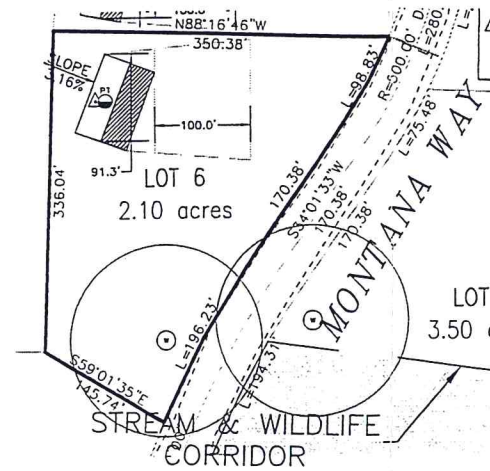
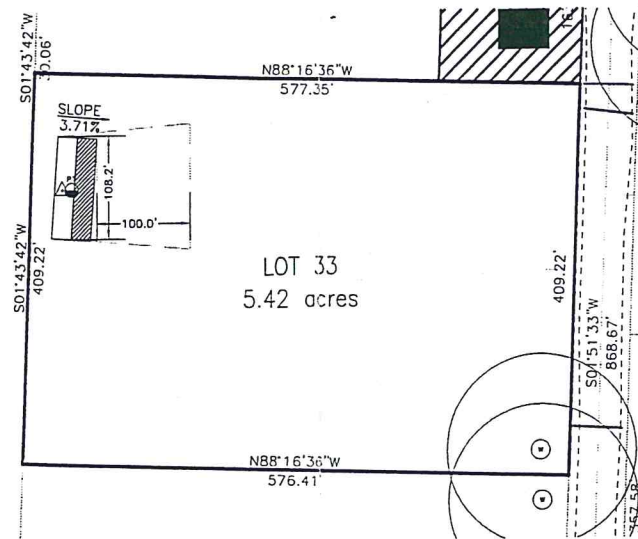
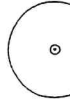









LOCATED IN PORTIONS OF SECTION 13 & 24, T6S, R2W, & SECTION 18, T6S, R1W, P.M.M., MADISON COUNTY, MONTANA



LEGEND

PROPOSED WELL W/ 100' ZONE OF INFLUENCE

EXISTING WELL W/ 100' ZONE OF INFLUENCE

PRIMARY & REPLACEMENT (HATCHED) DRAINFIELD W/ 100' MIXING ZONE;

# LATERALS/LATERAL LENGTH

TEST PIT

PERCOLATION TEST

PROPOSED UTIL. CONDUIT  
PROPOSED CULVERT

PROPOSED DRIVEWAY

EDGE OF ROAD CUT/FILL

NOTE:

ALL LOTS ARE SUBJECT TO THE FOLLOWING UTILITY EASEMENTS:

- 10' ALONG SIDE LOT LINES
- 20' ALONG FRONT AND REAR LOT LINES
- 25' FROM STREAM CORRIDORS
- 25' FROM COULEE BLUFFS

FURTHERMORE, SOME LOTS ARE SUBJECT TO WILDLIFE CORRIDOR AND/OR STREAM & WILDLIFE CORRIDOR EASEMENTS AS SHOWN.

BUILDINGS ARE RESTRICTED FROM BEING CONSTRUCTED WITHIN UTILITY EASEMENTS AND WILDLIFE AND STREAM CORRIDORS.

DETENTION PONDS ARE REQUIRED ON EACH LOT. THE SIZE OF THE DETENTION POND IS DEPENDENT UPON THE ACREAGE OF THE LOT EXCLUSIVE OF STREAM AND WILDLIFE CORRIDORS. USE THE FOLLOWING RANGES TO DETERMINE DETENTION POND REQUIREMENTS:

DEVELOPED POND ACREAGE VOLUME (CF)	OUTLET (IN)	ORIFICE (IN)	DEPTH (FT)	MIN. FREEBOARD (FT)
0-2 AC 130	6	3.5	1.0	0.5
2.01-5 AC 320	6	NONE	1.0	0.5
5.01-8 AC 510	6	NONE	1.5	1.0

OUTLET PIPE SHALL BE SMOOTH INTERIOR HDPE, WITH A MINIMUM SLOPE OF 3%.

THE ORIFICE SHALL BE CUT INTO A REMOVABLE END CAP FOR EASE OF MAINTENANCE. EACH POND SHALL BE LOCATED ON THE DOWN-GRADIENT SIDE OF THE BUILDING ENVELOPE. RUNOFF FROM IMPERVIOUS AREAS SHALL BE ROUTED INTO THE POND, USING INTERCEPTOR DITCHES IF NECESSARY.

**VERIFY SCALE!**  
THESE PRINTS MAY BE  
REDUCED. LINE BELOW  
MEASURES ONE INCH ON  
ORIGINAL DRAWING.

—|—

**MODIFY SCALE  
ACCORDINGLY!**

[illegible]

**MORRISON  
MAIERLE, INC.**  
*An Employee-Owned Company*

ENGINEERS  
SCIENTISTS  
SURVEYORS  
PLANNERS  
SINCE 1945

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DRAWN BY: CAK  
CHK'D. BY: JLH  
APPR. BY: JLH  
DATE: 02/11/05

Q.A. REVIEW  
BY: JLH  
DATE: \_\_\_\_\_

CONTRACTS, MICHIGAN SUPPLEMENT

MONTANA

NOT LAYOUT-SHEET 13

PROJECT NO.

2843.019

SHEET NUMBER

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13

DRAWING NUMBER

13.

15