

**EXAMPLE 1 - FAN PROGRAM**

**ZONE X**

LIMIT OF  
DETAILED STUDY

**ZONE AO**  
(DEPTH 1)  
(VELOCITY 7 FPS)

**ZONE AO**  
(DEPTH 1)  
(VELOCITY 6 FPS)

9

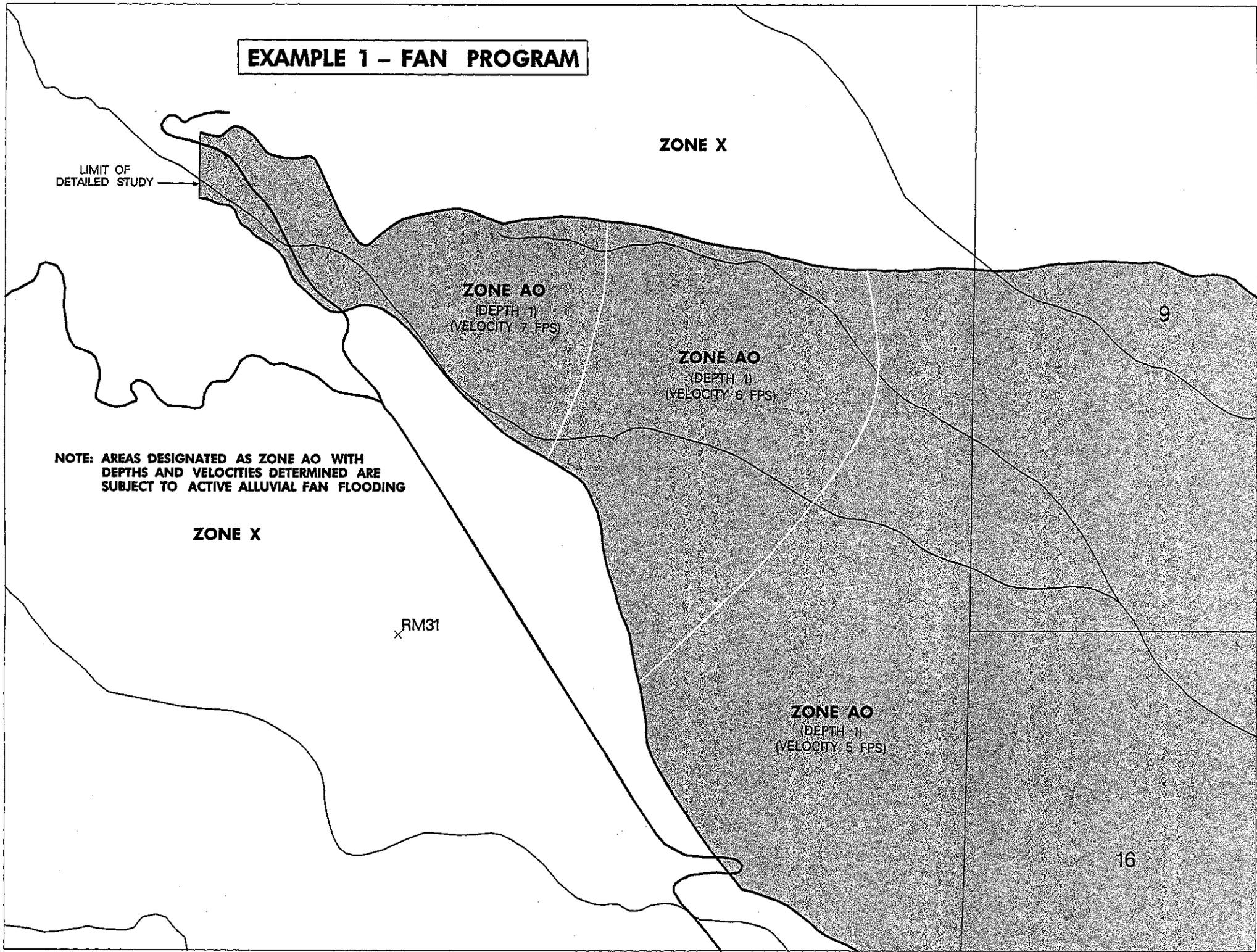
**NOTE: AREAS DESIGNATED AS ZONE AO WITH  
DEPTHS AND VELOCITIES DETERMINED ARE  
SUBJECT TO ACTIVE ALLUVIAL FAN FLOODING**

**ZONE X**

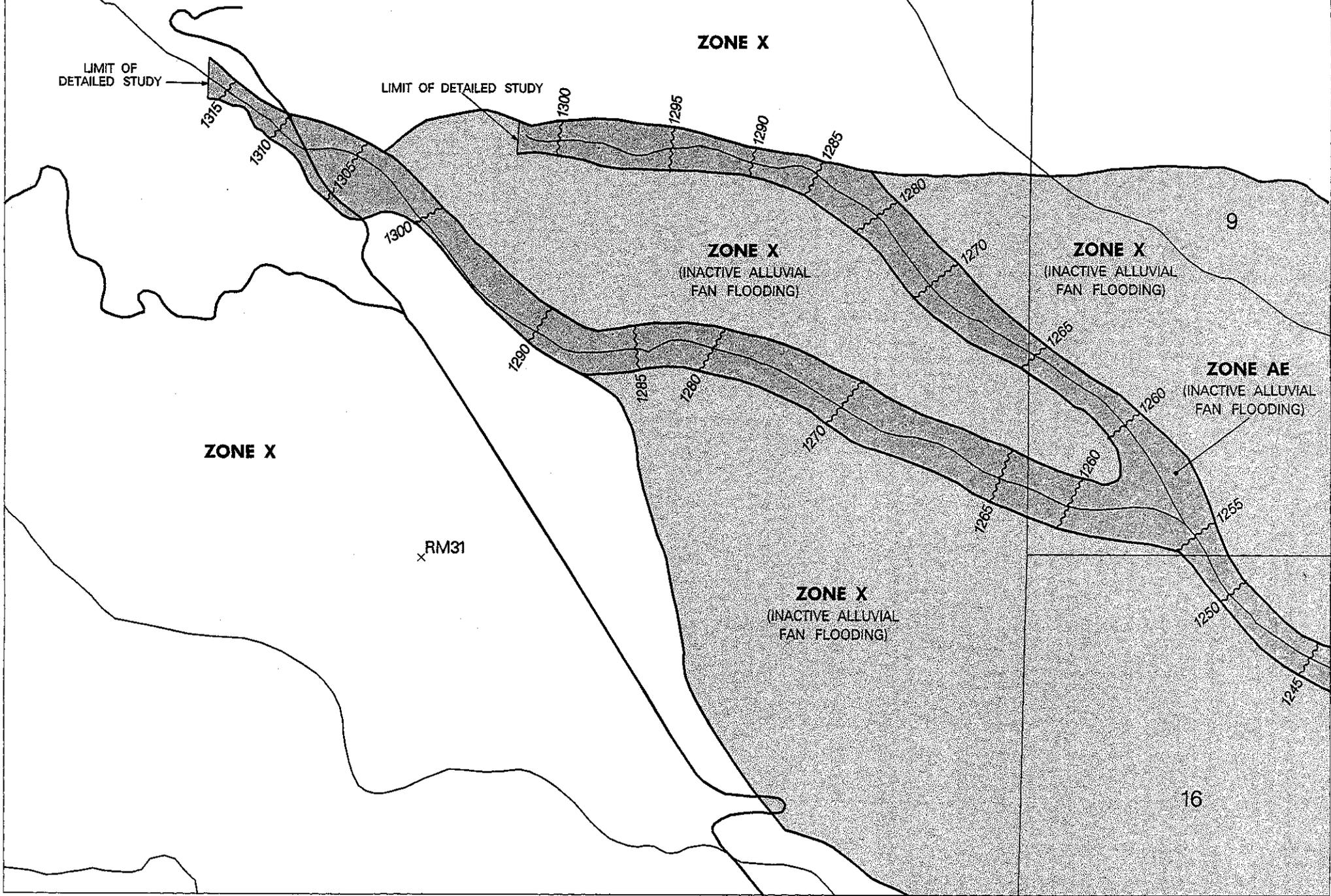
x RM31

**ZONE AO**  
(DEPTH 1)  
(VELOCITY 5 FPS)

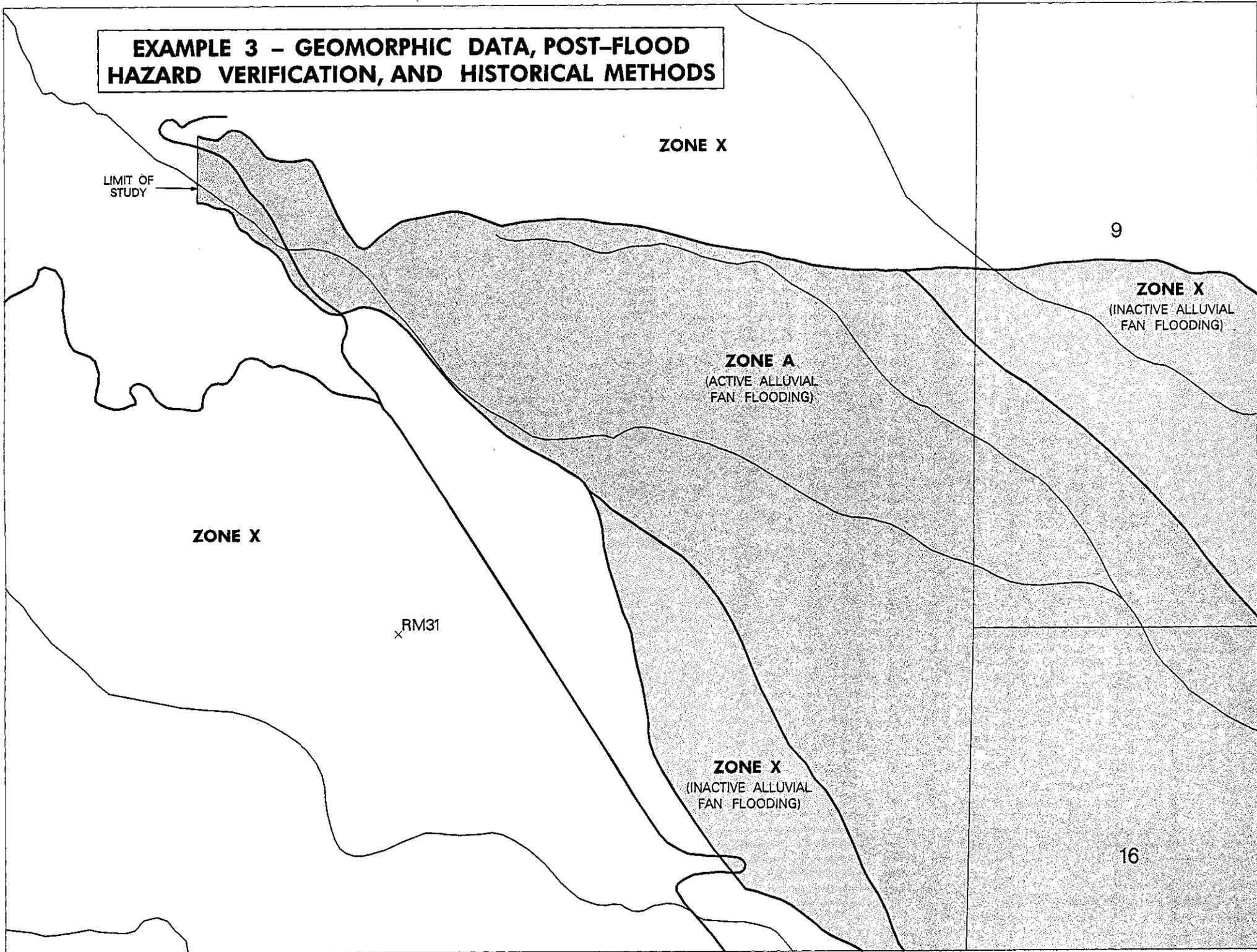
16



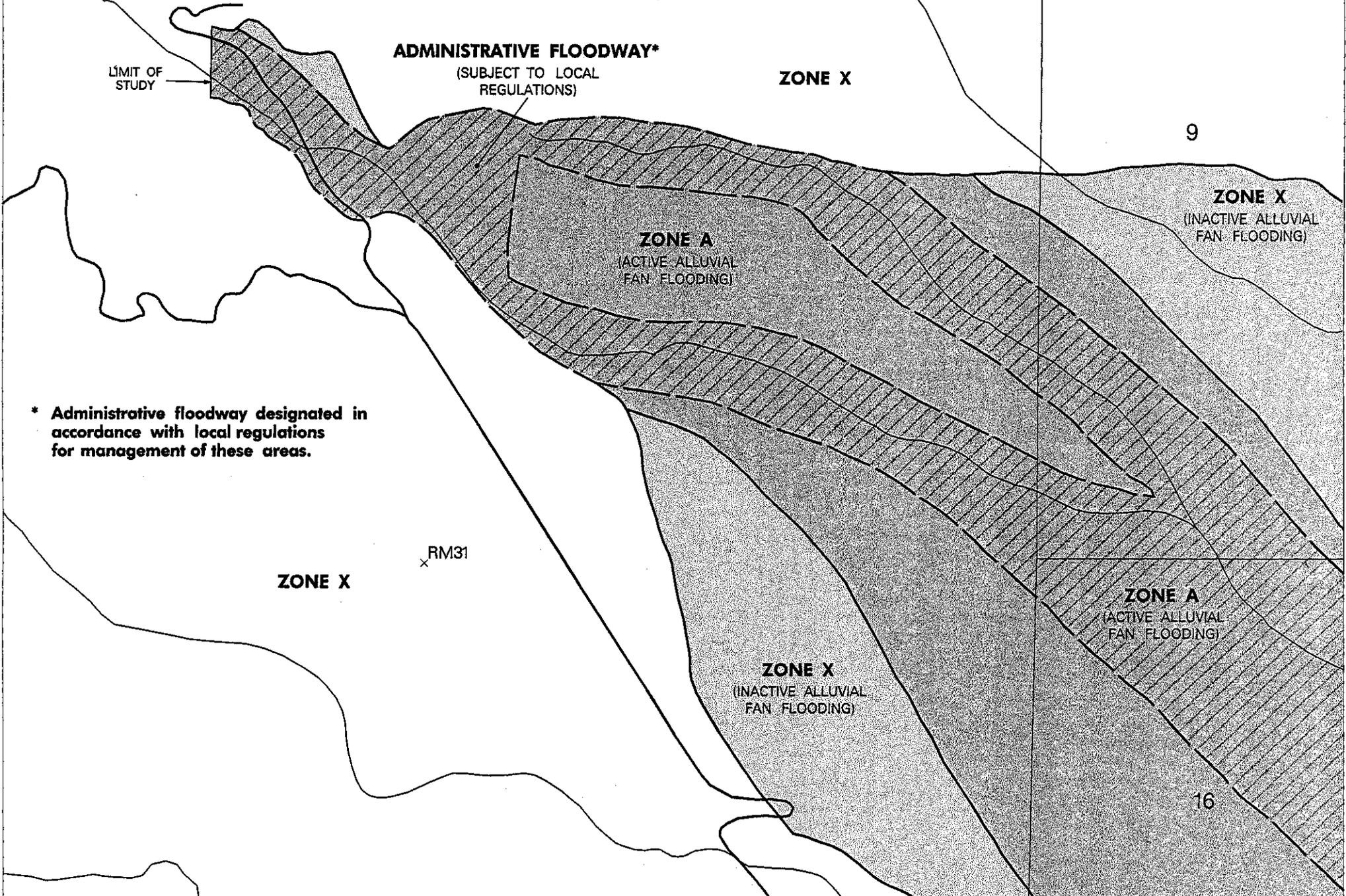
# EXAMPLE 2 - HYDRAULIC ANALYTICAL METHODS



**EXAMPLE 3 - GEOMORPHIC DATA, POST-FLOOD  
HAZARD VERIFICATION, AND HISTORICAL METHODS**



**EXAMPLE 4 - GEOMORPHIC DATA, POST-FLOOD  
HAZARD VERIFICATION, AND HISTORICAL  
INFORMATION (WITH ADMINISTRATIVE FLOODWAY)**



\* Administrative floodway designated in accordance with local regulations for management of these areas.

**EXAMPLE 5 - COMPOSITE METHODS (GEOMORPHIC DATA AND HYRAULIC ANALYTICAL METHODS)**

LIMIT OF DETAILED STUDY

LIMIT OF DETAILED STUDY

**ZONE X**

**ZONE AE**  
(INACTIVE ALLUVIAL FAN FLOODING)

**ZONE X**  
(INACTIVE ALLUVIAL FAN FLOODING)

**ZONE X**  
(INACTIVE ALLUVIAL FAN FLOODING)

**ZONE X**

**ZONE X**  
(INACTIVE ALLUVIAL FAN FLOODING)

\* Administrative floodway designated in accordance with local regulations for management of these areas.

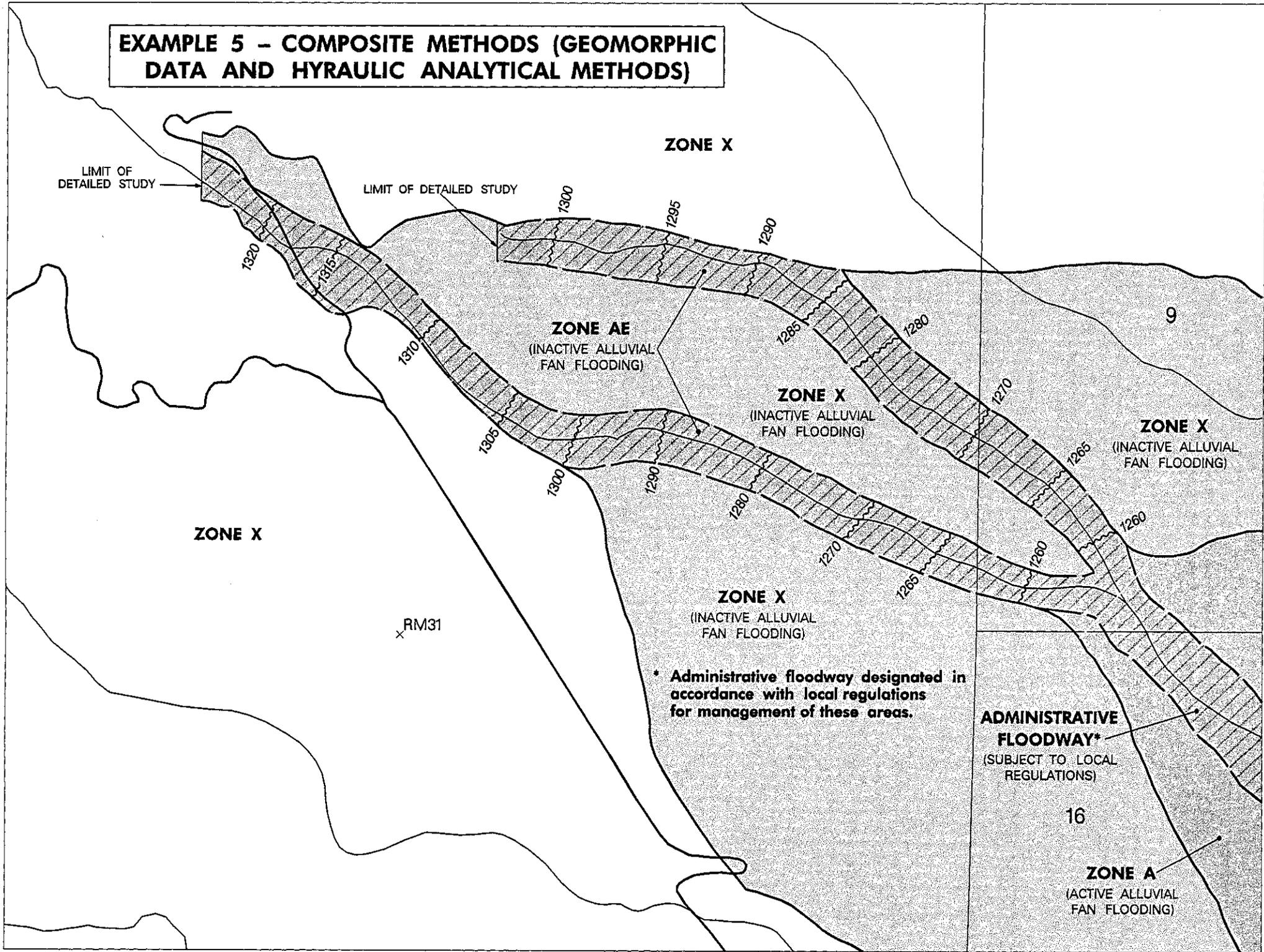
**ADMINISTRATIVE FLOODWAY\***  
(SUBJECT TO LOCAL REGULATIONS)

16

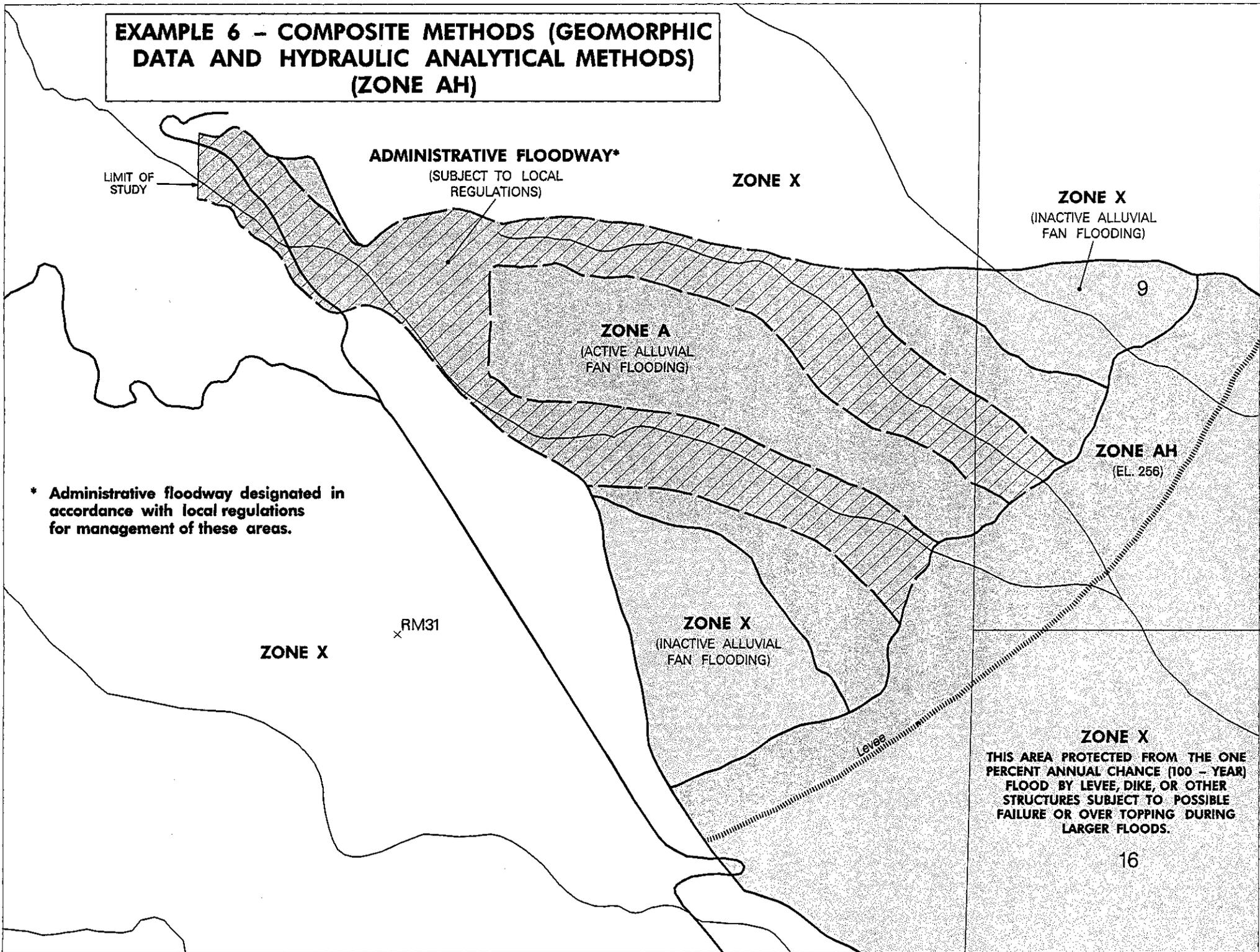
**ZONE A**  
(ACTIVE ALLUVIAL FAN FLOODING)

9

x RM31



**EXAMPLE 6 - COMPOSITE METHODS (GEOMORPHIC DATA AND HYDRAULIC ANALYTICAL METHODS)  
(ZONE AH)**



\* Administrative floodway designated in accordance with local regulations for management of these areas.

**ZONE X**  
THIS AREA PROTECTED FROM THE ONE PERCENT ANNUAL CHANCE (100 - YEAR) FLOOD BY LEVEE, DIKE, OR OTHER STRUCTURES SUBJECT TO POSSIBLE FAILURE OR OVER TOPPING DURING LARGER FLOODS.

**EXAMPLE 7 - COMPOSITE METHODS (GEOMORPHIC DATA, HYDRAULIC ANALYTICAL METHODS, AND FAN METHOD)**

LIMIT OF DETAILED STUDY

LIMIT OF DETAILED STUDY

**ZONE X**

**ZONE X**  
(INACTIVE ALLUVIAL FAN FLOODING)

**ZONE X**  
(INACTIVE ALLUVIAL FAN FLOODING)

**ZONE AE**  
(INACTIVE ALLUVIAL FAN FLOODING)

**ZONE X**  
(INACTIVE ALLUVIAL FAN FLOODING)

**ZONE AO**  
(DEPTH 2)  
(VELOCITY 5 FPS)

**ZONE AO**  
(DEPTH 2)  
(VELOCITY 2 FPS)

**ZONE AO**  
(DEPTH 1)  
(VELOCITY 2 FPS)

**NOTE: AREAS DESIGNATED AS ZONE AO WITH DEPTHS AND VELOCITIES DETERMINED ARE SUBJECT TO ACTIVE ALLUVIAL FAN FLOODING**

**ZONE X**

x RM31

9

16

1320

1310

1300

1300

1290

1280

1275

1270

1260

1290

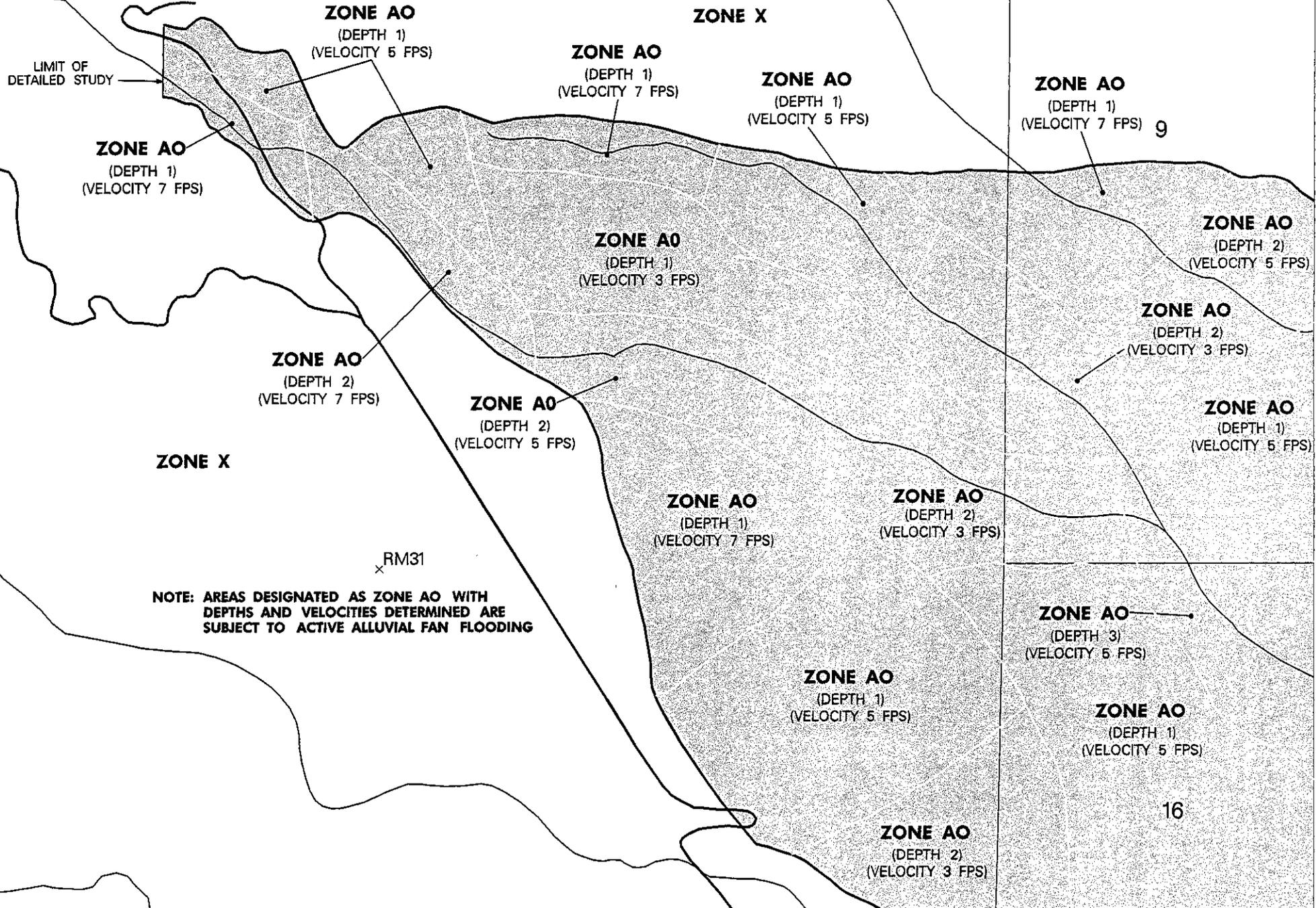
1280

1270

1265

1280

**EXAMPLE 8 - HYDRAULIC ANALYTICAL METHODS  
(TWO - DIMENSIONAL FLOW MODELS)**



# EXAMPLE 9 - SHEET FLOW

