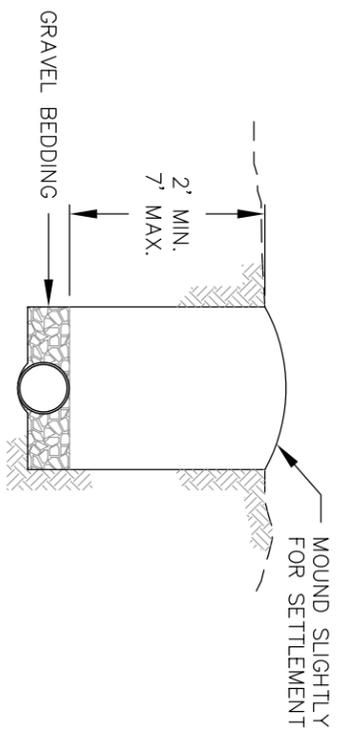
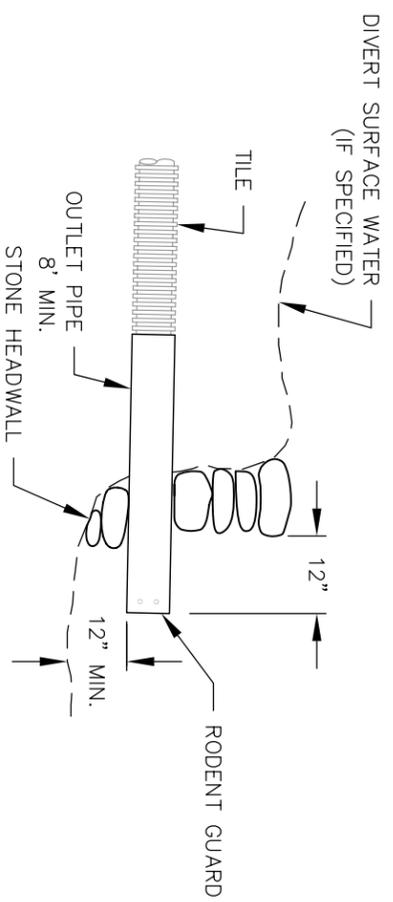


**TILE DRAINAGE DETAILS**  
TYPICAL SECTION



**DRAIN OUTLET**



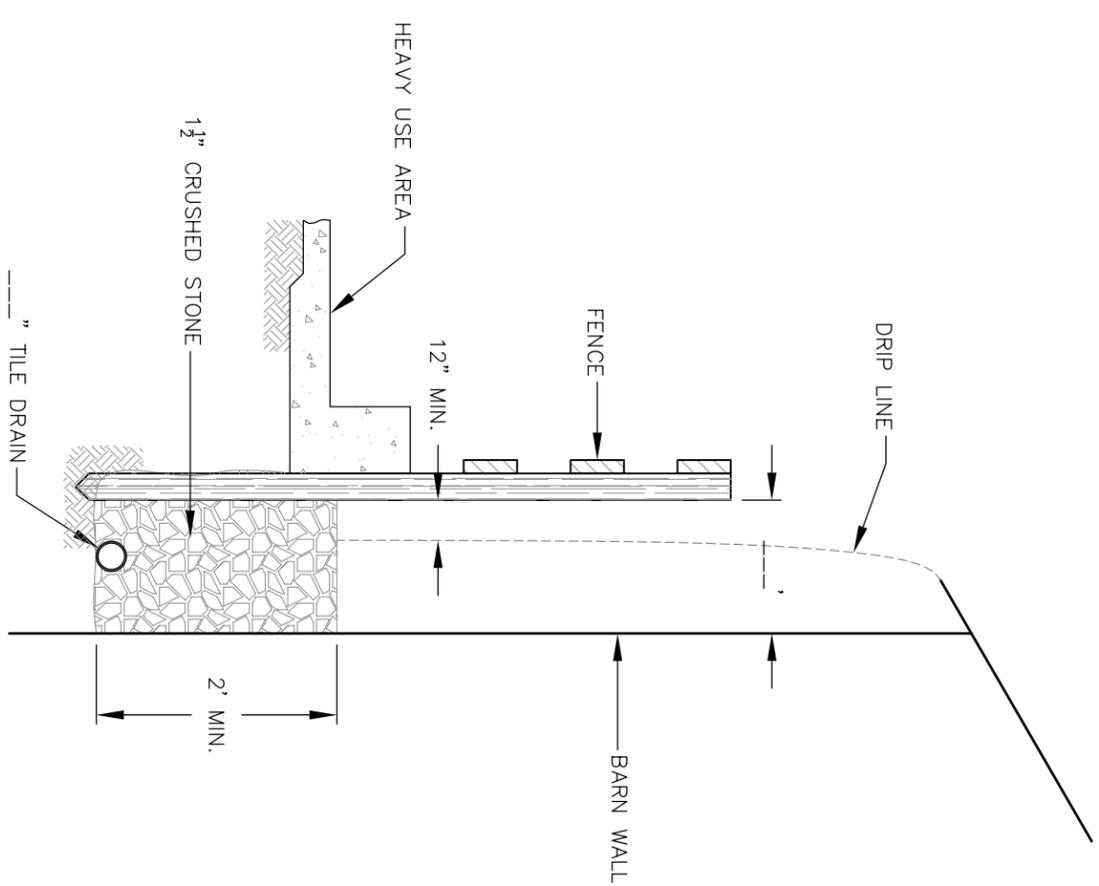
**RODENT GUARDS**



**CONSTRUCTION NOTES**

1. THE TRENCH BOTTOM SHALL BE GROOVED TO PROVIDE SUPPORT FOR THE BOTTOM  $\frac{1}{3}$  OF THE PIPE WHEN FLEXIBLE PIPE IS INSTALLED. GRAVEL BEDDING MAY BE USED TO PROVIDE LATERAL SUPPORT FOR THE PIPE WHEN THE TRENCH BOTTOM CANNOT BE GROOVED.
2. ROUND PIPE PERFORATION SHALL BE  $\frac{3}{16}$ " PLACE HOLES DOWN. SLOTS SHALL BE NO LONGER THAN  $1\frac{1}{4}$ ".
3. AS SOON AS PLACED AND INSPECTED THE PIPE SHALL BE HAND COVERED WITH LOOSE, FRIABLE MATERIAL FROM THE TRENCH SIDES, TOPSOIL OR FILTER GRAVEL TO A DEPTH OF 6" OVER THE PIPE.
4. DO NOT PUSH LARGE STONES INTO TRENCH.
5. THE OUTLET PIPE SHALL BE RIGID AND NON-PERFORATED. METAL PIPE SHALL BE USED IF THE HEADWALL IS CONCRETE OR IF DISCHARGE IS INTO A DRAINAGE CHANNEL OR STREAM.
6. NOTIFY NRCS AT LEAST 2 DAYS PRIOR TO START OF CONSTRUCTION.

**TILED ROOF DRAIN DETAIL**  
(NOT TO SCALE)



- NOTES:**
- WIDTH OF TRENCH IS DEPENDENT ON DRIP LINE

**BILL OF MATERIALS**

ITEM #	ITEM	QUANTITY	UNIT	CONSTRUCTION SPECIFICATIONS
1.	EXCAVATION		C.Y.	11
2.	1 1/2" CRUSHED STONE		C.Y.	5, 11
3.	---" TILE DRAIN		L.F.	41
4.	GRAVEL BEDDING		C.Y.	5, 11
5.	---" OUTLET PIPE		L.F.	41
6.	RODENT GUARD		EA	
7.	FENCE		L.F.	50

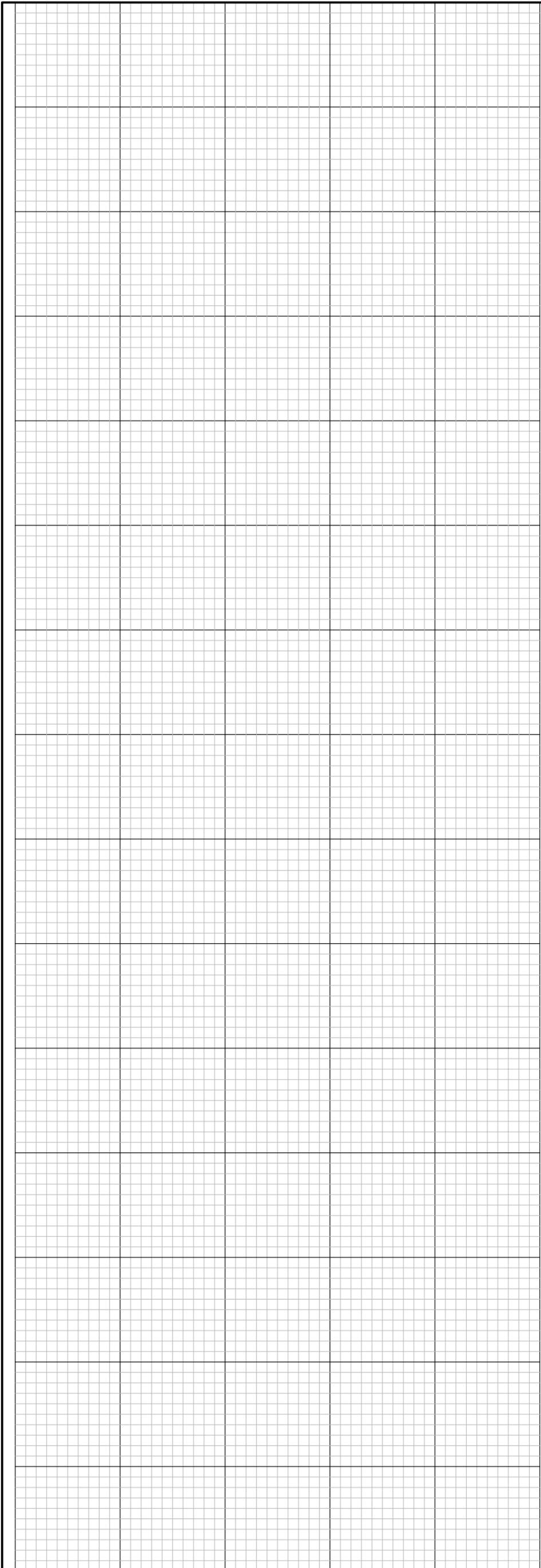
Date \_\_\_\_\_  
 Designed \_\_\_\_\_  
 Drawn JD \_\_\_\_\_ 2-2007  
 Checked \_\_\_\_\_  
 Approved by \_\_\_\_\_



HAZARD CLASS LOW  
 JOB CLASS \_\_\_\_\_

**ROOF RUNOFF WITH CURB TYPICAL SECTIONS & NOTES**

File Name \_\_\_\_\_  
 Drawing Name \_\_\_\_\_  
 Sheet 1 of 2



Sheet 2 of 2	Drawing Name	File Name	ROOF RUNOFF WITH CURB TYPICAL SECTIONS & NOTES	VERMONT
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HAZARD CLASS LOW	JOB CLASS ---
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Designed _____	Date _____
Drawn JD _____	2-2007
Checked _____	
Approved by _____	