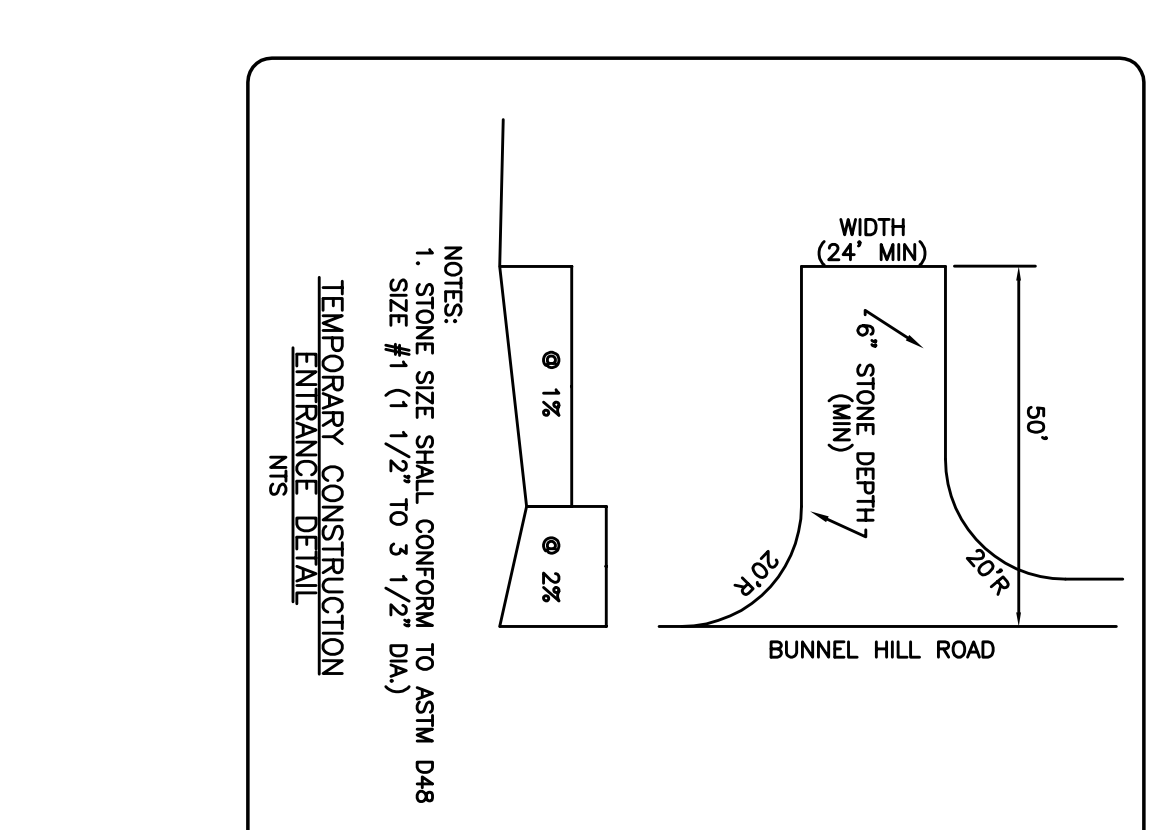
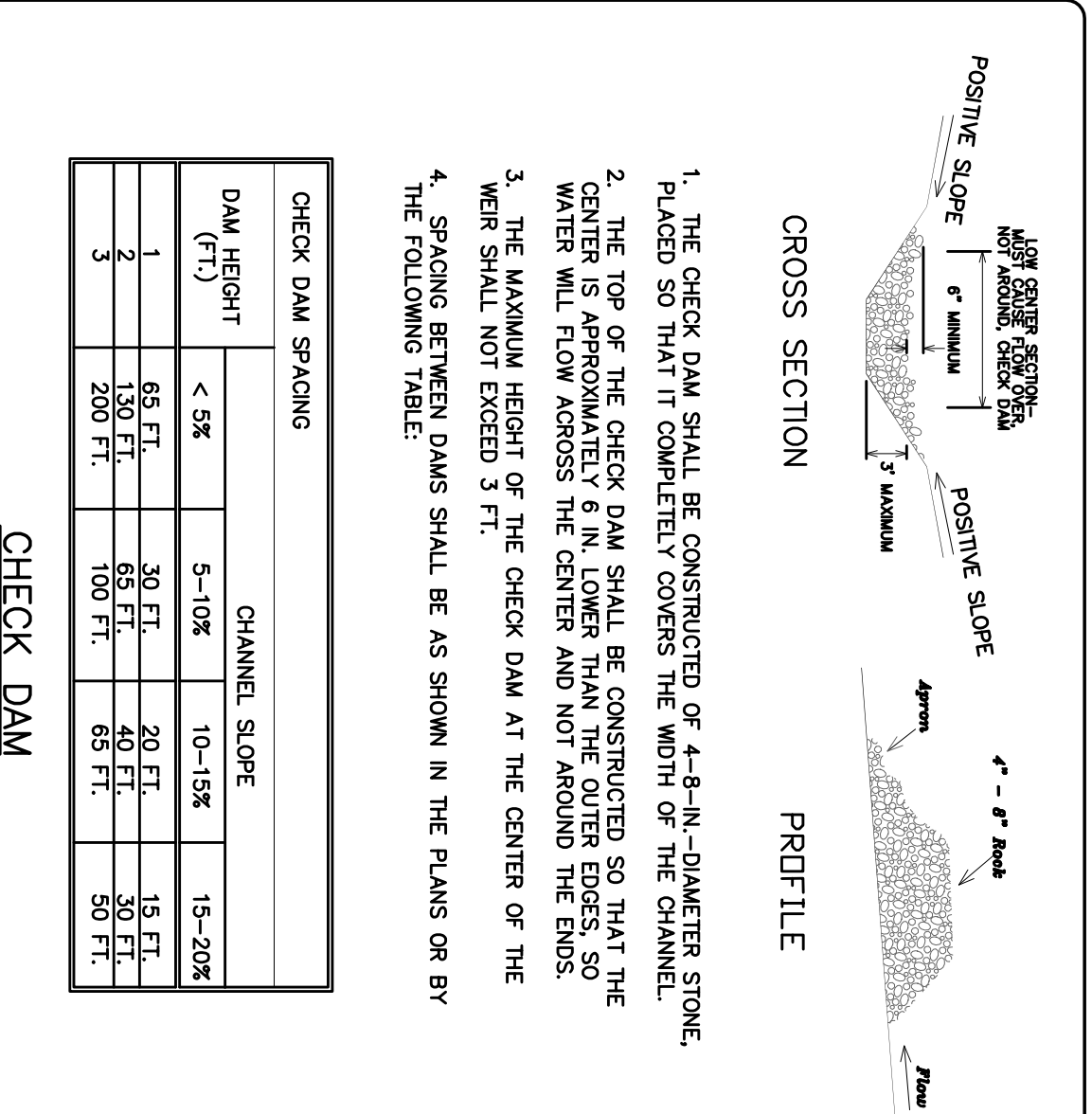
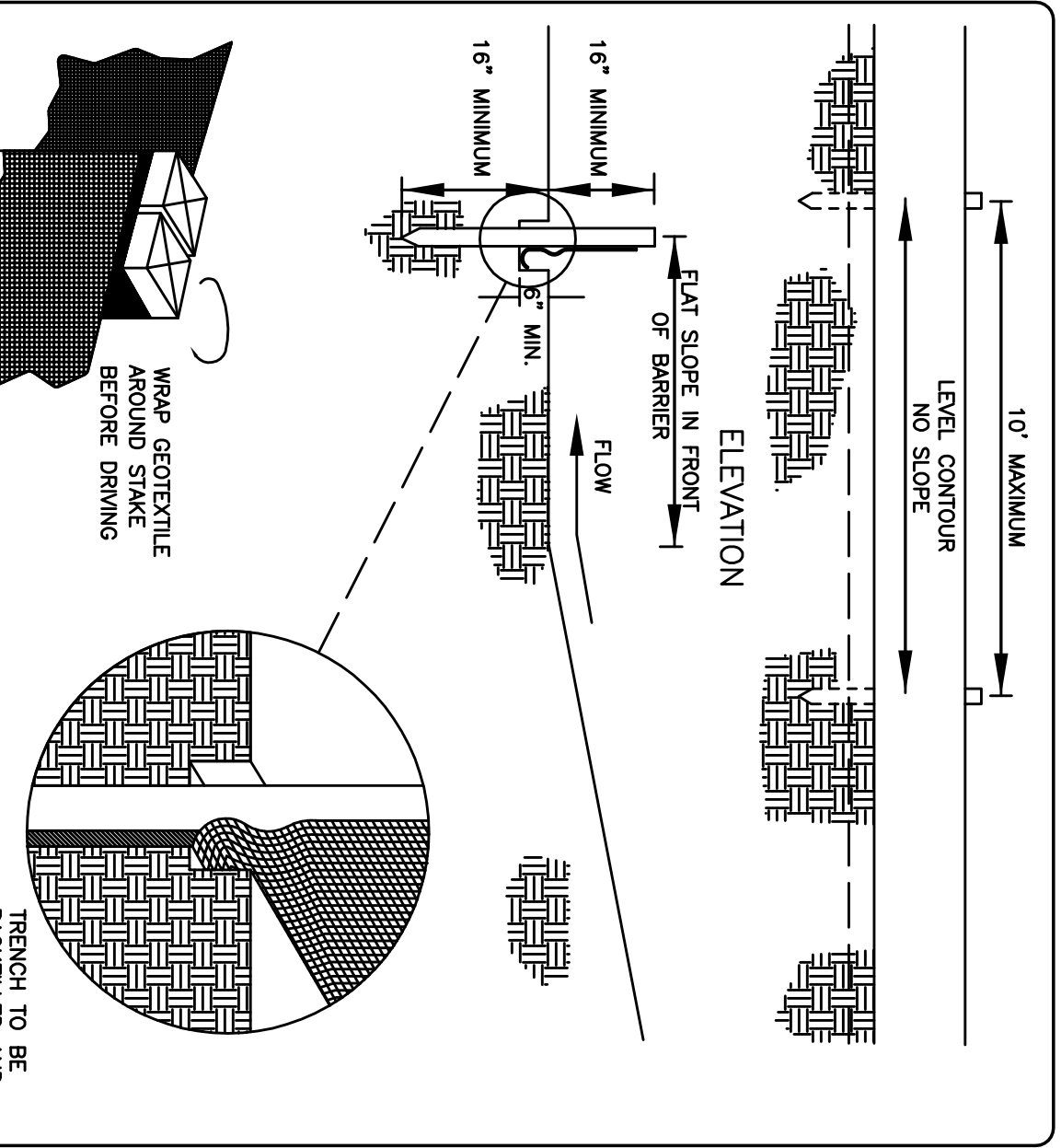


- INLET PROTECTION IN SWALES, DITCH LINES OR YARD INLETS**
- NOTES:
- 1) INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE OR AFTER THE UNDERLYING STRUCTURE BEGINS OR BEFORE THE EARTH AROUND THE INLET SHALL BE EXCAVATED COMPLETELY TO A DEPTH AT LEAST 18 IN.
 - 2) THE WOODEN FRAME SHALL BE CONSTRUCTED OF 2" X 4" FRAMES WITH 1/2" X 1/2" JOINTS. THE JOINTS SHALL BE FASTENED TOGETHER WITH 1/2" X 1/2" JOINTS. THE JOINTS SHALL BE FASTENED TOGETHER WITH 1/2" X 1/2" JOINTS.
 - 3) THE WOODEN FRAME SHALL BE CONSTRUCTED OF 2" X 4" FRAMES WITH 1/2" X 1/2" JOINTS. THE JOINTS SHALL BE FASTENED TOGETHER WITH 1/2" X 1/2" JOINTS.
 - 4) WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO WITHSTAND THE FORCE OF FLOWING WATER. THE WIRE MESH SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY TO THE FRAME.
 - 5) GEOTEXTILE SHALL HAVE AN EQUIVALENT OPENING SIZE TO THE SIZE OF THE STONE. THE GEOTEXTILE SHALL BE SPREAD TO COVER THE ENTIRE AREA OF THE INLET AND BE SECURELY FASTENED TO THE FRAME. THE GEOTEXTILE SHALL BE SPREAD TO COVER THE ENTIRE AREA OF THE INLET AND BE SECURELY FASTENED TO THE FRAME.
 - 6) THE WIRE MESH SHALL BE PLACED AROUND THE INLET IN SUCH A MANNER AS TO PREVENT THE PASSAGE OF STONE INTO THE INLET. THE WIRE MESH SHALL BE PLACED AROUND THE INLET IN SUCH A MANNER AS TO PREVENT THE PASSAGE OF STONE INTO THE INLET.
 - 7) A COMPACTED EARTH DIKE OR A CHECK DAM SHALL BE CONSTRUCTED IN THE DITCH LINE BEHIND THE INLET IF THE EARTH WILL NOT FLOW TO A SUFFICIENT POINT FROM THE TOP OF THE DIKE TO THE INLET. THE DIKE SHALL BE AT LEAST 6 IN. HIGHER THAN THE TOP OF THE FRAME.



CHECK DAM SPACING

DAM HEIGHT (FT.)	CHANNEL SLOPE
< 5'	5-10%
5-10'	10-15%
10-15'	15-20%
15-20'	20-25%
20-25'	25-30%
25-30'	30-35%
30-35'	35-40%
35-40'	40-45%
40-45'	45-50%
45-50'	50-55%
50-55'	55-60%
55-60'	60-65%
60-65'	65-70%
65-70'	70-75%
70-75'	75-80%
75-80'	80-85%
80-85'	85-90%
85-90'	90-95%
90-95'	95-100%

- NOTES:
1. STONE SIZE SHALL CONFORM TO ASTM D48
 2. STONE SIZE SHALL CONFORM TO ASTM D48
 3. STONE SIZE SHALL CONFORM TO ASTM D48
 4. STONE SIZE SHALL CONFORM TO ASTM D48

