



PROCEDURE FOR REQUESTING A WAIVER TO ALLOW LESS THAN THE MINIMUM GROUTING REQUIREMENT IN A WATER WELL

Procedure #: WWP-3

(7/16)

Narrative:

The purpose of this guidance is to outline what is required by the Kansas Department of Health and Environment, Bureau of Water (KDHE-BOW) when requesting a waiver to the minimum grouting requirement in a water well.

K.A.R. 28-30-6(b) requires that constructed or reconstructed wells be sealed by grouting the annular space between the casing and the well bore from ground level (or from below a pitless adaptor or unit) to at least 20 feet or to at least five feet into the first clay or shale layer, whichever is greater. K.A.R. 28-30-6(c) specifies that if groundwater is encountered at a depth less than the minimum grouting requirement, the grouting requirement may be modified to meet local conditions if approved by KDHE. It is understood that modification of the minimum requirement for watertight casing of 20 feet below ground surface (K.A.R. 28-30-6(f)(1) may also be necessary.

If modification to the grouting requirement is necessary solely because of shallow groundwater, which is the target of the well, a waiver of the regulations is not needed; however, the reason for modifying the grouting requirements must be indicated accordingly on the WWC-5 Form. In situations where grouting modifications are required for reasons other than shallow groundwater, a waiver for variance must be obtained following the procedure described below. The waiver request will be reviewed and notification of approval or denial provided by KDHE-BOW.

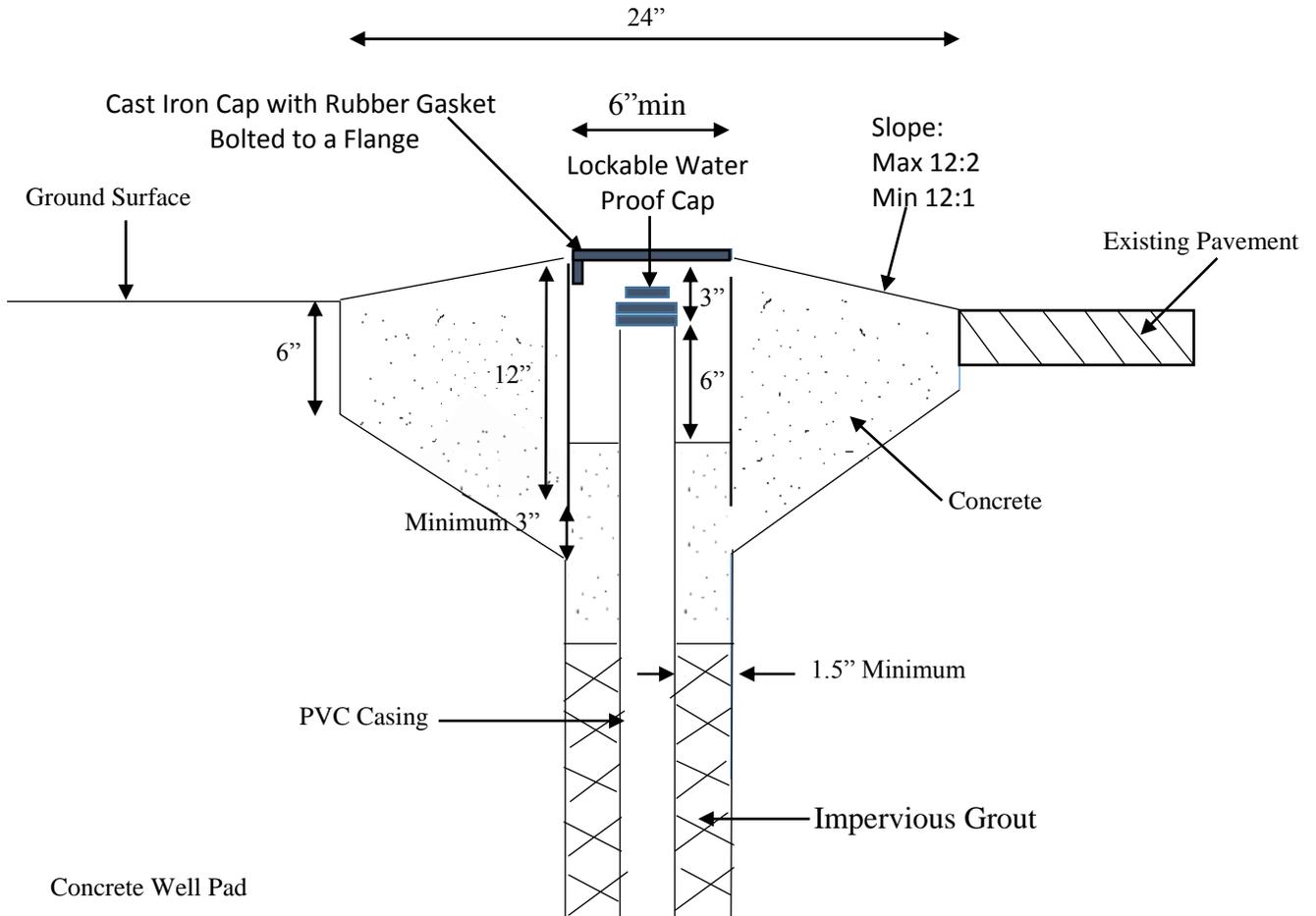
Procedure:

1. The waiver request must be submitted to KDHE in writing and shall contain all information relevant to the request, as required under K.A.R. 28-30-9;
2. The request should be made at least 30 days in advance of monitoring well installation;
3. The request for waiver must be pre-approved by the local city, county, groundwater management district and/or the local environmental protection program, in the area the waiver request is located. Documentation of the pre-approval must be provided with the waiver request;
4. The request for waiver must contain the following information:
 - a. The name and license number of the Kansas water well contractor installing the well(s);
 - b. The facility or site name, street address, and county;
 - c. Well location description(s) defining the nearest 2.5-acre quarter fraction, section, township, and range;
 - d. The well owner's name and address;
 - e. A thorough and detailed explanation of why a waiver is needed;
 - f. The number of wells to be covered by the waiver request;
 - g. Estimated depth to the water table;
 - h. A statement that the well(s) shall be grouted from ground surface (or below the pitless adaptor or unit) to within one foot above the screened interval.
5. Obtain approval of the waiver request from KDHE-BOW before constructing the well(s).
6. If granted, a copy of the letter authorizing the waiver request must be attached to the water well record (WWC-5 form) for the first well authorized and sent to the KDHE-BOW.

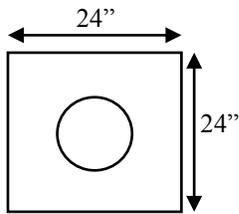
Upon abandonment, wells covered by the waiver shall be plugged in accordance with K.A.R. 28-30-7.

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
 FLUSH-MOUNT WELL CONSTRUCTION DETAIL

(Not to Scale)



Concrete Well Pad



Top View – Not to Scale

Casing Diameter	2" or less	4"
Vault Diameter	6" min	8" min
Concrete Pad	24" x 24"	24" x 24"

