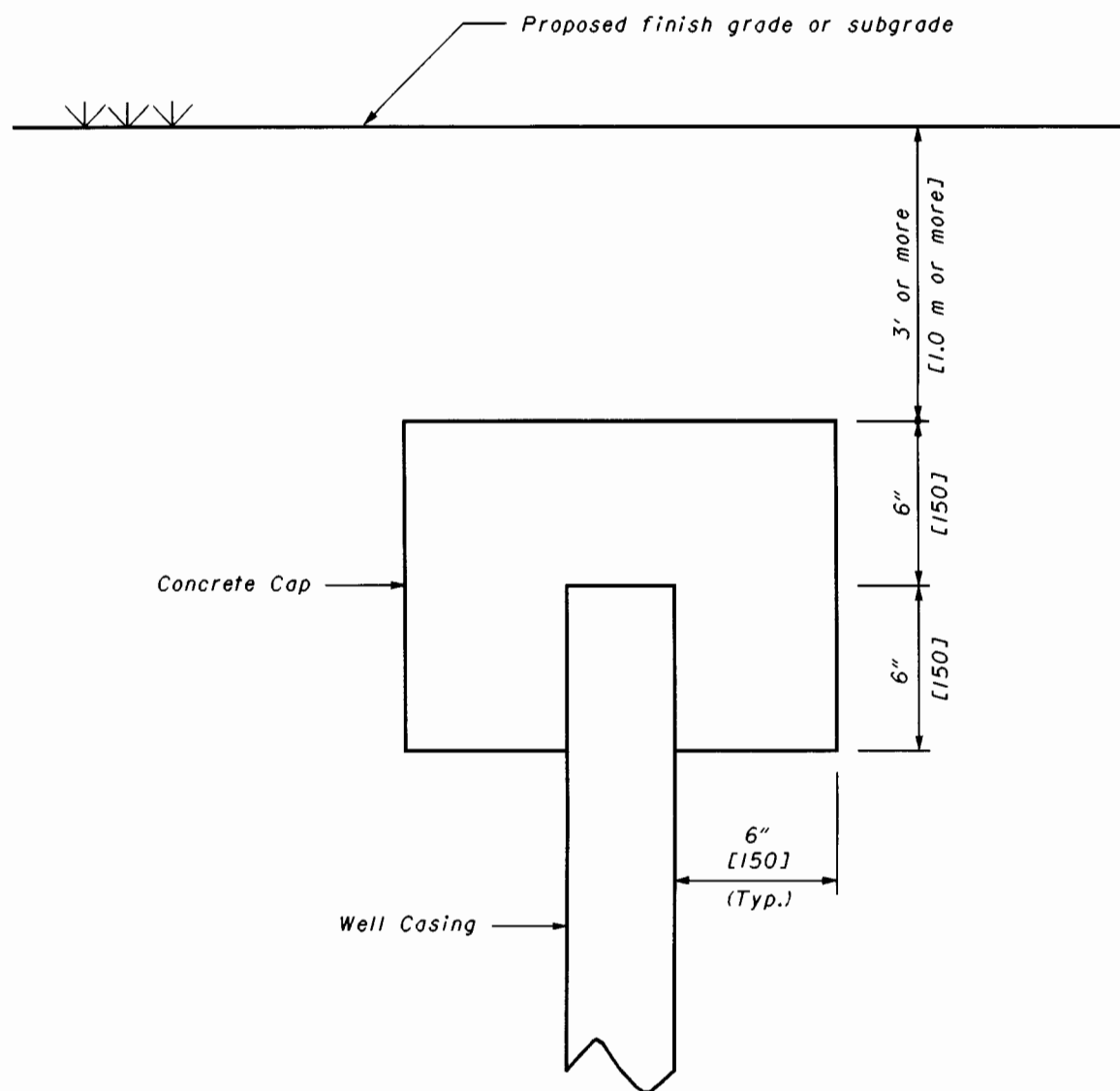


## WATER WELL CAP DETAIL



**NOTE:**  
The contractor may weld a cap on the casing or other approved method in lieu of using the concrete cap as shown.

## NOTES

### ITEM SPECIAL - DRILLED WATER WELL ABANDONED

Follow rules set forth per OAC chapter 3701-28-07 and 3701-28-071 regarding drilled water well abandonment. In addition to the OAC, the State of Ohio Technical Guidance for sealing unused wells by the State Coordinating Committee on Groundwater, dated 1996 is available for reference.

Remove and dispose of the existing concrete or stone slab well cover, pumping equipment and any other obstructions. Rip or perforate the well casing. Disinfect the well to prevent bacterial contamination of the groundwater. Cut off the casing at least 3 feet [1 meter] below the proposed finish grade outside proposed pavement areas, or at least 3 feet [1 meter] below the proposed subgrade elevation inside proposed pavement areas. Fill the well from the bottom to the top with Bentonite slurry, pellets, chips, or concrete meeting ASTM C 150 Type I, Portland Cement with no air entrainment, and then cap in accordance with the detail shown on this drawing.

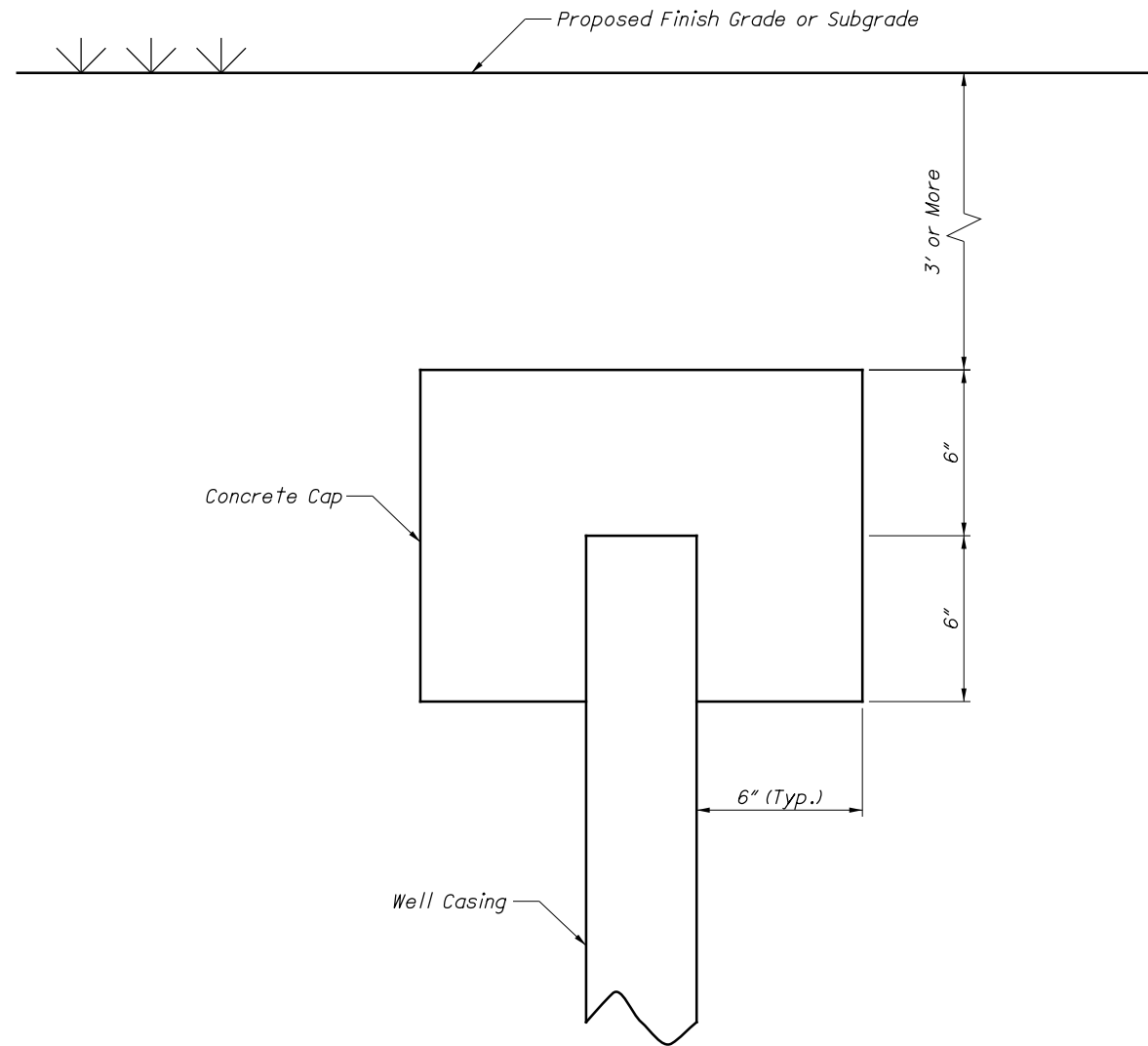
Registration as a private water systems contractor with the Ohio Department of Health is required per OAC Chapter 3701-28-20 and ORC 3701.344(B) prior to performing any work on a Water Well. Registration packets can be obtained from the Ohio Department of Health. A County issued plugging permit is required from the local Health Department per OAC 3701-28-03.

File Well Log and Water Well Sealing Report forms with the Ohio Department of Natural Resources (ODNR) as required by the Ohio Revised Code. If only sealing one well, a Well Log is not required in addition to the Water Well Sealing Report. Any additional materials required by ODNR shall be considered incidental. ODNR's address is as follows:

Ohio Department of Natural Resources  
Division of Water  
2045 Morse Road, Building B-2  
Columbus, Ohio 43229-6605  
Telephone (614) 265-6739  
Fax (614) 265-6767

The contract unit price for **Item Special, Drilled Water Well Abandoned**, shall include payment for all labor, tools materials and incidentals necessary to complete this item.

## WATER WELL CAP DETAIL



*Note:*  
The contractor may weld a cap on the casing or other approved method in lieu of using the concrete cap as shown.

### NOTES:

#### ITEM SPECIAL - DRILLED WATER WELL ABANDONED

Follow rules set fourth per OAC chapter 3701-28-071 regarding drilled water well abandonment. In addition to the OAC, the State of Ohio Technical Guidance for sealing unused wells by the State Coordinating Committee on Groundwater, dated 1996 is available for reference.

Remove and dispose of the existing concrete or stone slab well cover, pumping equipment and any other obstructions. Rip or perforate the well casing. Disinfect the well to prevent bacterial contamination of the groundwater. Cut off the casing at least 3' below the proposed finish grade outside proposed subgrade elevation inside proposed pavement areas. Fill the well from the bottom to the top with Bentonite slurry, pellets, chips, or concrete meeting ASTM C 150 Type 1, Portland Cement with no air entrainment, and then cap in accordance with the detail shown on this drawing.

Registration as private water systems contractor with the Ohio Department of Natural Resources (ODNR) as required by the Ohio Revised Code. If only sealing one well, a Well Log is not required in addition to the Water Well Sealing Report. Any additional materials required by ODNR shall be considered incidental. ODNR's address is as follows:

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The contract unit price for **Item Special, Drilled Water Well Abandoned**, shall include payment for all labor, tools materials and incidentals necessary to complete this item.

THIS DRAWING REPLACES RM-7.1 DATED 07-15-05.

STANDARD ROADWAY CONSTRUCTION DRAWING

SD NUMBER  
**RM-7.1**

**DRILLED WATER WELL ABANDONED**

**OFFICE OF  
ROADWAY  
ENGINEERING**

STATE ENGINEER  
M. Ruppe

STATE OF OHIO DEPARTMENT OF TRANSPORTATION  
*Ruybaldo Stangell*  
ADMINISTRATOR  
DATE 07-18-2014

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