



TYPICAL WATER WELL

Notes

1. Water well and pump installation shall comply with all applicable local and state regulations.
2. Excavations and all other work shall conform to OSHA regulations.
3. Electrical wiring must comply with local codes and manufacturer's requirements.
4. Pitless Adapter and waterline may be installed above the frost line only when the well is used seasonally.
5. The casing or pitless unit shall project a minimum of 12 inches above the ground surface or as noted in ND CPS 642 Water Well. If a pitless unit is not installed, the well casing shall be sealed to prevent entry of contaminants into the well.
6. When an oversized drill hole is constructed for the installation of the casing, the diameter of the drill hole shall be a minimum of 3 inches greater than the outer diameter of the casing or coupling, whichever is greater.
7. Annular space between well hole excavation and the well casing shall be filled in accordance with the requirements of ND CPS 642, Water Well.
8. Casing diameter shall be sized so that the uphole velocity is less than 5 ft/sec.
9. Only steel casing shall be used for driven wells.
10. Minimum casing strength shall be determined as described in ND CPS 642, Water Well.
11. Install screen as required by ND CPS 642, Water Well.
12. Pump intake shall not be placed inside well screen.
13. The well cap shall be removable to allow for measurement of depth to water surface or pressure.
14. After construction is complete, the well shall be disinfected per local or state requirements

DESIGN DIMENSIONS

Estimated Well Depth = _____(ft)

Required Production = _____(gpm) minimum

WELL LOCATION

1/4 SECTION TOWNSHIP RANGE

RECORD OF WELL INSTALLATION (As Built)

Name Of Landowner _____
Date Of Completion _____

Name Of Well Driller _____

Company _____

Address _____

North Dakota Century Code requires that certified water well contractors or water well pump and pitless unit installers submit the well driller's report (found in ND CC 33-18) to the ND Board of Water Well Contractors within 30 days of the construction of a water well.

I certify that this practice has been installed in accordance with these construction drawings and specifications. I approve all modifications made during construction as meeting NRCS Practice Standards, and I have documented those on these as-built drawings. I have the required Construction Job Approval Authority for all practices, and hereby certify that the installed quantities I have listed are correct based on field measurements.

NRCS Certification

Date

Date _____
Designed _____
Checked _____
Approved _____

TYPICAL WELL INSTALLATION

OWNER: _____

COUNTY: _____



Drawing Number
ND-DWG-130

Date

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