



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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