

'. This layout is schematic only.

d. Hardness

- 2. All components are to be installed according to manufacturer's specifications. 3. The UV unit and all piping is to be disinfected upon completion of work in accordance with the latest revision of
- AWWA Standard C651-05 (except for section 4.4.2). Acceptable bacteriological results must be submitted and accepted by the Putnam County Department of Health prior to the utilization of water system.

 4. Refer to the engineer's report and manufacturers specifications for detailed information regarding the UV system.

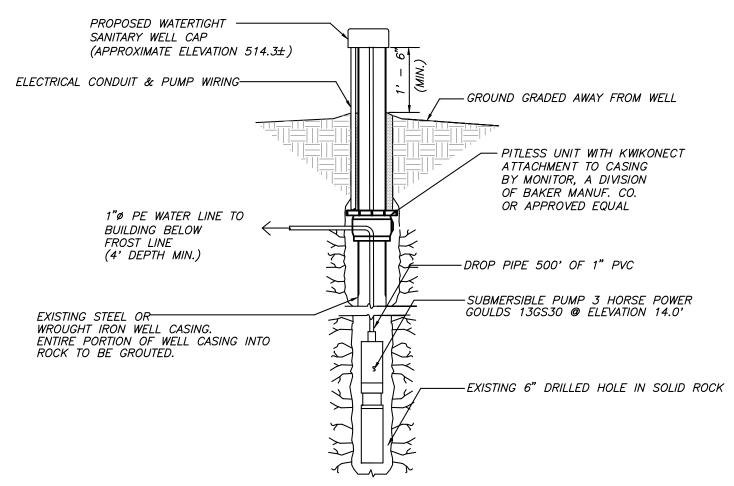
 5. UV System shall be model Hallett 30 by UV Pure. UV shall have a 27.4 GPM capacity, a 27.4 GPM flow restrictor,
- intensity meter and solenoid valve with auromatic shutoff when required intensity is not met. The UV bulb shall be replaced once a year at a minimum. a spare bulb shall be provided.
- 6. The water service room is located in the northwest corner of the building and is approximately 15' x 8'.

 Adequate space is provided in the water service room for the installation and maintenance of the proposed water system components, including UV lamp replacement.
- 7. A smooth nose sample tap shall be provided at every low point in the mechanical room for draining purposes. 8. The pipes interior to the mechanical room shall be color coded as follows:
- Well lines prior to UV olive green
- Booster pump supply and discharge line dark blue
 Water system installer shall take water samples from the proposed domestic water well to test for the following:

 Turbidity
 UV absorbance

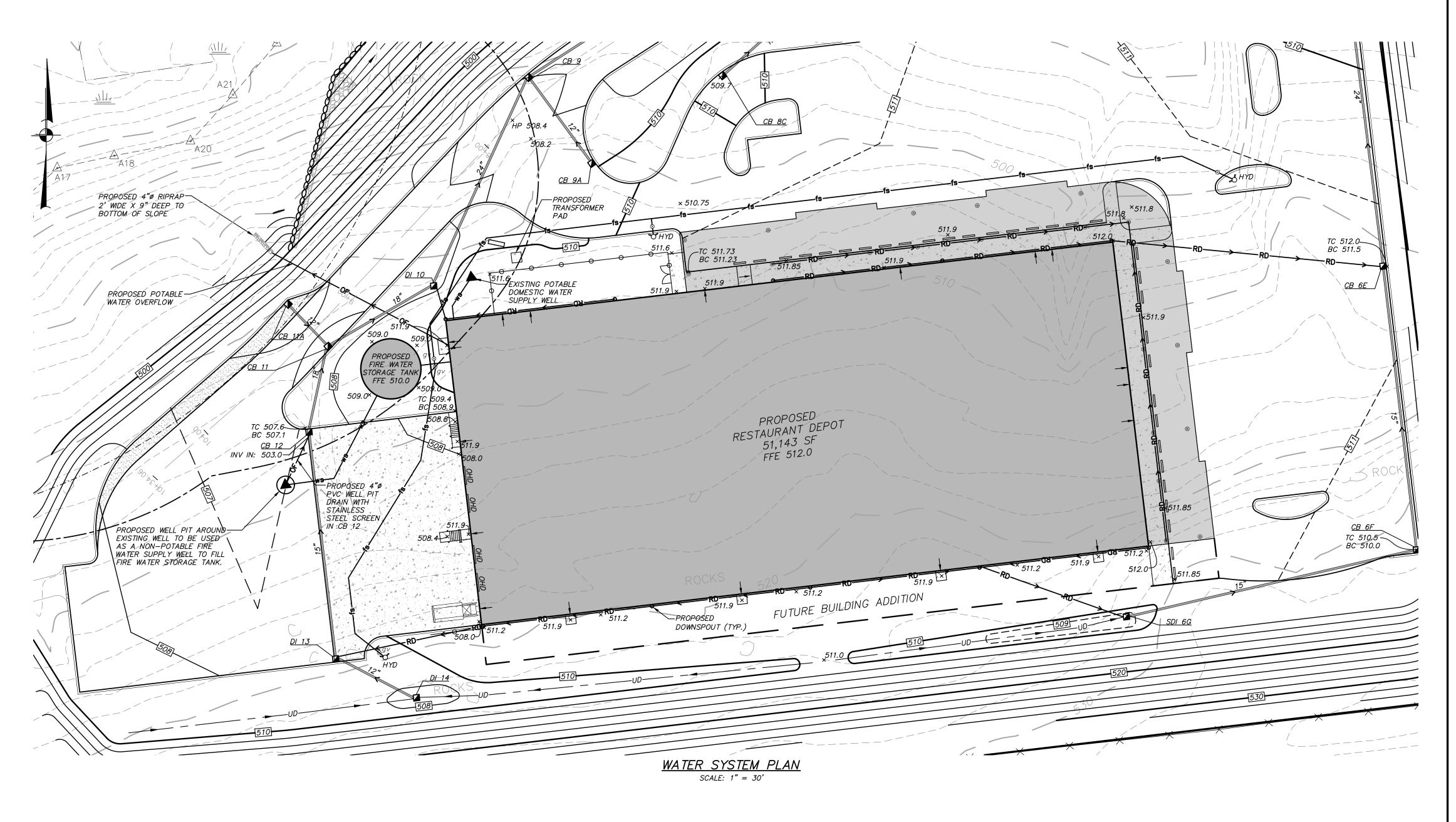
 c. UV transmittance
- 10. No water system improvements shall be installed until UV absorbance, UV transmittance and hardness of the raw water from the well are tested. Should testing warrant a different treatment than what is shown hereon, an amended approval from the PCDOH will be required. 11. All components in contact with water to be NSF 61.
- DOMESTIC WATER SERVICE MECHANICAL ROOM SCHEMATIC LAYOUT

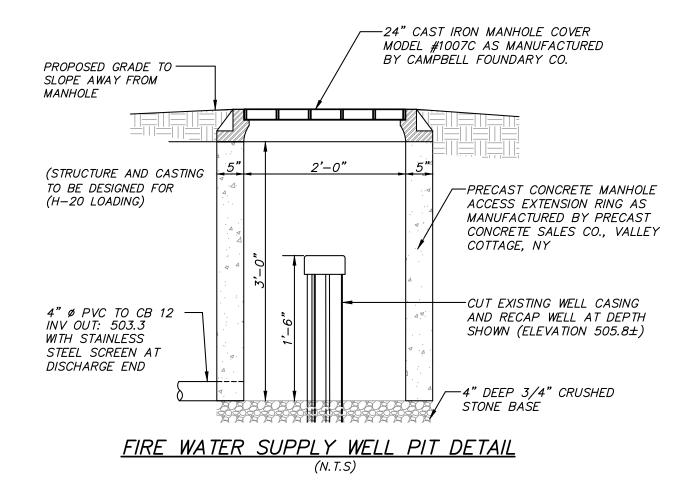
(N.T.S.)

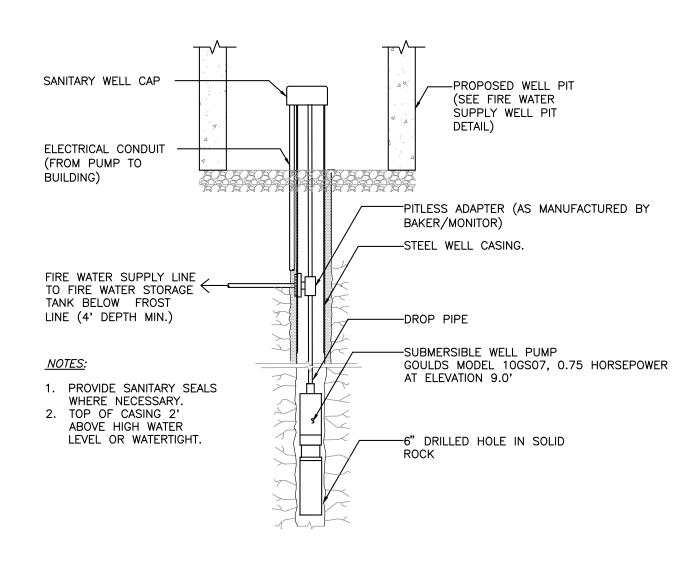


NOTES: 1. PROVIDE SANITARY SEALS WHERE NECESSARY.

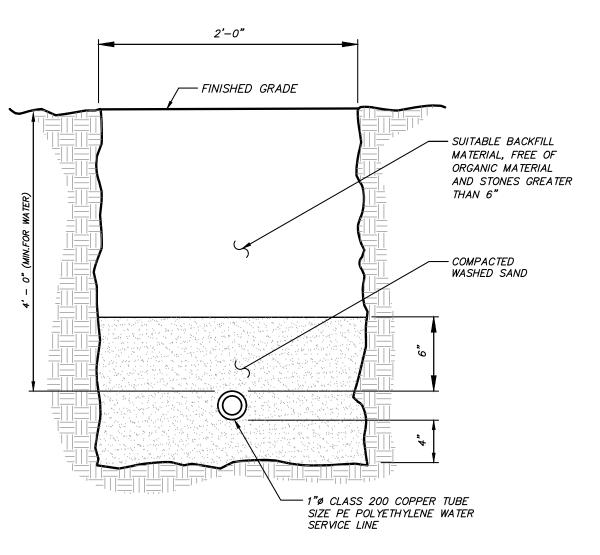
POTABLE DOMESTIC WATER SUPPLY WELL DETAIL







NON-POTABLE FIRE WATER SUPPLY WELL DETAIL



WELL SERVICE LINE TRENCH DETAIL

2 8-26-20 ISSUED FOR CONSTRUCTION 1 6-25-20 REVISED FOR PCDOH APPROVAL NO. DATE Carmel, NY 10512 (845) 225-9690 SURVEYING & (845) 225–9717 fax LANDSCAPE ARCHITECTURE, P.C. www.insite-eng.com STATELINE - RESTAURANT DEPOT U.S. ROUTE 6, TOWN OF SOUTHEAST, PUTNAM COUNTY, NEW YORK <u>DETAILS</u> GRAPHIC SCALE DRAWING NO. 20174.100 PROJECT MANAGER J. J. C. NUMBER 6-17-20 (IN FEET) CHECKED BY 1 inch = 30 ft. 1" = 30"