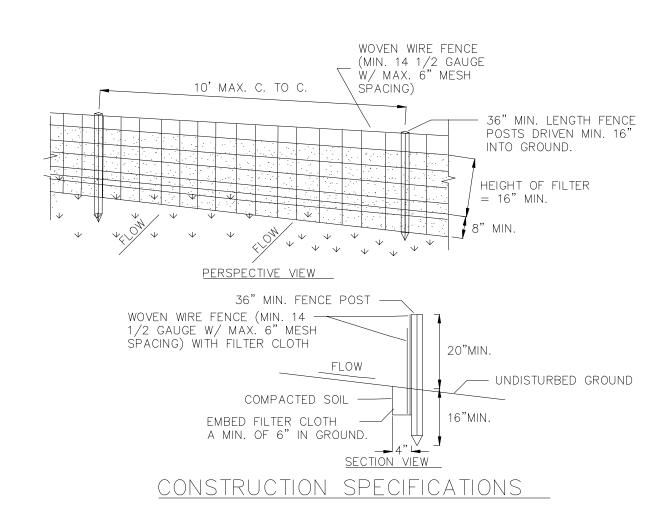


1. THE EXCAVATED TRENCH MATERIAL SHALL BE DEPOSITED AT THE SIDES OF THE TRENCHES AND USED FOR BACKFILL UNLESS DECLARED TO BE UNSUITABLE BY THE ENGINEED.

2. BACKFILLING IN THE TRENCHES IN WHICH PIPE HAS BEEN LAID SHALL BE DEVOID OF STONES LARGER THAN 3 INCHES FOR AT LEAST ONE FOOT ABOVE THE TOP OF THE PIPES.

3. UNSUITABLE EXCAVATED MATERIAL SUCH AS PEAT, MUCK, ROCK, ETC. SHALL BE REMOVED FROM THE SITE AND REPLACED WITH MATERIAL ACCEPTABLE TO THE ENGINEER. 4. TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR DENSITY, MAXIMUM 8 INCH LAYERS 5. WHERE THE PIPE TRENCH CROSSES A PAVED PARKING LOT OR OTHER TRAFFIC AREA, THE PIPE SHALL BE PROTECTED FROM FREEZING WITH A LAYER OF HIGH—R INSULATED FOAM BOARD. 6. THE PIPE SHALL PITCH TO DRAIN BACK TO THE PUMP PIT.



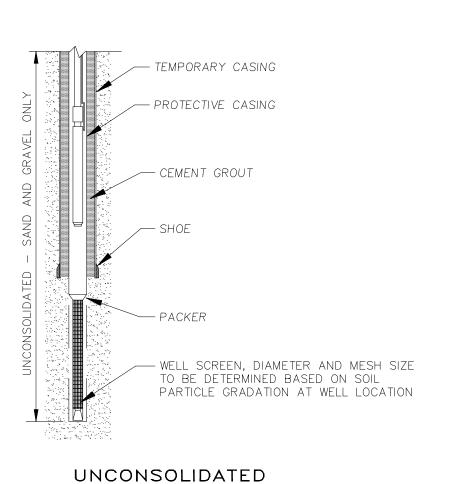


- 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- 2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.

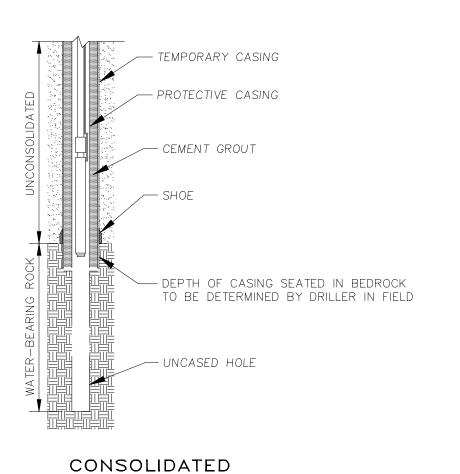
MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.

- FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING. 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X,
- 4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- 5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN





FORMATION



FORMATION

ON-SITE WATER SUPPLY - BASE SECTION DETAIL

1. THE ON-SITE PRIVATE WELL MUST BE QUALITY TESTED FOR: COLIFORM BACTERIA, LEAD, NITRATES, IRON, MANGANESE, SODIUM, pH, HARDNESS, ALKALINITY, NITRITES, FLUORIDE, COLOR, AND TURBIDITY. THE WELL MUST BE YIELD TESTED AT A CONSTANT FLOW RATE DURING DRAW DOWN AND THROUGHOUT A 4 HOUR STABILIZED WATER LEVEL PERIOD TO VERIFY A MINIMUM OF 5 GALLONS PER MINUTE WELL YIELD. 3. IF A WELL TEST PARAMETER RESULT EXCEEDS A MAXIMUM CONTAMINANT LEVEL (MCL) CONTAINED IN 10 NYCRR PART 5, THE PARAMETERS LISTED ON PAGE 52 OF APPENDIX 5-B RURAL WATER SUPPLY OR A WELL YIELD LESS THAN 5 GALLONS PER MINUTE AN AMENDED DESIGN FOR TREATMENT OR WATER SUPPLY MUST BE SUBMITTED TO THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) DISTRICT OFFICE AND THE LOCAL AUTHORITY PRIOR TO RECEIVING A BUILDING PERMIT. 4. WELLS THAT HAVE TURBIDITY LEVELS IN EXCESS OF 5 NTU ARE NOT CONSIDERED AS ACCEPTABLE/TREATABLE WATER SOURCES. WELLS THAT EXCEED 5 NTU AT INITIAL DRILLING (EXCLUSIVE OF OXIDIZED IRON AND MANGANESE) BUT CAN BE PROVEN

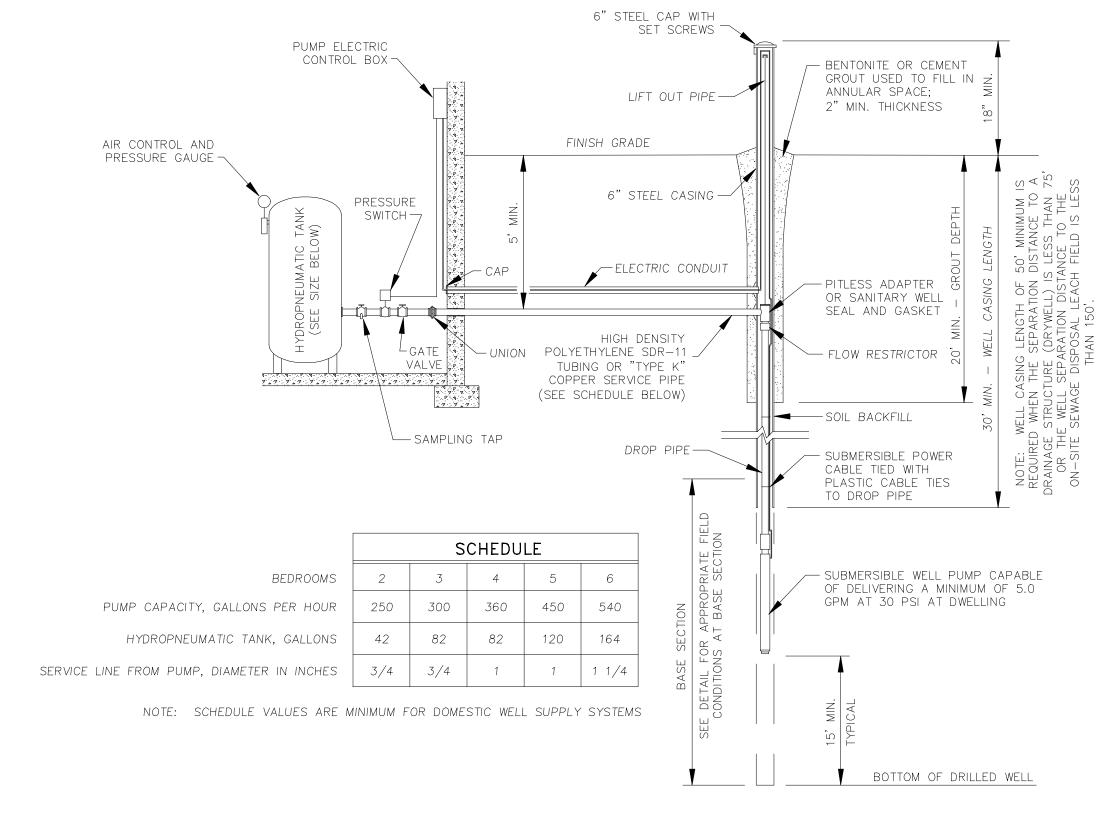
TO PRODUCE WATER LESS THAN 5 NTU BY ADDITIONAL DEVELOPMENT AND CONTROLLED PUMP RATE ARE ACCEPTABLE. NO WELL SYSTEM IS TO BE DESIGNED TO BE PUMPED AT A RATE HIGHER THAN ITS PROVEN YIELD. 5. CORROSIVITY TEST SHALL BE PERFORMED ON THE WELLS AS AN INDICATOR OF THE POTENTIAL FOR THE WELL WATER TO EXHIBIT CORROSIVE TENDENCIES. THE WELLS IN THIS AREA ARE NOT KNOWN TO REQUIRE CORROSION TREATMENT, BUT THE HOMEOWNER MUST BE PROVIDED WITH THE RESULTS OF THE TEST AND INFORMED THERE IS NO VERIFICATION THAT TREATMENT WILL OR WILL NOT BE REQUIRED. WELL WATERS WITH CORROSIVE TENDENCIES THAT REQUIRE TREATMENT WILL ONLY BE INDICATED IN THE FUTURE AS A RESULT OF CONTINUAL USE OF THE WELL.

6. THE WELL WILL BE DRILLED, THE WATER QUALITY/YIELD INFORMATION FOR A LOT REVIEWED/CERTIFIED FOR COMPLIANCE AND SUBMITTED TO THE NYSDOH AND THE LOCAL AUTHORITY A MINIMUM OF 30 DAYS PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY. A SIGNED STATEMENT BY THE HOMEOWNER ACKNOWLEDGING RECEIPT OF THE WELL QUALITY, YIELD RESULTS AND THE NOTIFICATION OF THE NEED FOR ANY ADDITIONAL TREATMENT TO ADDRESS AESTHETIC PROBLEMS WITH THE WELL MUST BE SUBMITTED TO THE NYSDOH AND THE MUNICIPALITY PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY. FAILURE TO PROVIDE PROPER CERTIFICATIONS WILL BE GROUNDS TO DENY CERTIFICATES OF OCCUPANCY.

. WATER CONTAINING MORE THAN 20 MG/L OF SODIUM SHOULD NOT BE USED FOR DRINKING BY PEOPLE ON SEVERELY RESTRICTED SODIUM DIETS. WATER CONTAINING MORE THAN 270 MG/L OF SODIUM SHOULD NOT BE USED FOR DRINKING BY PEOPLE ON MODERATELY RESTRICTED DIETS. 8. POST CONSTRUCTION SAMPLING OF THE WATER SYSTEM FOR COLIFORM BACTERIA MUST BE CONDUCTED AND THE RESULTS SUBMITTED TO THE NYSDOH AND THE MUNICIPALITY PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY. 9. THE TERM "SANITARY FACILITIES" USED IN THE NYSDOH CONDITIONS OF APPROVAL REFER TO BOTH WATER SUPPLY AND 10. THE ON-SITE PRIVATE WELL SYSTEM IS REQUIRED TO HAVE A TOTAL STORAGE CAPACITY OF 400 GALLONS, MINIMUM, EITHER

ON-SITE WATER SUPPLY - DETAIL NOTES

IN THE WELL CASING OR OTHER APPROVED STORAGE TANK VOLUME.



ON-SITE WATER SUPPLY - SCHEMATIC DETAIL

Designed By | TW Drawn By Checked By Approved By Filename 24-412 Project No. Project Date

7 D

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4 of 4 Drawing No. WE-004

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SARATOGA COUNTY TAX MAP #91-1-29.1