

### EROSION CONTROL STANDARD NOTES

1. EXCAVATION, FILLING, GRADING AND STRAPPING SHALL BE PERMITTED TO BE UNDERTAKEN ONLY IN SUCH LOCATIONS AND IN SUCH A MANNER AS TO MINIMIZE THE POTENTIAL OF EROSION AND SEDIMENT AND THE THREAT TO THE HEALTH, SAFETY AND WELFARE OF NEIGHBORING PROPERTY OWNERS AND THE GENERAL PUBLIC.
2. SITE PREPARATION AND CONSTRUCTION SHALL BE FITTED TO THE VEGETATION, TOPOGRAPHY AND OTHER NATURAL FEATURES OF THE SITE AND SHALL PRESERVE AS MANY OF THESE FEATURES AS FEASIBLE.
3. THE CONTROL OF EROSION AND SEDIMENT SHALL BE A CONTINUOUS PROCESS UNDERTAKEN AS NECESSARY PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION.
4. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED BY SITE PREPARATION AT ANY GIVEN TIME.
5. THE EXPOSURE OF AREAS BY SITE PREPARATION SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME PRIOR TO THE CONSTRUCTION OF STRUCTURES OR IMPROVEMENTS OR THE RESTORATION OF THE EXPOSED AREAS TO AN ATTRACTIVE NATURAL CONDITION.
6. MULCHING OR TEMPORARY VEGETATION SUITABLE TO THE SITE SHALL BE USED WHERE NECESSARY TO PROTECT AREAS EXPOSED BY SITE PREPARATION, AND PERMANENT VEGETATION WHICH IS WELL ADAPTED TO THE SITE SHALL BE INSTALLED AS SOON AS PRACTICAL.
7. WHERE SLOPES ARE TO BE REVEGETATED IN AREAS EXPOSED BY SITE PREPARATION, THE SLOPES SHALL NOT BE OF SUCH STEEPNESS THAT VEGETATION CANNOT BE READILY ESTABLISHED OR THAT PROBLEMS OF EROSION OR SEDIMENT MAY RESULT.
8. SITE PREPARATION AND CONSTRUCTION SHALL NOT ADVERSELY AFFECT THE FREE FLOW OF WATER BY ENCROACHING ON, BLOCKING OR RESTRICTING WATERCOURSES.
9. ALL FILL MATERIAL SHALL BE COMPOSITION SUITABLE FOR THE ULTIMATE USE OF THE FILL, FREE OF RUBBISH AND CAREFULLY RESTRICTED IN ITS CONTENT OF BRUSH, STUMPS, TREE DEBRIS, ROCKS, FROZEN MATERIAL AND SOFT OR EASILY COMPRESSIBLE MATERIAL.
10. FILL MATERIAL SHALL BE COMPACTED SUFFICIENTLY TO PREVENT PROBLEMS OF EROSION, AND WHERE THE MATERIAL IS TO SUPPORT STRUCTURES, IT SHALL BE COMPACTED TO A MINIMUM OF NINETY PERCENT (90%).
11. ALL TOPSOIL WHICH IS EXCAVATED FROM A SITE SHALL BE STOCKPILED AND USED FOR THE RESTORATION OF THE SITE, AND SUCH STOCKPILES WHERE NECESSARY, SHALL BE SEEDED OR OTHERWISE TREATED TO MINIMIZE THE EFFECTS OF EROSION.
12. PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION, AN INTEGRATED DRAINAGE SYSTEM SHALL BE PROVIDED WHICH AT ALL TIMES MINIMIZES EROSION, SEDIMENT, HAZARDS OF SLOPE INSTABILITY AND ADVERSE EFFECT ON NEIGHBORING PROPERTY OWNERS.
13. THE NATURAL DRAINAGE SYSTEM SHALL GENERALLY BE PRESERVED IN PREFERENCE TO MODIFICATIONS OF THIS SYSTEM, EXCEPTING WHERE SUCH MODIFICATIONS ARE NECESSARY TO REDUCE LEVELS OF EROSION AND SEDIMENT AND ADVERSE EFFECTS ON NEIGHBORING PROPERTY OWNERS.
14. ALL DRAINAGE SYSTEMS SHALL BE DESIGNED TO HANDLE ADEQUATELY ANTIQUATED FLOWS, BOTH WITHIN THE SITE AND FROM THE ENTIRE UPSTREAM DRAINAGE BASIN.
15. SUFFICIENT GRADES AND DRAINAGE FACILITIES SHALL BE PROVIDED TO PREVENT THE PONDING OF WATER, UNLESS SUCH PONDING IS PROPOSED WITHIN SITE PLANS, IN WHICH EVENT THERE SHALL BE SUFFICIENT WATER FLOW TO MAINTAIN PROPOSED WATER LEVELS AND TO AVOID STAGNATION.
16. THERE SHALL BE PROVIDED WHERE NECESSARY TO MINIMIZE EROSION AND SEDIMENT SUCH MEASURES AS BEACHES, BERMAS, TERRACES, DIVERSIONS AND SEDIMENT TRAPS, AND RETENTION BASINS.
17. DRAINAGE SYSTEMS, PAVING AND OTHER EROSION AND SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED AS FREQUENTLY AS NECESSARY TO PROVIDE ADEQUATE PROTECTION AGAINST EROSION AND SEDIMENT AND TO ENSURE THAT THE FREE FLOW OF WATER IS NOT OBSTRUCTED BY THE ACCUMULATION OF SILT, DEBRIS OR OTHER MATERIAL OR BY STRUCTURAL DAMAGE.

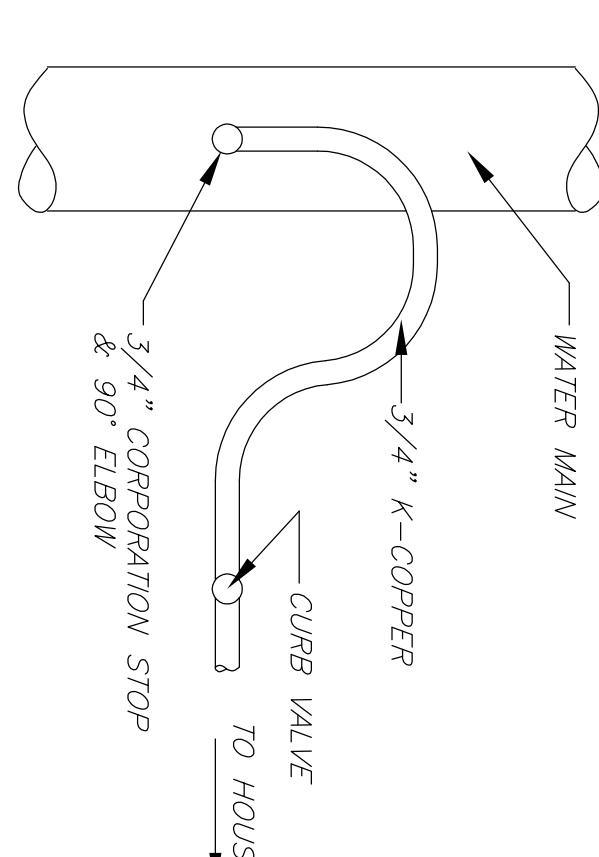
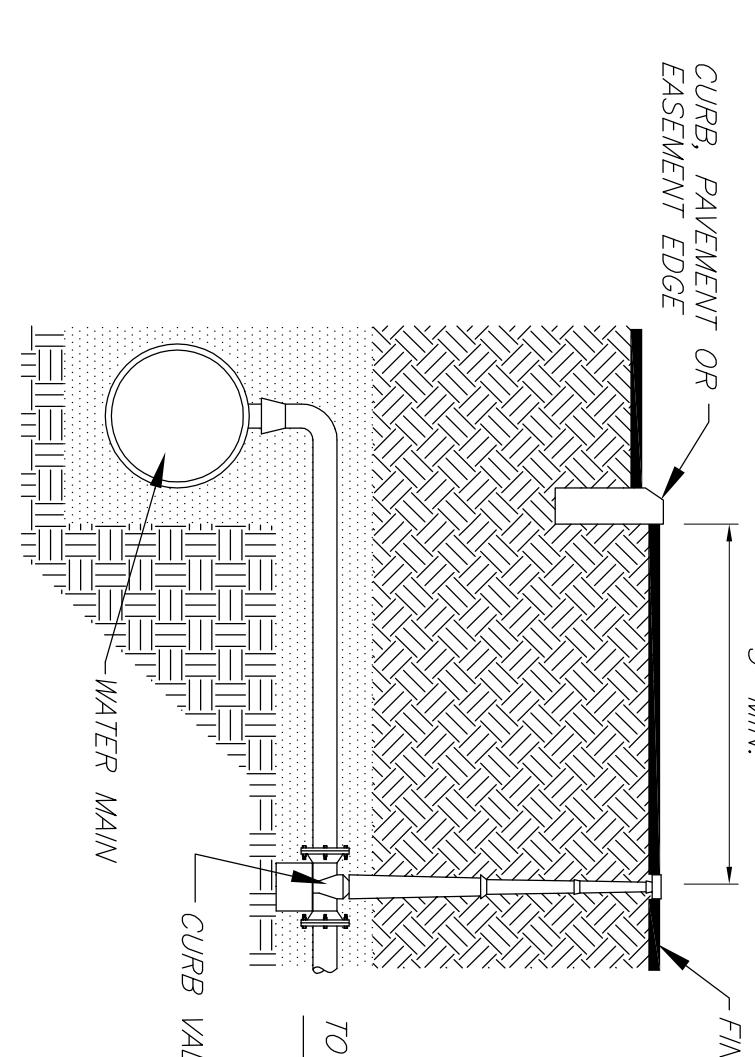
### TEMPORARY VEGETATION NOTES

TEMPORARY VEGETATION SHALL BE USED TO PROTECT AREAS IN EXCESS OF 1/2 AC. EXPOSED FOR A PERIOD OVER (2) WEEKS BEFORE OR DURING DEVELOPMENT.

1. GRAIN SEED AND 12" LON OF HAY, MULCH, FEE ARE OR ON AREAS THAT WILL BE EXPOSED FOR SHORT PERIODS OF TIME, AND WHERE WEATHER CONDITIONS ARE CONDUCIVE TO ARBOURINE SAND TRAPS TO CONTROL SUCH SAND SHALL BE INSTALLED AS DIRECTED.
2. ON AREAS SUCH AS TEMPORARY ROADWAYS, WHEN DRY CONDITIONS PREVAIL, THE CONTRACTOR SHALL BE REQUIRED TO APPLY WATER OR CALCIUM CHLORIDE AS REQUIRED TO PREVENT DUST DURING CONSTRUCTION ACTIVITIES.

### TOWN OF MARLBOROUGH WATER SERVICE NOTES

1. CONSTRUCTION OF PORTABLE WATER UTILITIES AND CONNECTION TO THE TOWN OF MARLBOROUGH, ALL WORK AND WATER SYSTEM REQUIRES A PERMIT FROM THE TOWN OF MARLBOROUGH WATER DEPARTMENT. ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE NYSDOH AND THE TOWN OF MARLBOROUGH.
2. ALL WATER SERVICE LINES FOUR (4) INCHES AND LARGER IN DIAMETER SHALL BE CEMENT LINED CLASS 52 DUCTILE IRON PIPE CONFORMING TO ANSI/AWWA C151/A21.5-97 FOR DUCTILE IRON PIPE JOINTS SHALL BE EITHER PUSH-ON OR MECHANICAL JOINT AS REQUIRED.
3. THRUST RESTRAINT OF THE PIPE SHALL BE THROUGH THE USE OF JOINT RESTRAINT, THRUST BLOCKS ARE NOT ACCEPTABLE. JOINT RESTRAINT SHALL BE THROUGH THE USE OF MECHANICAL JOINT PIPE WITH RETAINER GLANDS. ALL FITTINGS AND VALVES SHALL BE INSTALLED WITH RETAINER GLANDS FOR JOINT RESTRAINT. RETAINER GLANDS SHALL BE EBA IRON MEGAUG SERIES 1100 OR APPROVED EQUAL, OR APPROVED EQUAL, THE USE OF A MANUFACTURED RESTRAINED JOINT PIPE IS ACCEPTABLE WITH OR APPROVED EQUAL.
4. ALL FITTINGS SHALL BE CAST IRON OR DUCTILE IRON, MECHANICAL JOINT, CLASS 250 AND CONFORM TO ANSI/AWWA C170/A21.10-87 FOR DUCTILE AND GRAY IRON FITTINGS OR ANSI/AWWA C151/A21.5-94 FOR DUCTILE IRON COMPACT FITTINGS.
5. ALL VALVES 4" TO 12" INCHES SHALL BE RESILIENT WEDGE GATE FITTINGS CONFORMING TO ANSI/AWWA C503, SUCH AS MUELLER MODEL T-260-19 OR APPROVED EQUAL. ALL TAPPING SLEEVES AND VALVES SHALL BE TESTED TO 150 PSI MINIMUM. TESTING OF THE TAPPING SLEEVE AND VALVE MUST BE WITNESSED AND ACCEPTED BY THE TOWN OF MARLBOROUGH WATER DEPARTMENT PRIOR TO CUTTING INTO THE PIPE.
6. ALL PIPE INSTALLATION SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF MARLBOROUGH WATER DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS AS REQUIRED WITH THE TOWN OF MARLBOROUGH WATER DEPARTMENT.
7. THE WATER MAIN SHALL BE TESTED, DISINFECTED AND FLUSHED IN ACCORDANCE WITH THE TOWN OF MARLBOROUGH REQUIREMENTS. ALL TESTING, DISINFECTION AND FLUSHING SHALL BE COORDINATED WITH THE TOWN OF MARLBOROUGH WATER DEPARTMENT. PRIOR TO PUTTING THE WATER MAIN IN SERVICE SATISFACTORY SANITARY RESULTS FROM A CERTIFIED LAB MUST BE SUBMITTED TO THE TOWN OF MARLBOROUGH WATER DEPARTMENT. THE TEST SAMPLES MUST BE COLLECTED BY THE WATER DEPARTMENT LABORATORY AND WITNESSED BY THE WATER DEPARTMENT.
8. ALL WATER SERVICE LINES TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING. CORPORATION STOPS SHALL BE MUELLER H-15020 FOR 3/4 AND 1 INCH, MUELLER H-15000 OR B-2500 FOR 1 1/2 AND 2 INCH SIZES. CURB VALVES 1 1/2" CURB BOXES SHALL BE FOR 3/4 AND 1 INCH AND MUELLER H-25204 FOR 1 1/2 AND 2 INCH SIZES. MUELLER H-1014 FOR 1 1/2 AND 2 INCH SIZES. MUELLER H-1010 FOR 1 1/2 AND 2 INCH SIZES.
9. AN AS-BUILT LOCATION SHALL BE PROVIDED TO THE TOWN OF MARLBOROUGH.
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### SECTION

WATER SERVICE CONNECTION DETAIL  
N.T.S.

### PLAN

N.T.S.

### REVISIONS

REV.: DATE: BY: DESCRIPTION:

### DETAILS

PROPOSED SUBDIVISION ENTITLED  
QIAN PLATTEKILL ROAD, 106-2-7-32-22

TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK

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