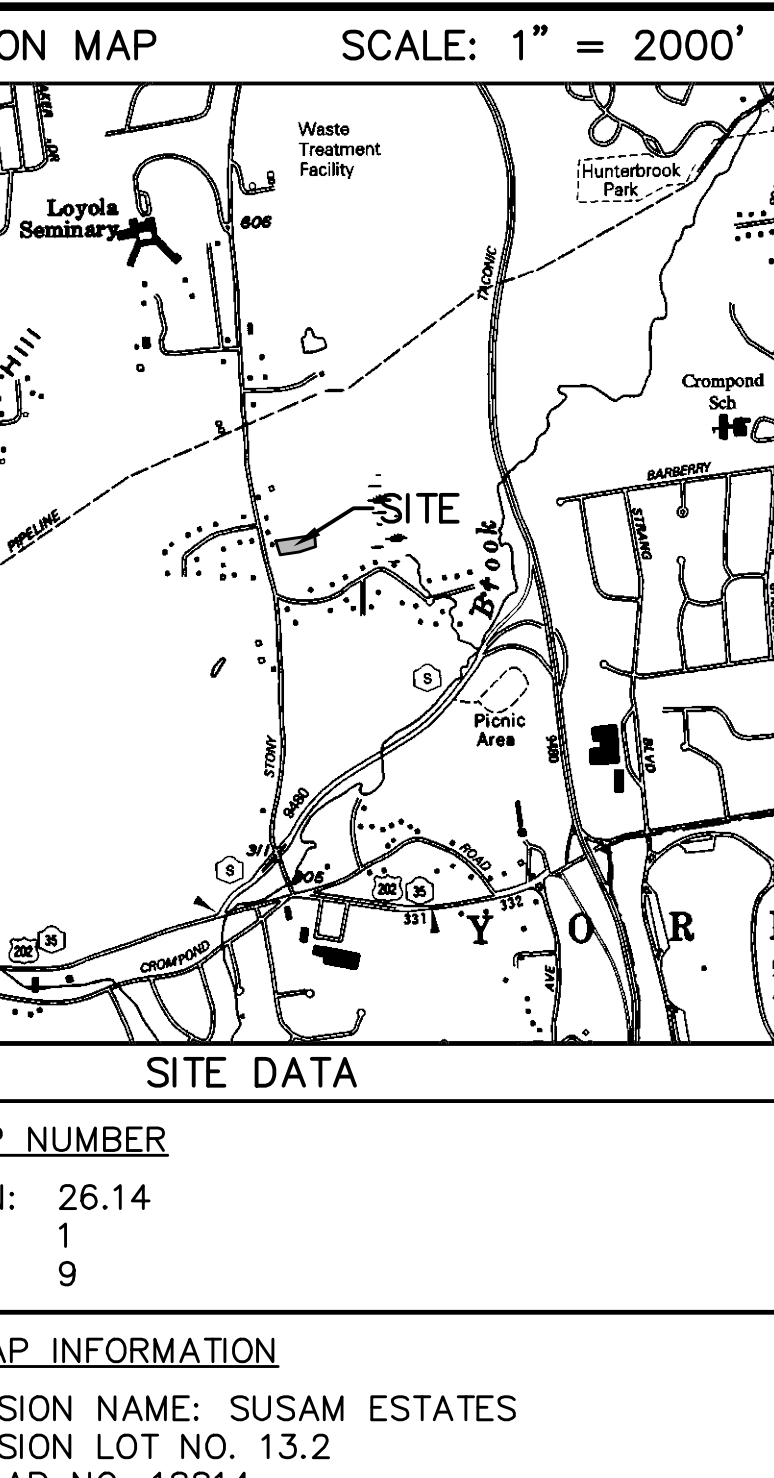
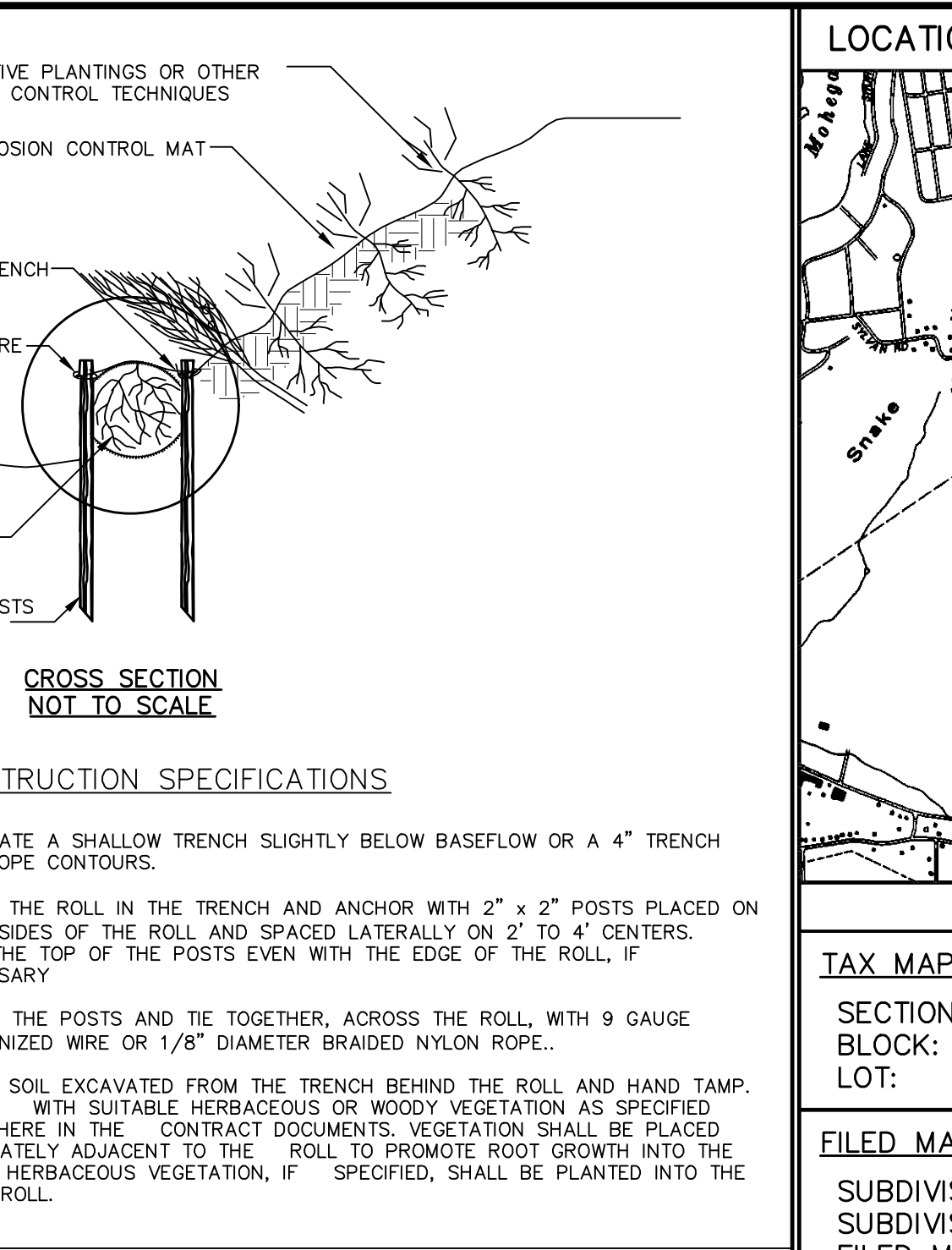
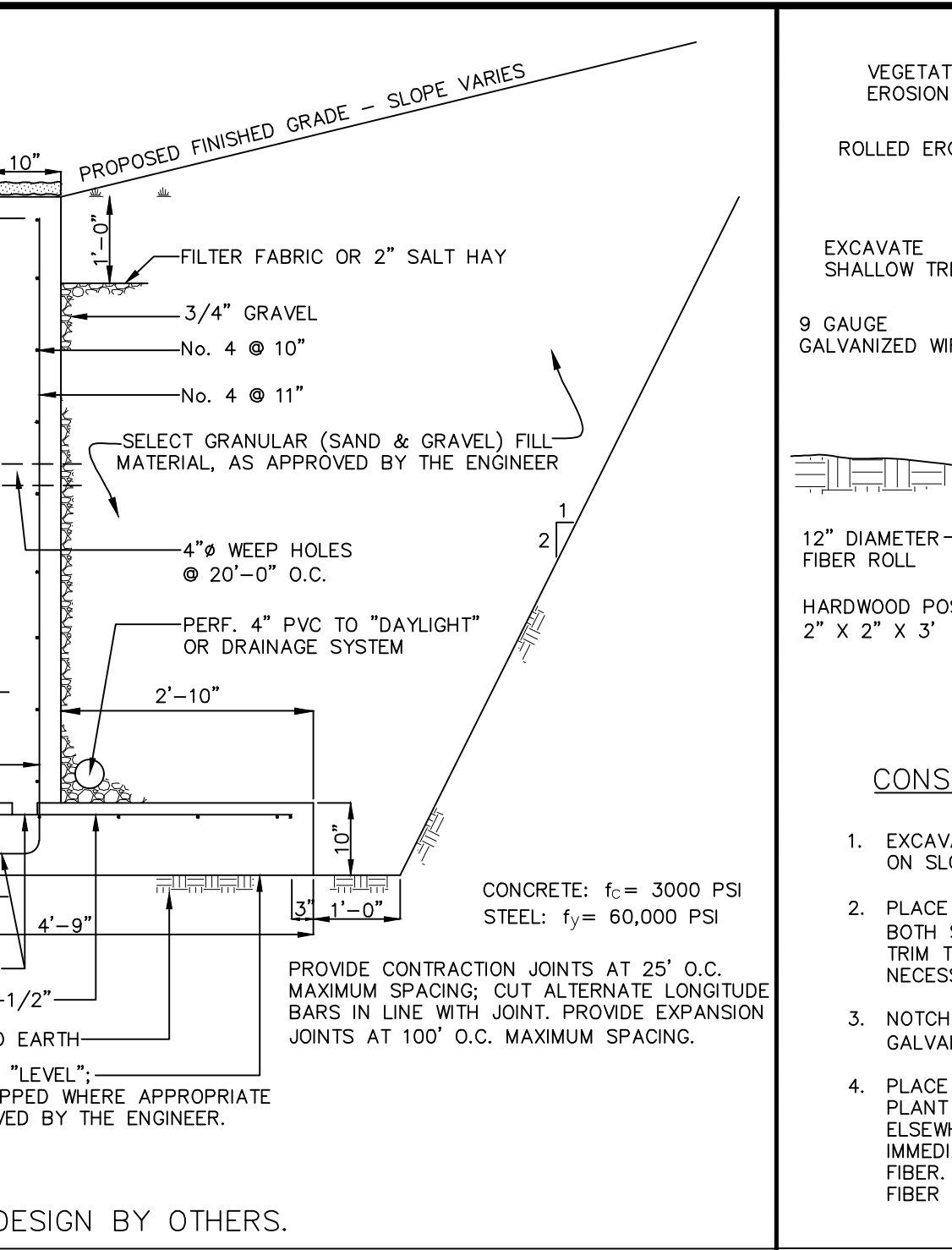
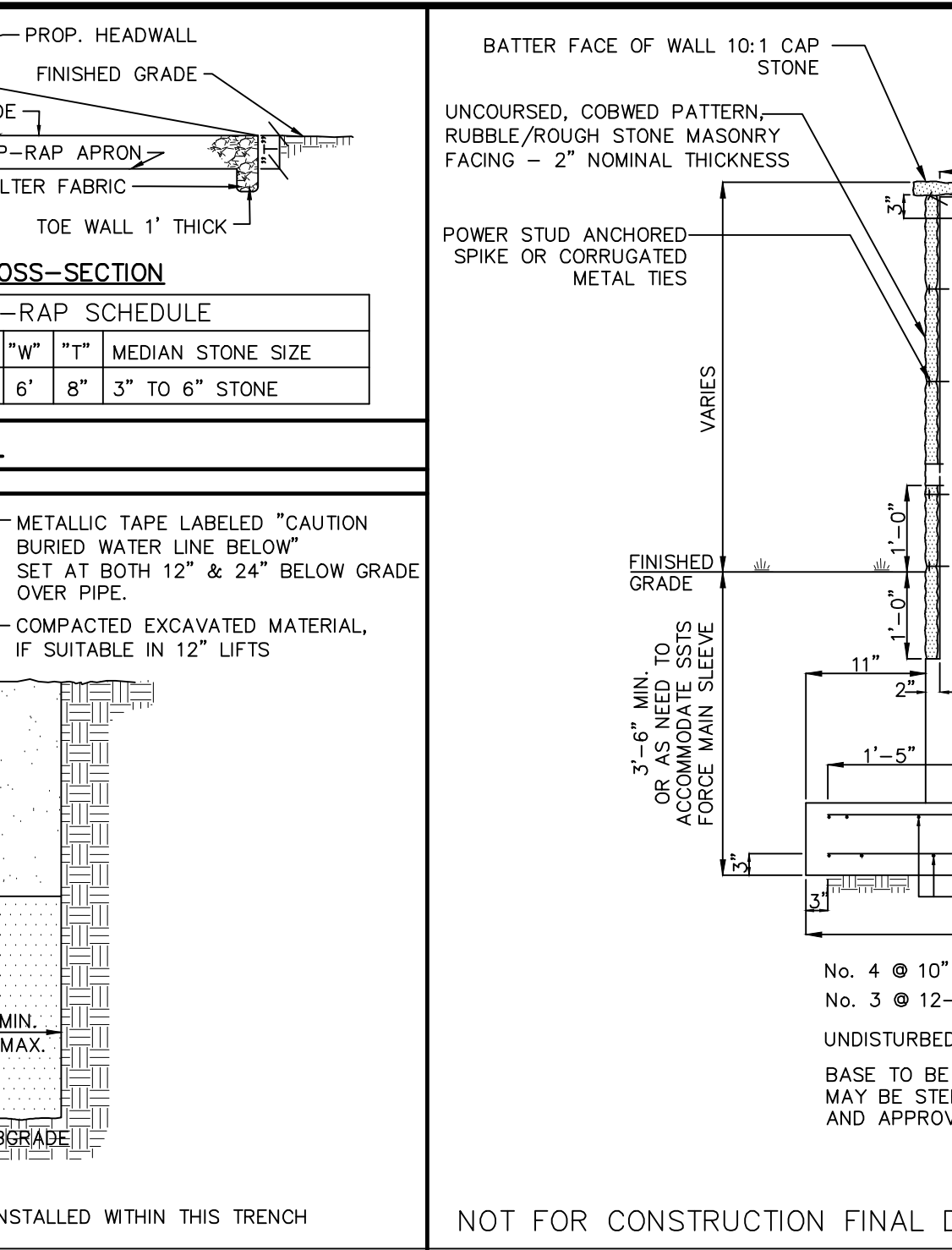
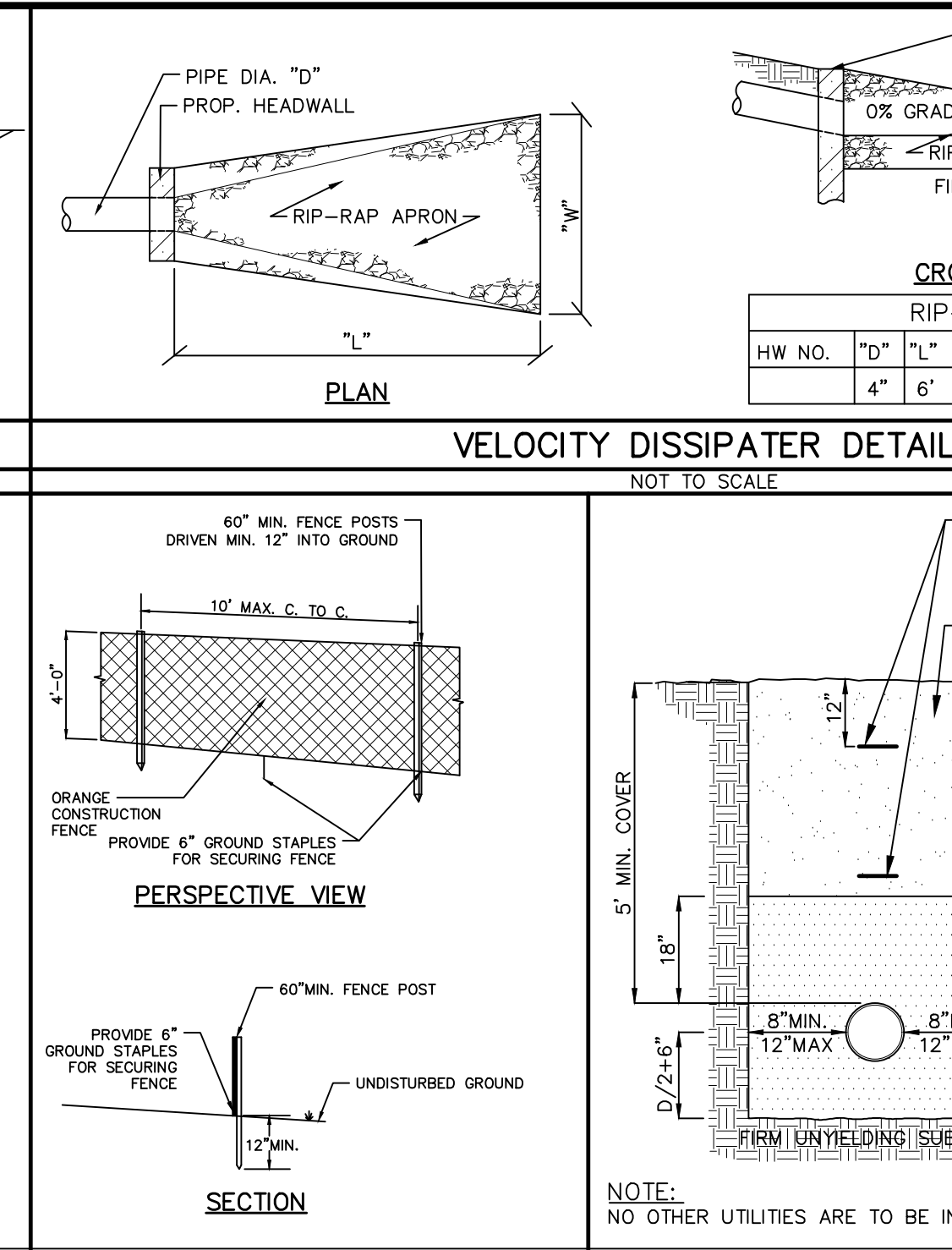
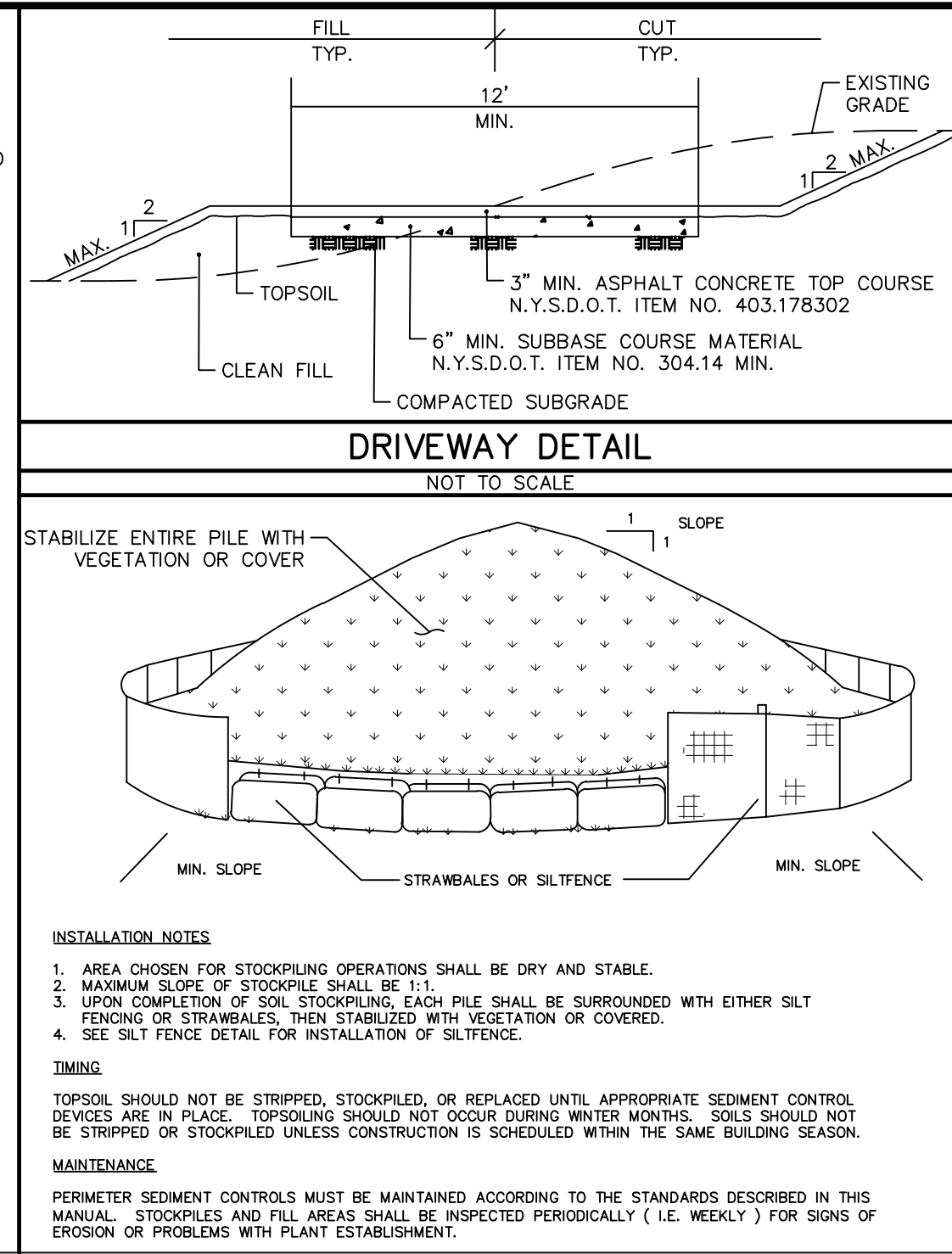
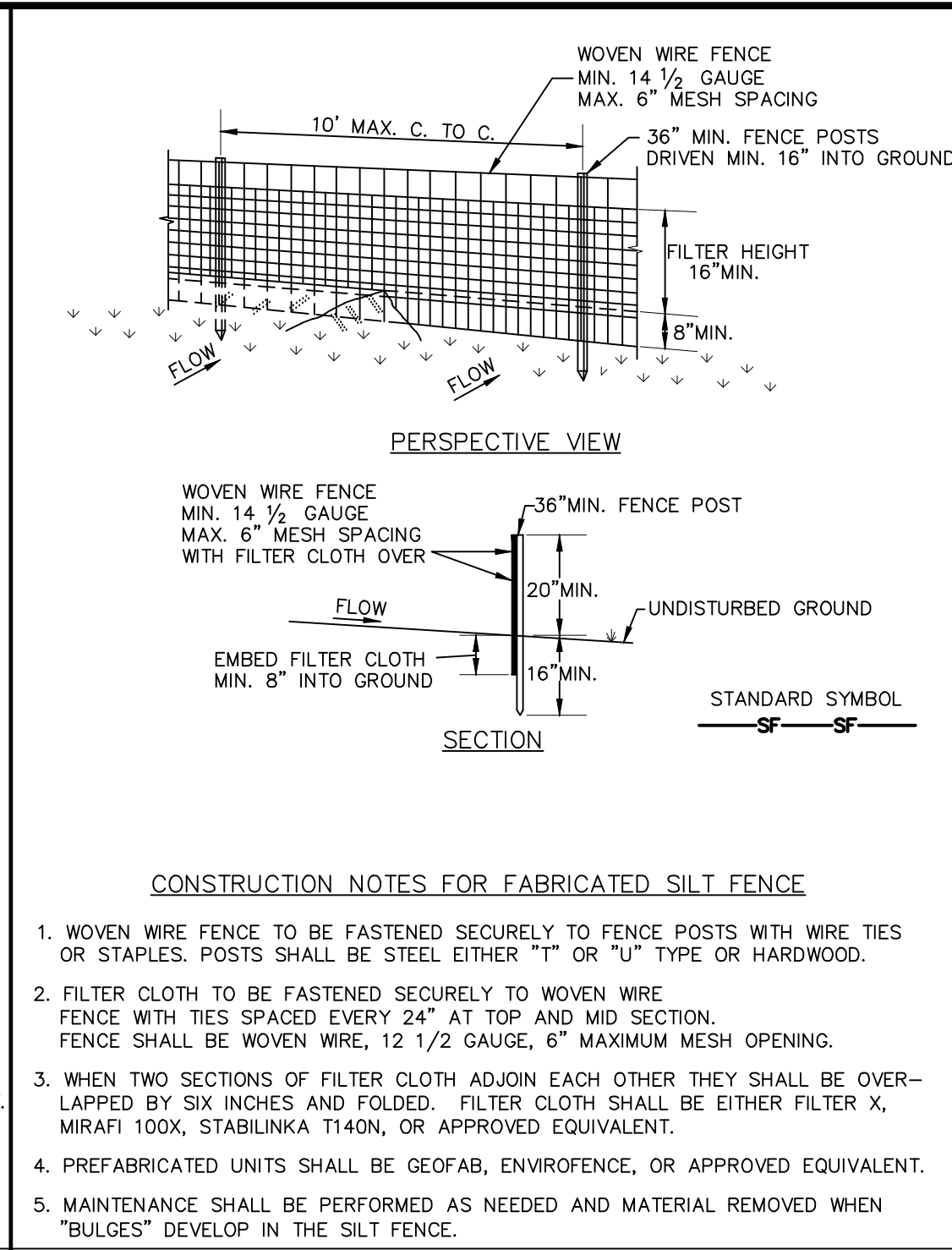
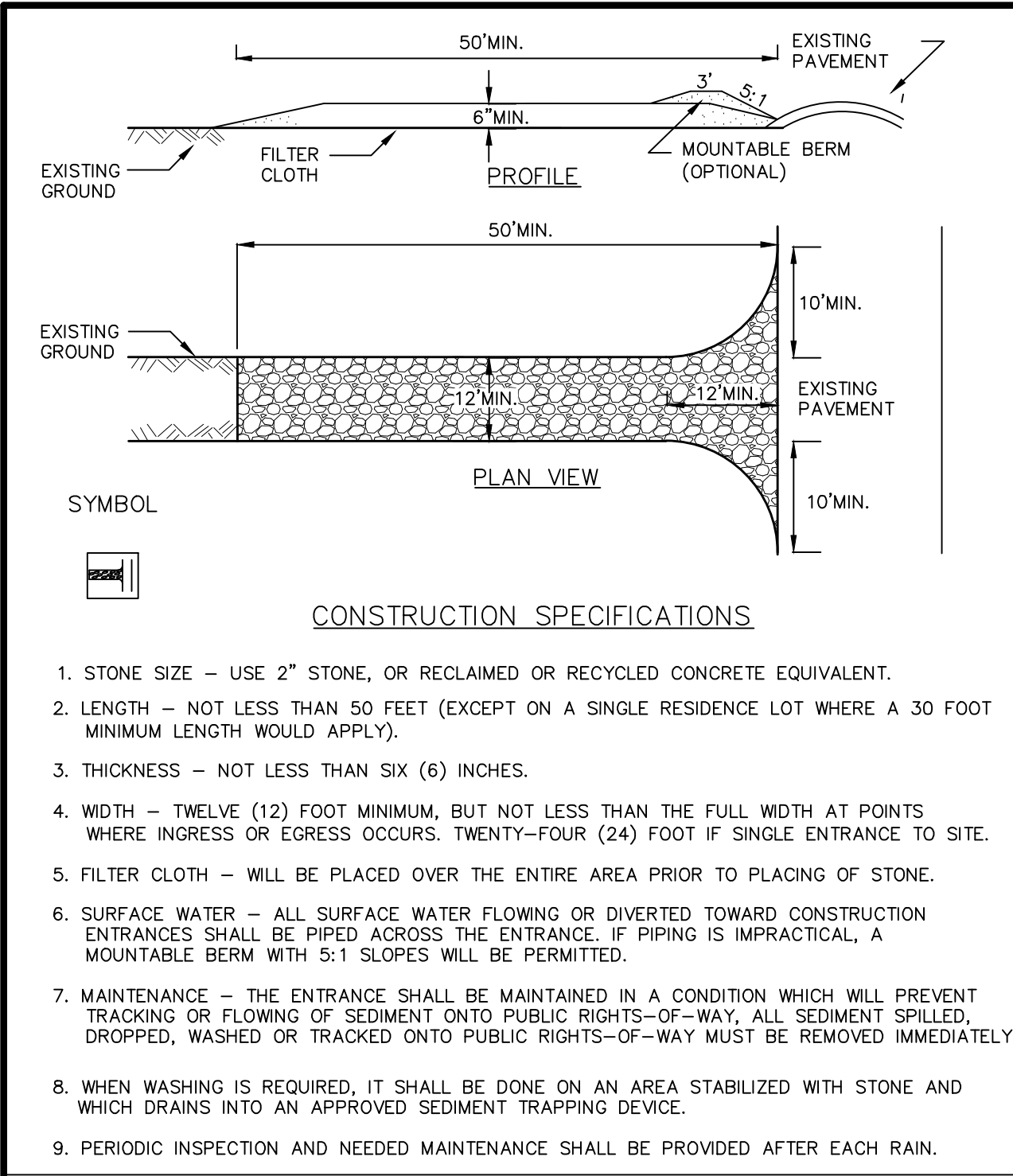




EROSION & SEDIMENT CONTROL NOTES

1. PRIOR TO THE START OF CONSTRUCTION ACTIVITY, THE TEMPORARY STRUCTURAL SEDIMENT CONTROLS (SILT FENCE, STABILIZED CONSTRUCTION ENTRANCE, ETC.) FOR THE ANTICIPATED WORK MUST BE INSTALLED.

2. THE LIMITS OF LAND DISTURBANCE MUST BE PHYSICALLY MARKED ON-SITE WITH ORANGE CONSTRUCTION FENCE. SILT FENCE MUST BE INSTALLED ON-CONTOUR AND SHALL NOT BE USED TO DELINEATE THE LIMIT OF CONSTRUCTION, OR PROPERTY LINE.

3. MASS CLEARINGS AND GRADING MUST BE AVOIDED. CLEAR AND GRUB ONLY WHAT IS REQUIRED FOR IMMEDIATE CONSTRUCTION ACTIVITY.

4. EXPOSED SOILS ANTICIPATED TO REMAIN IDLE FOR MORE THAN FOURTEEN (14) DAYS SHALL BE IMMEDIATELY STABILIZED WITH TEMPORARY SEEDING.

5. WHEREVER POSSIBLE, NATURAL VEGETATION IS TO BE PROTECTED BY LIMITING THE CLEARING AND GRUBBING OPERATION, AS WELL AS RESTRICTING CONSTRUCTION EQUIPMENT TO THE WORK AREA.

6. WHERE FEASIBLE, LARGE TREES TO BE PRESERVED SHALL BE FENCED OFF SO THAT THE ROOT SYSTEM AND OVERHANGING BRANCHES ARE PROTECTED FROM CONSTRUCTION EQUIPMENT.

7. OFF-SITE RUNOFF SHOULD BE DIVERTED FROM HIGHLY ERODIBLE SOILS AND STEEP SLOPES TO STABLE AREAS WITH TEMPORARY DIKES AND/OR SWALES.

8. PERMANENT SEEDING SHOULD OPTIMALLY BE UNDERTAKEN IN THE SPRING FROM MARCH THROUGH MAY, AND IN LATE SUMMER AND EARLY FALL FROM SEPTEMBER TO OCTOBER 15. PERMANENT SEEDING MAY BE UNDERTAKEN DURING THE SUMMER, PROVIDING AN ADEQUATE WATERING SCHEDULE IS MAINTAINED.

9. DURING THE PEAK SUMMER MONTHS AND IN THE FALL AFTER OCTOBER 15, WHEN SEEDING IS OTHERWISE FOUND TO BE IMPRACTICABLE, AN APPROPRIATE TEMPORARY MULCH SHALL BE APPLIED.

10. ALL SLOPES STEEPER THAN 3H:1V AS WELL AS PERIMETER DIKES, SEDIMENT BASINS OR TRAPS, AND EMBANKMENTS SHALL, UPON COMPLETION, BE IMMEDIATELY STABILIZED WITH SOIL, SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES (RECP).

11. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION. AREAS OUTSIDE OF THE PERIMETER SEDIMENT CONTROL SYSTEM SHALL NOT BE DISTURBED.

12. AREAS WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED SHALL BE DRESSED WITH A MINIMUM OF 4 INCHES OF TOPSOIL. COMPACTED SUB-SOILS SHALL BE DISSED OR TILLED PRIOR TO PLACEMENT OF TOPSOIL. SURFACE SHALL BE RAKED SMOOTH, REMOVING STICKS, FOREIGN MATTER, AND STONES OVER 1" IN DIAMETER.

13. TOPSOIL SHALL HAVE AT LEAST 6% BY WEIGHT OF FINE TEXTURED STABLE ORGANIC MATERIAL, AND NO GREATER THAN 20%. IT SHALL HAVE NOT LESS THAN 20% OF MATERIAL PASSING THE NO. 200 SIEVE, AND NOT MORE THAN 15% CLAY. IT SHALL BE RELATIVELY FREE OF STONES OVER 1-1/2" INCHES IN DIAMETER, TRASH, NOXIOUS WEEDS, AND SHALL HAVE LESS THAN 10% GRAVEL.

14. SEEDING FOR TEMPORARY STABILIZATION OR IN PREPARATION OF WINTER SHUTDOWN SHALL BE APPLIED AT THE FOLLOWING RATE AND SCHEDULE: SPRING OR SUMMER OR EARLY FALL, USE RYEGRASS AT 30 LBS PER ACRE. LATE FALL OR EARLY WINTER, USE WINTER RYE AT 100 LBS PER ACRE.

15. PERMANENT SEEDING FOR FINAL STABILIZATION SHOULD BE APPLIED EITHER FROM SPRING-THAW TO MID-MAY OR MID-AUGUST TO EARLY OCTOBER WITH A 65/20/15 MIX OF KENTUCKY BLUEGRASS/PERENNIAL RYEGRASS/FINE FESCUE AT 160 LBS. PER ACRE. IF SEEDING IS DONE BETWEEN MID-MAY AND MID-AUGUST, IRRIGATION MAY BE REQUIRED TO ACHIEVE FINAL STABILIZATION.

16. HAY OR STRAW MULCH SHALL BE APPLIED TO ALL SEEDED AREAS, TEMPORARY OR PERMANENT, AT A RATE OF 2 TONS PER ACRE (OR 3 BALES PER 1,000 SQ. FT.).

17. WHEN SPECIFIED, ROLLED EROSION CONTROL BLANKET SHALL BE STRAW BIODEGRADABLE DOUBLE-NET BLANKET (EBX-S2 NN) AS MANUFACTURED BY CARHAGE MILLS, SHALL BE PROVIDED ON ALL FINAL GRADES STEEPER THAN 1 VERTICAL OVER 3 HORIZONTAL (UP TO 2H:1V).

18. WHEN SPECIFIED, INLET PROTECTION SHALL BE INSTALLED CONCURRENTLY WITH CATCH BASIN INSTALLATION. IN THE SAME MANNER, ROCK OUTLET PROTECTION SHALL BE INSTALLED CONCURRENTLY WITH PIPE DISCHARGE INSTALLATION.

19. EROSION AND SEDIMENT CONTROL PRACTICES WITHIN THE ACTIVE WORK AREA SHALL BE INSPECTED DAILY TO ENSURE THAT THEY ARE BEING MAINTAINED IN EFFECTIVE OPERATING CONDITION AT ALL TIMES.

20. IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CLEARED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN FOURTEEN (14) DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED.

21. DISCHARGES FROM Dewatering Activities, including discharges from dewatering of trenches and excavations, must be managed by appropriate control measures.

22. STABILIZED CONSTRUCTION ENTRANCE(S) SHALL BE MAINTAINED SO AS TO PREVENT THE TRACKING OF SEDIMENT OFF-SITE. SEDIMENT TRACKED ONTO PAVED RIGHTS-OF-WAY SHALL BE SWEEP CLEAN AT THE END OF EACH WORK DAY.

23. SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT BECOMES 6" DEEP AT THE FABRIC. SILT FENCE SHALL BE REPLACED WHEN FABRIC BECOMES RIPPED OR FRAYED.

24. SEDIMENT SHALL BE REMOVED FROM SEDIMENT TRAPPING DEVICES WHEN ACCUMULATION REACHES 50% OF DESIGN CAPACITY. STONE SHALL BE CLEANED OR REPLACED WHEN SEDIMENT POOL NO LONGER DRAINS PROPERLY.

GOOD HOUSEKEEPING

1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SECURELY LIDGED METAL DUMPSTER SUPPLIED BY A WASTE HANDLER THAT IS A LICENSED SOLID WASTE MANAGEMENT COMPANY. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER(S). THE DUMPSTER SHALL BE EMPTIED ON AN AS-NEEDED BASIS AND THE TRASH WILL BE HAULED TO AN APPROVED LANDFILL. NO CONSTRUCTION MATERIALS WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL.

2. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF TWO TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

3. GOOD HOUSEKEEPING AND SPILL CONTROL PRACTICES WILL BE FOLLOWED DURING CONSTRUCTION TO MINIMIZE STORMWATER CONTAMINATION FROM PETROLEUM PRODUCTS, FERTILIZERS, PAINTS, AND CONCRETE. TO PREVENT STORMWATER CONTAMINATION FROM THE SITE, GOOD HOUSEKEEPING PRACTICES ARE LISTED BELOW:

- FERTILIZERS WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER, UNLESS SPECIFIED OTHERWISE BY THE ENGINEER AND WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER.
- FERTILIZERS WILL BE STORED IN A COVERED SHED AND PARTIALLY USED BAGS WILL BE TRANSFERRED TO A SEALABLE BIN TO AVOID SPILLS.
- A COVERED DUMPSTER WILL BE USED FOR ALL WASTE MATERIALS.
- MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEAN-UP WILL BE KEPT IN THE TEMPORARY MATERIALS STORAGE AREA ON-SITE. EQUIPMENT WILL INCLUDE BUT NOT BE LIMITED TO: DUMPS, DUST PANS, MOPS, RAGS, GLOVES, SHOES, FAST ABSORBENT MATERIAL, SAND, SAW DUST, AND PLASTIC AND METAL TRASH CONTAINERS.
- CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.
- WHEN TESTING/CLEANING OF WATER SUPPLY LINES, THE DISCHARGE FROM THE TESTED PIPE WILL BE COLLECTED AND CONVEYED TO A COMPLETED STORMWATER COLLECTION SYSTEM.
- A STABILIZED CONSTRUCTION ENTRANCE WILL BE CONSTRUCTED TO REDUCE VEHICLE TRACKING OF SEDIMENT.
- DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TAUPALIN.
- ALL RUTS CAUSED BY EQUIPMENT USED FOR SITE CLEARING AND GRADING WILL BE ELIMINATED BY RE-GRADING.

4. VEHICLE MAINTENANCE - ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. ANY VEHICLE LEAKING FUEL OR HYDRAULIC FLUID WILL BE IMMEDIATELY SCHEDULED FOR REPAIRS AND USE WILL BE DISCONTINUED UNTIL REPAIRS ARE MADE.

5. SPILL PREVENTION AND RESPONSE - THE FOLLOWING CONTROLS AND PROCEDURES SHALL BE USED TO MINIMIZE THE POTENTIAL FOR LEAKS, SPILLS AND OTHER RELEASES:

- PERSONNEL WILL BE MADE AWARE OF EMERGENCY TELEPHONE NUMBERS.
- THE OWNER/OPERATOR AND OR CONTRACTOR SHALL IMMEDIATELY CONTACT NYSDEC IN THE EVENT OF A SPILL, AND SHALL TAKE ALL APPROPRIATE STEPS TO CONTAIN THE SPILL, INCLUDING CONSTRUCTION OF A DIKE AROUND THE SPILL AND PLACING ABSORBENT MATERIAL OVER THE SPILL.
- THE OWNER/OPERATOR AND OR CONTRACTOR SHALL INSTRUCT PERSONNEL THAT SPILLAGE OF FUELS, OILS, AND SIMILAR CHEMICALS MUST BE AVOIDED.
- OILS AND CHEMICALS WILL BE STORED IN APPROPRIATE AND TIGHTLY CAPPED CONTAINERS.
- CONTAINERS SHALL NOT BE DISPOSED OF ON THE PROJECT SITE.
- OILS, CHEMICALS, MATERIAL, EQUIPMENT, AND SANITARY FACILITIES WILL BE STORED/LOCATED AWAY FROM TREES AND AT LEAST 100 FEET FROM STREAMS, WELLS, WET AREAS, AND OTHER ENVIRONMENTALLY SENSITIVE SITES.
- DISPOSURE OF CHEMICAL CONTAINERS AND SURPLUS CHEMICALS OFF THE PROJECT SITE IN ACCORDANCE WITH LABEL DIRECTIONS AND LEGAL REQUIREMENTS.
- USE TIGHT CONNECTIONS AND HOSES WITH APPROPRIATE NOZZLES IN ALL OPERATIONS INVOLVING FUELS.
- USE FUNNELS WHEN POURING FUELS, LUBRICATING MATERIALS OR CHEMICALS.
- REFUELING OF CONSTRUCTION EQUIPMENT WILL TAKE PLACE IN PARKING AREAS TO PROVIDE RAPID RESPONSE TO EMERGENCY SITUATIONS.
- PETROLEUM SPILLS AND MOST HAZARDOUS MATERIALS SPILLS MUST BE REPORTED TO THE NYS DEC HOTLINE (1-800-457-7362), UNLESS THEY MEET ALL OF THE FOLLOWING CRITERIA:
 - THE SPILL IS KNOWN TO BE LESS THAN 5 GALLONS; AND
 - THE SPILL IS CONTAINED AND UNDER THE CONTROL OF THE SPILLER; AND
 - THE SPILL HAS NOT AND WILL NOT REACH THE STATE'S WATER OR ANY LAND; AND
 - THE SPILL IS CLEANED UP WITHIN 2 HOURS OF DISCOVERY.
- SPILLS SHALL ALSO BE REPORTED TO THE LOCAL AUTHORITIES, IF REQUIRED. FOR SPILLS NOT DEMONSTRATED, THE FACTS CONCERNING THE INCIDENT SHALL BE DOCUMENTED BY THE SPILLER, AND A RECORD MAINTAINED FOR ONE YEAR.

CONSTRUCTION SEQUENCE

1. OBTAIN PLAN APPROVAL AND ALL OTHER APPLICABLE PERMITS.

2. HAVE PRE-CONSTRUCTION MEETING WITH TOWN OF YORKTOWN BUILDING INSPECTOR, TOWN ENGINEER, INSPECTION ENGINEER, AND OTHER OFFICIALS AS NECESSARY.

3. FLAG THE WORK LIMITS AND MARK OFF ANY TREES TO BE SAVED.

4. ALL EQUIPMENT NEEDED FOR CONSTRUCTION TO BE STORED ON SITE OR AREAS RESERVED FOR STOCKPILING.

5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, ALL INVOLVED AGENCIES AND DEPARTMENTS PRIOR TO THE START OF CONSTRUCTION.

6. INSTALL ALL EROSION CONTROL DEVICES ACCORDING TO THE PLAN AND DETAILS.

7. STRIP AND STOCKPILE TOPSOIL.

8. CLEAR AND GRUB FOR DRIVEWAY AND DRAINAGE IMPROVEMENTS.

9. BRING DRIVE TO SUBGRADE.

10. GRADE SITE TO ACCOMMODATE HOUSE AND INSTALL SETS.

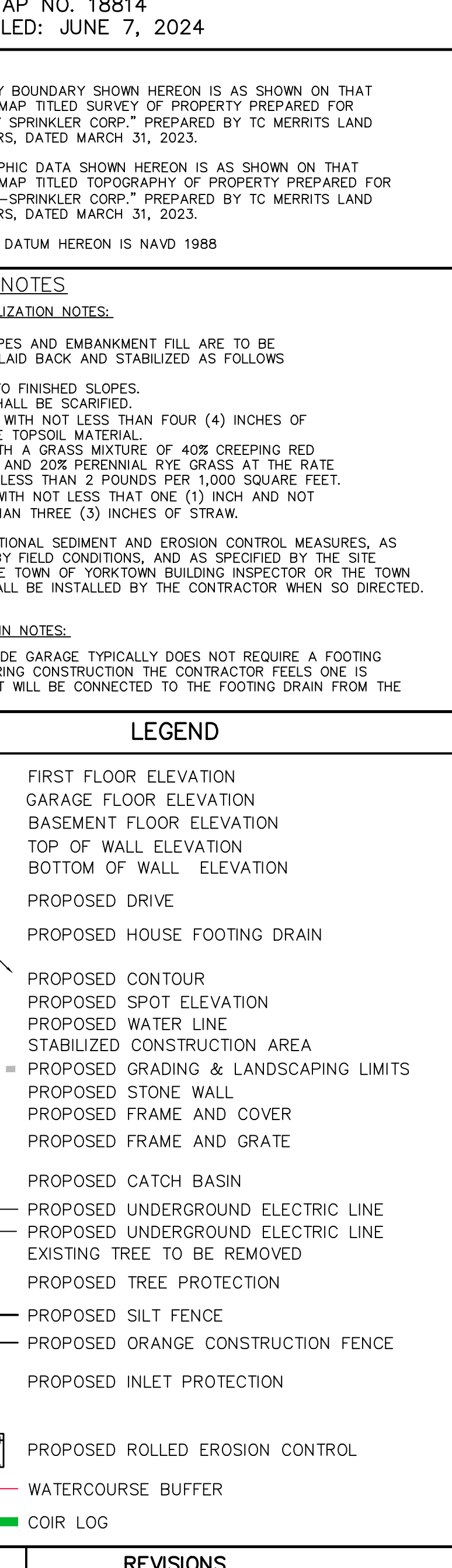
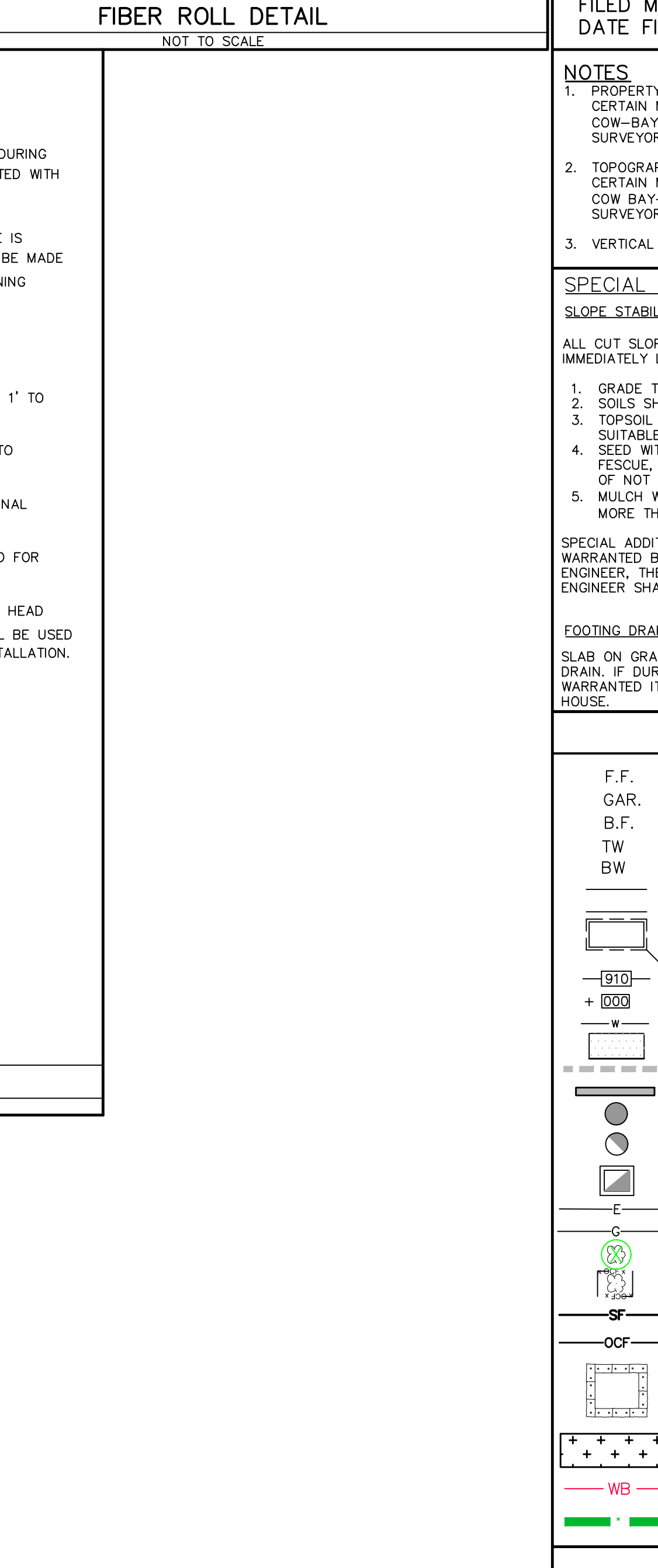
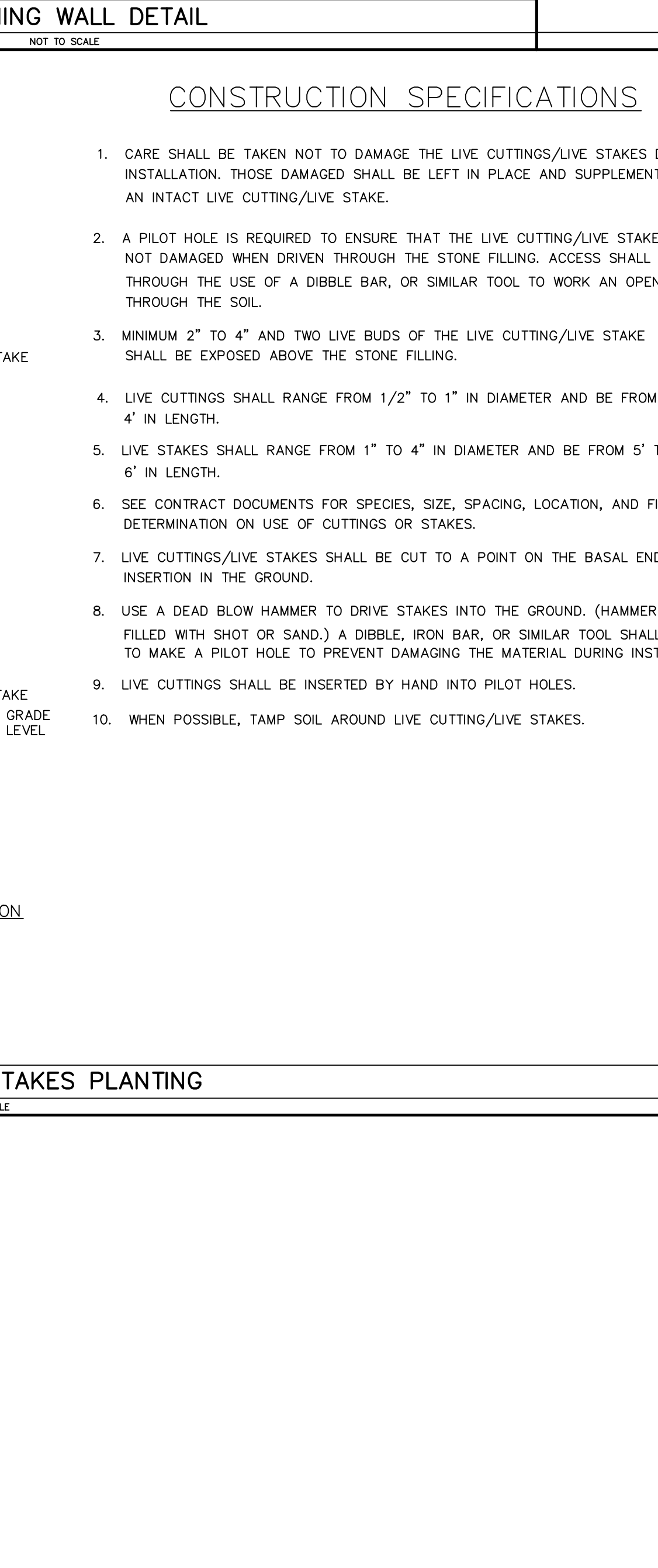
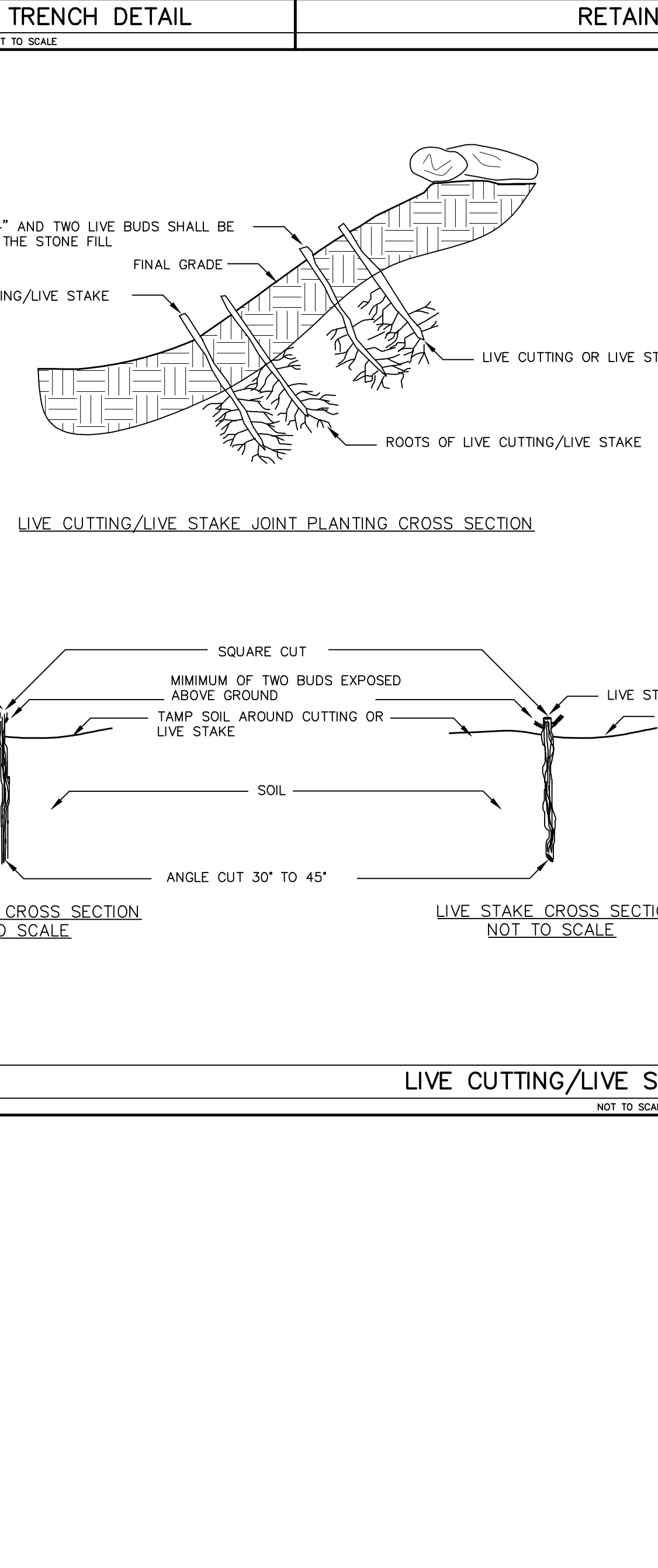
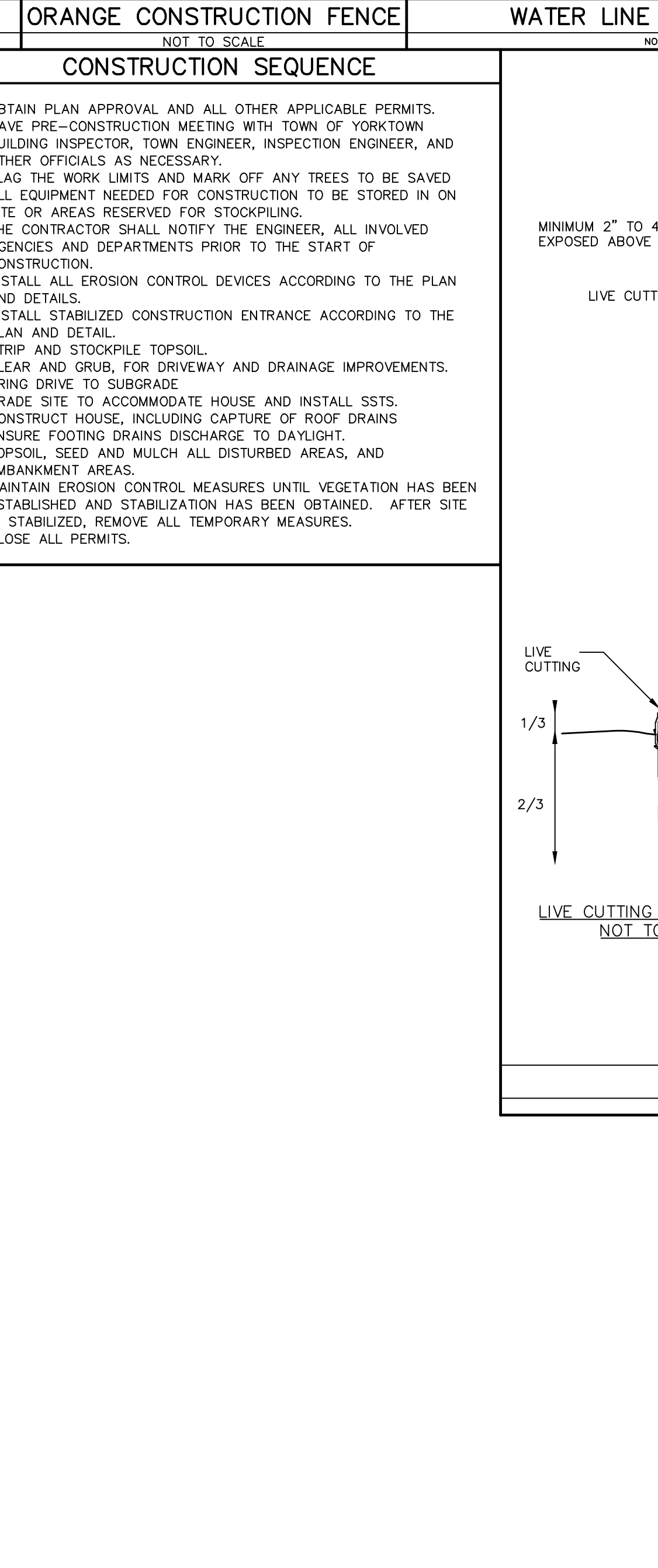
11. CONSTRUCT HOUSE, INCLUDING CAPTURE OF ROOF DRAINS.

12. ENSURE FOOTING DRAINS DISCHARGE TO DAYLIGHT.

13. TOPSOIL, SEED AND MULCH ALL DISTURBED AREAS, AND EMBANKMENT AREAS.

14. MAINTAIN EROSION CONTROL MEASURES UNTIL VEGETATION HAS BEEN ESTABLISHED AND STABILIZATION HAS BEEN OBTAINED. AFTER SITE IS STABILIZED, REMOVE ALL TEMPORARY MEASURES.

15. CLOSE ALL PERMITS.



COVERAGE UNDER THE GENERAL STORMWATER PERMIT

1. BASED ON THE PROPOSED AREA OF SOIL DISTURBANCE SHOWN HEREON, THIS PROJECT REQUIRES COVERAGE UNDER THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S S.P.D.E.S. GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (PERMIT NO. GP-0-25-001).

2. A NOTICE OF INTENT (NOI) MUST BE FILED WITH THE NYSDEC, AT [HTTPS://DEC.NY.GOV/MAAPS/NYSDEC-NFORM](https://dec.ny.gov/maps/nysdec-nform) (5) BUSINESS DAYS BEFORE CONSTRUCTION ACTIVITIES TAKE PLACE, WHICH INCLUDES ANY CLEARING, GRADING, EXCAVATION, FILLING, DEMOLITION OR STOCKPILING ACTIVITIES THAT RESULT IN SOIL DISTURBANCE.

3. THIS PLAN, OR SET OF PLANS, SHALL CONSTITUTE AS THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), AND HAS BEEN PREPARED IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE PERMIT. IN THE CASE OF PROJECTS WHICH REQUIRE POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES (STORMWATER MITIGATION), THIS PLAN OR SET OF PLANS, MAY BE APPROVED BY A REPORT AND/OR OTHER DOCUMENTATION.

4. THE OWNER MUST HAVE THE SWPPP REVIEWED AND APPROVED BY THE REGULATED TRADITIONAL LAND USE CONTROL MSA (TOWN), PRIOR TO SUBMITTING THE NOI TO THE NYSDEC.

5. THE OWNER SHALL ALSO HAVE THE TOWN SIGN THE "MSA ACCEPTANCE FORM", WHICH IS SUBMITTED WITH THE NOI.

6. THE OWNER SHALL MAINTAIN A COPY OF THE PERMIT, NOI, NO ACKNOWLEDGMENT LETTER, SWPPP, MSA ACCEPTANCE FORM, INSPECTION REPORTS, AND ALL DOCUMENTATION NECESSARY TO DEMONSTRATE ELIGIBILITY WITH THE PERMIT AT THE CONSTRUCTION SITE UNTIL ALL DISTURBED AREAS HAVE ACHIEVED FINAL STABILIZATION AND THE NOTICE OF TERMINATION (NOT) HAS BEEN SUBMITTED TO THE NYSDEC. THE DOCUMENTS MUST BE MAINTAINED IN A SECURE LOCATION ON-SITE, AND MUST BE ACCESSIBLE DURING NORMAL BUSINESS HOURS TO AN INDIVIDUAL PERFORMING A COMPLIANCE INSPECTION.

7. THE NOI CANNOT BE SUBMITTED UNTIL THE SITE HAS ACHIEVED FINAL STABILIZATION. FINAL STABILIZATION MEANS THAT ALL SOIL DISTURBANCE ACTIVITIES HAVE CEASED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF EIGHTY (80) PERCENT OVER THE ENTIRE PERVIOUS SURFACE HAS BEEN ESTABLISHED, OR OTHER EQUIVALENT STABILIZATION MEASURES, SUCH AS PERMANENT LANDSCAPE MULCHES, ROCK RIP-RAP OR WASHED CRUSHED STONE HAVE BEEN APPLIED ON ALL DISTURBED AREAS THAT ARE NOT COVERED BY PERMANENT STRUCTURES, CONCRETE OR PAVEMENT.

8. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITY THE OWNER MUST IDENTIFY THE CONTRACTOR(S) AND/OR SUBCONTRACTOR(S) THAT WILL BE RESPONSIBLE FOR INSTALLING, CONSTRUCTING, REPAIRING, REPLACING, INSPECTING AND MAINTAINING THE EROSION AND SEDIMENT CONTROL PRACTICES INCLUDED IN THE SWPPP, AND IN THE CASE OF PROJECTS WHICH REQUIRE STORMWATER MITIGATION, THE CONTRACTOR(S) AND/OR SUBCONTRACTOR(S) THAT WILL BE RESPONSIBLE FOR CONSTRUCTION OF THE POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES. EACH CONTRACTOR SHALL BE KNOWN AS THE TRAINED CONTRACTOR.

9. THE TRAINED CONTRACTOR(S) MUST SIGN A CERTIFICATION STATEMENT(S) FOR THE STATE, AND IN MOST CASES THE TOWN OR A LICENSED 4-HOUR NYSDEC ENDORSED TRAINING COURSE, AND MUST BE ON-SITE ANY TIME THERE IS SOIL DISTURBANCE ACTIVITIES TAKING PLACE.

10. THE OWNER MUST ENSURE THAT ALL EROSION AND SEDIMENT CONTROL PRACTICES, AND IN THE CASE OF PROJECTS WHICH REQUIRE STORMWATER MITIGATION, THE POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES, ARE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE PERMIT.

11. THE OWNER SHALL HAVE THE TRAINED CONTRACTOR INSPECT THE EROSION AND SEDIMENT CONTROLS, AND IN THE CASE OF PROJECTS WITH STORMWATER MITIGATION, THE POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES, WITHIN THE ACTIVE WORK AREA DAILY TO ENSURE THAT THEY ARE BEING MAINTAINED IN EFFECTIVE OPERATING CONDITIONS AT ALL TIMES.

12. THE SCOPE OF THE PROJECT MAY ALSO REQUIRE THE OWNER TO HAVE A QUALIFIED INSPECTOR CONDUCT SITE INSPECTIONS AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS. GENERALLY, THE QUALIFIED INSPECTOR IS THE PREPARER OF THE SWPPP.

13. ONCE THE SITE HAS ACHIEVED FINAL STABILIZATION, AND IN THE CASE OF PROJECTS THAT REQUIRE STORMWATER MITIGATION, ALL POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES HAVE BEEN CONSTRUCTED, COVERAGE UNDER THE PERMIT MUST BE TERMINATED.

14. IF PART OF THE SWPPP, THE OWNER MUST IDENTIFY THE ENTITY, AND HAVE A MECHANISM IN-PLACE FOR LONG-TERM OPERATION AND MAINTENANCE OF THE POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES.

15. THESE NOTES ARE NOT COMPREHENSIVE OF THE REQUIREMENTS OF THE SUBJECT PERMIT.

