


SYMBOL KEY

- STONE WALL
- BOUND
- IRON PIPE
- DRILL HOLE
- UTILITY POLE
- WELL
- TEST PIT
- PERC TEST
- BENCH MARK

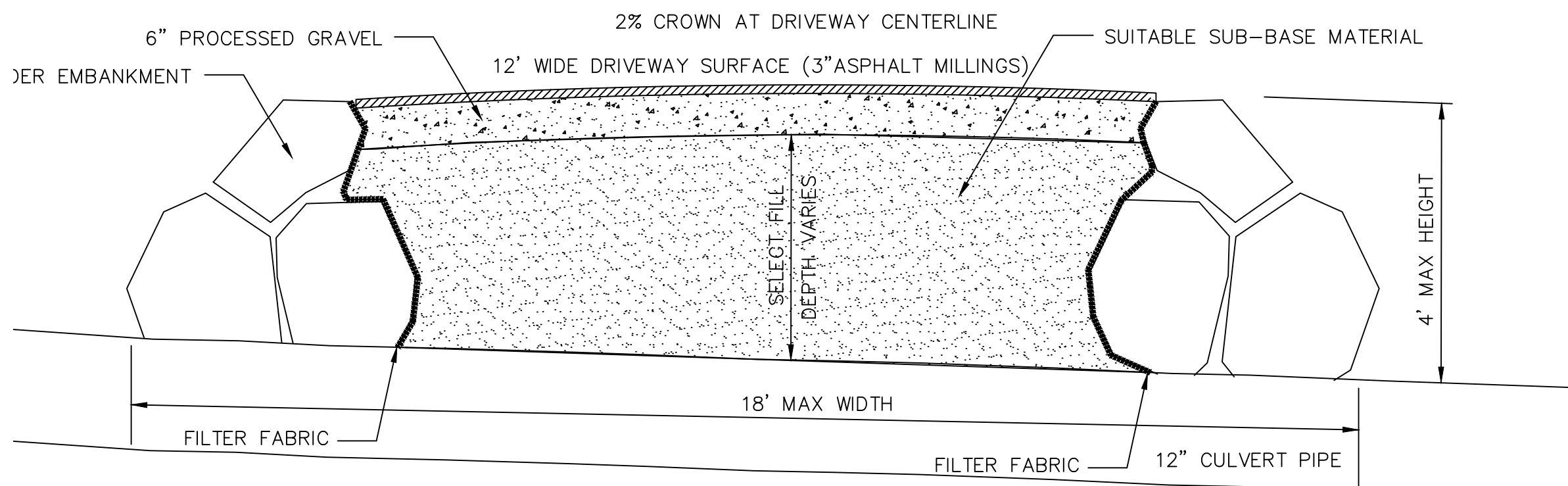
DIG-SAFE



PHONE # 877-344-7233

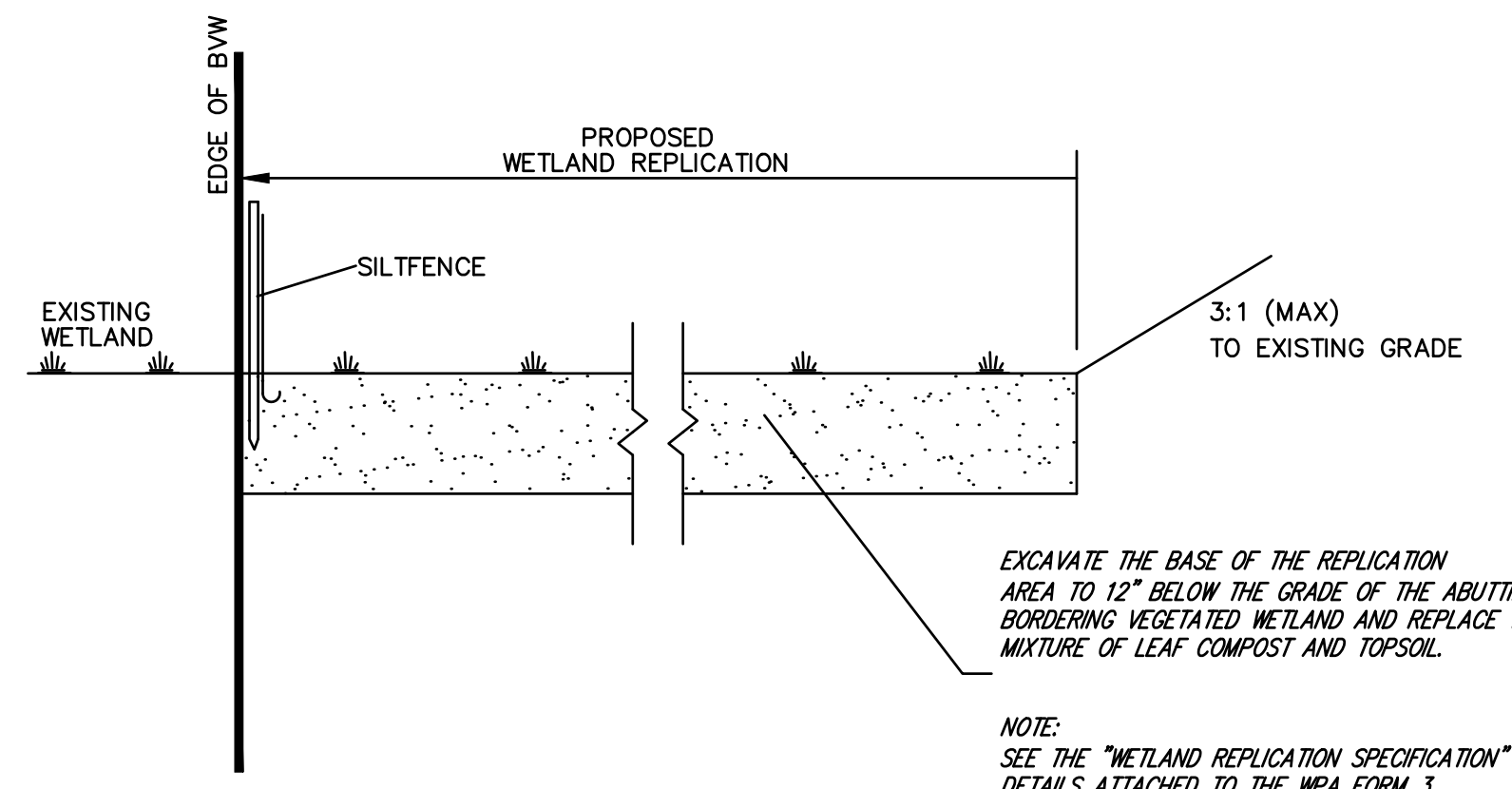
TOWN OF CHARLTON

ZONE - A - AGRICULTURAL
 AREA - 60,000 S.F.
 FRONTAGE - 175'
 FRONT - 30 FT.
 SIDE - 15 FT.
 REAR - 30 FT.



SECTION THROUGH DRIVEWAY

NOT TO SCALE



WETLAND REPLICATION DETAIL

PLANTING LIST:

- HIGHBUSH BLUEBERRY 2-3' 10" O.C.
- WINTERBERRY 2-3' 10" O.C.
- NORTHERN SPICEBUSH 2-3' 10" O.C.
- NORTHERN ARROW-WOOD 2-3' 10" O.C.
- RED MAPLE SAPLING 4-6' (PLANT AS SHOWN)

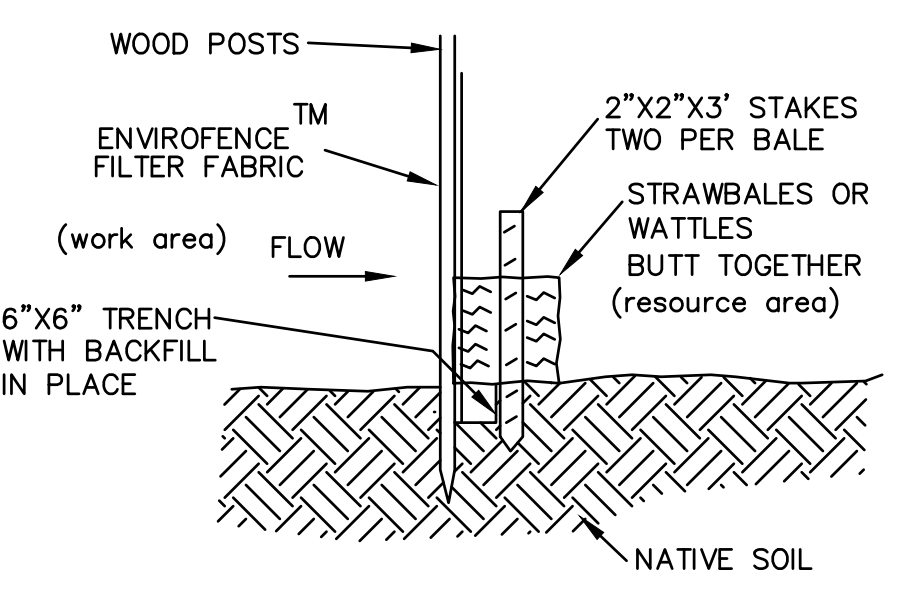
NOTES:

SHRUBS TO BE PLANTED IN AN ALTERNATING PATTERN 2 TREES & 8 SHRUBS TO BE PLANTED AS SHOWN

THE REPLICATION AREA TO BE SEEDED WITH A WETLAND SEED MIX EQUAL TO "NEW ENGLAND WETMIX" BY NEW ENGLAND WETLAND PLANTS, INC. AT A RATE OF 1 LB./2,500 SQ. FT.

SEE WETLAND REPLICATION SPECIFICATIONS FOR SIZE AND TYPES OF WETLAND SHRUBS.

NOT TO SCALE

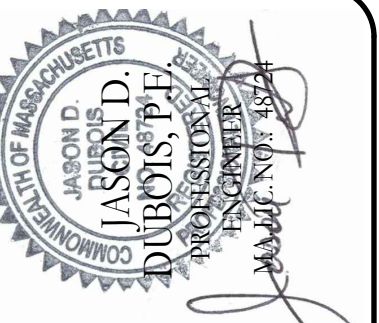
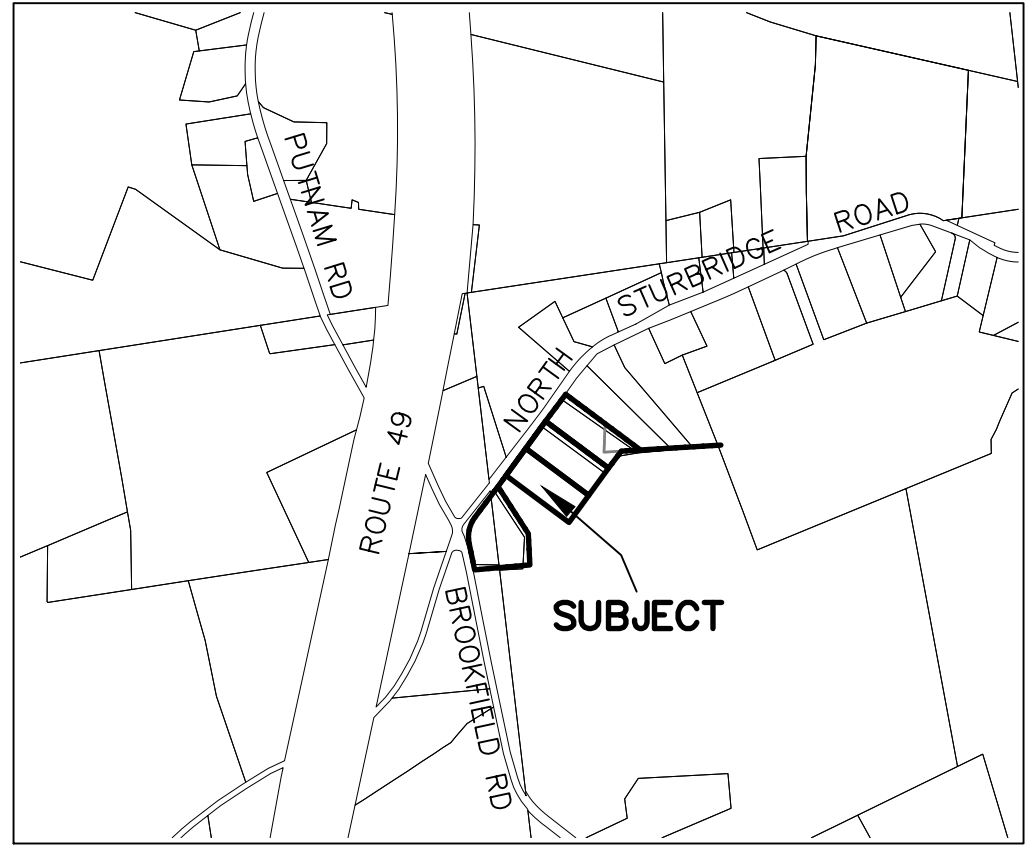
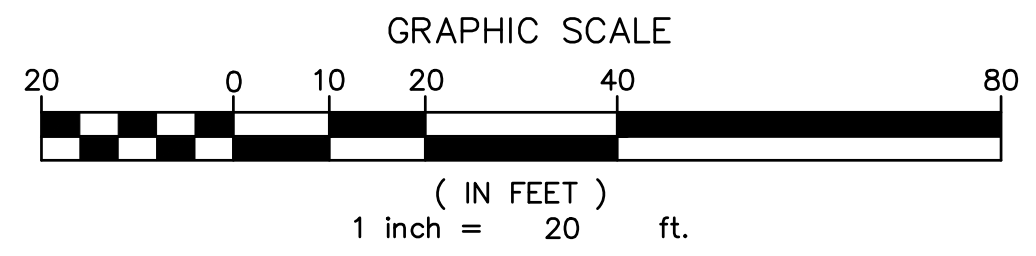
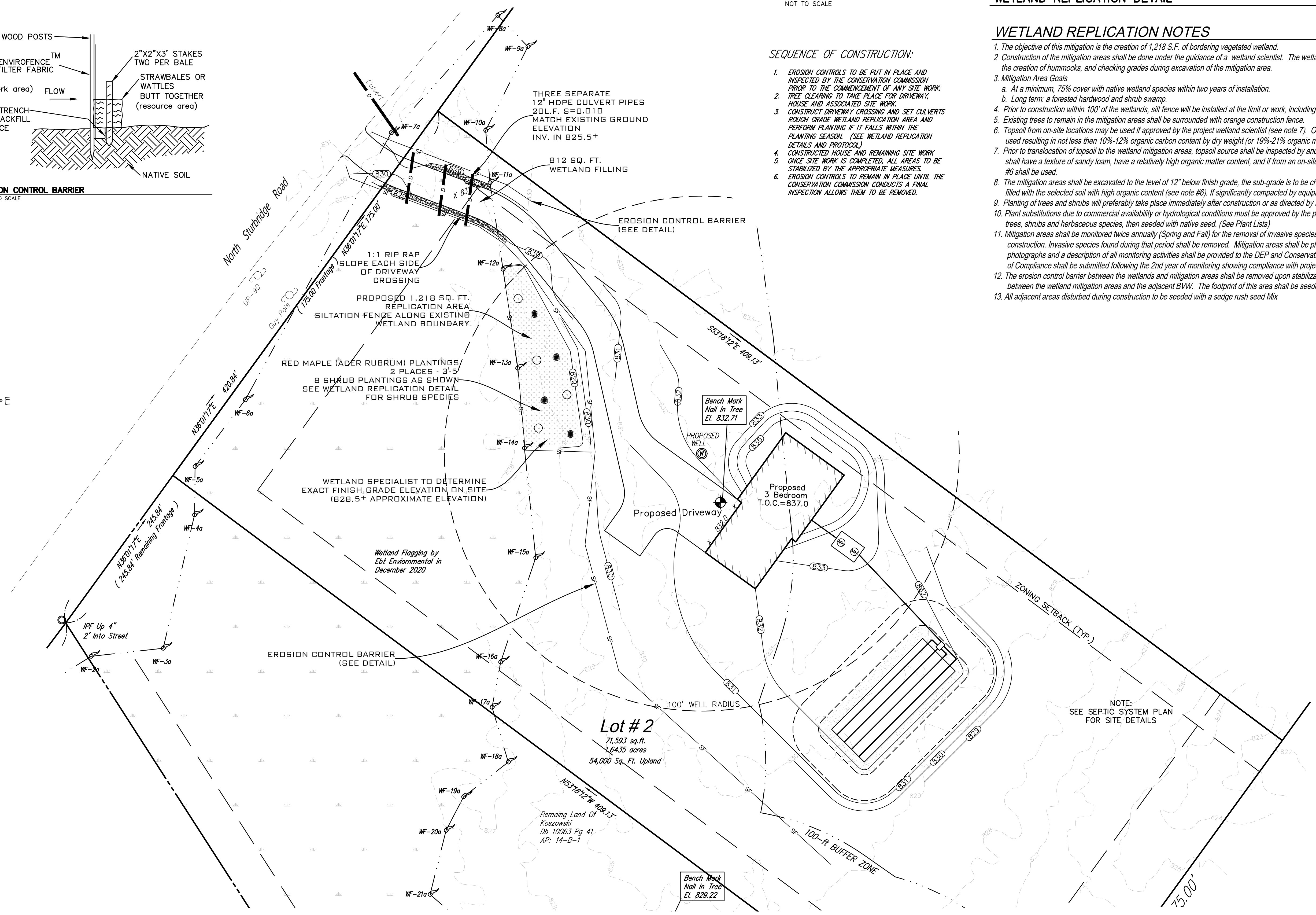
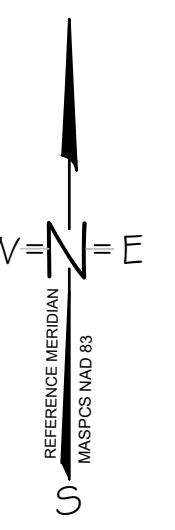


EROSION CONTROL BARRIER

NOT TO SCALE

SEQUENCE OF CONSTRUCTION:

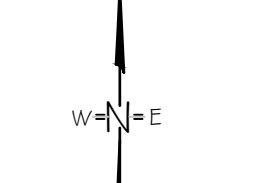
1. EROSION CONTROLS TO BE PUT IN PLACE AND INSPECTED BY THE CONSERVATION COMMISSION PRIOR TO THE COMMENCEMENT OF ANY SITE WORK.
2. TREE CLEARING TO TAKE PLACE FOR DRIVEWAY, HOUSE AND ASSOCIATED SITE WORK.
3. CONSTRUCT DRIVEWAY CROSSING AND SET CULVERTS TO MATCH EXISTING GROUND ELEVATION. PERFORM PLANTING IF IT FALLS WITHIN THE PLANTING SEASON. (SEE WETLAND REPLICATION DETAILS AND PROTOCOL)
4. CONSTRUCTED HOUSE AND REMAINING SITE WORK ONCE SITE WORK IS COMPLETED, ALL AREAS TO BE STABILIZED BY THE APPROPRIATE MEASURES.
5. EROSION CONTROLS TO REMAIN IN PLACE UNTIL THE CONSERVATION COMMISSION CONDUCTS A FINAL INSPECTION ALLOWS THEM TO BE REMOVED.
6. The mitigation areas shall be excavated to the level of 12" below finish grade, the sub-grade is to be checked by the wetland scientist to ensure proper hydrology has been achieved, and then filled with the selected soil with high organic content (see note #6). If significantly compacted by equipment, this soil must be rototilled to achieve friable consistence.
7. Existing trees to remain in the mitigation areas shall be surrounded with orange construction fence, the creation of hummocks, and checking grades during excavation of the mitigation area.
8. Mitigation Area Goals
 - a. At a minimum, 75% cover with native wetland species within two years of installation.
 - b. Long term: a forested hardwood and shrub swamp.
9. Prior to construction within 100' of the wetlands, silt fence will be installed at the limit or work, including along the flagged wetland boundary adjacent to the mitigation areas.
10. Topsoil from on-site locations may be used if approved by the project wetland scientist (see note 7). Otherwise, manufactured soil using equal portions of mineral and organic materials must be used resulting in not less than 10%-12% organic carbon content by dry weight (or 19%-21% organic matter) as recommended in the ACOE New England District Mitigation Guidelines.
11. Prior to translocation of topsoil to the wetland mitigation areas, topsoil source shall be inspected by and approved by the project wetland scientist. Topsoil used for the wetland mitigation area shall have a texture of sandy loam, have a relatively high organic matter content, and if from an on-site source must contain no invasive species. Otherwise, manufactured soil as specified in note #6 shall be used.
12. The mitigation areas shall be monitored twice annually (Spring and Fall) for the removal of invasive species and the replacement of installed woody plants for a period of two years following construction. Invasive species found during that period shall be removed. Mitigation areas shall be planted and seeded to prevent invasive species introduction. Yearly reports including color photographs and a description of all monitoring activities shall be provided to the DEP and Conservation Commission by Nov. 15th of each year following construction. A request for a Certificate of Compliance shall be submitted following the 2nd year of monitoring showing compliance with project goals.
13. Planting of trees and shrubs will preferably take place immediately after construction or as directed by the project wetland scientist. The wetland mitigation areas are proposed to be planted with native trees, shrubs and herbaceous species, then seeded with native seed. (See Plant Lists)
14. Mitigation areas shall be monitored twice annually (Spring and Fall) for the removal of invasive species and the replacement of installed woody plants for a period of two years following construction. Invasive species found during that period shall be removed. Mitigation areas shall be planted and seeded to prevent invasive species introduction. Yearly reports including color photographs and a description of all monitoring activities shall be provided to the DEP and Conservation Commission by Nov. 15th of each year following construction. A request for a Certificate of Compliance shall be submitted following the 2nd year of monitoring showing compliance with project goals.
15. The erosion control barrier between the wetlands and mitigation areas shall be removed upon stabilization of the mitigation areas and the area raked to eliminate any berm that may be present between the wetland mitigation areas and the adjacent BWV. The footprint of this area shall be seeded with New England Wetmix. All stakes and twine shall be removed.
16. All adjacent areas disturbed during construction to be seeded with a sedge rush seed Mix



JEREMY S. CROTEAU, P.L.S.
 PROFESSIONAL LAND SURVEYOR
 LICENSE NO. 4622

NO.	DATE	REVISION PER COMMENTS
1	3/22/21	

NORTH



DOC
 DESIGN CONSULTANTS
 508-768-6659
 508-341-2127

CLIENT: **ROBERT & KENNETH KASZOWSKI**
 53 Sturbridge Road
 Charlton, MA 01507

CONSERVATION COMMISSION PLAN
 SITE ADDRESS: Lot 2 North Sturbridge Rd (Adjacent to #313)
 Charlton, MA 01507

DRAWN BY: JDD
 CK'D BY: JDD
 DATE: 1-18-21
 PROJECT #: 21-106

SCALE: 1"=20'
 DWG. NO.: S-1