

NOTES:

1. SEE LANDSCAPE PLANS BY OTHERS FOR ALL SITE GRADING.
2. SEE ARCHITECTURAL PLAN BY EAST SIDE STUDIO ARCHITECTS, ENTITLED "MINER-CALDWELL, 399 LOWELL ROAD, CONCORD" AND DATED 09/22/20, FOR FIRST FLOOR ELEVATIONS AND OTHER DETAILS REGARDING THE PROPOSED GARAGE AND MUDROOM.
3. TO ENSURE SUCCESSFUL REPLANTING AND REGROWTH OF NATIVE SPECIES WITHIN THE MITIGATION AREA, THE EXISTING COMPACTED SOILS SHALL BE AERATED AND A 4" LAYER OF LOAM SHALL BE SPREAD OVER THE AREA.

EROSION AND SEDIMENT CONTROL NOTES

BEST MANAGEMENT PRACTICES (BMP) FOR EROSION AND SEDIMENTATION CONTROL ARE STAKED STRAW BALES, FILTER FENCES, HYDROSEEDING AND PHASED DEVELOPMENT. MANY STORMWATER BMP TECHNOLOGIES (E.G. INFILTRATION TECHNOLOGIES) ARE NOT DESIGNED TO HANDLE THE HIGH CONCENTRATIONS OF SEDIMENTS TYPICALLY FOUND IN CONSTRUCTION RUNOFF AND MUST BE PROTECTED FROM CONSTRUCTION RELATED SEDIMENT LOADINGS. CONSTRUCTION BMP'S MUST BE MAINTAINED.

IN DEVELOPING THE PROJECT, CERTAIN MEASURES WILL BE IMPLEMENTED TO MINIMIZE IMPACTS EROSION AND SEDIMENTATION COULD HAVE ON SURROUNDING AREAS. THIS NARRATIVE ADDRESSES ITEMS THAT INVOLVE PROPER CONSTRUCTION TECHNIQUES, CLOSE SURVEILLANCE OF WORKMANSHIP AND IMMEDIATE RESPONSE TO EMERGENCY SITUATIONS. THE DEVELOPER MUST BE PREPARED TO PROVIDE WHATEVER REASONABLE MEASURES NECESSARY TO PROTECT THE ENVIRONMENT DURING CONSTRUCTION AND STABILIZE ALL DISTURBED AREAS AS SOON AS CONSTRUCTION ENDS.

LANDSCAPING/SEEDING

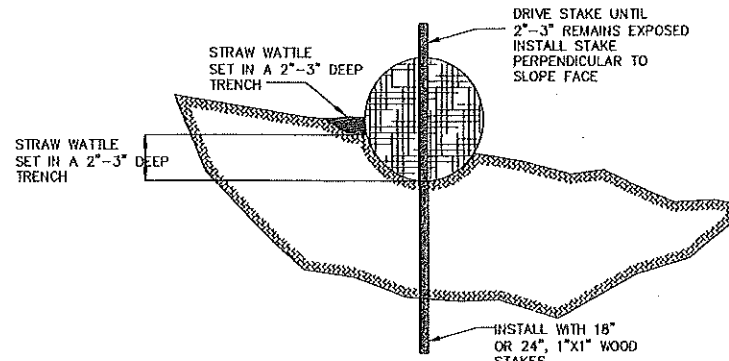
1. LANDSCAPING/SEEDING SHALL OCCUR AS SOON AS POSSIBLE TO PROVIDE PERMANENT STABILIZATION OF DISTURBED SURFACES.
2. CONTRACTOR SHALL UTILIZE A VARIETY OF SLOPE STABILIZATION METHODS AND MATERIALS THAT SHALL BE ADAPTED TO THE SITE CONDITIONS. EROSION CONTROL BLANKETS OR MATT MATS OR SIMILAR PRODUCTS SHALL BE AVAILABLE ON-SITE.
3. IF THE SEASON OR ADVERSE WEATHER CONDITIONS DO NOT ALLOW FOR THE ESTABLISHMENT OF VEGETATION, TEMPORARY MULCHING WITH STRAW, HOOKUPS OR OTHER METHODS SHALL BE PROVIDED.
4. A MINIMUM OF 4" OF TOPSOIL SHALL BE PLACED AND ITS SURFACE SMOOTHED TO THE SPECIFIED GRADES.
5. THE USE OF HERBICIDES IS STRONGLY DISCOURAGED. CONTRACTOR SHALL CAREFULLY READ THE PERMIT DOCUMENTS FOR ANY OTHER RESTRICTIONS RELATED TO THE APPLICATIONS OF FERTILIZERS.
6. HYDROSEEDING IS ENCOURAGED FOR STEEP SLOPES. APPLICATION RATES ON SLOPES GREATER THAN 3:1 SHALL HAVE A MINIMUM SEEDING RATE OF 5 LBS. PER 1000 S.F. A LATEX OR FIBER TACKIFIER SHALL BE USED ON THESE SLOPES AT A MINIMUM RATE OF 50 LBS OF TACKIFIER PER 500 GAL. OF WATER USED.

PRE-CONSTRUCTION

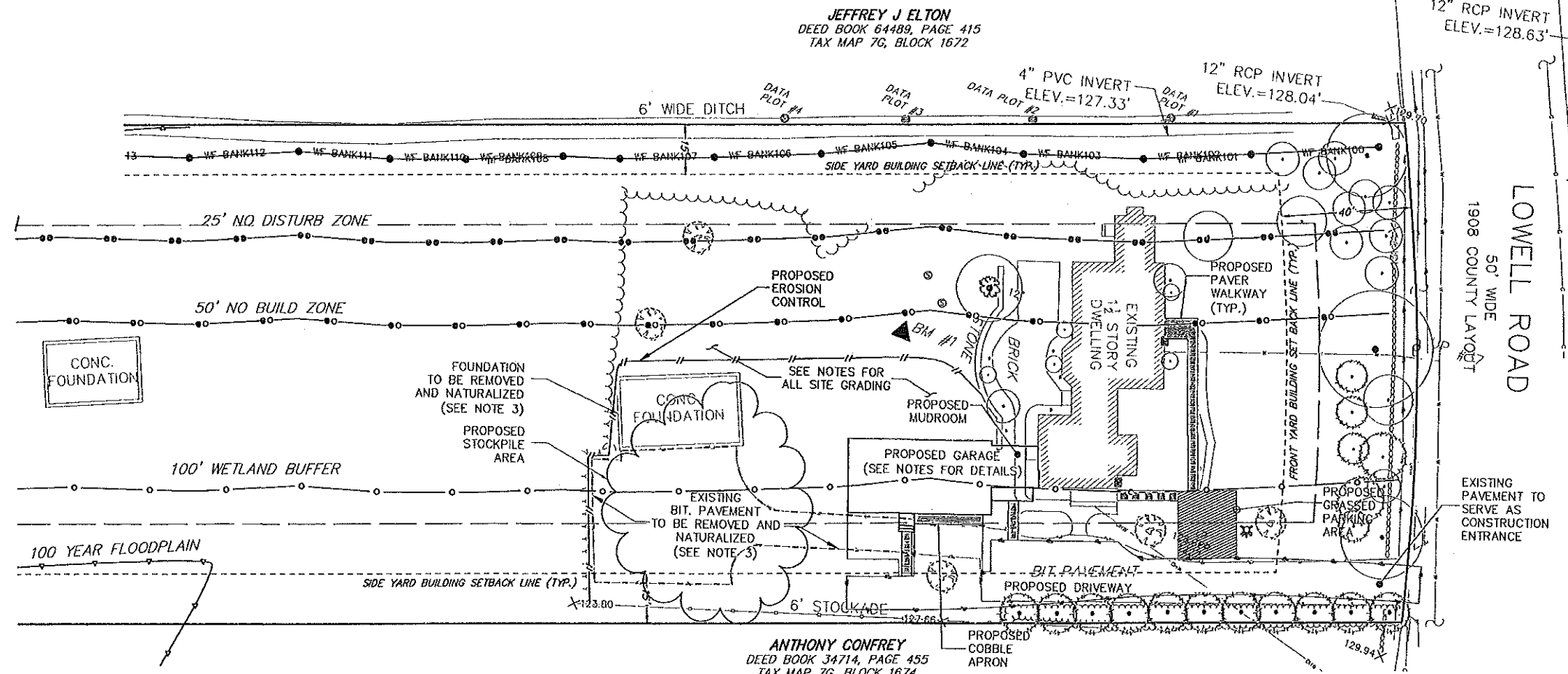
1. THE CONTRACTOR SHALL HAVE A STOCKPILE OF MATERIALS REQUIRED TO CONTROL EROSION ON-SITE TO BE USED TO SUPPLEMENT OR REPAIR EROSION CONTROL DEVICES. THESE MATERIALS SHALL INCLUDE, BUT ARE NOT LIMITED TO, STRAW WATTLES AND CRUSHED STONE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION CONTROL ON-SITE AND SHALL UTILIZE EROSION CONTROL MEASURES WHERE NEEDED REGARDLESS OF WHETHER THE MEASURES ARE SPECIFIED ON THE PLAN OR WITHIN THE PERMIT DECISIONS.

PRELIMINARY SITE WORK

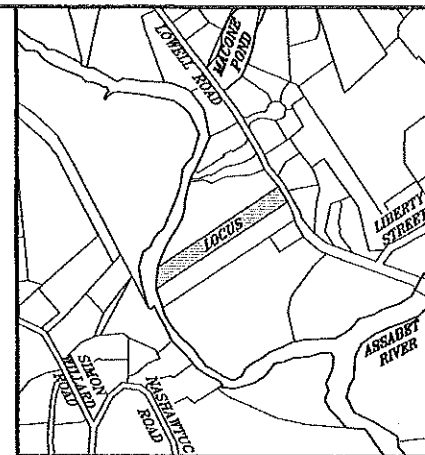
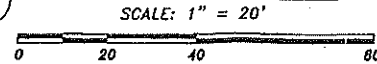
1. MATERIALS, SUCH AS GRAVEL TO BE REMOVED, SHOULD BE STOCKPILED, SEPARATING THE TOPSOIL FOR FUTURE USE ON-SITE. EROSION CONTROL SHALL BE UTILIZED ALONG THE DOWN SLOPE SIDE OF THE PILES IF THE PILES ARE TO REMAIN FOR MORE THAN THREE WEEKS.
2. IF INTENSE RAINFALL IS ANTICIPATED, THE INSTALLATION OF SUPPLEMENTAL STRAW BALES SHALL BE CONSIDERED.



STRAW WATTLE INSTALLATION
NOT TO SCALE



PROPOSED SITE LAYOUT
SCALE: 1" = 20'



399
LOWELL
ROAD

Concord, Massachusetts 01742

ASSESSORS:

Tax Map 7G, Block 1673

PREPARED FOR:

**JULIA
MINER, AIA**
EAST SIDE STUDIO
ARCHITECTS

2 Lexington Road
Concord, Massachusetts 01742

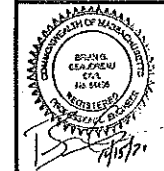
**HANCOCK
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| DATE: | 10/06/20 | DRAWN BY: | JCR |
| SCALE: | 1" = 20' | CHECK BY: | BGG |

**PROPOSED
SITE PLAN**

PROJECT DATE: Oct 15, 2020 2:50 pm
PATH: J:\11125-Lowell Rd - Concord\DWG

DWG: 21125-sp.3.dwg

LAYOUT: PSP(2)

SHEET: 3 OF 3

PROJECT NO.:

3

21125