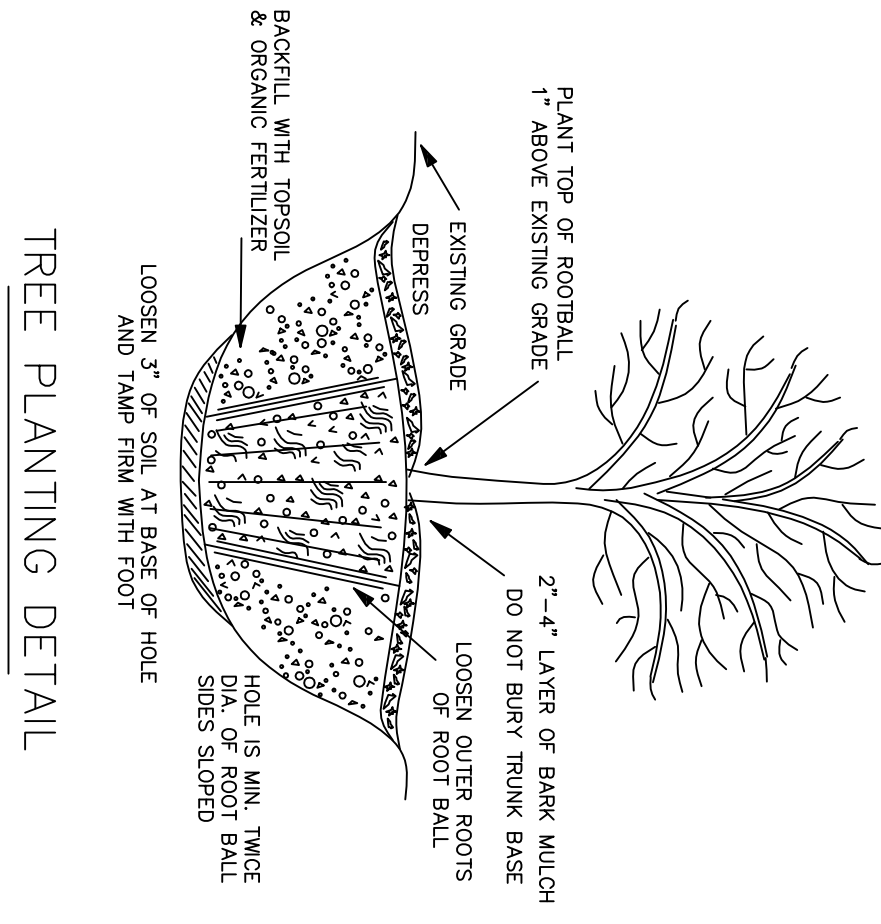
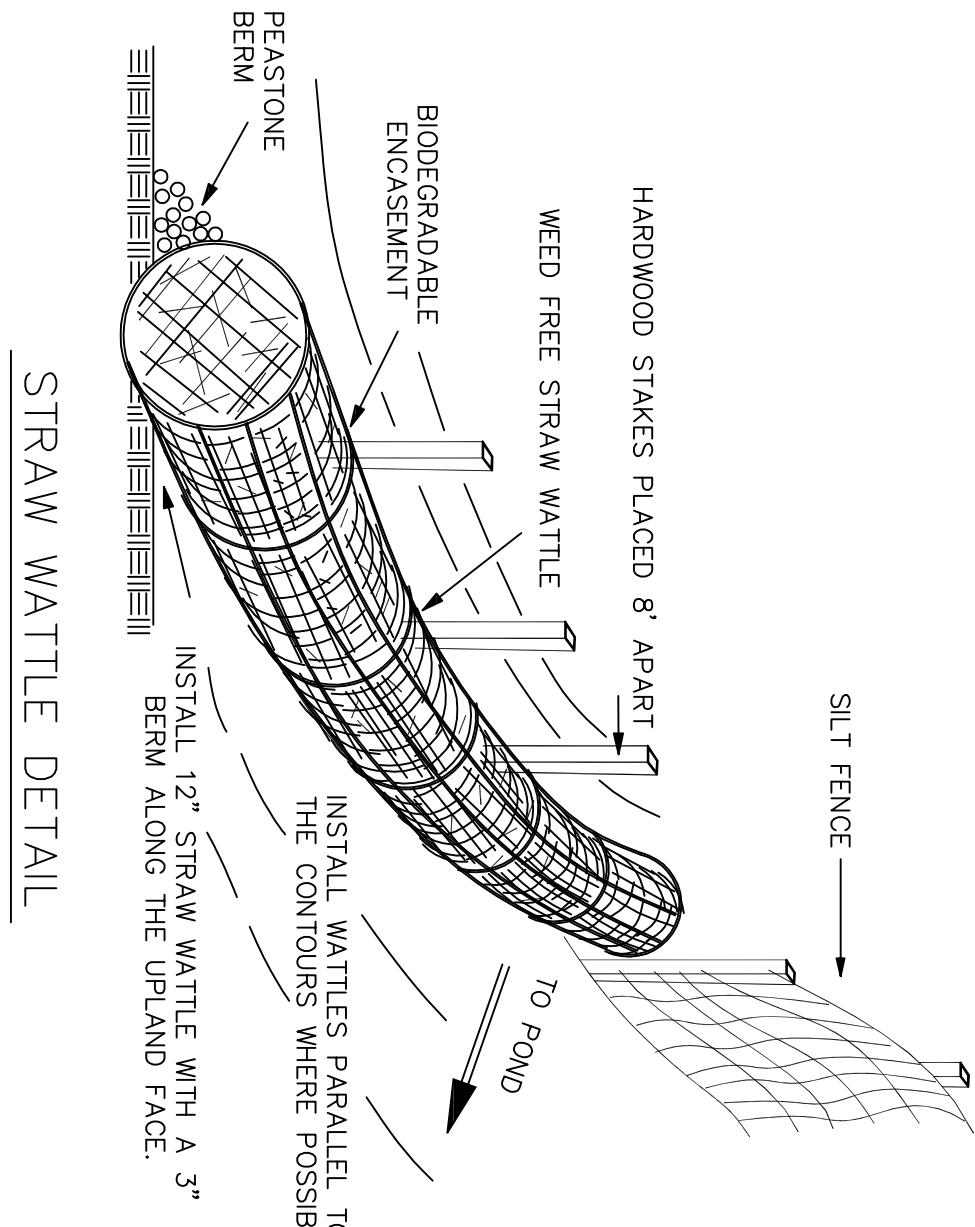


**LAWN PLANTING DETAIL**

USE NATIVE PLANTS - LOCALLY GROWN IN NEW ENGLAND TEMPERATE ZONE 5

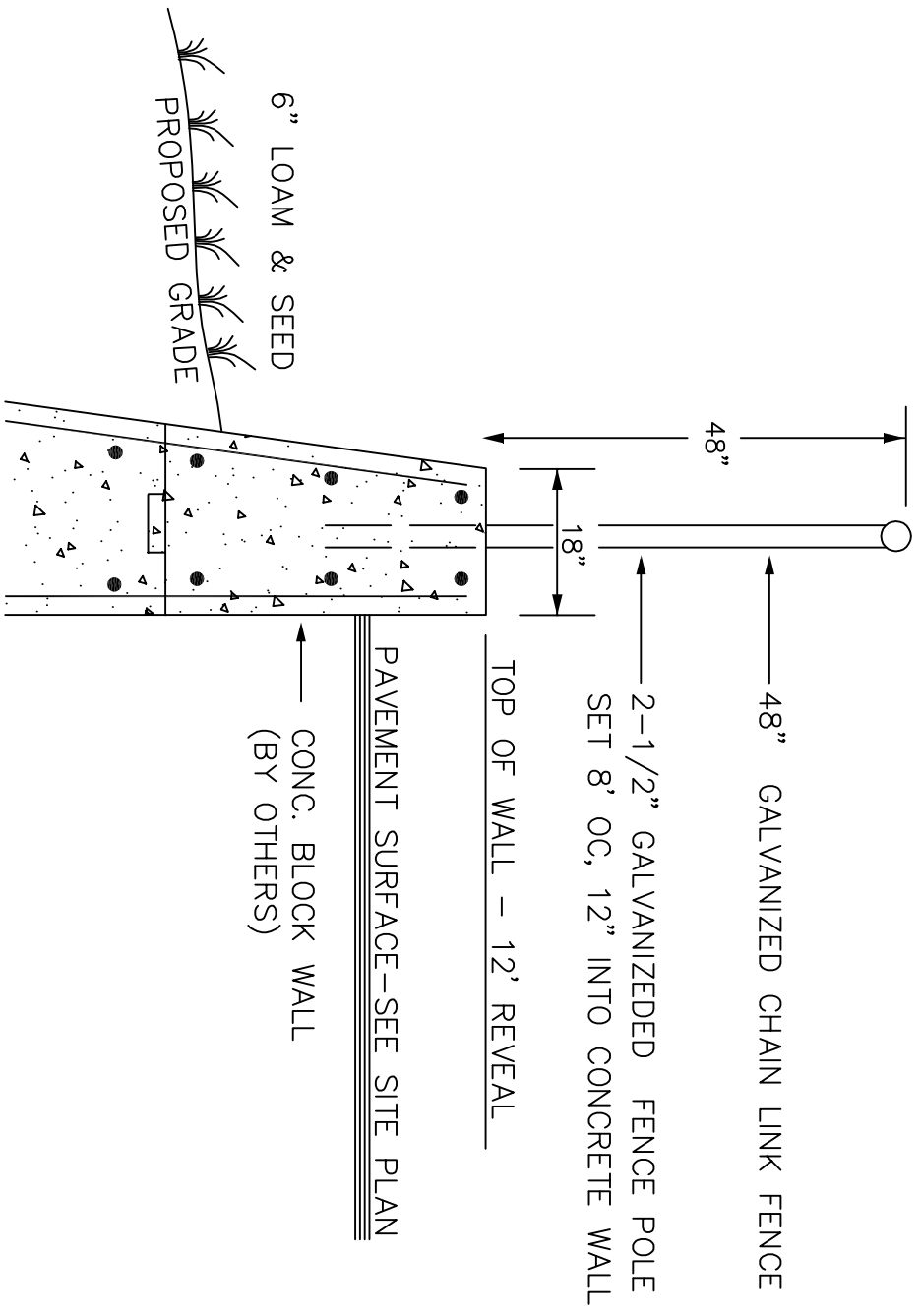


**TREE PLANTING DETAIL**



**STRAW WATTLE DETAIL**

EROSION CONTROLS ARE TO BE UPDATED AS REQUIRED DURING ALL CONSTRUCTION PHASES TO PREVENT SEDIMENTS FROM ENTERING DOROTHY POND.

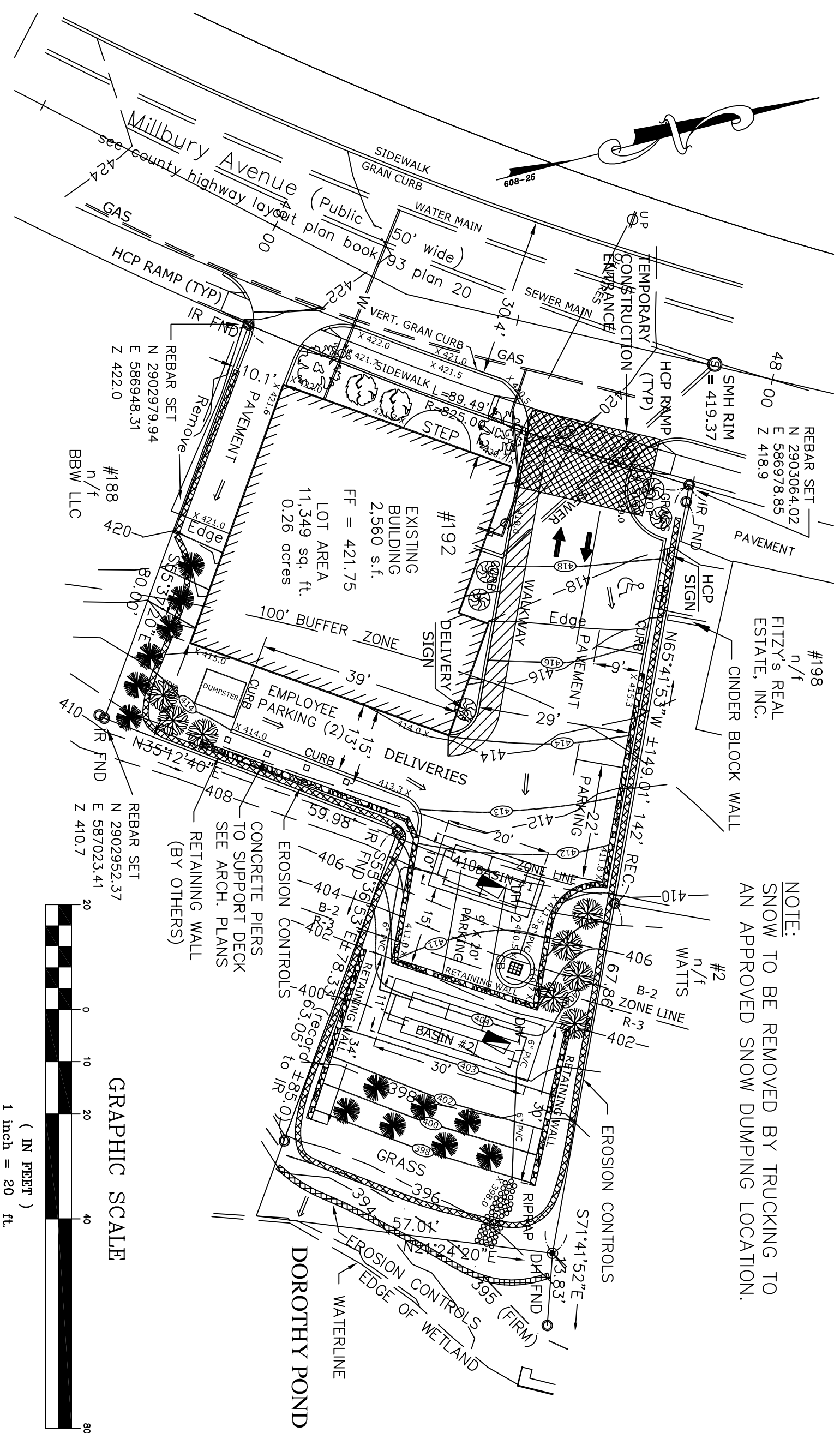
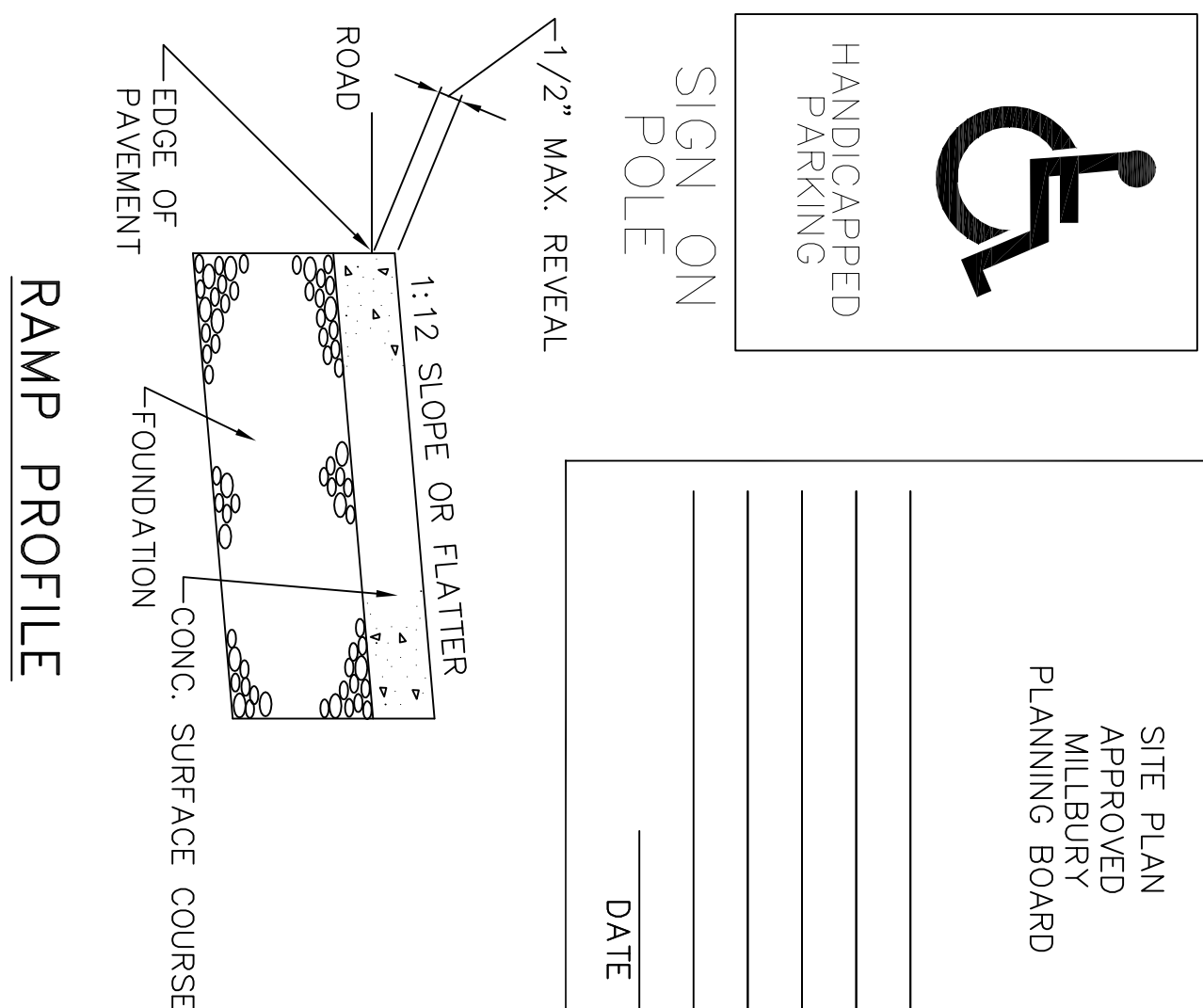
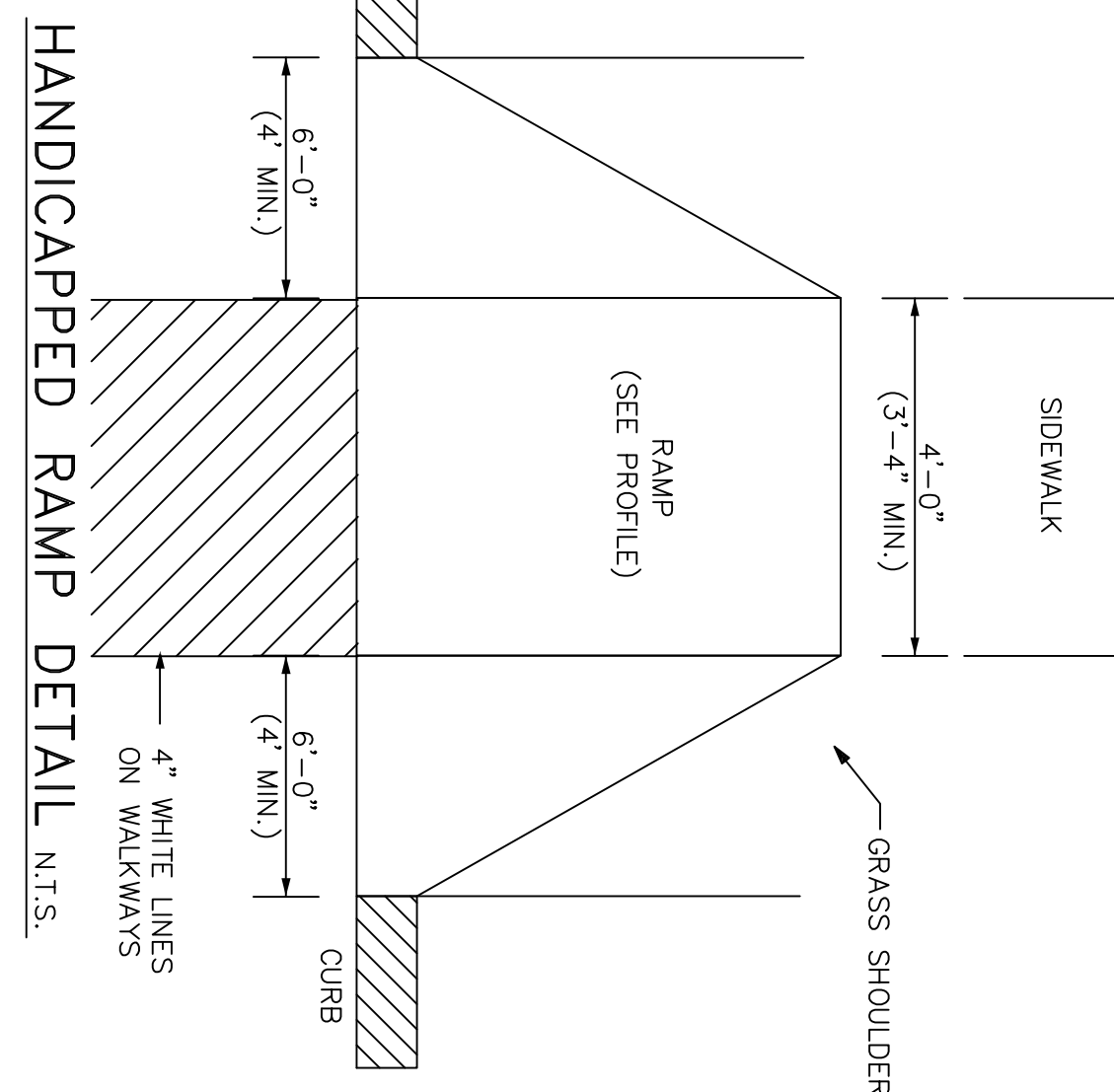


**LIST OF PLANT MATERIALS**

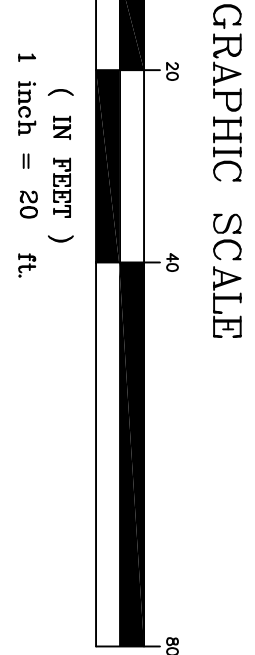
- USE NATIVE PLANTS - LOCALLY GROWN IN NEW ENGLAND TEMPERATE ZONE 5
- 2 MAUS Florida, Flowering Crab 2 1/2" Dia.
  - 8 THUJA Occidentalis, Emerald Arborvitae 4" Tall
  - 6 JUNIPERUS Sargentii, Sargent Juniper 18" Tall
  - 7 JUNIPERUS Pfitzeriana, Pfitzer Juniper 18" Tall
  - 2 RHODODENDRON Catawbiense, Pink Rhododendron 18" Tall

**SEC 33.2 PARKING REQUIREMENTS**

Three (3) parking spaces per two-bedroom, multi-family dwelling.  
Two (2) parking spaces for business employees. One (1) HCP Parking  
Total of 9 spaces provided.



**LANDSCAPE PLAN**



EXISTING GRADE = 401.0

10"	"A"	SANDY LOAM 10R 3/2
30"	"Bw"	SANDY LOAM 10R 6/8
78"	"C"	GRAVELY SAND MERIMAC FSL 2.5Y 6/4
96"	MOTTLED WET	

**SOIL LOG 1**

JULY 1, 2021  
192 MILLBURY AVE.  
MILLBURY, MA

EXISTING GRADE = 408.0

48"	"FILL"	GRAVEL
70"	"Bw"	SANDY LOAM 10R 6/8
102"	"C"	GRAVELY SAND MERIMAC FSL 2.5Y 6/4
	NO NOTES DRY	

**SOIL LOG 2**

JULY 1, 2021  
192 MILLBURY AVE.  
MILLBURY, MA



**NORMAN G. HILL, PE**  
DATE: 10-19-2021  
**LAND PLANNING, INC.**  
214 Worcester Street  
North Grafton, Massachusetts 01536

ALL EXISTING UTILITIES ARE TO BE CONSIDERED AS APPROXIMATE ONLY. THE PROPOSED SITE IS TO BE SERVICED WITH MUNICIPAL WATER, SEWER, GAS, TEL. & ELECTRIC AS REQUIRED.

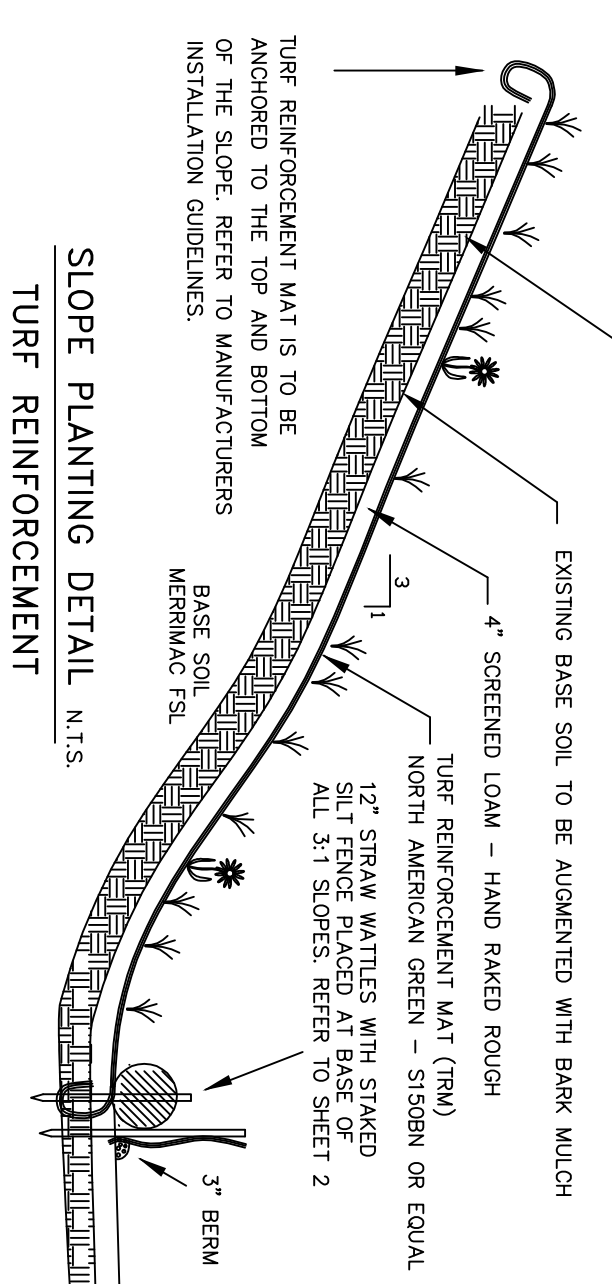
**MAINTENANCE - STORMWATER MANAGEMENT SYSTEM**

192 MILLBURY AVE., MILLBURY, MASSACHUSETTS

THE STORMWATER MANAGEMENT SYSTEM CONSISTS OF A HYDRODYNAMIC DRAINAGE SEPARATOR AND STONE LINED SUBSURFACE INFILTRATION CHAMBERS. THESE STRUCTURES ARE TO BE INSPECTED BI-ANNUALLY TO DETERMINE IF THEY ARE DRAINING PROPERLY AND OR REQUIRE MAINTENANCE. NO TREES OR SHRUBS ARE TO BE PLANTED OR ALLOWED TO GROW WITHIN THE TRENCHES AND SWALES. THE SUBSURFACE INFILTRATION CHAMBERS ARE TO BE KEPT CLEAN OF DEBRIS AND ORGANIC MATTER. ALL DOWNSPUTS ARE TO BE SEALED AT THE BASE. THE FILTER BOX IS TO BE INSPECTED DURING SPRING AND FALL AND CLEANED AS NECESSARY. THE LANDOWNER IS TO BE PROVIDED WITH COPIES OF THE APPROVED SITE PLANS, ORDER OF CONDITIONS AND STORMWATER MANAGEMENT DOCUMENTS.

THE EROSION CONTROLS HAVE BEEN SHOWN IN A GENERAL MANNER. DURING THE COURSE OF THE PROJECT, THE EROSION CONTROLS WILL NEED TO BE INSPECTED AND UPDATED ON A DAILY BASIS RELATIVE TO EXISTING WEATHER CONDITIONS. ALL AREAS SUBJECT TO EROSION ARE TO BE REPAIRED IMMEDIATELY. TEMPORARY BASINS ARE TO BE CONSTRUCTED AS NEEDED.

LANDSCAPED SLOPES - ALL SLOPES GREATER THAN 3 TO 1 ARE TO BE COVERED WITH A MINIMUM OF 4" OF HARDWOOD BARK MULCH AND TAMPED IN PLACE. AREAS SUBJECT TO EROSION ARE TO BE STABILIZED WITH 4" RIP RAP AS REQUIRED.



**SLOPE PLANTING DETAIL N.T.S.**

ALL SLOPES GREATER THAN 3:1 ARE TO BE STABILIZED WITH A TURF REINFORCEMENT MAT (TRM) MANUFACTURED TO MEET THE FOLLOWING SPECIFICATIONS.

FUNCTIONAL LONGEVITY = 12 MONTHS  
FUNCTIONAL WIDTH = 12 FEET  
FUNCTIONAL LENGTH = 12 FEET  
FUNCTIONAL WEIGHT = 100 LBS/ROLL  
FUNCTIONAL TENSILE STRENGTH = 156 X 110 LBS/FT  
FUNCTIONAL SHEAR STRESS = 1.80 LBS/FT<sup>2</sup>

DEP FILE # CERO 224-0926

DESIGNED BY: R. G. Murphy  
DRAWN BY: R. G. Murphy  
SCALE: 1" = 20'  
DATE: 8-25-2021  
SHEET: 3 OF 3

**ROBERT G. MURPHY & ASSOC., INC.**  
ENVIRONMENTAL CONSULTANTS  
214 Worcester Street  
North Grafton, Massachusetts 01536  
(508) 839-0310  
Fax: (508) 839-5914

**LANDSCAPE PLAN**  
192 MILLBURY AVE.  
MILLBURY, MASSACHUSETTS  
LANDSCAPE PLAN

REVISIONS: 45 PER STATE REVIEW DATED 9-24-21, ROW 10-19-2021