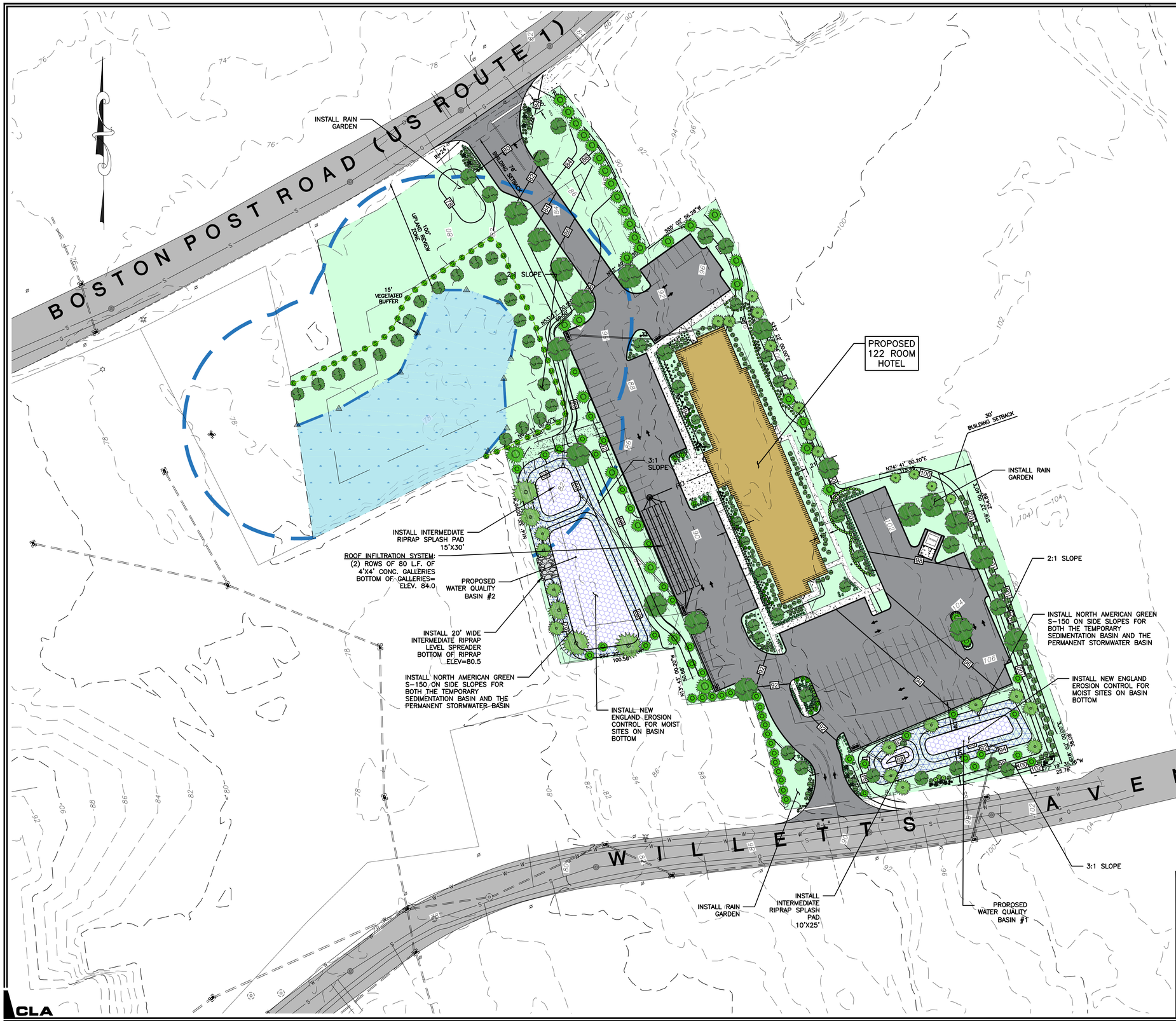

SEED MIX FOR STORMWATER POND

THE NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES CONTAINS A SELECTION OF NATIVE GRASSES AND WILDFLOWERS DESIGNED TO COLONIZE RECENTLY DISTURBED SITES WHERE QUICK GROWTH OF VEGETATION IS DESIRED TO STABILIZE THE SOIL SURFACE. IT IS AN EXCELLENT SEED MIX FOR ECOLOGICALLY APPROPRIATE RESTORATIONS ON MOIST SITES THAT REQUIRE QUICK STABILIZATION AS WELL AS LONG-TERM ESTABLISHMENT OF NATIVE VEGETATION. THIS MIX IS PARTICULARLY APPROPRIATE FOR DETENTION BASIS THAT DO NOT NORMALLY HOLD STANDING WATER. SOME PLANTS IN THIS MIX CAN TOLERATE INFREQUENT INUNDATION, BUT NOT CONSTANT FLOODING.

SEEDING: THE MIX MAY BE APPLIED BY HYDROSEEDING, BY MECHANICAL SPREADER, BY HYDRO-SEEDING OR ON SMALL SITES IT CAN BE SPREAD BY HAND. WHEN APPLYING ON BARE SOIL, RAKE THE SOIL TO CREATE GROOVES, APPLY SEED, THEN LIGHTLY RAKE OVER. IN NEW ENGLAND, THE BEST RESULTS ARE OBTAINED WITH A SPRING OR EARLY FALL SEEDING. SUMMER AND LATE FALL SEEDING WILL BENEFIT WITH A LIGHT MULCHING OF WEED-FREE STRAW TO CONSERVE MOISTURE. LATE FALL AND WINTER DORMANT SEEDING REQUIRE A SLIGHT INCREASE IN THE SEEDING RATE. FERTILIZATION IS NOT REQUIRED UNLESS THE SOILS ARE PARTICULARLY INFERTILE.

APPLICATION RATE: 35 LBS/ACRE (1250 SQ. FT./LB.)

SPECIES *: SWITCHGRASS (PANICUM VIRGATUM), VIRGINIA WILD RYE (ELYMUS VIRGINICUS), CREEPING RED FESCUE (FESTUCA RUBRA), FOX SEDGE (CAREX VULPINOIDEA), CREEPING BENTGRASS (AGROSTIS STOLONIFERA), SOFT RUSH (JUNCUS EFFUSUS), NEW ENGLAND ASTER (ASTER NOVAE-ANGLIAE), GRASS-LEAVED GOLDENROD (EUTHAMIA GRAMINIFOLIA), GREEN BULRUSH (SCIRPUS ATROVIRENS), BONESET (EUPATORIUM PERFOLIATUM), BLUE VERVAIN (VERBENA HASTATA) UPLAND BENTGRASS (AGROSTIS PERENNANS), BIG BLUESTEM, NIAGRA (ANDROPOGON GERARDII), SENSITIVE FERN (ONOCLEA SENSIBILIS), LITTLE BLUESTEM (SCHIZACHYRIUM SCOPARIUM), WOOLGRASS (SCIRPUS CYPERINUS).

SEED MIX FOR PERIMETER SLOPES

THE NEW ENGLAND NATIVE WARM SEASON GRASS MIX CONTAINS A BROAD SPECTRUM OF NATIVE WARM SEASON GRASSES TO ENSURE THAT A VARIETY OF THE SPECIES WILL SURVIVE IN THE SANDY AND DROUGHTY CONDITIONS TYPICALLY FOUND ALONG ROADSIDES, GRAVEL MINE RECLAMATION AREAS, AND OTHER LOW-FERTILITY, WELL-DRAINED SOIL CONDITIONS. THIS MIX IS SOMEWHAT SLOW TO GERMINATE AND ESTABLISH DURING THE FIRST YEAR OF PLANTING, BUT IT WILL PRODUCE GOOD COVER BY THE END OF THE SECOND GROWING SEASON AND ESTABLISH LONG-LIVING NATIVE STANDS. COOL SEASON RYE GRASS AND FESCUE HAVE BEEN ADDED AS A "STARTER" SEED FOR EROSION CONTROL. THIS MIX HAS EXCELLENT HEAT AND DROUGHT TOLERANCE, AND GROWS WELL IN WELL-DRAINED SOILS. WARM SEASON GRASSES PROVIDE EXCELLENT YEAR-ROUND COVER AND FOOD FOR WILDLIFE, PARTICULARLY AS WINTER COVER FOR SMALL ANIMALS.
SEEDING: THIS MIX MAY BE APPLIED BY HYDRO SEEDING ON SLOPES, BY MECHANICAL SPREADER, OR ON SMALL SITES IT MAY BE SPREAD BY HAND. IN NEW ENGLAND, THE BEST RESULTS ARE OBTAINED WITH A MID-LATE SPRING SEEDING. APPLICATION RATE: 23 LBS/ACRE (1900 SQ. FT./LB)

NOTES:

1. INSTALL TEMPORARY SEDIMENTATION BASINS #1 & 2 AS SHOWN PRIOR TO THE START OF CONSTRUCTION.
2. ONCE THE SITE IS STABILIZED, REMOVE ALL SEDIMENT FROM WATER QUALITY BASINS.
3. REMOVE AN ADDITIONAL 2 FT. OF MATERIAL AND INSTALL 12" OF TOPSOIL.

THE FOLLOWING SEEDING MIXTURES SHALL BE PROVIDED ON ALL DISTURBED AREAS.

KENTUCKY BLUE GRASS	20 LB's/AC
CREEPING RED FESCUE	20 LB's/AC
PERENNIAL RYEGRASS	5 LB's/AC

NOTE: SITE GRADING SEEDING TO BE USED IN ALL DISTURBED AREAS

PERIMETER SLOPES SEED MIX

WETLAND MIX (NEW ENGLAND EROSION CONTROL/RESTORATION FOR MOIST SITES)

No.	DATE	REVISION

CLA Engineers, Inc.
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WATERFORD, CT

295 & 313 WILLETTS AVENUE

PLANTING PLAN

Project No. CLA-7401
Proj. Engineer E.M.B.
Date: 1/17/23
Sheet No. 13

CLA

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