LOWER EAST SIDE LIVING MEMORIALS PROJECT

SUGGESTED PLANTS:

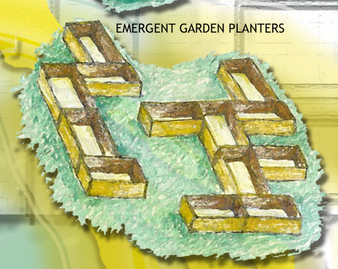
**MEMORIAL GROVE*
SALIX MATSUDANA 'TORTUOSA' - CORKSCREW WILLOW
BETULA NIGRA 'HERITAGE' - HERITAGE RIVER BIRCH
FARGESIA DRACOCEPHALA - DRAGON'S HEAD BAMBOO
FARGESIA MURIELAE - UMBRELLA BAMBOO
FARGESIA NITIDA 'EMS RIVER' - HARDY BLUE BAMBOO
FARGESIA NITIDA 'MCCLURE' - HARDY BLUE BAMBOO
FARGESIA NITIDA 'NYMPHENBERG' - HARDY BLUE BAMBOO
FARGESIA ROBUSTA - BAMBOO
SALIX PURPUREA 'STREAMCO' - BASKET WILLOW
BETULA PAPYRIFERA 'SNOWY TN' - SNOWY TN PAPER BIRCH

**RIBBONS OF GRASS*
MISCANTHUS 'PURPURASCENS'
MISCANTHUS SINENSIS 'GRACILLIMUS'
MISCANTHUS SINENSIS 'VARIEGATUS'
MISCANTHUS SINENSIS 'ZEBRINUS'
MISCANTHUS SINENSIS 'BLONDO'
MISCANTHUS SINENSIS 'FLAMINGO'
MISCANTHUS SINENSIS 'GRAZIELLA'
MISCANTHUS SINENSIS 'HINJO' (LITTLE NICKY)
MISCANTHUS SINENSIS 'MALEPARTUS'
MISCANTHUS SINENSIS 'MORNING LIGHT'
MISCANTHUS SINENSIS 'SARABANDE'
CHASMANTHIUM LATIFOLIUM
ANDROPOGON GERARDII
ANDROPOGON VIRGINICUS

SELECTED GROUNDCOVERS
PAXISTIMA CANBYII - CANBY PAXISTIMA
PACHYSANDRA PROCUMBENS 'FOREST GREEN' - ALLEGHENY PACHYSANDRA
VINCA MINOR - COMMON PERIWINKLE

SELECTED SHRUBS
ILEX VERTICILLATA 'SPARKLEBERRY' - WINTERBERRY
CORNUS STOLONIFERA (ALBA) 'CARDINAL' - RED TWIG DOWOOD
PHYSOCARPUS OPULIFOLIUS 'DIABLO' - COMMON NINEBARK
VIBURNUM CARLESII 'CAYUGA' - KOREAN SPICE VIBURNUM
VIBURNUM RHYTIDOPHYLLOIDES 'DART'S DUKE' - LANTANAPHYLLUM VIBURNUM

SELECTED TREES
ACER PALMATUM 'ATROPURPUREUM' - JAPANESE MAPLE
ACER PALMATUM 'BURGUNDY LACE' - JAPANESE MAPLE
ACER PALMATUM VAR. DISSECTUM - JAPANESE MAPLE
LIQUIDAMBAR STYRACIFLUA - SWEETGUM
PLATANUS X ACERIFOLIA - LONDONPLANE TREE
GLEDITSIA TRIACANTHOS VAR. INERMIS - HONEYLOCUST
NYSSA SYLVATICA - SOURGUM
PINUS SYLVESTRIS - SCOTCH PINE
PINUS FLEXILIS - LIMBER PINE



THE LIVING MEMORIAL DESIGN PROJECT PROVIDES OPPORTUNITIES FOR NEIGHBORHOODS TO RE-INVEST IN COMMUNITIES THROUGH COLLABORATIVE LANDSCAPE DESIGN. BY POSITIVELY DIRECTING LOCAL AND GLOBAL REACTION TO CONTEMPORARY INTERNATIONAL CONFLICT, THE LIVING MEMORIALS CREATE A PROCESS AND PLACE FOR RESPONSE AND REFLECTION. SUBSEQUENTLY, THE PROJECT FOCUSES ACTION TOWARD COMMUNITY GARDENS.

THE GARDEN CONCEPT RESTS ON A SERIES OF DESIGN ELEMENTS INTENDED TO TIE THE GARDEN TOGETHER AND PROVIDE A FOCUSED, USABLE CENTER. IN THIS SENSE, THE DESIGN ONLY DIRECTS MINIMAL CHANGE WITHIN THE GARDEN'S EXISTING INFRASTRUCTURE. RATHER, THE DESIGN OVERLAYS A SEQUENCE OF EVENTS AND THEMES, ARTICULATING THE GARDEN'S CURRENT CHARACTER.

NOTES:
+SITE ANALYSIS HAS REVEALED SOILS OF VARYING PH LEVELS AND TEXTURES. THE MAJORITY OF SOILS ARE IN THE NEUTRAL TO BASIC RANGE (7.0 - 7.5).
+LAB RESULTS INDICATE HIGH LEVELS OF THE FOLLOWING:
PHOSPHOROUS
POTASSIUM
MAGNESIUM
CALCIUM
+LAB TESTS REVEALED NO HEAVY METAL TOXICITY.

NORTHEAST PERSPECTIVE ENTERING MEMORIAL GROVE

THE LIVING MEMORIAL GROVE SURROUNDS THE EXISTING WETLAND, FOCUSING ATTENTION INWARD. RIVER BIRCH, CORKSCREW WILLOW, AND CLUMPING BAMBOO CREATE RICH, YEAR-ROUND TEXTURE. A WINDING PATH WEAVES ITS WAY THROUGH A BUTTERFLY GARDEN... A QUIET, FOCUSED SPACE WITHIN A COMMUNITY GARDEN, WITHIN A BUSTLING CITY.

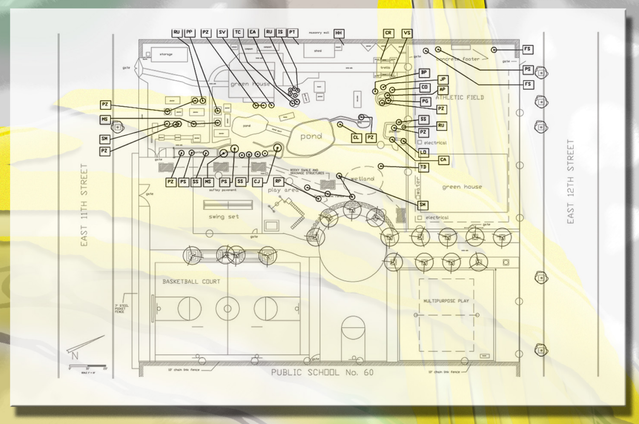
EMERGENT PLANTERS/RIBBONS OF GRASS

THE EMERGENT GARDEN UTILIZES A SYSTEM OF INTERLOCKING POSTS AND PLANTING PANELS TO CREATE A FLEXIBLE, ELASTIC SYSTEM OF COMMUNITY GARDEN PLOTS. AT EACH JOINT, AN OPPORTUNITY IS CREATED TO EXTEND THE BED IN SEVERAL DIRECTIONS. THE BED EXPANSION THAT EMERGES IS RELIANT ON COMMUNITY-BASED DECISION MAKING AND COOPERATION. THE EMERGENT GARDEN ENCOURAGES SPONTANEITY AND FLEXIBILITY AND ACTIVELY PROMOTES THE GARDEN'S ORGANIC, COMMUNITY-BASED GROWTH.

CLIMBING WALL/RIBBON OF GRASS/ATHLETIC FIELD

A RIBBON OF ORNAMENTAL GRASSES CREATE A LIVING, ORGANIC THREAD WHICH WEAVES AROUND A PROPOSED PATH SYSTEM AND TIES THE GARDEN'S DIVERSE FUNCTIONS TOGETHER. AT POINTS THE RIBBON IS INLAID WITH RICHLY COLORED MOSAIC TILES. THE RIBBON CONCEPT IS EXTENDED TO A CURVING CONCRETE CLIMBING WALL, CASED IN RUBBER.

EXISTING SITE CONDITIONS/PLANTS



NOTE:
IN ORDER TO PROVIDE THE PROPOSED PLANTS WITH THE GREATEST POTENTIAL FOR LONG, HEALTHY LIVES, THE SITE'S EXISTING SOIL SHOULD BE AMMENDED WITH 25% ORGANIC MATTER, BY VOLUME. OPTIMAL SOIL PH RANGE IS 7.0-7.2 (NEUTRAL) WITH A SANDY LOAM TEXTURE. MANY TREE PLANTINGS MAY REQUIRE RAISED BEDS IN ORDER TO ATTAIN A SUGGESTED AMMENDED SOIL DEPTH OF 36". IDEALY, A MOIST, WELL DRAINED SOIL WOULD BE MOST SUITABLE FOR MOST SPECIFIED PLANTS.

*MANY FORMS OF GRASSES AND BAMBOO POSSESS INVASIVE POTENTIAL. THE SUGGESTED PLANTS ARE CLUMPING FORMS WHICH DO NOT SPREAD AS RAPIDLY OR AS EASILY AS RUNNING FORMS. STILL, INVASIVENESS IS A POTENTIAL PROBLEM, AND CARE SHOULD BE TAKEN TO ENSURE THAT PLANT SELECTION FITS BOTH THE GARDEN ECOSYSTEM AND THE DESIRED AESTHETIC. FOR MORE INFORMATION REGARDING POTENTIAL INVASIVENESS, PLEASE CONTACT THE CORNELL UNIVERSITY DEPARTMENT OF HORTICULTURE.

USDA LIVING MEMORIALS PROJECT
DESIGN COLLABORATIVE
CORNELL UNIVERSITY
BASSUK & TROWBRIDGE

JEREMY KANE
JOSHUA PRICE