

**PROPOSED GODDARD SCHOOL**  
12,752 S.F.  
193 CENTRAL STREET  
FIRST FLOOR = 55.0

**HARMFUL PLANT LIST**  
APPENDIX 'C'  
Harmful Plant List From  
The Children's Hospital of Pittsburgh.

Plants in this list shall not be used anywhere on this project, either inside the play area fencing, outside the fencing, or anywhere within the site boundaries. If such plant species are existing on site prior to construction, all such material shall be removed.

Scientific Name	Common Name
Malus sylvestris	Amelone Apple Aronia Aronia Leaves Bald Nut Palm
Cassia pinnata	Bird-of-Paradise Shrub Black Locust, White Locust Buckeyes Buttercup Castor Oil Plant, Castor Bean Choke Cherry Common Privet, etc...
Narcissus	Crocus - Autumn Daffodil, Jonquil Daphne Deadly nightshade Dent's hy Dumb cane, Elephant ear Elder Elephant Ear European Bittersweet, Deadly Nightshade Fancy-leaf Caladium Four O'Clock Foxglove Holy, etc...
Daffodil	Horsetail Reed Hedera Helix Solanum dulcamara
Caladium	Hyacinth Hydrangea macrophylla Iris
Digitalis	Ilex species
Hyacinthus orientalis	Jasmine, Jessamine Jewelweed Jerusalem Cherry Jimsonweed, Thorn Apple, Angel's Trumpet
Solanum pseudocapsicum	Lantana, Bunchberry, Red Sage Larkspur, Crowfoot Laurels
Lantana	Lily of the Valley Lobelia Marijuana Mayapple, Mandrake, Ground Lemon Mistletoe Muskroot
Podophyllum peltatum	Monkshood Mandrake, Angel's Trumpet, Locoweed Moneses Morning Glory Oleander Peach, Plum, Cherry, Apricot Periwinkle Peyote (mescal) Philodendron Poison Hemlock, False Parsley Poison Ivy Poison Oak Pokeweed, Inkberry Poppy (California Poppy exempt) Potato Vines Primrose Ranunculus
Datura meteloides	Rhododendron, Azalea Rhubarb Star of Bethlehem Sweet Pea Swiss Cheese Plant, Cernian Tobacco Tomato Vines Tulip Virginia Creeper, American Ivy Water Hemlock
Ipomoea violacea	Wisteria species
Nerium oleander	Yellow Jessamine, Carolina Jessamine Yew (Japanese)
Prunus species	
Conium maculatum	
Phytolacca americana	
Rhododendron	
Rheum rhabarbarum	
Lathyrus odoratus	
Monstera	
Parthenocissus quinquefolia	
Cicuta maculata	
Wisteria species	
Gelsemium sempervirens	
Taxus	

**ADDITIONAL TREE LIST**

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	NOTES	SYMBOL
RB	4	BETULIA NIGRA	RIVER BIRCH	8'-10' HEIGHT	

**TOWN OF MILTON STREET/SHADE TREE INFORMATION**

TREES MUST BE SELECTED ONLY FROM THE ATTACHED LIST PREPARED BY THE MILTON SHADE TREE ADVISORY COMMITTEE. TREES UNDER THIS PROGRAM ARE ONLY PLANTED DURING THE MONTHS OF SEPTEMBER, OCTOBER, NOVEMBER, AND DECEMBER SO LONG AS WEATHER PERMITS.

**MILTON STAC RECOMMENDED TREE LIST IS BASED ON THE FOLLOWING CRITERIA:**

- ABILITY TO SURVIVE IN DIFFICULT URBAN CONDITIONS.
- NATIVE SPECIES (TO ATTRACT NATIVE BIRDS AND BUTTERFLIES)
- ATTRACTIVE
- PROVIDES APPROPRIATE LEVEL OF VISIBILITY FOR WALKERS AND DRIVERS
- DECIDUOUS TREES (NO EVERGREENS INCLUDED DUE TO VISIBILITY AND OTHER ISSUES)
- AVAILABILITY IN MASSACHUSETTS NURSERIES

**SOURCES:** ARBOR DAY FOUNDATION, THE LADY BIRD JOHNSON WILDFLOWER CENTER, UMASS URBAN FORESTRY PROGRAM, BOSTON PARKS DEPARTMENT, BROOKLYN BOTANICAL GARDENS, DIRR'S HANDBOOK OF WOODY PLANTS, NYC STREET TREE GUIDE, CORNELL UNIVERSITY HORTICULTURE DEPARTMENT, VARIOUS SHADE TREE COMMITTEES FROM ACROSS MASSACHUSETTS

**LANDSCAPER RESPONSIBILITIES**

- SET ALL EDGINGS 1" ABOVE FINISH GRADE AS SHOWN.
- EDGINGS SHALL ABUT ALL CONCRETE CURBS AND WALKS PERPENDICULAR, AND FLUSH W/ GRADES OF CONCRETE.
- ALL JOINTS TO BE SECURELY STAKED.
- ALL LANDSCAPING WILL BE IRRIGATED WITH AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM WHERE APPLICABLE. TREES AND SHRUBS (DRIP/BUBBLER) SHALL BE IRRIGATED BY A SODDED ZONE FROM SOD/GRASS (SPRAY). THIS INCLUDES TREES PLANTED IN SOD/GRASS AREA. THE SYSTEM IS TO HAVE A RAIN SENSOR SHUT-OFF REQUIRED.
- SOIL AMENDMENT FOR SODDED AREAS SHALL BE 4 CY. OF COMPOSTED ORGANIC MATTER PER 1,000 S.F. THE TOP 5" SHALL BE TOPSOIL AND SOIL AMENDMENT MIXTURE TILLED TO A MIN. DEPTH OF 12".
- IN ALL PLANTER BED AREAS THE BACKFILLED SOIL SHALL BE REMOVED TO A DEPTH OF 24" AND REPLACED WITH A MIXTURE OF 1/2 TOPSOIL WITH AMENDMENT AND 1/2 NATIVE SOIL COMPACTED TO 85% STD. DENSITY.
- IN BED AREAS HOLD TOP OF SUBGRADE 3"-4" BELOW ADJACENT IMPROVEMENTS FOR MULCHING.
- ALL SHRUB BEDS SHALL RECEIVE WATER-PERMEABLE WEED BARRIER FABRIC. FABRIC SHALL BE 3 OZ. SPUNBONDED POLYPROPYLENE WITH UV INHIBITORS TYPAR #3301 OR APPROVED EQUAL. PERENNIAL AND ORNAMENTAL GRASS AREAS SHALL NOT RECEIVE THE FABRIC.
- ALL SHRUB BEDS SHALL BE MULCHED WITH 3-4" DEPTH SHREDDED CEDAR - NATURAL COLOR. SUBMIT SAMPLES FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES AND STRUCTURES PRIOR TO DIGGING, EXCAVATION OR TRENCHING. DAMAGE TO UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR WITH NO EXPENSE TO THE OWNER.
- PLANTS SHALL MEET THE MINIMUM STANDARDS OUTLINED IN THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1 AND THE STATE NURSERY ACT AND ACCOMPANYING RULES & STANDARDS. ALL PLANT MATERIALS ARE SUBJECT TO APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. PLANTS NOT MEETING THE SET STANDARDS WILL BE REJECTED.
- ALL TREES IN SODDED AREAS WILL HAVE A MULCH RING WITH NATURAL CEDAR FIBER MULCH AT 3-4" DEPTH AND AT LEAST 3-4" IN DIAMETER. KEEP MULCH 4"-6" AWAY FROM TRUNKS.
- PLANT SPECIES AND LOCATIONS SHOULD FOLLOW APPROVED PLAN. IF SITE CONDITIONS OR PLANT AVAILABILITY REQUIRE CHANGES TO THE PLAN, CONTACT THE LANDSCAPE ARCHITECT AND GSI REPRESENTATIVE FOR CLARIFICATION.
- ALL PLANT MATERIAL SHALL CARRY A WARRANTY FOR A PERIOD OF NOT LESS THAN 3 YEARS AFTER ACCEPTANCE OF THE PROJECT BY THE OWNER. WARRANTY SHALL BE A ONE-TIME REPLACEMENT THAT INCLUDES PLANT MATERIAL AND LABOR COSTS.
- IRRIGATED TURF SHALL BE APPROVED REGIONAL GRASS BLEND, WITH 3 VARIETY BLEND MIN. (G.C. CONFIRM WITH LOCAL CODE FOR REQUIREMENTS).
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL PERTINENT SITE IMPROVEMENTS ALREADY INSTALLED PRIOR TO BEGINNING WORK. NO OWNER OF ANY CONFLICTS OR DISCREPANCIES WITH INFORMATION STATED IN THESE PLANS DO NOT PROCEED WITH CONSTRUCTION IF DISCREPANCIES EXIST WITHOUT OWNER APPROVAL.
- REFER TO GRADING DRAWINGS FOR TOPO/ELEVATIONS. ENSURE POSITIVE DRAINAGE (2% MIN. PREFERRED) IN ALL LANDSCAPE/TURF AREAS. SURFACES SHALL DRAIN AWAY FROM BUILDING FOUNDATIONS (5% MIN.) AND TO THE STREETS AND ALLEY. NOTIFY OWNER IF ROUGH GRADING CONDITIONS WILL CREATE PONDING ON SITE OR FLOW TOWARD FOUNDATIONS. ROUGH GRADES SHALL BE REVIEWED AND ACCEPTED BY THE OWNER PRIOR TO SOIL PREPARATION OPERATIONS.
- PROPOSED TREES IN THE R.O.W. SHALL BE PRE-APPROVED BY THE TOWN ARBOR AND SHALL BE A MINIMUM OF 20' FROM PROPERTY CORNERS AT INTERSECTIONS, 25' FROM STREET LIGHTS AND 10' FROM EDGE OF DRIVEWAYS, OR PER LOCAL CODE REQUIREMENTS.
- THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR ALL FIELD INSTALLATIONS AND SHALL REPORT ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD DELIVERIES TO GSI'S REPRESENTATIVE IMMEDIATELY. THE G.C. IS TO CONFIRM ALL QUANTITIES AFTER INSTALLATION, THAT ALL PLANTS AND MATERIALS ARE INSTALLED PER SPECIFICATIONS AND LANDSCAPE PLANS.
- LANDSCAPE ARCHITECT IS TO COORDINATE/PRODUCE AND SUBMIT IRRIGATION SPRINKLER DRAWINGS FOR REVIEW AND APPROVAL ONCE LANDSCAPE PLAN HAS BEEN REVIEWED AND APPROVED BY ARCHITECT AND GSI REPRESENTATIVE.

**LANDSCAPE EDGER DETAIL**  
NTS

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NTS

**GODDARD SCHOOL PROTOTYPE DETAIL**

NOTES:  
1. HOLD MULCH GRADE 1" BELOW EDGE OF WALK, EDGING, OR CURB  
2. HOLD BACK PLANTS 12" FROM EDGES.

**GODDARD SCHOOL PROTOTYPE DETAIL**

**TYPICAL CONSTRUCTION EDGES**  
NTS

NOTES:  
1. HOLD MULCH GRADE 1" BELOW EDGE OF WALK, EDGING, OR CURB  
2. HOLD BACK PLANTS 12" FROM EDGES.

**PERENNIAL PLANTING DETAIL**  
NTS

NOTES:  
1. DO NOT HEAVILY PRUNE SHRUBS AT PLANTING. PRUNE ONLY DEAD OR BROKEN BRANCHES. IF FORM IS COMPROMISED BY PLANTING, REPLACE SHRUB.  
2. REMOVE CONTAINER (INCLUDING FIBER CONTAINERS), BASKETS, WIRE, ETC. FROM THE ROOTBALL. BREAK-UP ENCLIRING ROOTS WITH SHARP KNIFE OR SPADE.  
3. PLACEMENT NOTES: SET SHRUB PLUMB. SPACE PLANTS AND PLACE FOR BEST AFFECT.

**GODDARD SCHOOL PROTOTYPE DETAIL**

**TYPICAL SHRUB DETAIL**  
NTS

NOTES:  
1. DO NOT HEAVILY PRUNE SHRUBS AT PLANTING. PRUNE ONLY DEAD OR BROKEN BRANCHES. IF FORM IS COMPROMISED BY PLANTING, REPLACE SHRUB.  
2. REMOVE CONTAINER (INCLUDING FIBER CONTAINERS), BASKETS, WIRE, ETC. FROM THE ROOTBALL. BREAK-UP ENCLIRING ROOTS WITH SHARP KNIFE OR SPADE.  
3. PLACEMENT NOTES: SET SHRUB PLUMB. SPACE PLANTS AND PLACE FOR BEST AFFECT.

**LANDSCAPE PLAN**  
THE GODDARD SCHOOL  
193 CENTRAL AVENUE  
MILTON, MASSACHUSETTS

**LANDSCAPE PLAN (13 of 13)**

**L1.0**