

# QUANTITY SHEET

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS	ITEM #
<b>EVERGREEN SHRUBS</b>								
116	EA	JCH	Juniperus chinensis "Hetzi Glauca"	HETZ BLUE JUNIPER	18"	B&B		656.25
<b>SMALL DECIDUOUS TREES</b>								
44	EA	ACT	Amelanchier canadensis 'Trazam'	TRAZAM SERVICEBERRY	1 3/4"-2" CAL	B&B	SPRING PLANTING	
51	EA	AGC	Amelanchier grandiflora 'Cumulus'	CUMULUS SERVICEBERRY	1 3/4"-2" CAL	B&B		
63	EA	ALS	Amelanchier laevis 'Snowcloud'	SNOWCLOUD SERVICEBERRY	1 3/4"-2" CAL	B&B		
14	EA	ATT	Acer tataricum	TATARIAN MAPLE	1 3/4"-2" CAL	B&B		
6	EA	MAC	Maackia amurensis	AMUR MAACKIA	1 3/4"-2" CAL	B&B		
42	EA	MBC	Malus baccata 'Columnaris'	COLUMNAR SIBERIAN CRAB	1 3/4"-2" CAL	B&B		
31	EA	MBW	Malus baccata 'Walters'	WALTERS SIBERIAN CRAB	1 3/4"-2" CAL	B&B		
41	EA	MHG	Malus 'Harvest Gold'	HARVEST GOLD CRABAPPLE	1 3/4"-2" CAL	B&B		
71	EA	MSS	Malus 'Spring Snow'	SPRING SNOW CRABAPPLE	1 3/4"-2" CAL	B&B		
31	EA	SRS	Syringa reticulata 'Ivory Silk'	IVORY SILK TREE LILAC	1 3/4"-2" CAL	B&B		
<b>MEDIUM DECIDUOUS TREES</b>								
44	EA	PCS	Pyrus calleryana "Cleveland Select"	CLEVELAND SELECT PEAR	2"-2 1/2" CAL	B&B	SPRING PLANTING	656.30
<b>LARGE DECIDUOUS TREES</b>								
18	EA	AAB	Acer x freemanii 'Autumn Blaze'	AUTUMN BLAZE MAPLE	2 1/2-3" CAL	B&B	SPRING PLANTING	
9	EA	ARM	Acer rubrum 'Northfire'	NORTHFIRE RED MAPLE	2 1/2-3" CAL	B&B	SPRING PLANTING	
8	EA	CTO	Celtis occidentalis	HACKBERRY	2 1/2-3" CAL	B&B	SPRING PLANTING	
3	EA	GTS	Gleditsia triacanthos inermis 'Shademaster'	SHADEMASTER HONEYLOCUST	2 1/2-3" CAL	B&B	SPRING PLANTING	
12	EA	QRB	Quercus rubra	RED OAK	2 1/2-3" CAL	B&B	SPRING PLANTING	
4	EA	QRM	Quercus macrocarpa	BURR OAK	2 1/2-3" CAL	B&B	SPRING PLANTING	
6	EA	ULM	Ulmus carpinifolia 'Accolade'	ACCOLADE ELM	2 1/2-3" CAL	B&B	SPRING PLANTING	
28	EA	ZGV	Zelkova serrata 'Green Vase'	GREEN VASE ZELKOVA	2 1/2-3" CAL	B&B	SPRING PLANTING	
<b>DECIDUOUS SHRUBS</b>								
69	EA	AAR	Aronia arbutifolia	RED CHOKEBERRY	36"	B&B		656.35
175	EA	RRU	Rosa rugosa	RUGOSA ROSE	18"	B&B		
<b>GROUND COVERS AND VINES</b>								
600	EA	SAC	Scirpus acutus	HARDSTEM BULRUSH	2"	PEAT POT	1'-0" O.C.	
3300	EA	SAM	Scirpus americanus	THREESQUARE	2"	PEAT POT	1'-0" O.C.	
3300	EA	SCY	Scirpus cyperinus	WOOLGRASS	2"	PEAT POT	1'-0" O.C.	
2200	EA	SVA	Scirpus validus	SOFTSTEM BULRUSH	2"	PEAT POT	1'-0" O.C.	

### GENERAL NOTES FOR PLANTING

- FERTILIZER:** MYCORRHIZAL SHALL BE APPLIED TO ALL NEW TREE AND SHRUB ROOTS PER MANUFACTURERS RECOMMENDATIONS.
- MULCH:** A 3 INCH LAYER OF AGED CEDAR BARK MULCH SHALL BE PLACED AROUND TREES AND SHRUBS. TAPER MULCH TO TRUNK FLARE/ROOTBALL.
- SETTING PLANTS:** PLACE ROOTBALL ON TOP OF STABLE SOIL SO THAT THE TRUNK FLARE/ROOTBALL IS 1-2 INCHES HIGHER THAN SURROUNDING FINISHED GRADE. AVOID PLANTING TOO DEEP. REMOVE TWINE, BURLAP AND WIRE BASKETS FROM TOP HALF OF ROOTBALL; IF SYNTHETIC, REMOVE ENTIRE WRAPPING OR CONTAINER.
- TOPSOIL:** IMPORTED TOPSOIL SHALL BE SCREENED, FERTILE, FRIABLE, SANDY LOAM CONTAINING A MINIMUM OF 1.5% BY DRY WEIGHT OF ORGANIC MATTER; FREE FROM SUBSOIL, REFUSE, DEBRIS, ROOTS, HEAVY CLAY, STONES LARGER THAN 3/4", AND NOXIOUS WEED SEEDS; AND SUITABLE FOR THE GERMINATION OF SEEDS AND THE SUPPORT OF HEALTHY VEGETATIVE GROWTH WITH A PH VALUE OF 5.5 TO 6.5.
- CONTINUOUS SOIL RING:** FORM A 3 INCH HIGH CONTINUOUS SOIL RIM AROUND TREES AND SHRUBS. THE DIAMETER OF THE RIM SHALL BE 3 TIMES THE DIAMETER OF THE ROOTBALL.
- COMPOST:** COMPOST SHALL BE MATURE, FULLY COMPOSTED AND ODOR FREE; SCREENED TO 3/8 INCH; NO SEWAGE SLUDGE OR CHEMICALS.
- BACKFILL MIX:** BACKFILL MIX FOR ALL PLANTS SHALL INCLUDE 50% TOPSOIL, 25% ORGANIC COMPOST, AND 25% APPROVED NATIVE SOIL. UNSUITABLE NATIVE MATERIAL SHALL BE REPLACED WITH IMPORTED TOPSOIL AS DIRECTED BY THE RESIDENT ENGINEER. PLACE BACKFILL IN LAYERS AND TAMP LIGHTLY TO REMOVE AIR POCKETS. WATER THOROUGHLY WITHIN 24 HOURS OF PLANTING AND TWICE WEEKLY THEREAFTER AS DIRECTED BY THE RESIDENT ENGINEER THROUGHOUT THE GROWING SEASON.
- TREES:** ALL TREES TO BE GROWN AS TREE FORMS AND MUST BE TRAINED IN THE NURSERY TO A SINGLE STRAIGHT TRUNK. TREES PLANTED 2-4 FT FROM THE EDGE OF THE SIDEWALK SHALL HAVE A SINGLE STRAIGHT TRUNK TO 6 FT WITH THE LOWER 4-5 FT CLEAR OF BRANCHES.
- PLANT LOCATIONS:** TREES AND SHRUBS MAY BE ADJUSTED AT THE TIME OF THEIR PLANTING FOR OPTIMUM LOCATION AS DIRECTED BY THE RESIDENT ENGINEER. MINIMUM DISTANCE BETWEEN TREES AND LIGHT POLES SHALL BE 15 FT.
- PLANTING DATES:** SPRING TREE PLANTING: APRIL 15 TO JUNE 15. FALL TREE PLANTING: SEPT 1 TO OCTOBER 15. THE RESIDENT ENGINEER MAY APPROVE PLANTING BEYOND THESE DATES.
- TREE WATERING:** NON-IRRIGATED PLANTS SHALL BE WATERED THOROUGHLY ON A TWICE WEEKLY BASIS THROUGHOUT THE GROWING SEASON FROM MAY 15 THRU OCTOBER 15 TO PROMOTE HEALTHY PLANT GROWTH.
- IRRIGATION:** THE TREE IRRIGATION SYSTEM SHALL BE A SUBSURFACE DRIP SYSTEM AND PROVIDE A SLOW, EVEN FLOW OF WATER TO THE PLANTS AND SOIL. REFER TO IRRIGATION DETAILS ON SHEET 28.

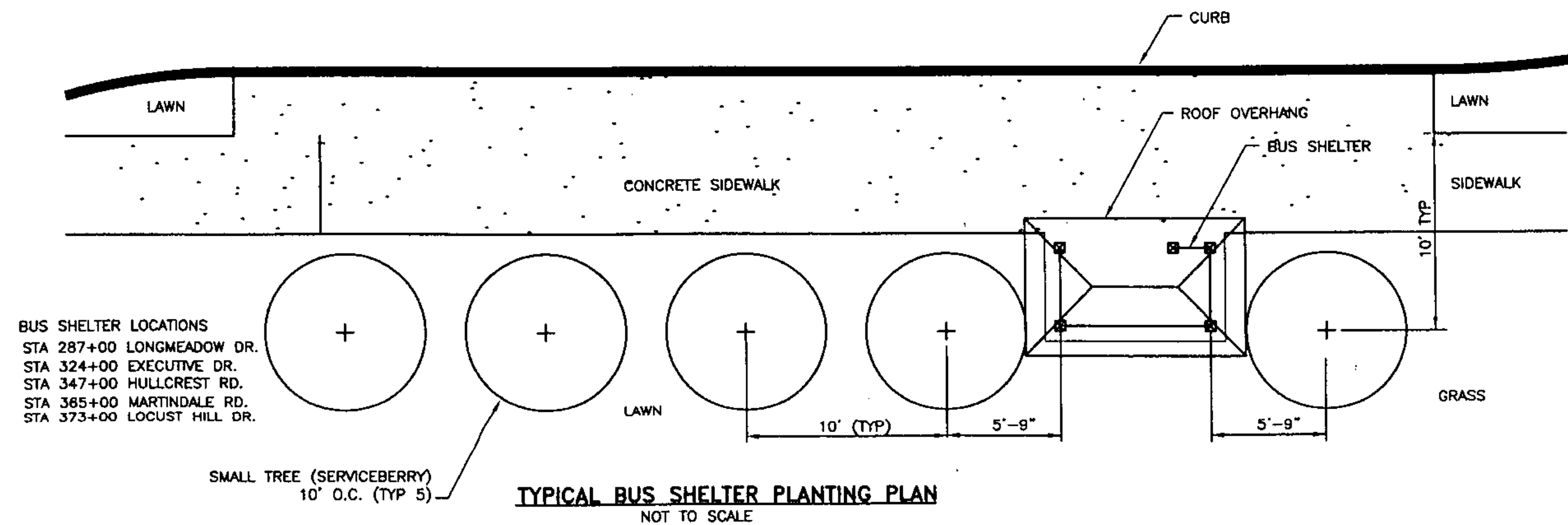
### GENERAL NOTES FOR TURF AREAS

- SEED MIXTURE:** SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.12% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED:** USE VAOT'S 'LOW GROWING FESCUE MIX' FOR ALL TURF AREAS.
- FERTILIZER:** FORMULA 5-10-5 SHALL BE APPLIED AT THE RATE OF 4 LBS./1000 SF OR 500 LBS/ACRE (HYDRO SEEDERS MAY USE 10-10-10 FORMULA)
- LIME:** PELLETIZED AGRICULTURAL LIMESTONE TO BE APPLIED AT THE RATE OF 100LBS/1000 SF OR 2 TONS/ACRE OR AS DIRECTED BY THE RESIDENT ENGINEER.
- TOPSOIL:** TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER. TOPSOIL IN LAWN AREAS SHALL BE A MINIMUM DEPTH OF 4 INCHES.
- SOILS IMPACTED BY CONSTRUCTION ACTIVITY** SHALL BE LOOSENED TO A DEPTH OF APPROXIMATELY 2 INCHES BEFORE PLANTING.

#### VAOT LOW GROWING FESCUE MIX (TURF AREAS)

APPLICATION RATE: 50 LBS/ACRE BROADCASTED  
125 LBS/ACRE HYDROSEEDED

% WEIGHT	NAME	GERM %
37.58 MIN	CREEPING RED FESCUE	90
28.43 MIN	SPARTAN HARD FESCUE	85
14.37 MIN	AZAY SHEEPS FESCUE	87
14.17 MIN	ANNUAL RYEGRASS	90
1.10 MAX	CROP	
4.32 MAX	INERT	
0.12 MAX	WEED	



DATUM  
 VERTICAL \_\_\_\_\_  
 HORIZONTAL \_\_\_\_\_

**Dubois & King**  
 engineering    planning    management    development

QUANTITY  
 SHEET

PROJECT: SHELburne /SOUTH BURLINGTON ROUTE 7 IMPROVEMENTS	PROJECT NO. : NH EGC FECC-019-4(27)
DESIGN FILE NAME: 118317F-01	PLOT DATE: 4/28/04
IPARM FILE NAME:	SURVEY DATE:
SURVEYED BY:	DRAWN BY: K. KOLOSKI
SQUAD LEADER:	SHEET: 289 OF 537
DWG NO. 1 OF 28	