

## PLANT LIST

PLANT LIST - EAST MONTPELIER STPG 028-3(35)S						
QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING, REMARKS, ITEMS
<b>656.20 - EVERGREEN TREES</b>						<b>ITEM No. 656.20</b>
12	PG	PICEA GLAUCA	WHITE SPRUCE	2.1 - 2.4 m HEIGHT	B&B	AS SHOWN - SPRING PLANTING
<b>656.30 - SMALL DECIDUOUS TREES</b>						<b>ITEM No. 656.30</b>
3	AAB	AMELANCHIER "AUTUMN BRILLIANCE"	SERVICEBERRY "AUTUMN BRILLIANCE"	0.045 - 0.050 m CAL.	B&B	AS SHOWN - SPRING PLANTING
2	LM	MAGNOLIA X LOEBNERI "LEONARD MESSEL"	"LEONARD MESSEL" MAGNOLIA	0.045 - 0.050 m CAL.	B&B	AS SHOWN - SPRING PLANTING
2	MA	MALUS "ADAMS"	"ADAMS" CRABAPPLE	0.045 - 0.050 m CAL.	B&B	AS SHOWN - SPRING PLANTING
2	MDW	MALUS "DONALD WYMAN"	"DONALD WYMAN" CRABAPPLE	0.045 - 0.050 m CAL.	B&B	AS SHOWN - SPRING PLANTING
2	MHG	MALUS "HARVEST GOLD"	"HARVEST GOLD" CRABAPPLE	0.045 - 0.050 m CAL.	B&B	AS SHOWN - SPRING PLANTING
1	MPF	MALUS "PRAIRIE FIRE"	"PRAIRIE FIRE" CRABAPPLE	0.045 - 0.050 m CAL.	B&B	AS SHOWN - SPRING PLANTING
3	MST	MALUS "SUGAR TYME"	"SUGAR TYME" CRABAPPLE	0.045 - 0.050 m CAL.	B&B	AS SHOWN - SPRING PLANTING
7	SR	SYRINGA RETICULATA "IVORY SILK"	"IVORY SILK" TREE LILAC	0.045 - 0.050 m CAL.	B&B	AS SHOWN - SPRING PLANTING
<b>656.30 - LARGE DECIDUOUS TREES</b>						<b>ITEM No. 656.30</b>
3	AF	ACER FREMANII X AUTUMN BLAZE	"AUTUMN BLAZE" MAPLE	0.050 - 0.065 m CAL.	B&B	AS SHOWN - SPRING PLANTING
7	BN	BELTA NIGRA "HERITAGE"	"HERITAGE RIVER BIRCH"	0.050 - 0.065 m CAL.	B&B	AS SHOWN - SPRING PLANTING
3	FP	FRAXINUS PENNSYLVANICA "SUMMIT"	"SUMMIT" GREEN ASH	0.050 - 0.065 m CAL.	B&B	AS SHOWN - SPRING PLANTING
2	GT	GLEDITSIA TRIACANTHOS INERMIS "SHADEMASTER"	"SHADEMASTER" HONEYLOCUST	0.050 - 0.065 m CAL.	B&B	AS SHOWN - SPRING PLANTING
1	TC	TILIA CORDATA "GREENSPIRE"	LINDEN "GREENSPIRE"	0.050 - 0.065 m CAL.	B&B	AS SHOWN - SPRING PLANTING
1	QM	QUERCUS MACROCARPA	BURR OAK	0.050 - 0.065 m CAL.	B&B	AS SHOWN - SPRING PLANTING
6	QR	QUERCUS RUBRA	RED OAK	0.050 - 0.065 m CAL.	B&B	AS SHOWN - SPRING PLANTING
8	UP	ULMUS AMERICANA "PRINCETON"	"PRINCETON" ELM	0.050 - 0.065 m CAL.	B&B	AS SHOWN - SPRING PLANTING
3	UVF	ULMUS AMERICANA "VALLEY FORGE"	"VALLEY FORGE" ELM	0.050 - 0.065 m CAL.	B&B	AS SHOWN - SPRING PLANTING
<b>656.35 - DECIDUOUS SHRUBS</b>						<b>ITEM No. 656.35</b>
10	CAH	CLETHRA ALNIFOLIA "HUMMINGBIRD"	HUMMINGBIRD SUMMERSWEET	0.45 m HEIGHT	CONTAINER	1.00 m o.c. - SPRING PLANTING
12	CA	CLETHRA ALNIFOLIA "RUBY SPICE"	RUBY SPICE SUMMERSWEET	0.60 m HEIGHT	CONTAINER	1.00 m o.c. - SPRING PLANTING
16	HA	HYDRANGEA ARBORESCENS "ANNABELLE"	ANNABELLE HYDRANGEA	0.60 m HEIGHT	CONTAINER	1.00 m o.c. - SPRING PLANTING
4	IJ	ILEX VERTICILATA "JIM DANDY"	WINTERBERRY "JIM DANDY"	0.90 m HEIGHT	CONTAINER	1.00 m o.c. - SPRING PLANTING
14	IJA	ILEX VERTICILATA "AFTERGLOW"	WINTERBERRY "AFTERGLOW"	0.90 m HEIGHT	CONTAINER	1.00 m o.c. - SPRING PLANTING
18	SGM	SPIREA X "GOLD MOUND"	"GOLD MOUND" SPIREA	0.45 m HEIGHT	CONTAINER	1.00 m o.c. - SPRING PLANTING
3	SV	SYRINGA VULGARIS	COMMON LILAC	0.90 m HEIGHT	CONTAINER	1.20 m o.c. - SPRING PLANTING
12	SB	SPIREA X BULMALDA "GOLD FLAME"	"GOLD FLAME" SPIREA	0.60 m HEIGHT	CONTAINER	1.00 m o.c. - SPRING PLANTING

### GENERAL LANDSCAPE NOTES:

- FOLLOW STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2006, AS MODIFIED, SECTION 656 AND SECTION 755.
- SEE SUBSECTION 755.07 FOR THE APPLICATION OF MYCORRHIZAL FUNGI PER MANUFACTURER'S RECOMMENDATIONS. LANDSCAPING BACKFILL MIX SHALL COMPLY WITH SUBSECTION 755.01, TOPSOIL 755.02, AND COMPOST 755.05 SHALL COMPLY WITH THE RECOMMENDED AMOUNT OF ORGANIC MATERIAL AS SPECIFIED.
- LANDSCAPE BACKFILL MIX SHALL BE TESTED FOR ORGANIC MATERIAL OF 8.6%.
- CONTRACTOR SHALL PROVIDE A LOG TO THE RESIDENT SHOWING DATES OF WATERING AND NOTING NATURAL RAINFALL EVENTS WHEN NO WATERING OCCURS. WATERING SHALL COMPLY WITH SUBSECTION 656.08 (F.) WATERING.
- BARK MULCH SHALL CONFORM TO THE MATERIALS REQUIREMENTS OF SUBSECTION 755.10 (C) BARK MULCH FOR CEDAR AND PINE ONLY.

### TREE PROTECTION NOTES:

- DURING CONSTRUCTION: PROTECT TREES TO BE SAVED BY ERECTING BARRIER FENCE JUST AT LIMIT OF CONSTRUCTION AS INDICATED (PLEASE SEE LANDSCAPE PLANS AND TREE PROTECTION DETAIL). INSTALL SIGNAGE AT EACH PROTECTION ZONE WHICH CLEARLY READS: "TREES ARE BEING PROTECTED. NO UNAUTHORIZED TRESPASS IS ALLOWED".
- AVOID CUTTING ROOTS OF TREES WHENEVER POSSIBLE. WHEN AVOIDANCE IS NOT POSSIBLE, CUT ROOTS FLUSH (SAW THOSE ROOTS GREATER THAN 25 MM WIDE), WHICH WILL ENCOURAGE NEW ROOT GROWTH. DO NOT RIP ROOTS WITH EXCAVATOR OR OTHER HEAVY EQUIPMENT.
- BACKFILL AS SOON AS POSSIBLE; KEEP ROOT ENDS MOIST WITH WET BURLAP OR SIMILAR MATERIAL UNTIL ABLE TO BACKFILL. ADD A ROOT STIMULATOR SUCH AS MYCORRHIZAL FUNGI PER MANUFACTURER'S INSTRUCTIONS, AND WATER (PER APPROVED WATERING SPECIFICATIONS) THE ENTIRE BACKFILL AREA WITHIN 24 HOURS.
- NO EXCAVATED OR BACKFILL MATERIAL SHALL BE PILED IN TREE PROTECTION ZONE; NO EQUIPMENT SHALL BE STORED OR PILED IN TREE PROTECTION ZONE.
- IF A PROTECTED TREE IS DAMAGED DUE TO THE CONTRACTOR'S NEGLIGENCE AND IS NOT REPAIRABLE (AS DETERMINED BY THE ENGINEER OR VAOT LANDSCAPE ARCHITECT), THEN THE CONTRACTOR SHALL REPLACE THE TREE (AT THE CONTRACTOR'S EXPENSE AND ACCORDING TO APPROVED PLANTING TECHNIQUES) WITH THE SAME TREE OF EQUAL VALUE, OR TWO OR MORE TREES WITH A TOTAL VALUE EQUAL TO THAT OF THE DAMAGED TREE. IN ADDITION, WITH THE EXCEPTION OF FENCING, ALL TREE PROTECTION MEASURES, ROOT PRUNING, AND OTHER MATERIALS WILL NOT BE PAID SEPARATELY, BUT WILL BE CONSIDERED INCIDENTAL TO ALL OTHER LANDSCAPING CONTRACT ITEMS.

### LIGHTING NOTES:

- POLYMER CONCRETE AND REINFORCED FIBERGLASS U.L. LISTED PULLBOXES SHALL BE INSTALLED WITH HEAVY DUTY COVERS.
- THE CONTRACTOR SHALL ACQUIRE ALL NECESSARY PERMITS AND MAKE ALL NECESSARY ARRANGEMENTS WITH THE UTILITY COMPANY TO PROVIDE A PERMANENT POWER SUPPLY TO THE STREET LIGHTING SYSTEM. IF APPLICABLE, THE ROUTING OF POWER TO THE INTERSECTION SHALL BE SUCH THAT THE AGENCY OF TRANSPORTATION HAS FULL RESPONSIBILITY FROM THE TRANSFORMER THROUGH THE LIGHTING SYSTEM. NO INTERVENING OWNERSHIP OR RESPONSIBILITY SHALL BE ALLOWED.
- LP2, LP3, LP4, AND LP5 SHALL BE HOLOPHANE GRANVILLE PREMIER, 100 WATT METAL HALIDE (4.88 M MOUNTING HEIGHT) OR APPROVED EQUAL. ALL CORRESPONDING LIGHT POLES, BASES, AND HARDWARE SHALL BE BLACK FINISH.

### WIRED CONDUIT SCHEDULE:

678.23 - WIRED CONDUIT	CONDUIT SIZE	DESCRIPTION
	50mm	
POWER TO STANCHION	15.0M	*POWER
STANCHION TO LPB1	5.3M	POWER
LPB1 TO LPB2	23.6M (2x11.8M)	POWER
LPB2 TO LP3	6.4M	POWER
LP3 TO LP2	28.0M	POWER
LPB2 TO LPB3	6.8M	POWER
LPB3 TO LPB4	18.9M	POWER
LPB4 TO LP4	3.4M	POWER
LP4 TO LP5	27.1M	POWER
SUBTOTALS	134.5 M	
ROUNDING	5.5 M	
TOTALS	140.0 M	

\*-CONDUIT QUANTITY INCLUDES PVC RUN ON UTILITY POLE

PROJECT NAME: EAST MONTPELIER	
PROJECT NUMBER: STPG 028 - 3(35)S	
FILE NAME: +98b028\scapbdr.dgn	PLOT DATE: 22-MAR-2010
PROJECT LEADER: J. SCHULTZ	DRAWN BY: D. LYMAN
DESIGNED BY: J. GRUCHACZ	CHECKED BY: J. DEVLIN
LANDSCAPE AND LIGHTING NOTES SHEET	SHEET 68 OF 142