

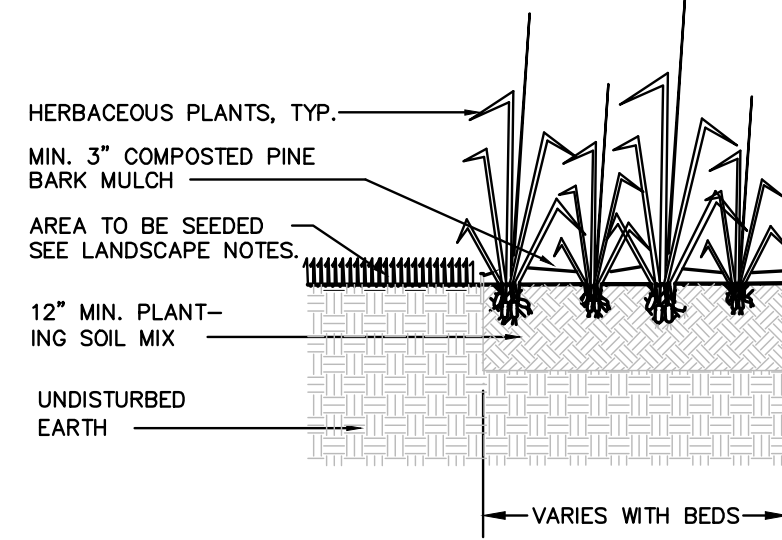
**ROCKLAND AVENUE OUTFALL PLANTINGS**

**PLANTING KEY - ROCKLAND OUTFALL**

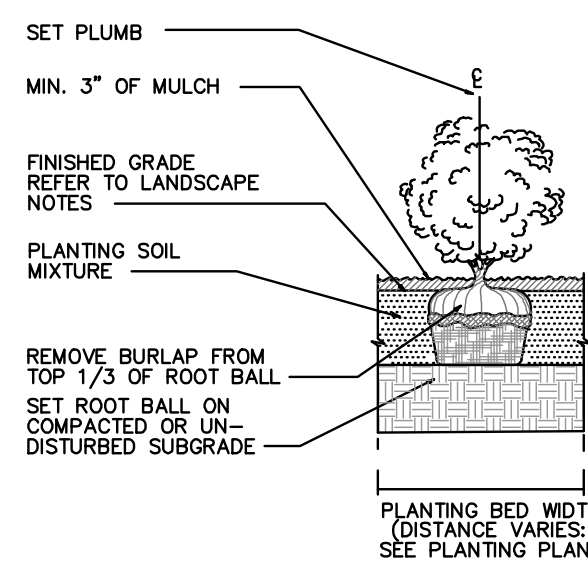
TREES:			
AR	2	ACER RUBRUM	RED MAPLE
1	ACER RUBRUM	RED MAPLE	6-8' HT.
PG	2	PICEA GLAUCA	2" CAL.
4	PICEA GLAUCA	WHITE SPRUCE	6-10' HT.
2	PICEA GLAUCA	WHITE SPRUCE	5-6' HT.
SHRUBS:			
IV	10	ILEX V. 'WINTER RED'	WINTERBERRY, FEMALE
2	ILEX V. 'SO. GENTLEMAN'	WINTERBERRY, MALE	3-4' HT.
SP	41	SALIX PETIOLARIS	SLENDER WILLOW
15	SAMBUCUS CANADENSIS	ELDERBERRY	15-18" HT.
15	SAMBUCUS CANADENSIS	ELDERBERRY	15-18" HT.
HERBACEOUS MATERIAL:			
12	CHELONE GLABRA	TURTLEHEAD	BRP, 24" OC
120	JUNCUS EFFUSUS	SOFT RUSH	PLUG, 18" OC
35	LOBELIA CARDINALIS	CARDINAL FLOWER	PLUG, 24" OC

SEED:  
 NEW ENGLAND CONSERVATION / WILDLIFE MIX - OR EQUAL:  
 APPLICATION RATE: 25 LBS/ACRE (X2) - SPRING SEEDING (FALL)  
 SUPPLIER: NEW ENGLAND WETLAND PLANTS, INC. - 820 WEST STREET, AMHERST, MA 01002; TEL. 413-548-8000

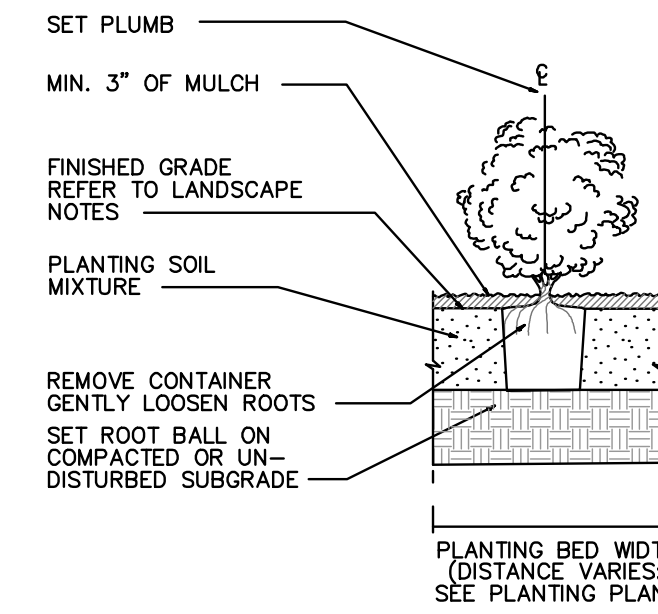
BAR SCALE  
 1" = 20'  
 CHECK GRAPHIC SCALE BEFORE USING



**HERBACEOUS PLANTS - INSTALLATION DETAILS**



**SHRUB PLANTING DETAIL**



**CONTAINER PLANTS (TREES & SHRUBS)**

DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED, HOWEVER, DO NOT REMOVE THE TERMINAL END OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.

STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.

WRAP TREE TRUNKS ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.

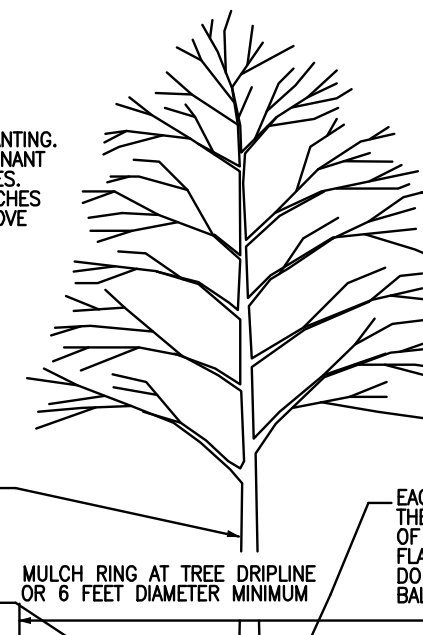
MARK THE NORTH SIDE OF THE TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE WHEN EVER POSSIBLE.

SET TOP OF ROOT BALL FLUSH TO GRADE OR 1-2 INCHES HIGHER IN SLOWLY DRAINING SOILS.

MINIMUM 8 INCHES BARE ROOTBALL MEASURED FROM TRUNK CROWN

3 INCHES MULCH, DO NO PLACE MULCH IN CONTACT WITH TREE TRUNK.

NOTE: FOR DIMENSIONS OF PLANTING AREAS, TYPES OF SOIL AMENDMENTS, OR SOIL REPLACEMENT, SEE LANDSCAPE NOTES AND/OR SPECS.



EACH TREE MUST BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. TREES WHERE THE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.

MINIMUM 3 INCHES HIGH EARTH SAUCER BEYOND EDGE OF ROOT BALL.

REMOVE ALL TWINE, ROPE AND WIRE AND BURLAP FROM TOP HALF OF ROOT BALL

IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET IN FOUR PLACES AND FOLD DOWN MIN. 8 INCHES INTO PLANTING HOLE.

PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL.

TAMP SOIL AROUND ROOT BALL BASE FIRMLY WITH FOOT PRESSURE SO THAT ROOT BALL DOES NOT SHIFT.

**TREE PLANTING DETAIL - B&B TREES IN ALL SOIL TYPES**

**GENERAL PLANTING NOTES - ROCKLAND OUTFALL**

- All materials shall conform to the guidelines established by the American Association of Nurserymen or as specified herein.
- In the case of any discrepancies between species and quantities called out in the planting key and those shown on the plan, quantities and species shown on the plan shall over-ride.
- All planting shall be done in accordance with acceptable horticultural practices.
- All plants subject to approval by the City's Engineer and/or Wetland Professional. All substitutions must be submitted for approval prior to ordering or delivery of plant material on site. City reserves the right to reject any plantings that do not conform to the drawings or specifications outlined herein.
- Planting locations shown on the plan are approximate and will need to be adjusted to respond to as-built conditions that provide growing conditions necessary for plant establishment. City's Engineer and/or Wetland Professional shall layout and/or approve final placement of all plant materials.
- Plants in the Rockland Outfall plan shall be planted per the technical specifications and relevant details herein. All herbaceous material shall be field-located to ensure that the as-built conditions provide optimal growing conditions for the species. The Contractor shall correct any deficiencies in the built condition to ensure that the soil and physical site conditions meet the growing requirements of the specified species.
- Excavated native soils shall be amended with Superhumus (New England Organics, Portland, ME) at a 25 percent ratio.
- All disturbed areas designated shall be seeded as noted in the Site Plantings Key.
- Contractor shall provide a watering plan for approval by the City. All plants and newly grassed areas shall be watered as required thereafter to ensure survival and growth through the first growing season.
- Plant material shall be guaranteed by the contractor for a period of one year from the date of installation. During the one year guarantee, the contractor shall replace, in kind, any dead, diseased, or substandard plant material at no cost to the owner. The contractor shall receive final acceptance from the owner following the one year guarantee, provided the provisions of the plant guarantee have been satisfactorily met.
- The Contractor shall assume responsibility to ensure that all work is performed in compliance with all State and Local requirements.

41 HUTCHINS DRIVE  
 PORTLAND, MAINE 04102  
 800.426.6262 | www.woodardcurran.com



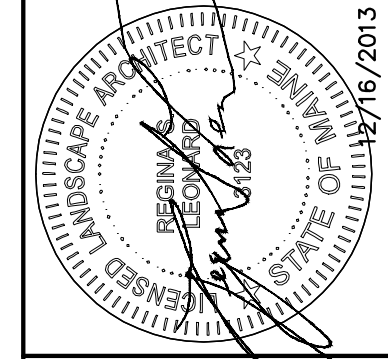
Regina S. Leonard  
 landscape architecture & design  
 29 Bridge Street  
 Topsham, Me 04086  
 Tel. 207.450.9700  
 Regina@rsdesign.com

COMMITMENT & INTEGRITY DRIVE RESULTS

LDD PROJECT NAME: N/A  
 DRAWING NAME: 225672.77 L10X 24x36.DWG  
 FIELD BOOK USED: N/A

**REFERENCES:**

DESIGNED BY:	BOVA/LJS
DRAWN BY:	BOVA
CHECKED BY:	DAS
SCALE:	AS NOTED
DATE:	MARCH 2014



ROCKLAND AVENUE OUTFALL  
 LANDSCAPING PLAN & DETAILS

CITY OF PORTLAND, MAINE  
 PUBLIC SERVICES DEPARTMENT  
 ENGINEERING SECTION



SHEET #  
 4 OF 7

PLAN NUMBER  
 C-202