

EXAMPLES OF MINIMUM SIZE OF ROOT BALL FOR NURSERY GROWN PLANTS.

CALIPER INCHES	BALL DIAMETER INCHES	PLANTING PIT SIZE INCHES
-	8	16
-	10	20
1/2	12	24
3/4	14	28
1	16	32
1 1/2	20	40
2	24	48
2 1/2	28	56
3	32	64
3 1/2	38	76
4	42	84
5	54	108
6**	-	-

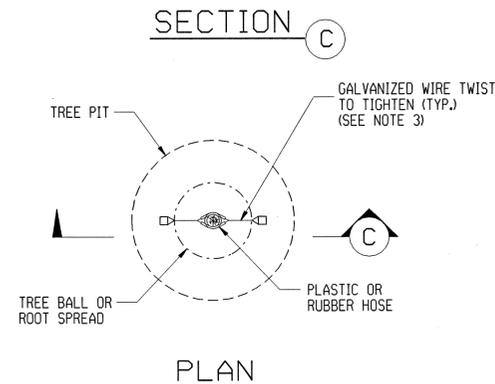
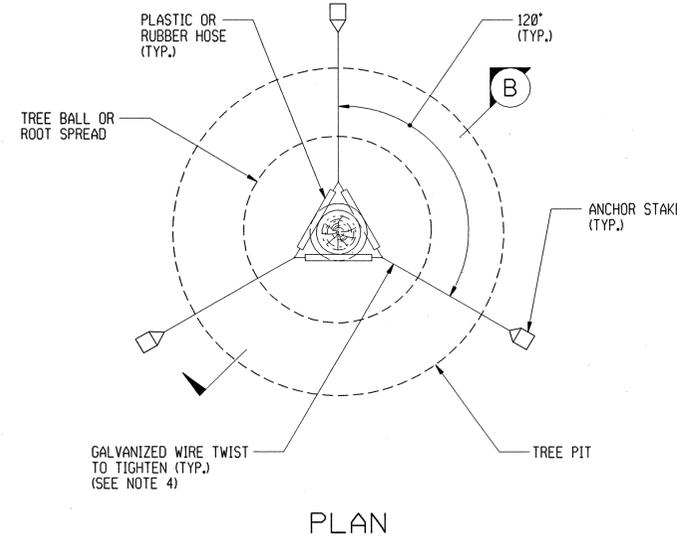
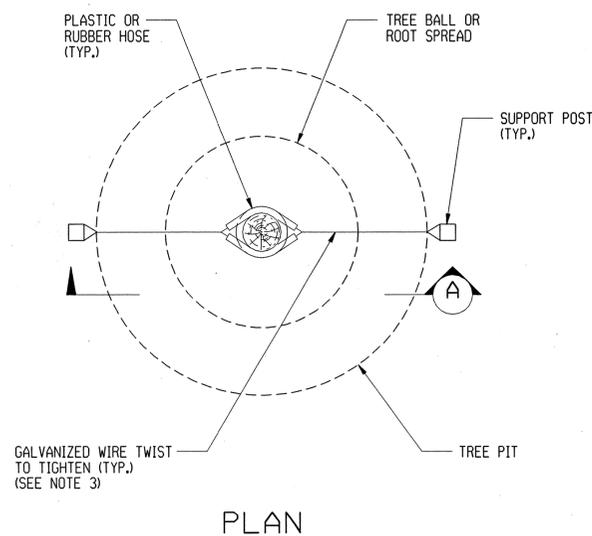
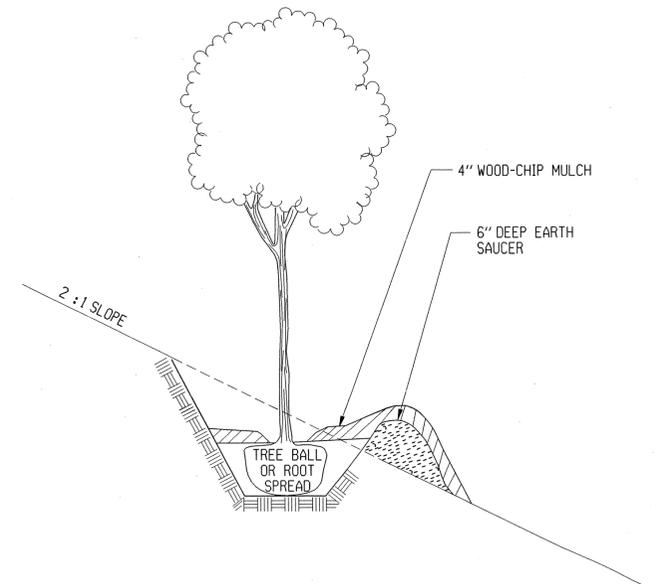
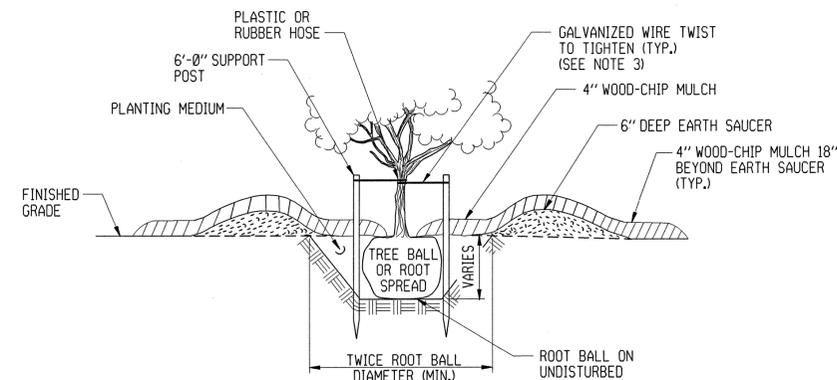
\* THE CALIPER OF THE TRUNK IS MEASURED 6" ABOVE THE GROUND UP TO AND INCLUDING 4" SIZES AND 12" ABOVE THE GROUND FOR LARGER SIZES OR AS SPECIFIED IN THE MOST RECENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

\*\* TREES GREATER THAN OR EQUAL TO 6" CALIPER SHALL HAVE A ROOT BALL DIAMETER EQUAL TO 10" PER INCH OF TRUNK CALIPER (A 7" CALIPER TREE SHOULD HAVE A ROOT BALL DIAMETER EQUAL TO 70").

- Notes:
1. THE PLANTING PIT SIZE SHALL BE TWICE THE DIAMETER OF THE ROOT BALL IN WIDTH AND 2" LESS THAN THE HEIGHT OF THE ROOT BALL.
  2. ALL EXTERIOR PACKAGING MATERIAL APPLIED TO PLANTS SHALL BE REMOVED AFTER THE PLANT IS LOCATED IN THE PLANTING PIT. CUT AND REMOVE TWINE, BURLAP OR WIRE BASKETS FROM THE TOP 2/3RDS OF THE ROOT BALL.
  3. USE DOUBLE STRAND NO. 12 WIRE FOR DECIDUOUS TREES GREATER THAN OR EQUAL TO 3" CALIPER AND USE DOUBLE STRAND NO. 10 WIRE FOR EVERGREEN TREES GREATER THAN OR EQUAL TO 8" CALIPER.
  4. TREE TRUNK WRAPPING MATERIAL SHALL BE USED AS DIRECTED BY THE ENGINEER.
  5. PLANTING PITS FOR INDIVIDUAL SHRUBS ON SLOPES SHALL BE THREE TIMES THE DIAMETER OF THE ROOT BALL IN WIDTH.

NOTE:  
USE 3 POSTS FOR STAKING DECIDUOUS TREES 3" CALIPER OR GREATER AND EVERGREEN TREES 8' HIGH OR GREATER. USE 2 POSTS FOR STAKING DECIDUOUS TREES LESS THAN 3" CALIPER AND EVERGREEN TREES LESS THAN 8' HIGH.

GUYING PLAN



STAKING PLAN

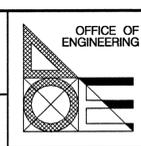
STAKING PLAN FOR LOW BRANCHING DECIDUOUS AND EVERGREEN TREES FROM 5' TO 8' HIGH.

GRADING PLAN FOR TREES ON SLOPES

REVISION NO.	DATE	DESCRIPTION	SUBMITTED BY:	DATE:
			TIMOTHY M. WILSON TRANSPORTATION PRINCIPAL ENGINEER	DATE: 12-May-04
			APPROVAL REC. [Signature]	DATE: 8-09-04
			APPROVED: [Signature] MANAGER OF DESIGN	DATE: 8-09-04
			F.H.W.A. APPROVAL: [Signature] TRANSPORTATION ENGINEERING ADMINISTRATOR	DATE: 8-5-04

CADD FILE: 949a.dgn
DATE: 12-May-04
SCALE: NOT TO SCALE

STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION  
STANDARD DRAWING



DRAWING TITLE: PLANTING DETAILS FOR TREES	STANDARD NO.: 949-A
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