



REVISED: 1-10

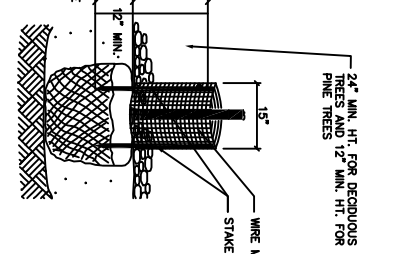
FILE NAME: G:\ENG\SPCS\5311

ENGINEERING DEPARTMENT

PLATE: 5311

PLANTING DETAIL

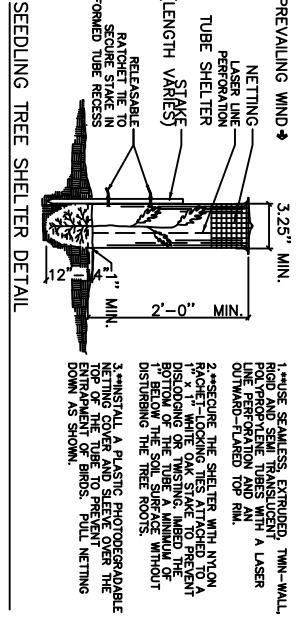
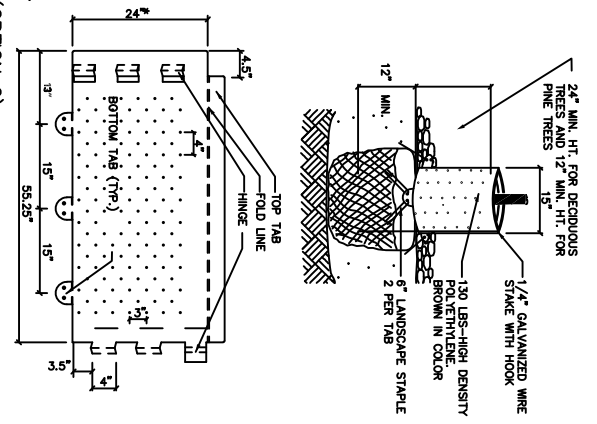
1. FORM A DOUBLE-LAYERED CYLINDER USING 0.25" GRID OVERLAY THE CIPHER MESH (HARDWARE CLOTH).
 2. ANGLE TOP, 1" x 1" OPENING HEADWOOD WHITE OAK STAKE INTO THE GROUND FROM THE CENTER OF THE TREE STEM.
 3. SECURE THE MESH CYLINDER AND WASHERS OR ANCHORS USING THE CIPHER MESH TO THE STAKE.
 **SPRINGS SHALL BE ROUND HEAD GALVANIZED 1/8" DIA. x 3/32" LONG WITH WASHERS.
 OR
 **RATCHET-LOCK TIES SHALL BE NYLON AND AT LEAST 6" LONG.
 4. FINISH THE LOWER EDGE OF THE MESH CYLINDER 1" BELOW THE SOIL SURFACE WITHOUT DISTURBING THE TREE ROOTS.
 5. JOINT EDGES WILL NOT BE PERMITTED AT THE TOP OF THE CYLINDER. CUT THE STAKE FLUSH WITH THE TOP OF THE CYLINDER.
 6. MULCH WITHIN THE CYLINDER SHALL NOT EXCEED 3" DEPTH. LANDSCAPE STAPLES TO BE INSTALLED AS SPECIFIED IN MULCH FLASING DETAIL FROM THE TRUNK AS SPECIFIED IN MULCH FLASING DETAIL.
 7. REMOVE BOTTOM WHORL OF PINE BRANCHES MAY HAVE TO BE REMOVED TO PERMIT INSTALLATION OF 12" MIN. HEIGHT RODENT GUARDS.
 INSTALL ON ALL DECIDUOUS AND PINE TREES. DO NOT INSTALL ON SPRUCE TREES.



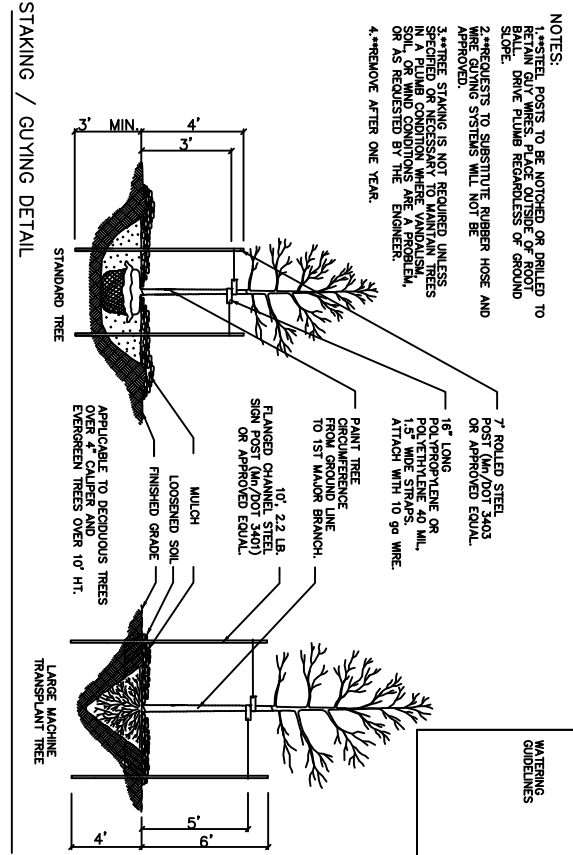
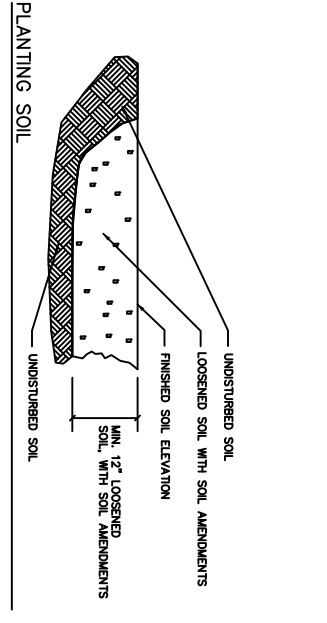
1. SECURE OVER THE TOP EDGE OF THE HOPE TO USE THE HOPE TO SECURE THE THREE BOTTOM TABS TOWARDS THE THREE BOTTOM TABS OF THE HOPE.
 2. ANGLE THE HOPE INTO A GORGE WITH THE SOLE TABS ON THE OUTSIDE OF THE GORGE.
 3. MULCH THE HINGES AND BEGON STAKE (WITH HOOK) THROUGH THE HOPE AND SECURE THE HOPE THROUGH ALL OF THE HINGES. TURN THE HOOK TOWARDS THE INSIDE OF THE HOPE.
 4. ANCHOR THE STAKE INTO THE GROUND. A MINIMUM OF 12" GROUND SIX LANDSCAPE STAPLES TO BE INSTALLED AT THE 3 BOTTOM TABS AT OPPOSITE ANGLES TO SECURE THE HOPE TO THE GROUND.
 5. MULCH WITHIN THE CYLINDER SHALL NOT EXCEED 3" DEPTH AND SHALL BE SLOPED BACK FROM THE TRUNK AS SPECIFIED IN MULCH FLASING DETAIL.
 6. REMOVE BOTTOM WHORL OF PINE BRANCHES MAY HAVE TO BE REMOVED TO PERMIT INSTALLATION OF 12" MIN. HEIGHT RODENT GUARDS.
 7. INSTALL ON ALL DECIDUOUS AND PINE TREES. DO NOT INSTALL ON SPRUCE TREES.

RODENT PROTECTION DETAIL (OPTION 1)

RODENT PROTECTION DETAIL (OPTION 2)



1. FORM A DOUBLE-LAYERED CYLINDER USING 0.25" GRID OVERLAY THE CIPHER MESH (HARDWARE CLOTH).
 2. ANGLE TOP, 1" x 1" OPENING HEADWOOD WHITE OAK STAKE INTO THE GROUND FROM THE CENTER OF THE TREE STEM.
 3. SECURE THE MESH CYLINDER AND WASHERS OR ANCHORS USING THE CIPHER MESH TO THE STAKE.
 **SPRINGS SHALL BE ROUND HEAD GALVANIZED 1/8" DIA. x 3/32" LONG WITH WASHERS.
 OR
 **RATCHET-LOCK TIES SHALL BE NYLON AND AT LEAST 6" LONG.
 4. FINISH THE LOWER EDGE OF THE MESH CYLINDER 1" BELOW THE SOIL SURFACE WITHOUT DISTURBING THE TREE ROOTS.
 5. JOINT EDGES WILL NOT BE PERMITTED AT THE TOP OF THE CYLINDER. CUT THE STAKE FLUSH WITH THE TOP OF THE CYLINDER.
 6. MULCH WITHIN THE CYLINDER SHALL NOT EXCEED 3" DEPTH. LANDSCAPE STAPLES TO BE INSTALLED AS SPECIFIED IN MULCH FLASING DETAIL FROM THE TRUNK AS SPECIFIED IN MULCH FLASING DETAIL.
 7. REMOVE BOTTOM WHORL OF PINE BRANCHES MAY HAVE TO BE REMOVED TO PERMIT INSTALLATION OF 12" MIN. HEIGHT RODENT GUARDS.
 INSTALL ON ALL DECIDUOUS AND PINE TREES. DO NOT INSTALL ON SPRUCE TREES.



GENERAL NOTES

SEE SPECIAL PROVISIONS FOR SPECIFIC PROJECT REQUIREMENTS.		
PLANTING HOLE AND BED CULTIVATION	THE PLANTING DETAILS REPRESENT ADEQUATELY DRENCHED SOIL IN CONDITIONS. THE CONTRACTOR SHOULD EXERCISE DISCRETION IN ATTEMPTING TO PLANTING DETAILS ON SHEET B.	
COMPOST	THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE DRAINAGE IN HEAVY POCKET, DRAINED OR IMPERVIOUS SOILS.	
FERTILIZER	LOOSELY ALL ISOLATED TREE PLANTING LOCATIONS AND PLANTING BEDS TO A MINIMUM DEPTH OF 12". SOIL AMENDMENTS SHALL BE APPLIED DURING CULTIVATION.	
BAKERRILL SOIL	USE CULTIVATED AND AMENDED SOIL EXCAVATED FROM PLANTING HOLES. REMOVE ALL DEBRIS INCLUDING ROCKS LARGER THAN 3" DIAMETER.	
MULCH MATERIAL	M/DOT 3881	
MASS PLANTING	M/DOT 3882 TREE & UNLESS OTHERWISE SPECIFIED.	
TREE PAINTING	MASS PREPARE PLANT SPRAYING OF 1/4" OR LESS PLANT IN STAGGERED REMAINING OF ANOTHER TREE. THE CONTRACTOR SHALL PROVIDE REMAINING OTHERS. PROVIDE 5' RADIUS CLEAR OF SHRUBS AROUND EACH DECIDUOUS TREE AND 5' RADIUS AROUND EACH EVERGREEN TREE. THIS TREE TO THE CENTER OF THE SHRUB. NOTIFY ENGINEER OF GROSS PLANT QUANTITY SURPLUS OR DEFICIENCY IMMEDIATELY. MASS MULCH PLANT QUANTITIES OF 100 OR LESS.	
PLANTING PLAN	RESPECT STATED DIMENSIONS BEFORE SCALING PLAN.	
WATERING GUIDELINES	PLANT TYPE	AVERAGE AMOUNT OF WATER PER APPLICATION IN GALLONS
	MACHINE TRANSPLANTED TREES	50 - 100
	4x7 AND UP	
	BARE ROOT TREES	15
	BALLED & BURLAPPED SHRUBS	10
	BARE ROOT OR CONTAINER SHRUBS	7
	WOODY SEEDLINGS	4
	PERENNIALS AND VINES	3
	IT IS THE CONTRACTOR'S RESPONSIBILITY TO MONITOR AND MAINTAIN SOIL MOISTURE LEVELS ADEQUATE TO NOT EXCEED 15% BELOW THE ABOVE LISTED PERCENTAGE AMOUNTS AND SHRUBS, NOT RECOMMENDED.	