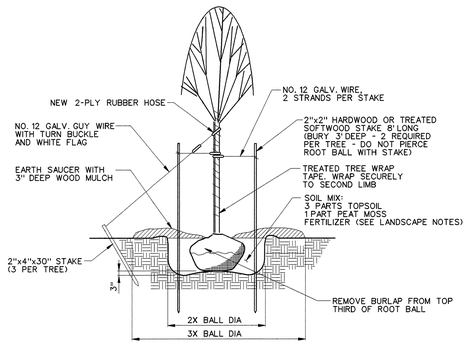


NOTES:

1. STAKE ONLY TREES LESS THAN 3½" CAL GUY TREES OF 3 ½" CAL OR LARGER
2. TOP OF ROOT BALL TO BE EQUAL OR SLIGHTLY HIGHER THAN EXTERIOR GRADE

1 TREE PLANTING DETAIL
NTS

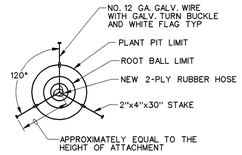
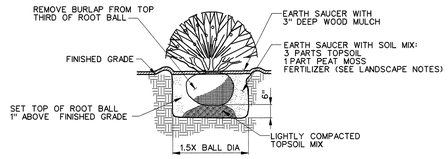
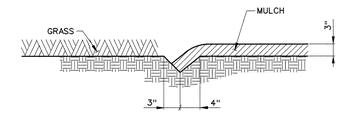


DIAGRAM FOR TREE GUYING

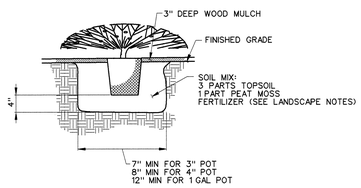


2 TYPICAL SHRUB PLANTING DETAIL
NTS

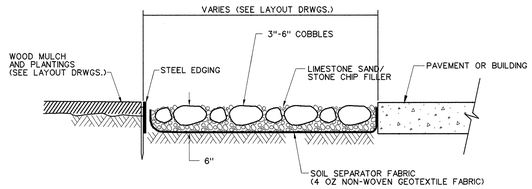


NOTE: USE TRENCH EDGING ON ALL MULCHED AREAS NEXT TO GRASSED AREAS.

3 CONTINUOUS TRENCH EDGING DETAIL
NTS



4 TYPICAL GROUNDCOVER PLANTING DETAIL
NTS

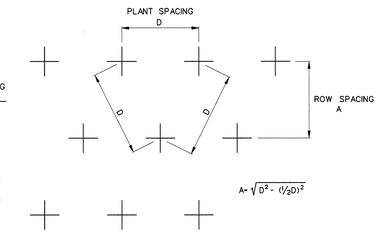


NOTE:

PLACE STEEL EDGING ON ALL SIDES OF MULCH LIMITS IF PAVEMENT OR BUILDING IS NOT PRESENT.

5 RIVER COBBLE MULCH DETAIL
NTS

PLANT SPACING (D)	ROW SPACING (A)
6" O.C.	5.2"
8" O.C.	6.93"
10" O.C.	8.66"
12" O.C.	10.4"
15" O.C.	13.0"
18" O.C.	15.6"
24" O.C.	20.8"
30" O.C.	26.0"
36" O.C.	30.0"



$A = \sqrt{D^2 - (½D)^2}$

6 TYPICAL SPACING PATTERN
NTS

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SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM _____
ENGINEERING PROCEDURE _____

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
0				CERTIFIED FOR CONSTRUCTION - 12/9/2002	JGP	SAF			PJO	1/03	PJ	1/03	KCH	12/10/02			JGP	419	12/9	RZ	AW	BWJ	AK	IM	DM	–	BWJ	–	TW

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE — JEFFREY G. PFEIFFER, REGISTERED, TENNESSEE, LANDSCAPE ARCHITECT

DSGN	J. PFEIFER	12/09/02
DRW	K. LYNCH	12/09/02
CHKR	S. FRITTS	12/09/02
SECT		
DEPT		
PE		1/24/03
PJ		1/23/03
REQ		12/12/02
REV. 0	DATE 12/09/02	UTB

DRAWING APPROVALS

ORNL DRAWING NUMBER: 108031400-L8E-8600-A009

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ENGINEERS ARCHITECTS PLANNERS LANDSCAPE ARCHITECTS AND SURVEYORS
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PROJECT NAME:
CENTER FOR NANOPHASE MATERIALS SCIENCES
CENTRAL LAB AND OFFICE BUILDING
LANDSCAPING DETAILS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	L	X	X	9	8610	X	1	1	S	U
51	52	53	A/E DRAWING NUMBER: L5.49.01							REV
NC	NA	IN								0

$DATE$ $TIME$