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612	ANN	ANNUALS
8	BAY	BAYBERRY
5	CFC	CORALBURST FLOWERING CRA
6	CSP	CLEVELAND SELECT PEAR
12	DBB	DWARF BURNING BUSH
22	DFG	DWARF FOUNTAIN GRASS
27	DY	DENSIFORMA YEW
5	OGRM	OCTOBER GLORY RED MAPLE
18	PJ	PROCUMBENS JUNIPER
10	RO	RED OAK

RUSSIAN SAGE

Min. of Five Varieties
Myrica pennsylvanica
Malus 'Coralburst'
Pyrus calleryana 'Cleveland Select'
Euonymus alatus 'Compacta'
Pennisetum alopecuroides 'Hameln'
Taxus X media 'Densiformis'
Acer rubrum 'October Glory'
Juniperus procumbens 'Nana'
Quercus rubra
Perovskia atriplicifolia

RUBBER HOSE AT BARK

GUY WIRES (3), WHITE FLAG ON EACH TO INCREASE VISIBILITY. AVOID TIGHT GUY WIRES AS THEY PREVENT NATURAL SWAY

TURNBUCKLE (3), GALVANIZED OR DIP-PAINTED

SET TREE AT ORIGINAL GRADE

MULCH: PINE BARK OR WOOD CHIPS 75mm (3") MIN.

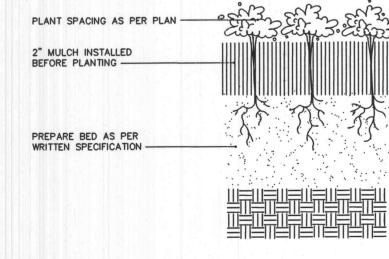
SOIL SAUCER: USE PREPARED TOPSOIL 150mm (6") MIN

WOOD STAKES (3)

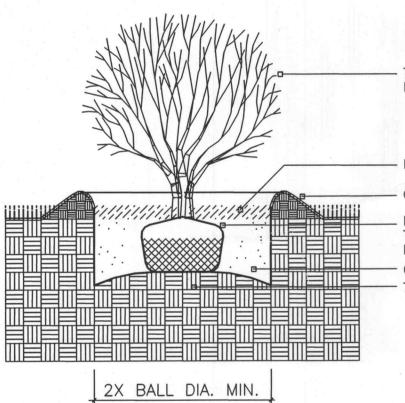
ROPES AT TOP OF BALL SHALL BE CUT. REMOVE TOP 1/3 OF BURLAP, NON-BIODEGRADABLE MATERIAL SHALL BE TOTALLY REMOVED

PREPARED ADMIXTURE BACKFILL OR NATIVE SOIL TAMPED ADMIXTURE BACKFILL

PLANTING DETAIL-DECIDUOUS TREE



PERENNIAL/ANNUAL/ GCOVER PLANTING DETAIL



THIN BRANCHES BY 1/3 RETAINING NORMAL PLANT SHAPE.

2.25" Pot

24"-30"

2" Caliper

2" Caliper

18"-24"

5 Gallon

18"-24"

5 Gallon

1 Gallon

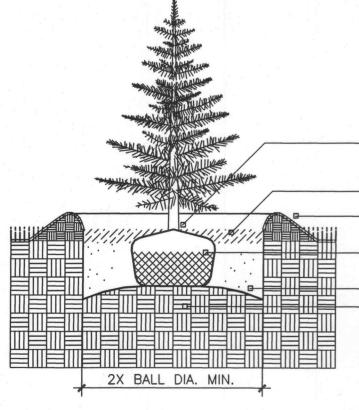
2.5" Caliper

2.5" Caliper

- BARK MULCH 80mm (3") MIN.

- CREATE SAUCER WITH TOPSOIL 150mm (6") MIN.
- ROPES AT TOP OF BALL SHALL BE CUT. REMOVE TOP 1/3 OF BURLAP. NON-BIODEGRADABLE MATERIAL SHALL BE TOTALLY REMOVED.
- GENTLY COMPACTED TOPSOIL MIXTURE
- TAMPED ADMIXTURE BACKFILL

PLANTING DETAIL -SHRUBS



- CROWN OF ROOT BALL SHALL BEAR SAME RELATION (OR SLIGHTLY ABOVE) TO FINISHED GRADE AS IT BORE TO PREVIOUS GRADE.

- PINE BARK MULCH 75mm (3") MIN.

CREATE SOIL SAUCER WITH TOPSOIL 150mm (6") MIN.

- FOLD DOWN OR CUT AND REMOVE TOP 1/3 OF BURLAP

IF NON-BIODEGRADABLE WRAP IS USED. REMOVE TOTALLY.

- PREPARED SOIL BACKFILL

- PREPARED ADMIXTURE BACKFILL OR NATIVE SOIL

PLANTING DETAIL-EVERGREEN TREE

## GENERAL:

1.) All natural vegetation shall be maintained where it does not interfere with construction or the permanent plan of operation. Every effort possible shall be made to protect existing structures or vegetation from damage due to equipment usage. Contractor shall at all times protect all materials and work against injury to public.

2.) The landscape contractor shall be responsible for any coordination with other site related work being performed by other contractors. Refer to architectural drawings for further coordin—

ation of work to be done.

3.) Underground facilities, structures and utilities must be considered approximate only. There may be others not presently known or shown. It shall be the landscape contractor's responsibility to determine or verify the existence of and exact location of the above (Call 1-800-DIG-RITE).

4.) Plant material are to be planted in the same relationship to grade as was grown in nursery conditions. All planting beds shall be cultivated to 6" depth minimium and graded smooth immediately before planting of plants. Plant groundcover to within 12" of trunk of trees or shrubs planted within the area.

5.) It shall be the landscape contractor's responsibility to:
A.) Verify all existing and proposed features shown on the

drawings prior to commencement of work.

B.) Report all discrepancies found with regard to existing conditions or proposed design to the landscape architect immediately for a decision.

C.) Stake the locations of all proposed plant material and obtain the approval of the owner's representative or landscape architect prior to installation.

6.) Items shown on this drawing take precedence over the material list. It shall be the landscape contractor's responsibility to verify all quantities and conditions prior to implementation of this plan. No substitutions of types or size of plant materials will be accepted without written approval from the landscape architect.
7.) Provide single—stem trees unless otherwise noted in plant schedule.

8.) All plant material shall comply with the recommendations and requirements of ANSI Z60.1 "American Standards for Nursery Stock".

# MULCH:

- 1.) All mulch to be shredded oak bark mulch at 3" depth (after compaction) unless otherwise noted. Mulch shall be clean and free of all foreign materials, including weeds, mold, deleterious materials, etc.
- 2.) No plastic sheeting or filter fabric shall be placed beneath shredded bark mulch beds. Myrafi fabric shall be used beneath all gravel mulch be
- bark mulch beds. Myrafi fabric shall be used beneath all gravel mulch beds.
  3.) Edge all beds with spade—cut edge unless otherwise noted.

#### MAINTENANCE:

- 1.) Landscape Contractor shall provide a seperate proposal to maintain all plants, shrubs, groundcover, perennials and annuals for a period of 12 months after acceptance.
- 2.) Contractor shall ensure that only competent and trained personnel shall provide such services and that such services be provided in a timely manner.

#### TOPSO

- 1.) Topsoil mix for all proposed landscape plantings shall be five (5) parts well—drained screened organic topsoil to one (1) part Canadian sphagnum peat moss as per planting details. Roto—till topsoil mix to a depth of 6" minimum and grade smooth.
- 2.) Provide a soil analysis, as requested, made by an independent soil—testing agency outlining the % of organic matter, inorganic matter, deleterious material, pH and mineral content.
- 3.) Any foreign topsoil used shall be free of roots, stumps, weeds, brush, stones (larger than 1"), litter or any other extraneous or toxic material.
- 4.) Landscape contractor to apply pre—emergent herbicide to all planting beds upon completion of planting operations and before application of shredded bark mulch.

## MISC. MATERIAL:

- 1.) Provide stakes and deadmen of sound, new hardwood, free of knotholes and defects.
- 2.) Tree wrap tape shall be 4" minimum, designed to prevent borer damage and winter freezing. Additionally, only 3—ply tying material shall be used.

## TURF:

- 1.) All disturbed lawn areas to be sodded with Turf—Type fescue. Lawn areas shall be unconditionally warranted for a period of 90 days from date of final acceptance. Bare areas more than one square foot per any 50 square feet shall be replaced.
- 2.) Landscape contractor shall provide sod in areas indicated in lieu of seed. Sod shall be cut at a uniform thickness of 3/4". No broken pieces, irregular pieces or torn pieces will be accepted.
- No broken pieces, irregular pieces or torn pieces will be accepted.

  3.) Any points carrying concentrated water loads and all slopes of 15% or greater shall be sodded.
- 4.) All sod shall be placed a maximum of 24 hours after harvesting.
  5.) Recondition existing lawn areas damaged by Contractor's operations including equipment/material storage and movement of vehicles.

## WARRANTY:

- 1.) All plant material (excluding ground cover, perennials and annuals) are to be warranted for a period of 12 months after installation at 100% of the installed price.
- 2.) Any plant material found to be defective shall be removed and replaced within 30 days of notification or in growth season determined to be best for that plant.
- 3.) Only one replacement per tree or shrub shall be required at the end of the warranty period, unless loss is due to failure to comply with warranty.
- 4.) Lawn establishment period will be in effect once the lawn has been mowed three times. Plant establishment period shall commence on the date of acceptance and 100% completion.

REVISIONS BY
JULY 15, 2005 RWM
NOV. 11, 2005 RWM



Laura K

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DRAWN
R. MARDIS
CHECKED
RWM

DATE
JULY 1, 2005

SCALE
1"=20'

JOB No.
2005–186

SHEET