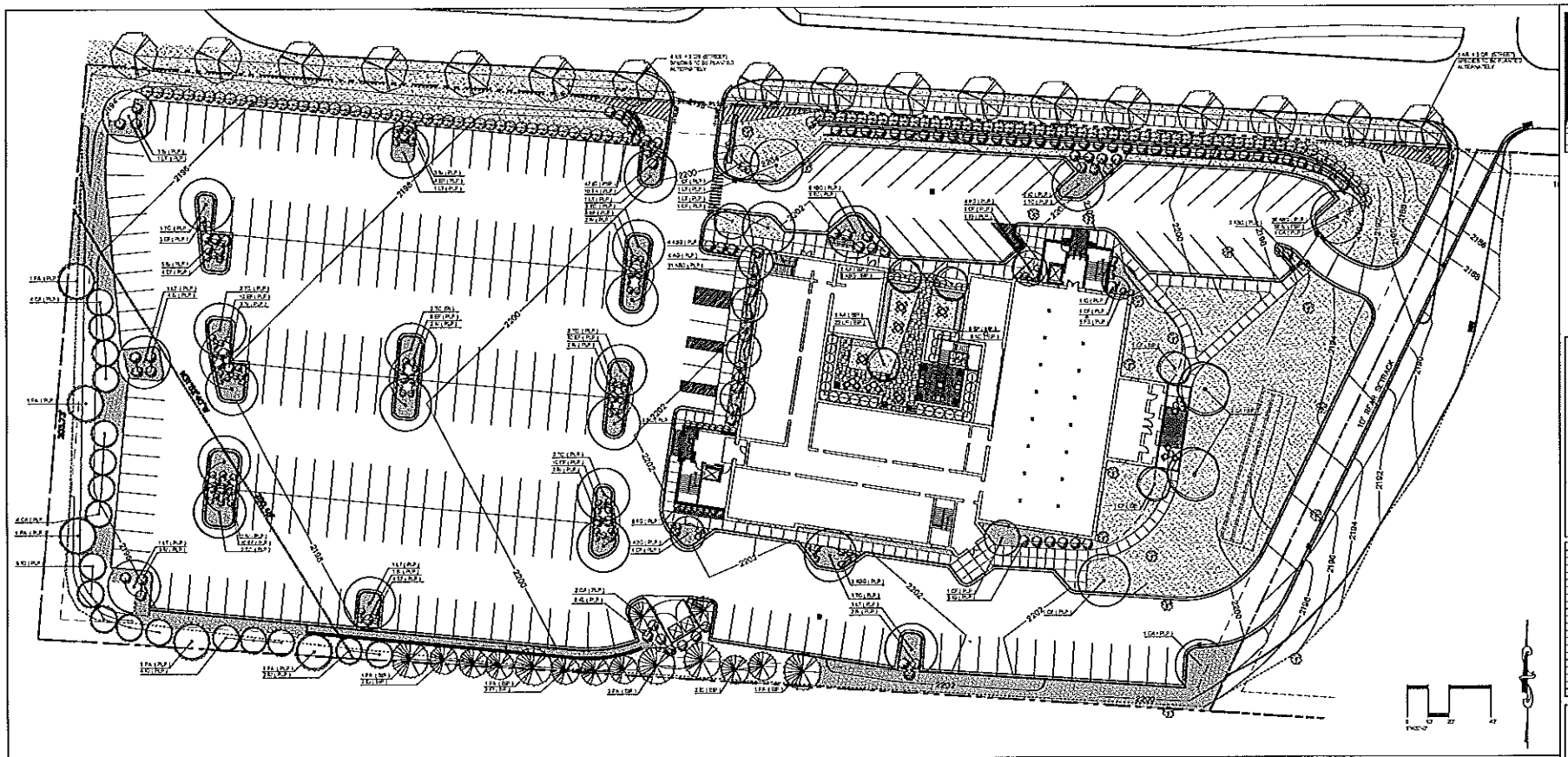


ARCA DESIGN

Preliminary Not for Construction

No.	Description	Date

BILTMORE SCHOOL DEVELOPMENT, LLC.
HISTORIC BILTMORE SCHOOL
VANDERBILT PARK DRIVE, ASHEVILLE, NORTH CAROLINA

Landscape Plan
Planting

Project number	2000.01
Date	14 December, 2011
Drawn by	RTB
Checked by	SJW

L - 1.02

Scale 1" = 20'-0"

DEVELOPMENT DATA BLOCK

Location:	7 Vanderbilt Drive Asheville, NC 28803
Property Owner:	Biltmore School Development, LLC
Contact:	Richard A. Grant 64 Peachtree Road Suite 301 Asheville, NC 28803 (828)274-7084
PIN Number:	9647-75-2700
Zoning District:	INST - Institutional
Setbacks:	Front 15' Side 10' Rear 10'
Size of Property:	3.83 Acres
Grading Area:	3.7 Acres disturbed
Buildings:	1 Building 3 Stories
Building Height:	Height per building code (1st Floor to mid-point of Roof): 45' First floor to ceiling of highest floor: 37'7" From level of Fire Department Access to Floor level of Highest story: 35'7"

LANDSCAPE COMPLIANCE REQUIREMENTS:

LANDSCAPE BUFFER: Adjacent uses and zoning do not require buffers or are outside jurisdiction.

STREET BUFFERS:
1 SHRUB PER 5 LINEAR FEET OF VUA < 50' FROM A STREET
Total Linear Ft VUA < 50' from Streets: 515 LF
Planting Required: 103 Shrubs
Planting Provided: 103 Shrubs

STREET TREES:
1 LARGE DECIDUOUS TREE PER 40 LINEAR FEET ABUTTING A STREET
Total Linear Ft Abutting Streets: 670 LF
Planting Required: 17 Trees
Planting Provided: 17 Trees

PARKING LOT LANDSCAPING:
1 DEC TREE & 4 SHRUBS PER 1,000 SF OF VUA
Total Formal Vehicular Use Areas: 89,117 SF
Planting Required: 89 Trees, 356 Shrubs
Planting Provided: 81 Trees, 848 Shrubs

Note: Of the total VUA, 54,750 SF is associated with a parking lot with multiple parking bays. This requires 55 trees and 220 shrubs. Of this, 19 trees and 76 shrubs are required to be planted in islands or medians within the parking lot.

BUILDING IMPACT LANDSCAPING:
1 DEC TREE & 2 SHRUBS PER 1,000 SF OF APPLICABLE BUILDING SF
Applicable Footprint: 28,203SF
Planting Required: 81 Trees, 42 Shrubs
Planting Provided: 82 Trees, 42 Shrubs

TREE SAVE AREA: N/A

RETAINING WALL LANDSCAPING: All retaining walls are under 15'. Walls will have face texture approved by the City of Asheville and are therefore exempt from the foreground landscape requirement.

PRESERVATION AND PROTECTION OF EXISTING TREES: 8 trees are anticipated to be preserved. However, no existing trees meet disturbance setback required for tree credits.

TOTAL CREDITS EARNED: N/A

PLANTING LEGEND

PARKING LOT PLANTING (PLP)– TREE

BUILDING IMPACT PLANTING (BIP)– TREE:

STREET TREE

PARKING LOT PLANTING (PLP)– SHRUB

BUILDING IMPACT (BIP)– SHRUB

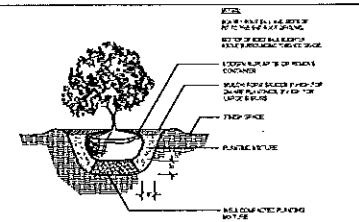
STREET BUFFER (SBP)– SHRUB

TURF GRASS

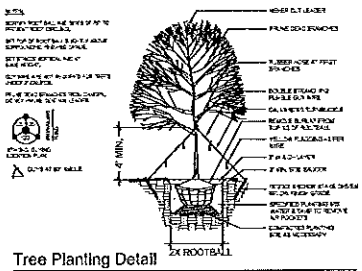
GROUNDCOVER

PLANT SCHEDULE

Symbol	Botanical Name	Common name	Qty.	Size	Condition
EVERGREEN TREES					
IO	Ilex opaca	American Holly	13	8'	B&B
CA	Cunninghamia lanceolata	Fir/Pond	11	6'-8'	B&B
PA	Picea abies	Norway Spruce	10	8'	B&B
LARGE DECIDUOUS TREES					
AR	Acer rubrum 'October Glory'	Red Maple	8	8"Cal.	B&B
LT	Liriodendron tulipifera	Yellow Poplar	8	8"Cal.	B&B
QA	Quercus alba	White Oak	8	8"Cal.	B&B
QR	Quercus rubra	Red Oak	8	8"Cal.	B&B
TC	Tilia cordata	Littleleaf Linden	15	8"Cal.	B&B
SMALL DECIDUOUS TREES					
AG	Acer ginnala	Amur Maple	4	1.5"Cal.	B&B
AL	Amelanchier arborea	Serviceberry	4	1.5"Cal.	B&B
CF	Cercis florida	Flowering Dogwood	8	1.5"Cal.	B&B
DECIDUOUS SHRUBS					
BA	Buxus sp. alba	Boxwood Sp.	16	3 Gal.	Cont.
FO	Fothergilla gardenii	Dwarf Fothergilla	85	3 Gal.	Cont.
HV	Ilex verticillata 'Winter Red'	H.C. Verticillata Winterberry	85	3 Gal.	Cont.
LF	Lagerstroemia fauriei	Crepe Myrtle Lavender	85	3 Gal.	Cont.
VP	Viburnum prunifolium 'Pink	Dwarf Viburnum Pink	8	3 Gal.	Cont.
EVERGREEN SHRUBS					
AMG	Abelia grandiflora	Glossy Abelia	58	3 Gal.	Cont.
EF	Euonymus fortunei 'Coloratus'	Purpleleaf Wintercreeper	58	3 Gal.	Cont.
IG	Ilex glabra	Inkberry Holly	58	3 Gal.	Cont.
KL	Kalmia latifolia	Mountain Laurel	8	3 Gal.	Cont.
ND	Nandina domestica	Nandina	11	3 Gal.	Cont.



Shrub Planting Detail
NOT TO SCALE



Tree Planting Detail
NOT TO SCALE