LANDSCAPE REQUIREMENT NOTES:

12.5 PARKING LOT PERIMETER LANDSCAPE YARD
- N/A, no parking lots abut as ROW

12.6 INTERIOR PARKING LOT LANDSCAPE
- 1 shade tree required in each parking lot island
- 1 shade tree proposed in each parking lot island

12.7 SITE LANDSCAPE
- One shrub for every three feet.
- Each building has 90 LF of facade, $\frac{90}{3}$ = 30 shrubs required
- *31 shrubs proposed for each of the 6 proposed buildings*

Shade trees are required in the amount of one tree every 50 feet.
- Each building has 90 LF of facade, $\frac{90}{50}$ = 2 trees required
- *2 trees proposed for each of the 6 proposed buildings*

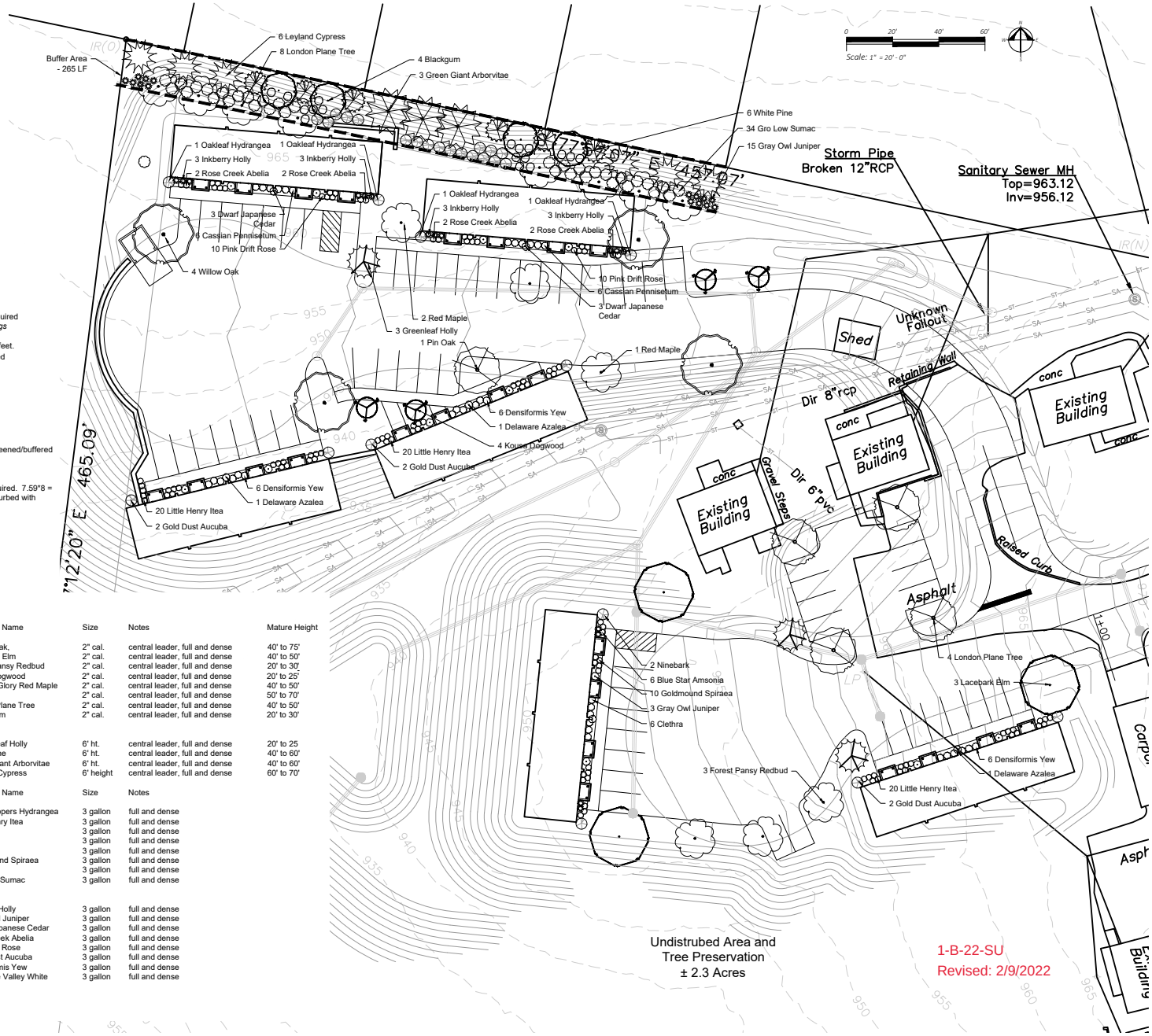
12.8 BUFFER YARDS
- Class B buffer provided on north property line
  - 20' min width
  - 1 shrub every 3' (50% evergreen), $\frac{265}{3}$ = 89 shrubs
  - 1 evergreen tree every 20', $\frac{265}{20}$ = 14 trees
  - 1 shade tree every 30', $\frac{265}{30}$ = 9 trees
- No Class A buffer proposed where parking lots are screened/buffered by existing buildings or tree preservation areas

Trees
- Total property area = 7.59 acres. 8 trees per acre required. 7.59*8 = 61 trees required. 52 trees proposed. 2.3 acres to be undisturbed with preservation of existing trees.

PLANTING LEGEND:

Qnty	Botanical Name	Common Name	Size	Notes	Mature Height
Deciduous Trees					
4	Quercus phellos	Willow Oak,	2" cal.	central leader, full and dense	40' to 75'
3	Ulmus parvifolia	Lacebark Elm	2" cal.	central leader, full and dense	40' to 50'
3	Cercis canadensis	Forest Pansy Redbud	2" cal.	central leader, full and dense	20' to 30'
4	Cornus kousa	Kousa Dogwood	2" cal.	central leader, full and dense	20' to 25'
3	Acer rubrum	October Glory Red Maple	2" cal.	central leader, full and dense	40' to 50'
1	Quercus palustris	Pin Oak	2" cal.	central leader, full and dense	50' to 70'
12	Platanus x acerifolia	London Plane Tree	2" cal.	central leader, full and dense	40' to 50'
4	Nyssa sylvatica	Black Gum	2" cal.	central leader, full and dense	20' to 30'
Evergreen Trees					
3	Ilex opaca	Green Leaf Holly	6' ht.	central leader, full and dense	20' to 25
6	Pinus strobus	White Pine	6' ht.	central leader, full and dense	40' to 60'
3	Thuja	Green Giant Arborvitae	6' ht.	central leader, full and dense	40' to 60'
6	Cupressus x leylandii	Leyland Cypress	6' height	central leader, full and dense	60' to 70'

Qnty	Botanical Name	Common Name	Size	Notes
Deciduous Shrubs				
4	Hydrangea quercifolia	Ruby Slippers Hydrangea	3 gallon	full and dense
60	Itea virginica 'Sprich'	Little Henry Itea	3 gallon	full and dense
12	Pennisetum alopecuroides	Cassian	3 gallon	full and dense
2	Physocarpus opulifolius	Ninebark	3 gallon	full and dense
6	Amsonia	Bluestar	3 gallon	full and dense
10	Spiraea japonica 'Goldmound	Goldmound Spiraea	3 gallon	full and dense
6	Clethra alnifolia	Clethra	3 gallon	full and dense
34	Rhus aromatica	Gro-Low Sumac	3 gallon	full and dense
Evergreen Shrubs				
12	Ilex glabra	Inkberry Holly	3 gallon	full and dense
18	Juniperus virginiana	Grey Owl Juniper	3 gallon	full and dense
6	Cryptomeria japonica 'nana glubosa'	Dwarf Japanese Cedar	3 gallon	full and dense
8	Abelia x chinensis	Rose Creek Abelia	3 gallon	full and dense
20	Rosa meijocos	Pink Drift Rose	3 gallon	full and dense
6	Aucuba japonica	Gold Dust Aucuba	3 gallon	full and dense
18	Taxus x media	Densiformis Yew	3 gallon	full and dense
3	Rhododendron	Delaware Valley White	3 gallon	full and dense



Beasley

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Red Bud Road Apartments

747 East Red Bud Road

Knoxville Tennessee

Submittal Record
12.17.21 revised buffer and total tree count notes

Preliminary Plans
Not for Construction

February 10, 2022

Landscape Plan

L100