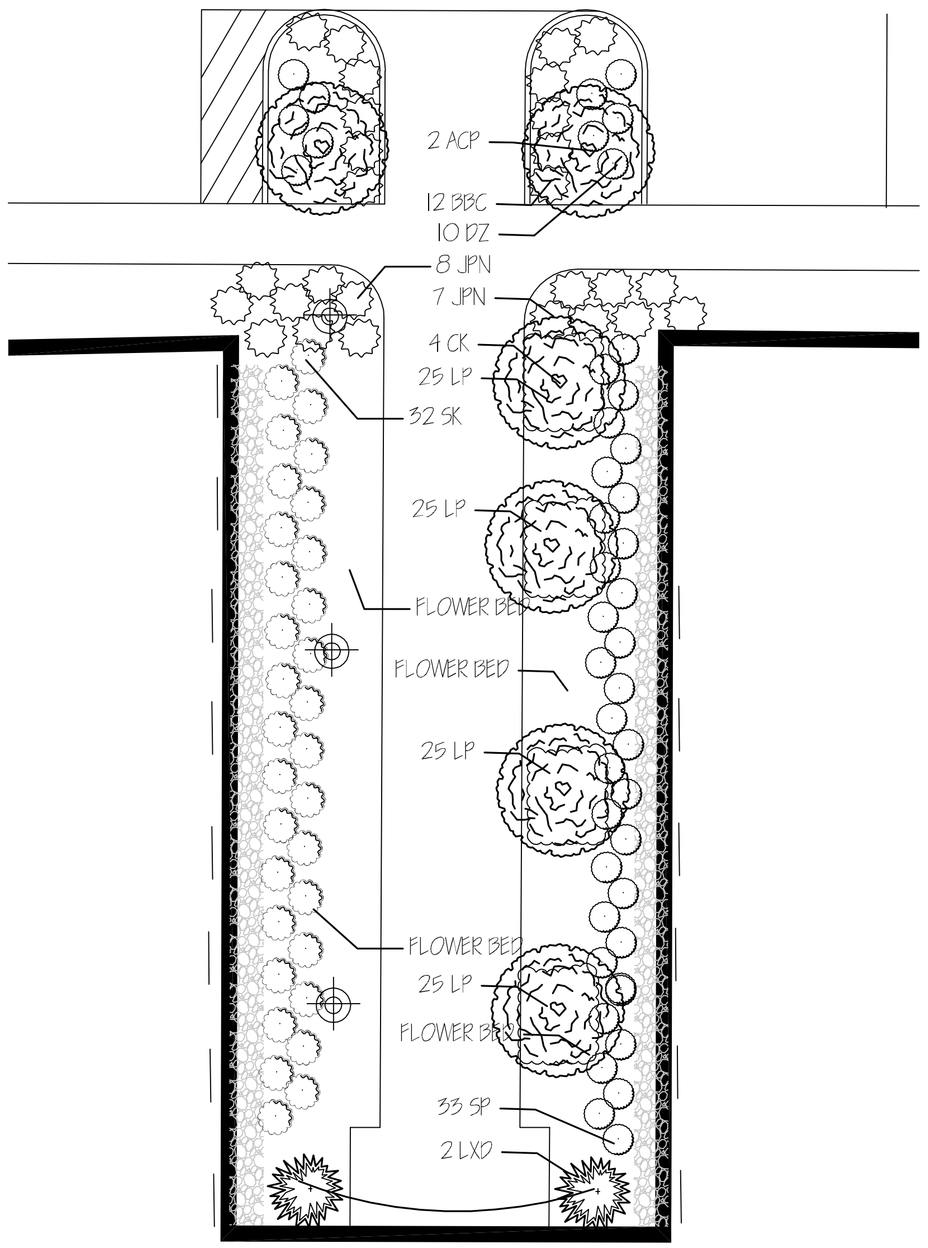


QTY	BOTANICAL NAME	COMMON NAME	SIZE
ACP	2 Acer Palmatum Bloodgood	Bloodgood Japanese Maple	12'-14'
BBC	12 Berberis thunbergii 'Crimson Pygmy'	Crimson Pygmy Barberry	18"-21"
CK	4 Cornus Kousa	Chinese Dogwood	10'-12'
DZ	10 Deautzia gracillis "Nikko'	Nikko Dwarf Deutzia	18"-21"
JPN	15 Juniperus procumbens 'Nana'	Garden Juniper	#2
LP	100 Liriope muscari	Liriope	#1
LXD	2 Ilex aquipernyi 'Dragon Lady'	Dragon Lady Holly	5'-6'
SK	32 Skimmia japonica	Japanese Skimmia	18"-24"
SP	33 Spirea bumalda 'Crispii'	Red Spirea	18"-24"

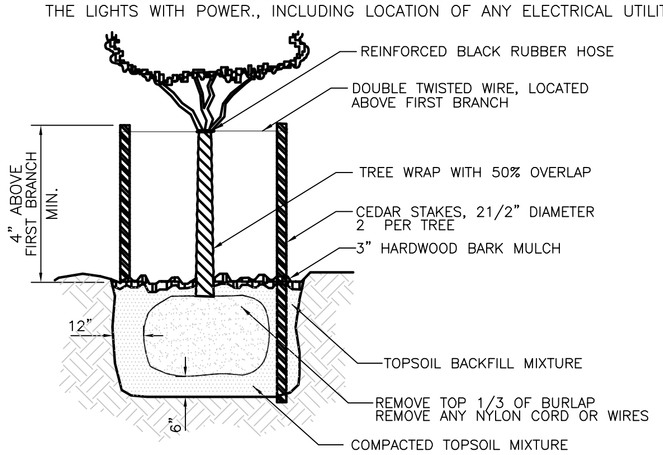
THESE PLANS ARE PREPARED FOR THE INSTALLATION OF LANDSCAPE MATERIAL. ANY OTHER INSTALLATIONS SHALL BE REFERRED TO THE PLANS AS PREPARED BY BOHLER ENGINEERING.

CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS REQUIRED FOR THE WORK SHOWN ON THESE DRAWINGS.

CONTRACTOR IS RESPONSIBLE FOR LOCATING ANY UTILITIES PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL REFER TO ALL DRAWINGS, INCLUDING THOSE PREPARED BY BOHLER ENGINEERING FOR INFORMATION.

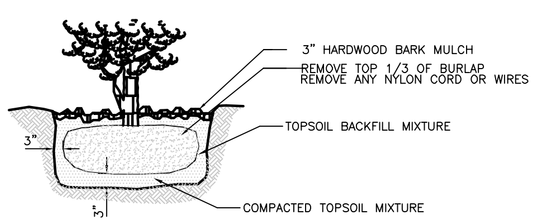
CONTRACTOR IS RESPONSIBLE FOR THE PROPER PREPARATION OF THE SOILS BELOW GRADES FOR PROPER ESTABLISHMENT OF PLANT MATERIAL.

LIGHT FIXTURES ARE LOCATED BASED ON ISOLUX PATTERNS AS PROVIDED BY THE MANUFACTURER. CONTRACTOR IS RESPONSIBLE FOR DETERMINING METHOD OF ELECTRICAL CONNECTIONS, ETC. TO PROVIDE THE LIGHTS WITH POWER., INCLUDING LOCATION OF ANY ELECTRICAL UTILITY BOXES, ETC.



TREE PLANTING DETAIL

N.T.S.



SHRUB PLANTING DETAIL

N.T.S.

PLANTING NOTES

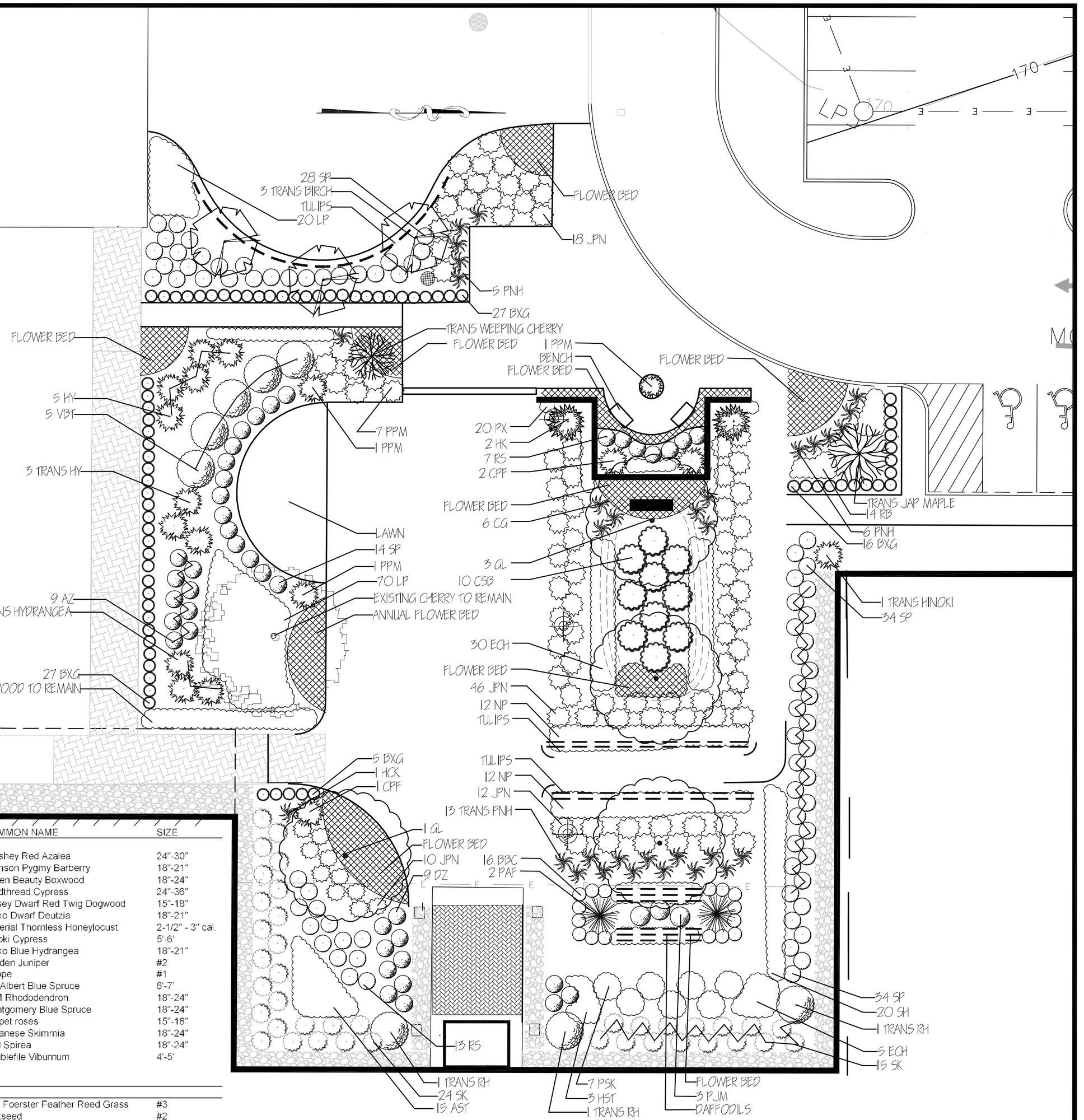
1. All materials are to be type & size listed unless approved by Landscape Architect.
2. Trees & shrubs are to be in accordance with American Nurseryman Association Standards regarding size & quality.
3. Plants are to be planted upright in a direction so as to give best appearance of relationship to adjacent areas.
4. Plan is diagrammatic. Plant locations may be adjusted for field conditions with Landscape Architect approval.
5. The contractor must verify the location of all utilities prior to any implementation.
6. In the event of a discrepancy, the contractor shall notify the Landscape Architect immediately for review and resolution.
7. Trees shall be supported immediately after planting. See details.
8. Planting pits are to be prepared as shown in details. Lawn areas are to have a minimum of 6" of topsoil.
9. All planting beds are to have a 3" layer of shredded hardwood bark mulch.
10. Provide new or amended topsoil backfill for all newly planted materials. Organic matter contents shall be a minimum of 5.0%; pH range between 5.0–6.5 inclusive, free of stones 1" diameter or greater & free of all debris & extraneous materials.
11. Chemical fertilizer to be derived from organic sources and applied in accordance with manufacturers specifications.
12. A temporary protective fence shall be erected around the drip lines of any existing trees which are to remain. The fence shall be in place prior to the commencement of construction. The fence shall be snow fenceing or approved equal and will remain in place until the completion of all construction activities.
13. Feeder roots of existing trees to remain shall not be cut within the drip lines.
14. Damaged trunks or exposed roots shall be cleaned, repaired and painted immediately with a good quality tree paint.
15. Do not fill within 10' of existing trees to remain.
18. Seeding mixtures and/or rates not listed above may be used if recommended by the local Soil Conservation District, Soil Conservation Service; recommendations of the Cooperative Extension Service may be used if approved by the Soil Conservation District. Legumes (flatpea, crownvetch, trefoil, lespedeza) should be mixed with proper inoculant prior to planting.
19. Grass seed mixture checked by the chief of the Bureau of Seed Certification, New Jersey Department of Agriculture, Trenton, New Jersey, will assure the purchaser that the mixture obtained is the mixture ordered.
20. All plants shall be guaranteed for at least 1 year from the date of installation.

SEEDING NOTES:

1. Prepare a good crumbly seed bed: till 6–8 inches deep, firm and level well after tilling.
2. Fortify the seedbed with fertilizer and lime. A soil test is the surest way to establish proper rates. Application should be made uniformly and worked into the top 3/4 inches of soil.
3. After all materials have been worked in, firm up the soil by rolling to assure that no soft spots remain that would settle later on.
4. With a wide–toothed rake or tine–harrow, rake the area into a crumbly state with about an inch of loose soil at the surface.
5. Apply the seed with a drop or cyclone spreader. For sloped or hard to reach areas hydroseeding is recommended.
6. Lightly rake the seed into the soil. Seed needs to be bedded in soil to germinate quickly and uniformly (not necessary if hydroseeding with a mulch).
7. Optional mulching with straw ar salt hay is beneficial, especially on sloping areas to hold soil and seed in place in heavy rain or during watering.
8. In the absence of rain the newly seeded area should be watered 2–3 times daily.

SOD NOTES:

1. Prepare a good crumbly seed bed: till 6–8 inches deep, firm and level well after tilling.
2. Fortify the seedbed with fertilizer and lime. A soil test is the surest way to establish proper rates. Application should be made uniformly and worked into the top 3/4 inches of soil.
3. After all materials have been worked in, firm up the soil by rolling to assure that no soft spots remain that would settle later on.
4. Avoid laying sod on dry, powdery soil. If necessary, irrigate prior to laying sod. A soil that is moist to a depth of six inches, but not saturated, allows the new roots to establish rapidly.
5. The ends of the sod pieces should be staggered to prevent lines across the turf.
6. Make sure that the edges of the sod are in good contact with each other, but not overlapping. Avoid stretching the sod or gaps will develop between the pieces when the sod drys.
7. On sloped areas , it may be necessary to peg the sod strips with wooden pegs to prevent slippage.
8. After laying the sod, roll to insure goods contact with the soil.
9. Thoroughly water the sod immediately after rolling, and repeat every day until the roots have grown into the soil. (Normally, rooting requires 2–3 weeks.)



QTY	BOTANICAL NAME	COMMON NAME	SIZE
AZ	9 Azalea Hershey Red	Hershey Red Azalea	24"-30"
BBC	16 Berberis thunbergii 'Crimson Pygmy'	Crimson Pygmy Barberry	18"-21"
BXG	75 Buxus microphylla japonica 'Green Beauty	Green Beauty Boxwood	18"-24"
CPF	2 Chamaecyparis pisifera filifera 'Aurea'	Goldthread Cypress	24"-36"
CSB	10 Cornus sericea 'Kelsey' "'	Kelsey Dwarf Red Twig Dogwood	15"-18"
DZ	11 Deautzia gracillis "Nikko'	Nikko Dwarf Deutzia	18"-21"
GL	4 Gleditsia triacanthos var inermis 'Impcole'	Imperial Thornless Honeylocust	2-1/2" - 3" cal.
HK	2 Chamaecyparis obtusa	Hinoki Cypress	5'-6'
HY	5 Hydrangea Nikko Blue	Nikko Blue Hydrangea	18"-21"
JPN	93 Juniperus procumbens 'Nana'	Garden Juniper	#2
LP	90 Liriope muscari	Liriope	#1
PAF	2 Picea pungens 'Fat Albert'	Fat Albert Blue Spruce	6'-7'
PJM	3 Rhododendron PJM	PJM Rhododendron	18"-24"
PPM	3 Picea pungens Montgomery	Montgomery Blue Spruce	18"-24"
RS	20 Rosa	Carpet roses	15"-18"
SK	39 Skimmia japonica	Japanese Skimmia	18"-24"
SP	76 Spirea bumalda 'Crispii'	Red Spirea	18"-24"
VBT	5 Viburnum trilobum ' Mariesii	Doublefile Viburnum	4'-5'

	PERENNIALS & BULBS		
CG	6 Calamogrostis acutifloria 'Karl Foerster'	Karl Foerster Feather Reed Grass	#3
CO	25 Coreopsis	Tickseed	#2
DF	400 Daffodil Bulbs	Daffodils	#3
ECH	35 Echinacea purpurea "kim's Knee High'	Kim's Compact Coneflower	#2
HCK	1 Hakonechloa aurea	Yellow Hakone Grass	#3
HST	3 Hosta	Tickseed	#3
NP	36 Nepata	Catmint	#2
PNH	12 Pennisetum alopecuroides 'Hameln'	Hameln Fountain Grass	#3
PSK	7 Perovskia atrici	Russian Sage	#2
RB	19 Rudbeckia fulva	Black Eye Susan	#2
SH	20 Shasta Daisy	Shasta Daisy	#2
TP	300 Tulip Bulbs	Tulips	#3

BASE PLAN, INCLUDING BUILDING LOCATIONS, ELEVATIONS, UTILITIES, ETC. WAS TAKEN FROM PLANS ENTITLED PARKING LOT IMPROVEMENTS, BLOCK 1000, LOT 52, AS PREPARED BY YOVANE ENGINEERING, SIGNED BY JOHN SMITH, DATED JANUARY 26, 2009

	REVISED COURTYARD LAYOUT AND PLANTING	4/15/09
	REVISED COURTYARD LAYOUT AND PLANTING	4/9/09
	REVISIONS	

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BARRY CAUL, ASLA
CERTIFIED LANDSCAPE ARCHITECT NJ LICENSE #AS00759

COMMERCIAL PROPERTY PLANTING PLANS COURTYARD A & B

BLOCK 1000, LOT 52
MUNICIPALITY, XXX COUNTY, NEW JERSEY

SHEET 02 OF 03

JOB No.	209-005a
DATE:	4/4/09
SCALE:	1"=10'
DESIGNED BY:	BC
CHECKED BY:	BC