



- PLANT SCHEDULE NOTES:**
1. LOCATION OF PERIMETER PLANTING FOR BASINS SUBJECT TO REVIEW AND APPROVAL OF WEST WINDSOR TOWNSHIP LANDSCAPE ARCHITECT PRIOR TO PLANTING.
 2. ANY TREE IN A SCOT TRIANGLE OR MEDIAN SHALL BE LIMBED UP TO 7' UPON PLANTING.
 3. PLANT SPECIES SELECTED BASED ON THE RUTHERS AGRICULTURAL EXTENSION LIST OF PLANTS RATED BY DEER RESISTANCE AS "RARELY DAMAGED" OR "SELDOM SEVERELY DAMAGED". DESPITE PLANT RESISTANCE, DEER BROWING IS DEPENDANT UPON POPULATION STRESSES AND NO PLANT CAN BE GUARANTEED AS "DEER PROOF". ADDITIONAL PHYSICAL PROTECTION AND DEER SPRAYS MAY NEED TO BE EMPLOYED IF DEER BROWING IS FOUND TO BE AN ISSUE.
 4. THE PLANTS SPECIFIED FOR THIS PROJECT ARE ADAPTED TO LOCAL CONDITIONS AND RAINFALL PATTERNS SO AS NOT TO REQUIRE WATERING ONCE ESTABLISHED. THEREFORE, PERMANENT IRRIGATION IS NOT REQUIRED. ALL NEW PLANTS ARE TO BE WATERED DURING THE ESTABLISHMENT PERIOD USING HOSE BIBS ON BUILDINGS OR A CONTRACTOR'S WATERING TRUCK AS REQUIRED TO MAINTAIN HEALTH AND ENCOURAGE GROWTH.
 5. REFER TO SHEET LP501 FOR MEADOW SEEDING, CONSTRUCTED WETLAND, AND BIOTENTATION PLANTING NOTES.

DECIDUOUS TREES		CODE	BOTANICAL / COMMON NAME	SIZE	QTY	REMARKS
AR	ACER RUBRUM / RED MAPLE			2 1/2"-3" CAL.	102	
AS	ACER SACCHARINUM 'LEGACY' / LEGACY SUGAR MAPLE			2 1/2"-3" CAL.	247	
BN	BETULA NIGRA / RIVER BIRCH			1.5" CAL.	46	
BDN	BETULA NIGRA 'SWIFT' IV / DARK HEAT RIVER BIRCH			6"-7" HT.	9	
CO	CELTIS OCCIDENTALIS 'FRANK PRICE' / FRANK PRICE COMMON HACKBERRY			2 1/2"-3" CAL.	120	
OK	CLADOSTOMA KENTUCKA / AMERICAN YELLOWWOOD			2 1/2"-3" CAL.	64	
GT	GLEDITSIA TRACANTHOS INERMIS 'SUNBURST' / SUNBURST HONEY LOCUST			2 1/2"-3" CAL.	30	
LS	LIQUIDAMBAR STRACAPFLA / SWEET GUM			6" HT.	54	
LR	LIQUIDAMBAR STRACAPFLA 'NOTANDOLA' / ROUND-LEAVED SWEET GUM			2 1/2"-3" CAL.	37	
NS	NYSSA SYLVATICA / SWEETGUM			12"-15" HT.	33	
NY	NYSSA SYLVATICA / SWEETGUM			6" HT.	8	
OV	OSTRYA VIRGINIANA / AMERICAN HORNBREAM			6"-7" HT.	10	
PL	PLATANUS X ACERIFOLIA 'BLOODGOOD' / BLOODGOOD PLANE TREE MULTI-TRUNK			2 1/2"-3" CAL.	63	
QA	QUERCUS ALBA / WHITE OAK			2 1/2"-3" CAL.	33	
QP	QUERCUS PALustris / PIN OAK			6" HT.	30	
QR	QUERCUS RUBRA / RED OAK			6" HT.	36	
US	UNIONIS AMERICANA 'FRANCO' / PRINCETON AMERICAN ELM			2 1/2"-3" CAL.	61	
ZM	ZELKOVA SERRATA 'MUSASHINO' / MUSASHINO SAWLEAF ZELKOVA			6"-7" HT.	15	

EVERGREEN TREES		CODE	BOTANICAL / COMMON NAME	SIZE	QTY	REMARKS
AC	ABIES CONCOLOR / WHITE FIR			8"-10" HT.	64	
CY	CRYPTOMERIA JAPONICA 'YOSHINO' / YOSHINO JAPANESE CEDAR			8"-10" HT.	68	
IA	ILEX OPACA / AMERICAN HOLLY			6"-7" HT.	63	
JE	JANIPERUS VIRGINIANA / EASTERN RED CEDAR			8"-10" HT.	73	
PA	PICEA ABIES / NORWAY SPRUCE			8"-10" HT.	52	
PO	PICEA OBOVATA / SEBASTIAN SPRUCE			8"-10" HT.	68	
PS	PRINUS STROBUS / WHITE PINE			6"-7" HT.	78	
TI	THUJA X 'GREEN GIANT' / GREEN GIANT ARBORVITAE			8"-10" HT.	92	

ORNAMENTAL TREES		CODE	BOTANICAL / COMMON NAME	SIZE	QTY	REMARKS
AO	AMELANCHIER ALTIFFOLIA 'DELIGHT' IV / STANDING OVATION SERVICEBERRY			6"-7" HT.	44	
AG	AMELANCHIER X GRANDIFLORA 'AUTUM BRILLIANCE' / AUTUMN BRILLIANCE APPLE SERVICEBERRY			10"-12" HT.	64	
CC	CERCIS CANADENSIS / EASTERN REDBUD			6"-7" HT.	72	
CV	CHOENANTHUS VINCOSUS / WHITE FRAGREETREE			10"-12" HT.	53	
CM	CORNUS MAS / CORNELIUS CHERRY			10"-12" HT.	89	
CW	CRATAEGUS VIRENS 'WINTER KING' / WINTER KING HAWTHORN			10"-12" HT.	48	
MA	MAGNOLIA ACUMINATA / CUMECUMETREE MAGNOLIA			6"-7" HT.	50	
SR	SYRINGA RETICULATA 'VIGY SILK' / IVORY SILK JAPANESE TREE LILAC			10"-12" HT.	65	

SHRUBS		CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
AP	ASCULUS PARVIFLORA / BUTTERFLUSH BUCKEYE			2" HT.	CONTAINER	13	
BW	BALUS MOROPHYLLA JAPONICA 'WINTER GEM' / WINTER GEM JAPANESE BOKWOOD			2" HT.	CONTAINER	28	
HS	HAMAMELIS VERNALIS / OAKRITCH WITCHAZEL			2" HT.	CONTAINER	18	
HO	HYDRANGEA QUERCIFOLIA / OAKLEAF HYDRANGEA			2" HT.	CONTAINER	30	
IS	ILEX GLABRA / INKBERY HOLLY			2" HT.	CONTAINER	383	
IG	ILEX GLABRA 'SHAMROCK' / SHAMROCK INKBERY HOLLY			2" HT.	CONTAINER	114	
IVB	IVY VERTICILLATA 'AM DANDY' / AM DANDY WINTERBERRY			2" HT.	CONTAINER	6	
IVS	ILEX VERTICILLATA 'RED SPIRIT' / RED SPIRIT WINTERBERRY			2" HT.	CONTAINER	39	
IS	ILEX VERTICILLATA 'SOUTHERN GENTLEMAN' / SOUTHERN GENTLEMAN WINTERBERRY			2" HT.	CONTAINER	6	
IVR	ILEX VERTICILLATA 'WINTER RED' / WINTER RED WINTERBERRY			2" HT.	CONTAINER	46	
WP	WIRSCA PENNSYLVANICA / NORTHERN BAYBERRY			2" HT.	CONTAINER	554	
NR	NANDINA DOMESTICA 'MOVERS RED' / MOVERS RED HEAVENLY BAMBOO			2" HT.	CONTAINER	78	
HR	IRIS TINNINA 'SALIZIER' IV / TIGER EYES STAGHORN SAMAK			2" HT.	CONTAINER	35	
VR	VIBURNUM RHYTHYDOPHYLLUM 'ALLEGHANY' / LEATHERLEAF VIBURNUM			2" HT.	CONTAINER	276	

GRASS COVERS		CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	SPACING	QTY	REMARKS
AH	ANISONA HIBRIDA / ARKANSAS BLUESTAR			3 GAL.	CONTAINER	24" o.c.	1,211	
CL	CHAMANTHUM LATIFOLIUM / NORTHERN SEA OATS			3 GAL.	CONTAINER	12" o.c.	4,444	
DP	DIENSTADTIA PUNCTICRASSA / HAY-SCENTED FERN			3 GAL.	CONTAINER	24" o.c.	1,300	
HC	HYPERICUM CALYCNAN / CREeping ST. JOHN'S WORT			3 GAL.	CONTAINER	18" o.c.	824	
JB	JANIPERUS CONFERTA 'BLUE PACIFIC' / BLUE PACIFIC SHORE JUNIPER			3 GAL.	CONTAINER	48" o.c.	384	
JK	JANIPERUS X 'GREY OAK' / GREY OAK JUNIPER			3 GAL.	CONTAINER	48" o.c.	45	
LM	LIMPHO MESSICAN / LILYSPUR			3 GAL.	CONTAINER	9" o.c.	8,674	
SH	SPOROBOLUS HETEROPUS / PRAIRIE DROPSEED			3 GAL.	CONTAINER	24" o.c.	1,312	

ORDINANCE SECTION	ORDINANCE REQUIREMENT	REQUIRED/PROPOSED	COMPLIANCE
Ord. 2000-25 sec. 200-207 PCD Use Regulations	U1-7. Landscape Buffers in PCD	1) A landscape buffer of 50 feet shall be provided along US Route 1 and Quakerbridge. 2) A landscape buffer of 75 feet shall be provided along Clarksville Road. 3) A landscape buffer of 25 feet shall be provided along the master plan road located between US Route 1 and Quakerbridge Road. 7) Substantially landscaped and buffered streets within the PCD may be used to offset any setbacks or landscaped buffers provided that a maximum of 50% of the basin may be located within the buffer area.	COMPLIES
Ord. sec. 200-228 Landscaping	A. Landscaping in non-residential districts	The entire lot, except for areas covered by buildings or surfaced as parking, recreation or service areas, shall be seeded, sodded or planted with ground cover and suitable landscaping. Existing trees or landscaping and topography located within 20 feet of any street line, lot or zoning district line shall not be removed. Without Planning Board approval.	COMPLIES
Ord. sec. 200-228 Landscaping	B. Landscaping front yard parking	1) The front yard area not containing parking shall contain a landscape strip or screen. Landscaping each basin may also be used in front yard areas. Such landscaping shall be subject to the approval of the Planning Board. 2) Provide landscaping to at least 75% of parking area with 50 species or more from adjoining public streets or adjacent lots.	COMPLIES
Ord. sec. 200-228 Landscaping	D. Screening outdoor storage	Any article or material stored outside an enclosed building shall be screened by fencing, walls or evergreen planting so that it cannot be seen ground level from adjoining public streets or adjacent lots.	COMPLIES
Ord. sec. 200-91 Const. Maint. And Installation	P.1-7 Street Trees	a. Use plantings to break up long buildings, b. shade trees to south, windbreaks to north, d. plants adapted to soil and rainfall, e. avoid blocking desired sight lines or encroaching by full grown plants, f. plants to be per ADA standards, g. landscape shall not block access by emergency vehicles.	COMPLIES
Ord. sec. 200-91 Const. Maint. And Installation	P.2 Street Trees	Street trees shall be provided for all streets per VW Township requirements (4) for location, and spacing.	COMPLIES
Ord. sec. 200-91 Const. Maint. And Installation	P.4 1p-4 Stormwater area planting	1) Vary street width, spacing trees to 15 feet from the outside and 2' to 3' from center. 2) The total number of street trees shall average one for every 70 linear feet. 3) Planting shall consider views and landscape elements. 4) Trees within a sight triangle shall be a size that allows for listing up to 7'11".	COMPLIES
Ord. sec. 200-91 Const. Maint. And Installation	P.5 Open space in Commercial, Office or Manufacturing developments	Provide a quantity of trees that would cover the interior of the basins with trees on a 20' x 20' grid to the high-water line or outflow elevation. Of this number, 10% shall be min. 2 1/2" cal., 20% shall be 7" cal. and 70% shall be 6" or 8" cal. (all trees shall be planted in grass and spaced 5' to 15' o.c.). 20' x 20' for buildings over 10,000 sq ft shall be provided near the building perimeter (within 75') at the rate of 40' o.c. around the perimeter of the building (Basin Perimeter). 80,000 total perimeter = 4,000 shade trees required. Provided: 6,120 of shade trees, 401,000 (approx. 401,000/LF) w/o m trees and shrubs to screen structures, and create visual interest. [4] Provide for emergency access and general maintenance of the basins and should screen, yet not hinder, vehicular access. [5] No planting on dikes.	COMPLIES
Ord. sec. 200-91 Const. Maint. And Installation	P.6-1 Buffers	1) Filtered screening shall be required at perimeter of parking areas and where interior roads run parallel with other roads. 2) Provide 25' wide landscape buffer (3) Preserve existing trees where possible to be supplemented with mature shade-tolerant coniferous and ornamental trees. 2) In areas void of existing vegetation, (4) Provide grade berms above the high water line shall include shade trees and evergreen shrubs. Shrubs used to screen height gain shall be spaced a minimum of 2' o.c. as a double row (5). Provide shade for parking areas and evergreen and ornamental trees to screen (6) Minimum plant size shall be shade trees no smaller than 2 1/2" cal., evergreen and ornamental trees 6" DBH and shrubs 2 1/2'.	COMPLIES
Ord. sec. 200-91 Const. Maint. And Installation	P.7 Parking areas	1) Trees within the parking areas shall be provided at a minimum rate of 2 trees per 10' species. Landscape buffer or parking area perimeter plantings do not satisfy this requirement. 2) Shade trees shall be a minimum 2 1/2" caliper. Parking lot lighting should be sited within landscape islands. However, trees that not hinder safe lighting coverage.	COMPLIES

LANDSCAPE LEGEND

- MEADOW MIX B, REF. LP501
- RESTORATION AREA; REF. NOTES ON LP501
- CONSTRUCTED WETLAND; REF. NOTES ON LP501
- MEADOW AREA WITH BASIN BOTTOM WOODY PLANTS MIX REF. LP200 SERIES AND LP501
- MEADOW MIX B WITH BASIN SIDES WOODY PLANTS MIX REF. LP200 SERIES AND NOTES AND TEMPLATE ON LP501
- MEADOW MIX B WITH BASIN SIDES WOODY PLANTS MIX - WINTERBERRY REF. LP200 SERIES AND NOTES AND TEMPLATE ON LP501

250 0 125 250
SCALE: 1 INCH = 250 FEET

Project No. 13012801
Drawing No. LP100

Project Date: 12/03/2021
Checked By: KK
Checked By: AP/JS

2/15/2022	Revised per Township Comments	2
12/3/2021	Completeness Revisions 1	1
Date	Description	No.

REVISIONS

SIGNATURE: *JOS* DATE SIGNED: _____
 LANDSCAPE ARCHITECT NJ Lic. No. 21AS00045700

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 NJ CERTIFICATE OF AUTHORIZATION No. 24624796460

SEE SHEET LP200-214 FOR BASIN PLANTING
 SEE SHEET LP501-502 FOR PLANTING NOTES AND DETAILS