LANDSCAPE NOTES

- Plants shall conform to current "American Standards for Nursery Stock" by American Association of Nurserymen (AAN), particular insure conformance to national and local building codes and ordinances.
- 2. All plants (B&B or container) shall be properly identified by weatherproof labels securely attached hereto before delivery to project site. Labels shall identify plants by name, species and size. Labels shall not be removed until the final inspection by the owners representative.
- 3. Any material and/or work may be rejected by the owners representative if it does not meet the requirements of the specifications. The contractor shall remove all rejected materials from the site.
- of work. Quantities in the plant schedule are for the contractors convenience only and do not constitute the final count.
- Substitutions in plant species shall be permitted with the written approval of the owners representative per the plant substitution list shown.
- Contractor shall locate and mark all underground utility lines and irrigation systems prior to excavating plant beds or pits. All utility easement areas where no planting shall take place shall also be marked on the site, prior to locating and digging the tree pits. If utility lines are encountered in excavation of tree pits, other locations for the trees shall be selected by the owners representative. Such changes shall be made by the contractor without additional compensation. No changes of location shall be made without the approval of the owners representative.
- 8. All equipment and tools shall be placed so as not to interfere or hinder the pedestrian and vehicular traffic flow.
- 9. During planting operations, excess and waste materials shall be promptly and frequently removed from the site.
- 10. All plant shrub beds are to be dug to a minimum of 24" deep and all existing soil, construction debris, roots and other foreign material are to be removed and discarded off site. All plant shrub beds are to be excavated to the width shown on the plans.
- 11. All tree pits are to be excavated to a minimum depth to allow the tree root ball to be a minimum of 4" higher than finish grade. The tree root ball is to rest on undisturbed soil, or a compacted bed must be prepared for the tree root ball to rest on and which will not subside causing the tree to sink below finish grade. All tree pits are to be a minimum of 12" larger on every side of the trees root ball.
- 12. The planter beds are to be entirely cleaned out to the undisturbed soil level. All existing soil, construction debris, roots and other foreign material are to be removed and discarded offsite.
- 13. The topsoil to be used to fill the tree pits, shrub beds and planters is to be plant specific. The topsoil for the trees, shrubs and planter shall consist of a maximum 2/3 existing or imported topsoil from the site, which is cleaned and free of clay and a minimum of 1/3 peat moss, or other approved organic material. All of these materials are to be mixed prior to placing in the planter or backfilling when planting.
- 14. The contractor is responsible to ensure that all tree pits, shrub beds and planter are well drained. The landscape contractor, without cost to the owner, will replace all plant material which is affected by poor drainage.
- 15. All lawn areas are to be seeded with grass seed appropriate for each of the sunlight conditions, which exist on the site.
- 16. All lawn areas are to be tilled to a depth of 6" and all foreign material removed which will inhibit the healthy growth of the lawn. All old grass and grass roots are to be removed from the site. New topsoil of a minimum 4" is to be placed over the areas to be sodded. The grass areas are to be fine graded to ensure that no undulations occur in the lawn. The lawns are to be graded in such a way as to appear perfectly well tailored and even. The lawn topsoil is to be rolled and lightly irrigated prior to placing of the seed. The seed is not to be laid on frozen or soaked soil.
- 17. The existing trees are to be protected during the preparation of the lawn areas. The roots of the trees are to be undisturbed during the cleaning of the topsoil.
- 18. The trees and shrubs are to be handled with the best care and attention to ensure that the plants are not bruised, broken, torn, or damaged in any way, which will affect the plants general appearance and well being.
- 19. The trees and shrubs are to be planted with the accepted standards of the American Association of Nurserymen. The plants are to be properly watered and backfilled during the planting. All care must be taken to ensure that the plants are upright, a plant's best side is exposed to the point of the plants greatest visibility.
- 20. The trees must be staked in accordance with acceptable nursery practice to ensure that they are secure in the ground and will grow straight and uniform. The trees are to be wrapped, if the contractor deems it necessary, to protect the trees from sun scald or insect attack.
- 21. The Landscape Contractor is to provide a 1-year guarantee for all plant material and other work done on site
- 22. Large growing plants are not to be planted in front of windows, under building overhangs, or in drainage swales. Shrubs planted near H.V.A.C units to be located so that shrubs at maturity will maintain 1 foot airspace between unit and plant.
- 23. Contractor to slightly adjust plant locations in the field as necessary to be clear of drainage swales and utilities. Finished planting beds shall be graded so as not to impede drainage away from buildings
- 24. Trees shall be located a minimum of 3 feet from walls and walks.
- 25. Quantities as shown on the plan shall govern over plant list quantities. Contractor to verify plant list totals with quantities shown on plan.
- 26. Groups of shrubs shall be placed in a continuous raised mulch bed with smooth continuous lines. All mulched bed edges shall be curvilinear in shape following the contour of the plant mass. Trees located within 4 feet of shrub beds shall share same mulch bed.
- 27. All landscaping within SWM easements will be reviewed, approved and inspected by MCDPS Water Resources Staff. Refer to SWM Landscape Drawing Set.

Establishment and Long Term Maintenance

Area's designated as Conservation Management Area are the responsibility of the HOA, typically involve meadow habitat. The conservation management plan is being provided in accordance with the master plan, and has been approved by the Planning, Parks, and DEP as part of the preliminary plan for the site. Below are the Best Management Practices for the conservation management area.

Site Preparation:

Prior to planting of native meadow seed, mixed existing vegetation on the site should be eliminated. This process should begin in the spring growing season which will allow for planting in the fall or spring of the following year. Throughout most of the conservation management area, it will be appropriate to utilize broad spectrum herbicide (e.g. glyphosate), in some areas this may be accomplished if vegetation is removed as part of the building process. Prior to the application of herbicide, any unwanted woody vegetation should be removed to allow the area to be treated via boom spray. After the first treatment, the seed bank should be allowed to grow for two weeks to allow leaf surface to develop. A second herbicide application should take place when new vegetation reached 6"-8" in height. Protection devices to be utilized such as signage and interpretive signs as necessary to prevent the destruction or degradation of the planting site, and specify mowing to be once or twice per year.

Installation:

After site preparation, a native seed mix should be planted using an appropriate seed drill. For undisturbed areas, a no-till seed drill is ideal. For disturbed soils, it is recommended that after seed is installed that a roller be used to compact the soil in the planted area to ensure good seed to soil contact. Planting should occur in the fall dormant season of the year of site preparation or the following spring to allow adequate root establishment before dormant season.

Establishment

Full expression of the seed mix will likely take up to three years. Less conservative species will appear in year one and two, with more conservative species appearing in year 3 and beyond. During the first two years, the site should be maintained at 6" to 8" to allow seed mix to establish and keep pioneer weed species from over taking the site. The planting will fail if weed species are allowed to re-colonize the site during establishment. In general, mowing should be begin when site vegetation reaches 8" during the growing season and be maintained at 6"-8" until approximately mid-July. Additionally, any persistent weed species and/or woody vegetation should be treated directly with the appropriate herbicide.

Maintenance:

Maintenance will be required for the site to maintain native meadow conditions. The HOA shall be responsible to identify a contractor who will execute regular maintenance activities. At a minimum, the maintenance plan should include a list of potential non-native invasive species and their specific control measures which are provided in the non-native invasive species management plan. General maintenance should include a regular mowing schedule which will help keep woody succession from occurring on the site. Mowing should occur annually during the dormant period of January through March, this will minimize any negative impacts to wildlife that may use the habitat during the growing season or during migration. Persistent undesirable wood vegetation and invasive species should also be treated annually to ensure long-term success of the native meadow planting. Once every five years, an arborist will be hired to access the condition of the trees in the Conservation Management area and makes recommendations related to the health and 75% survival of plants and shrubs, along with monitoring any tree or deer protection fencing.

REVISION	DATE	REVISION	DATE	REVISION	DATE	Developer / Applicant:
						Pulte Homes
						10600 Arrowhead Drive, Suite 225 Fairfax, VA 22030 Attn: David DeMarco

rly with regards to site,	growth, and size of ball	and density of branch	structure. Contractor to

4. The contractor shall furnish all plants in quantities and sizes to complete the work as specified in plant schedule. The landscape contractor shall be responsible to verify all plant quantities on the plans prior to commencement

6. Plants shall be located as shown on the drawings and by scaling or as designated in the field by the owners representative. All locations are to be approved by the owners representative before excavation.

Deer Protection Fencing

OF ROOT BALL. BRING THE ROOT SYSTE CLOSER TO THE SURFAC . 14 GAUGE WIRE FABRIC WITH 2" x 4" OPENINGS. CREA TE 1-FOOT DIAMETER CAGE AROUND TREE AND FASTEN TO ST AKE. ' HARDWOOD GUYING STAKE (2' INTOGROUND), (1 STAKE PER TREE) 2" ABOVE GRADE

Notes:

- 1. Height of cage shall be 4-feet (min.).
- 2. Cage shall be fastened to stake with two (min.)
- 11-inch releasable cable ties (one at top and one 6" (min.) above the ground. 3. Do not damage tree during installation.
- 4. Substitutions must be approved by Forest Conservation Inspector.
- 5. Cases to be removed at direction of Forest Conservation Inspector.

Montgomery Planning

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION

CONSERVATION MANAGEMENT AREA EXHIBIT

BOTANICAL N NATIVE TREES Cercis canad Cornus florida Diopyros virg llex opaca-Juniperus vir |Ostrya virgir Pinus virgini Prunus serot Salix nigra-**NATIVE SHRU** Alnus serrula Hamamelis v

ON LOT PL

llex verticilla Lindera benz Sassafras al Vaccinium atrococcum Viburnum pru

Viburnum de



NOTES

ANTING LIST					
AME	COMMON NAME	SIZE	CONDITION		
5					
ensis-	Eastern Redbud	1" caliper	B&B		
<u> </u>	Flowering				
d-	Dogwood	1" caliper	B&B		
giniana-	Persimmon	1" caliper	B&B		
	American Holly	1" caliper	B&B		
giniana-	Red Cedar	1" caliper	B&B		
iana-	Hophornbeam	1" caliper	B&B		
ana-	Virginia Pine	1" caliper	B&B		
ina-	Black Cherry	1" caliper	B&B		
	Black Willow	1" caliper	B&B		
BS					
ita-	Smooth alder	24"-36" ht.	B&B		
virginiana-	Witch-Hazel	24"-36" ht.	B&B		
ta- Winterberry		24"-36" ht.	B&B		
oin-	Spicebush	24"-36" ht.	B&B		
pidum-	Sassafras	24"-36" ht.	B&B		
	Highbush				
	Blueberry	24"-36" ht.	B&B		
	Black Haw				
	Viburnum	24"-36" ht.	B&B		
ntatum-	Arrow-wood	24"-36" ht.	B&B		



Conservation Management Plan Seed Mix (or approved alternative) Mesic to Dry Native Pollinator Mix Mix Composition

30.2% *Schizachyrium scoparium, 'Camper'* (Little Bluestem, 'Camper') 22.0% Sorghastrum nutans, 'Tomahawk' (Indiangrass, 'Tomahawk') 15.0% Elymus virginicus, PA Ecotype (Virginia Wildrye, PA Ecotype) 5.0% Echinacea purpurea (Purple Coneflower) 5.0% Panicum clandestinum, Tioga (Deertongue, Tioga) **3.0%** Chamaecrista fasciculata, PA Ecotype (Partridge Pea, PA Ecotype) **3.0%** *Coreopsis lanceolata* (Lanceleaf Coreopsis) 3.0% Rudbeckia hirta, Coastal Plain NC Ecotype (Blackeyed Susan, Coastal Plain NC Ecotype)

MINARY

3.0% *Verbena hastata, PA Ecotype* (Blue Vervain, PA Ecotype) **2.0%** *Heliopsis helianthoides, PA Ecotype* (Oxeye Sunflower, PA Ecotype) 1.5% Asclepias incarnata, PA Ecotype (Swamp Milkweed, PA Ecotype) 1.0% Aster novae-angliae, PA Ecotype (New England Aster, PA Ecotype) 1.0% Senna hebecarpa, VA & WV Ecotype (Wild Senna, VA & WV Ecotype) 0.7% Pycnanthemum tenuifolium (Narrowleaf Mountainmint) 0.7% Solidago nemoralis, PA Ecotype (Gray Goldenrod, PA Ecotype) **0.6%** *Eupatorium perfoliatum, PA Ecotype* (Boneset, PA Ecotype) 0.5% Baptisia australis, Southern WV Ecotype (Blue False Indigo, Southern WV Ecotype) 0.5% Geum canadense, PA Ecotype (White Avens, PA Ecotype) 0.5% Monarda fistulosa, Fort Indiantown Gap-PA Ecotype (Wild Bergamot, Fort Indiantown Gap-PA Ecotype)

0.5% Tradescantia ohiensis, PA Ecotype (Ohio Spiderwort, PA Ecotype) 0.5% Zizia aurea, PA Ecotype (Golden Alexanders, PA Ecotype) 0.3% Asclepias syriaca (Common Milkweed) 0.3% Penstemon digitalis, PA Ecotype (Tall White Beardtongue, PA Ecotype) 0.2% Aster umbellatus, PA Ecotype (Flat Topped White Aster, PA Ecotype)

General Product Information:

The native wildflowers and grasses in this mix provide an attractive display of color from spring to fall. Designed for mesic to upland sites and full sun to lightly shaded areas. This mix will attract a variety of pollinators and songbirds. Mix formulations are subject to change without notice depending on the availability of existing and new products. While the formula may change, the guiding philosophy and function of the mix will not.

Item Number: ERNMX-105

Product Categories: Pollinator Favorites, Uplands & Meadows

Height: 1.0 - 6.0 Ft

Seeding Rate: Expect to apply about 20 lb per acre.







RODGERS CONSULTING 19847 Century Boulevard, Suite 200, Germantown, Maryland 20874 Ph: 301.948.4700 Fx: 301.948.6256 www.rodgers.com



CREEKSIDE AT CABIN

ELECTION DISTRICT NO. 2 MONTGOMERY COUNTY, MARY

MONTHS JAN FEB MAR APR MAY JUN JUL AUG SEPT OCT	NOV DEC				
XXXXXXXXXX////////XXX					

+ +	+				
THESE MONTHS ARE DEPENDENT UPON GROUND CONDITIONS SITE CONDITIONS SITE CONDITIONS: WEEKLY WATERING IS GREATLY RECOMMENDED SH OCTOBER UNLESS WEEKLY RAINFALL EQUALS 1"					
ENDED TH ADDITIONAL CARE					
most successful when coordinated with the local climatic rizes some of the recommended time frames for basic n activities.					
Maryland State FOREST CONSERVATION MANUAL G AND MAINTENANCE CALENDAR					
	SCALE: As Noted JOB No.				
BRANCH	1289A1 DATE:				
	July, 2021				
LAND	SHEET No. 3 OF 3				