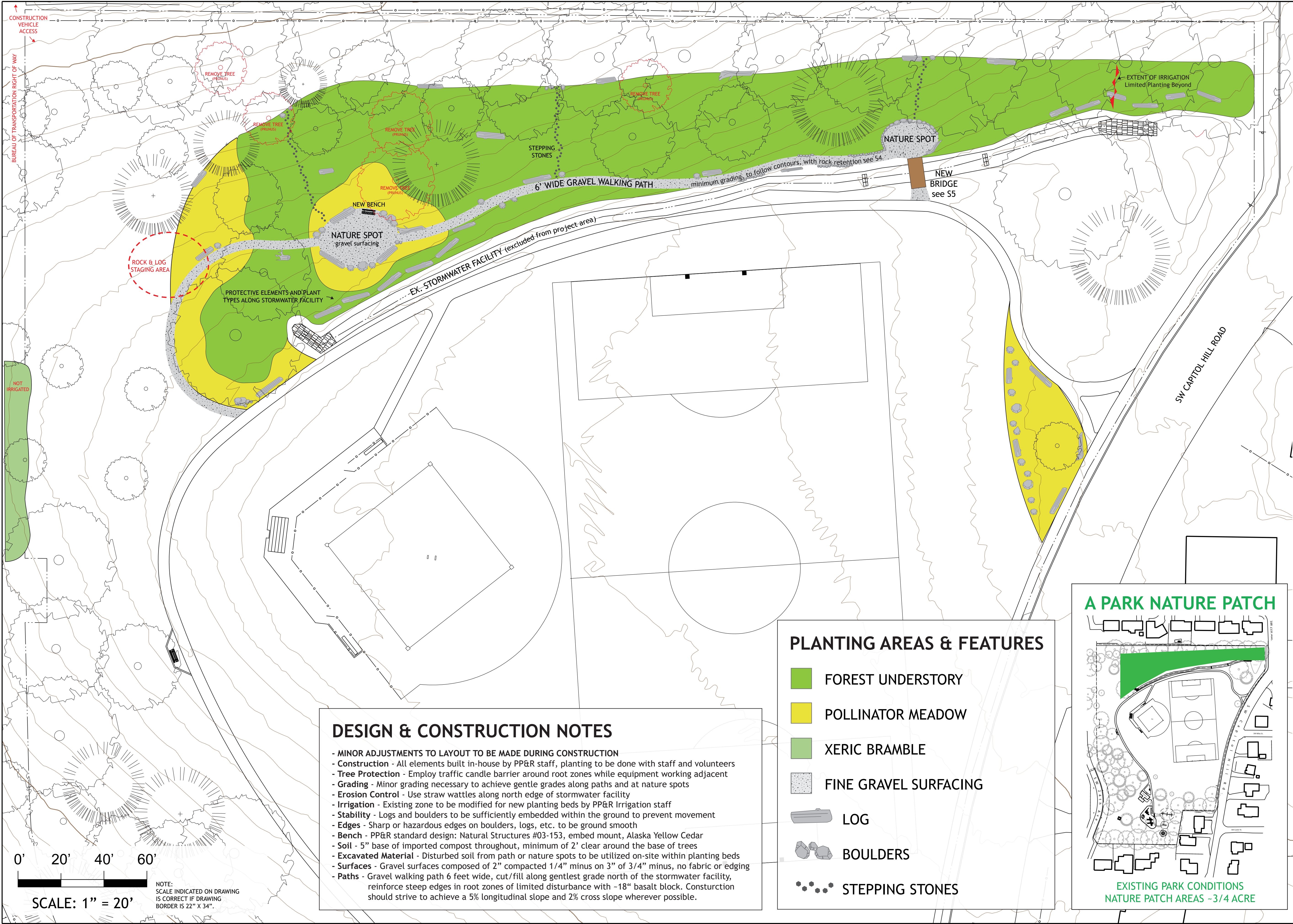




DESIGN & CONSTRUCTION NOTES

- MINOR ADJUSTMENTS TO LAYOUT TO BE MADE DURING CONSTRUCTION
- Construction - All elements built in-house by PP&R staff, planting to be done with staff and volunteers
- Tree Protection - Employ traffic candle barrier around root zones while equipment working adjacent
- Grading - Minor grading necessary to achieve gentle grades along paths and at nature spots
- Erosion Control - Use straw wattles along north edge of stormwater facility
- Irrigation - Existing zone to be modified for new planting beds by PP&R Irrigation staff
- Stability - Logs and boulders to be sufficiently embedded within the ground to prevent movement
- Edges - Sharp or hazardous edges on boulders, logs, etc. to be ground smooth
- Bench - PP&R standard design: Natural Structures #03-153, embed mount, Alaska Yellow Cedar
- Soil - 5" base of imported compost throughout, minimum of 2' clear around the base of trees
- Excavated Material - Disturbed soil from path or nature spots to be utilized on-site within planting beds
- Surfaces - Gravel surfaces composed of 2" compacted 1/4" minus on 3" of 3/4" minus, no fabric or edging
- Paths - Gravel walking path 6 feet wide, cut/fill along gentlest grade north of the stormwater facility, reinforce steep edges in root zones of limited disturbance with -18" basalt block. Construction should strive to achieve a 5% longitudinal slope and 2% cross slope wherever possible.

PLANTING AREAS & FEATURES

- FOREST UNDERSTORY
- POLLINATOR MEADOW
- XERIC BRAMBLE
- FINE GRAVEL SURFACING
- LOG
- BOULDERS
- STEPPING STONES

A PARK NATURE PATCH





PORTLAND
PARKS & RECREATION
Healthy Parks, Healthy Portland



CITY OF PORTLAND
1851

Ecologically Sustainable Landscapes Program

portland.gov/parks/eco

Portland Parks and Recreation
Carmen Rubio, Commissioner - Adena Long, Director

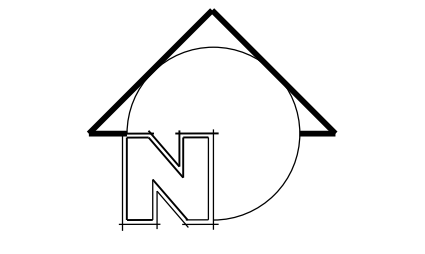
A PARK NATURE PATCH - LANDSCAPE LAYOUT
Landscape Layout

SW 21st Avenue and Capitol Hill Road, Portland, OR 97219
DATE: 10.1.21

PROJECT MANAGER: ERIC ROSEWALL
DRAWN BY: ERIC ROSEWALL

SCALE: 1" = 20'

REVISIONS		
DATE	DESCRIPTION	BY



S1
of 2

PLANT LIST											
A PARK NATURE PATCH											
total project planting area			approximately 30,000 sq. ft.						container size		
botanical name	common name	spacing	count per 100sqft	percent of plot	count per 100sqft mixed	Total plant estimate	bulbs/se ed/bare root	4"	1 gal	3 or 5 gal	B&B
Forest Understory											
total planting area			22,000	100%	2.30	4,980					
Aruncus dioicus	Goats Beard	48"	4	3%	0.1	26			30		
Deschampsia cespitosa	Tufted Hair Grass	48"	7	5%	0.4	77		75			
Dicentra formosa ssp. Oregana	Oregon Bleeding Heart	12"	100	3%	2.5	550	500				
Epimedium 'Frohnleiten'	Barrenwort 'Frohnleiten'	48"	5	5%	0.3	55		50			
Erythronium americanum	Fawn Lily	12"	100	1%	1.0	220	200				
Gaultheria shallon	Salal	36"	7	15%	1.1	231		150	100		
Hydrophyllum tenuipes	Pacific Waterleaf	24"	20	5%	1.0	220		200			
Mahonia nervosa	Dwarf Oregon Grape	36"	13	15%	1.9	413			400		
Maianthemum dilatatum	False Lily of the Valley	12"	100	5%	5.0	1100	1000				
Maianthemum stellatum	Starry False Solomon Seal	12"	75	3%	2.3	495	500				
Oxalis oregana	Oregon Oxalis	36"	15	7%	1.1	231		250			
Polystichum munitum	Sword Fern	24"	15	15%	2.3	495		300	200		
Symphoricarpos 'Scarlet Pearl'	Scarlet Pearl Snowberry	48"	5	4%	0.2	44			50		
Tellima grandiflora	Fringe Cup	12"	40	5%	2.00	440		400			
Thalictrum occidentale	Western Meadow Rue	36"	8	3%	0.2	53			50		
Trillium ovatum	Western Trillium	24"	40	1%	0.4	88		50	50		
Vaccinium membranaceum	Mountain Huckleberry	36"	15	2%	0.30	66		100			
Vaccinium parviflorum	Red Huckleberry	36"	15	2%	0.30	66		100			
Vancouveria hexandra	Insideout Flower	24"	50	1%	0.50	110	100				
Midstory Sun & Shade Accent Shrubs											
distributed throughout in appropriate sun/shade locations						61					
Acer circinatum	Vine Maple					10				10	
Arctostaphylos columbiana	Hairy Manzanita					2			2		
Ceanothus thyrsiflorus	Blueblossom Ceanothus					3			3		
Holodiscus discolor	Ocean Spray					2			2		
Mahonia aquifolium 'compacta'	Tall Oregon Grape 'compact'					7				11	
Oemleria cerasiformis	Osoberry					5			5		
Philadelphus lewisii	Mock Orange					3				3	
Physocarpus capitatus	Pacific Ninebark					3				3	
Physocarpus opulifolius 'Amber Jubilee'	Amber Jubilee Ninebark					2				2	
Physocarpus opulifolius 'Coppertina'	Coppertina Ninebark					2				2	
Ribes aureum	Golden currant					2				2	
Ribes sanguineum	Red Flowering Currant					2				2	
Sambucus racemosa	Red Elderberry					3			3		
Vaccinium ovatum	Evergreen Huckleberry					15				15	
Pollinator Meadow											
total planting area			7,000	88%	18.55	1299					
Aquilegia formosa	Western Columbine	24"	25	2%	0.5	35		50			
Asclepias speciosa	Showy Milkweed	12"	100	1%	1.0	70	75				
Elymus glaucus	Blue Wildrye	24"	15	10%	1.5	105		100			
Erigeron glaucus	Seaside Daisy	24"	15	7%	1.1	74		100			
Eriophyllum lanatum	Oregon Sunshine	24"	15	5%	0.8	53		50			
Erythronium oregonum	Fawn Lily	12"	100	1%	1.0	70	100				
Festuca romerii	Roemer's Fescue	24"	15	10%	1.5	105		100			
Gaillardia aristata	Blanketflower	24"	20	5%	1.0	70		75			
Gilia capitata	Blue Thimble Flower	24"	25	3%	0.8	53	2#				
Helenium autumnale	Sneezeweed	24"	15	3%	0.5	32			40		
Iris douglasiana	Douglas iris	24"	25	5%	1.3	88			75		
IRIS PCH	Pacific Coast Hybrid Iris	24"	25	5%	1.3	88			75		
Iris tenax	Oregon Iris	24"	25	5%	1.3	88			75		
Lilium columbianum	Columbia Tiger Lily	12"	100	1%	1.0	70	100				
Mahonia repens	Creeping Oregon Grape	24"	15	12%	1.8	126		120			
Miscanthus sinensis 'Gold Bar'	Gold Bar Maiden Grass	24"	15	10%	1.5	105		100			
Penstemon davidsonii	David's Penstemon	36"	25	2%	0.5	35		50			
Plectritis congesta	Sea Blush	12"	50	1%	0.5	35	2#				
Xeric Bramble											
total planting area			1,000	100%	6.00	60					
Cistus creticus 'Lasithi'	Lasithi Cretan Rockrose	36"	6	50%	3.0	30			30		
Ceanothus prostratus	Mahala Mat	36"	6	50%	3.0	30			30		
Trees											
						12					
Arbutus menziesii	Pacific Madrone					1					1
Quercus myrsinifolia	Chinese Evergreen Oak					1					1
Pseudotsuga menziesii	Douglas Fir					1					1
Rhamnus purshiana	Cascara					3					3
Cornus contraversa	Giant Dogwood					2					2
Pinus ponderosa	Ponderosa Pine					1					1
Quercus suber	Cork Oak					1					1
Lyonothamnus floribundus asplenifolius	Fernleaf Catalina Ironwood					1					1
Fagus sylvatica 'Asplenifolia'	Fernleaf European Beech					1					1
TOTALS							b/s/br	4"	1 gal	3-5 gal	B&B
					TOTAL	6,277	2,575	2,420	1,220	50	12

PLANTING AREAS

- FOREST
- MEADOW
- XERIC

PLANTING INSTRUCTIONS

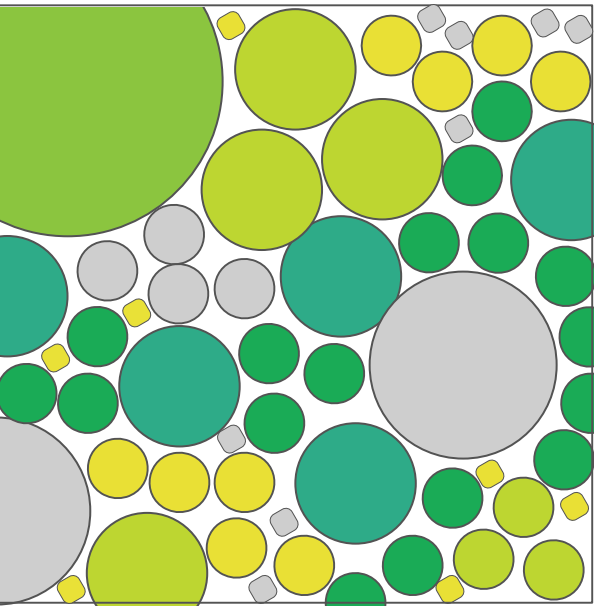
PLANT LAYOUT TO BE DETERMINED ON-SITE BY PP&R HORTICULTURE STAFF.

ARRANGEMENT TO FOLLOW AN ORGANIZED-RANDOM LAYOUT TO ACHIEVE A NATURAL AESTHETIC.

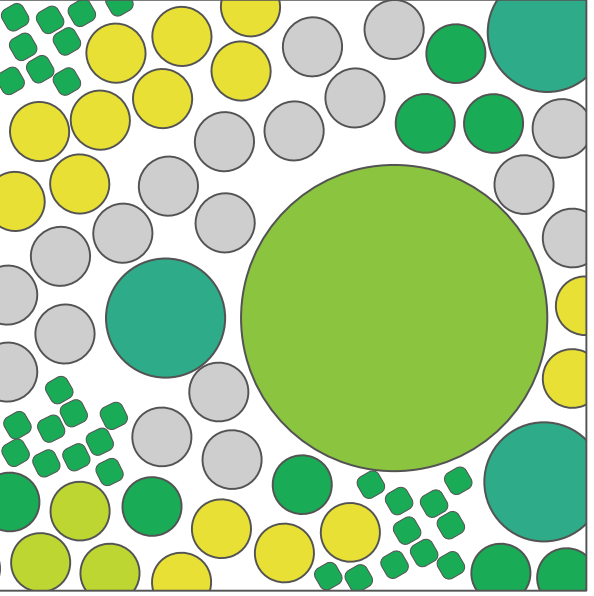
PLANTS TO BE INSTALLED BY PP&R STAFF AND VOLUNTEERS.

REFER TO PLANT SPACING DIAGRAMS.

FOREST



MEADOW



XERIC

