



Common Name	Species Name	Plant Height	Color	Bloom Time	Spacing
Zone 1 - Native Wildflowers					
Columbine	<i>Aquilegia canadensis</i>	1' - 3'	red/yellow	May-June	1'
Common Milkweed	<i>Asclepias syriaca</i>	2' - 4'	lavender	June-Aug	1'
Butterflyweed	<i>Asclepias tuberosa</i>	2' - 3'	orange	June-Aug	1'
Sky Blue Aster	<i>Aster azureus</i>	2' - 3'	blue	Aug-Oct	1'
Smooth Aster	<i>Aster laevis</i>	2' - 4'	blue	Aug-Oct	1'
Frost Aster	<i>Aster pilosus</i>	2' - 4'	white	Aug-Sept	1'
Canada Milk Vetch	<i>Astragalus canadensis</i>	2' - 3'	yellow	July-Aug	1'
Harebell	<i>Campanula rotundifolia</i>	1' - 2'	blue	June-Sept	0.5'
Indian Paintbrush	<i>Castilleja coccinea</i>	1' - 2'	red	May-July	1'
New Jersey Tea	<i>Ceanothus americanus</i>	2' - 3'	white	July-Aug	3'
Lanceleaf Coreopsis	<i>Coreopsis lanceolata</i>	1' - 2'	yellow	May-Aug	1'
Flowering Spurge	<i>Euphorbia corollata</i>	2' - 4'	white	July-Aug	1' - 2'
Wild Geranium	<i>Geranium maculatum</i>	1' - 2'	lavender	May-June	0.5'
Woodland Sunflower	<i>Helianthus strumosus</i>	3' - 5'	yellow	Aug-Oct	1'
Ox Eye Sunflower	<i>Helopsis helianthoides</i>	3' - 6'	yellow	June-Sept	1'
Rough Blazingstar	<i>Liatris aspera</i>	2' - 5'	purple/pink	Aug-Sept	0.5' - 1'
Bergamot	<i>Monarda fistulosa</i>	2' - 5'	lavender	July-Sept	1'
Dotted Mint	<i>Monarda punctata</i>	1' - 2'	lavender	July-Sept	1'
Downy Phlox	<i>Phlox pilosa</i>	1' - 2'	pink	May-June	1'
Great Solomon's Seal	<i>Polygonatum canadicalatum</i>	2' - 4'	cream	May-June	1' - 2'
Yellow Coneflower	<i>Ratibida pinnata</i>	3' - 6'	yellow	July-Sept	1'
Pasture Rose	<i>Rosa carolina</i>	1' - 2'	pink	June-July	1' - 2'
Black Eyed Susan	<i>Rudbeckia hirta</i>	1' - 3'	yellow	June-Sept	1'
Starry Solomon's Plume	<i>Smilacina stellata</i>	1' - 2'	white	May-June	2'
Zgzag Goldenrod	<i>Solidago flexicaulis</i>	2' - 4'	yellow	Aug-Sept	1'
Hairy Goldenrod	<i>Solidago hispida</i>	1' - 3'	yellow	July-Oct	0.5'
Showy Goldenrod	<i>Solidago speciosa</i>	1' - 3'	yellow	Aug-Sept	1'
Hoary Vernal	<i>Verbena stricta</i>	2' - 4'	blue	July-Sept	1'
Labrador Violet	<i>Viola labradorica</i>	0.5'	lavender	June-Aug	0.5'
Zone 2 - Short Flowering Shrubs					
Shrubby Cinquefoil	<i>Potentilla fruticosa</i>	3' - 4'	yellow	June-Sept	2'
Zone 3 - Shrubs					
Old-Field Juniper	<i>Juniperus communis var. depressa</i>	3' - 6'	yellow	N/A	2' - 4'
Ninebark	<i>Physocarpus opulifolius</i>	3' - 10'	white/pink	May-June	4' - 6'
Zone 4 - Dune Grass					
Marram Grass	<i>Ammophila brevigulata</i>	1' - 3'	yellow	N/A	0.5' - 1'
Zone 5 - Other Grasses					
Big Bluestem	<i>Andropogon gerardi</i>	5' - 8'	bronze/red	Aug-Oct	1' - 2'
Prairie Sand-reed	<i>Calamagrostis longifolia</i>	2' - 6'	yellow	July-Aug	1'
Canada Wild Rye	<i>Elymus canadensis</i>	4' - 5'	straw	July-Aug	1'
Junegrass	<i>Koeleria macrantha</i>	2' - 3'	gold	May-June	1'
Little Bluestem	<i>Schizachyrium scoparium</i>	1' - 3'	crimson-red	Aug-Oct	1'
Indiangrass	<i>Sorghastrum nutans</i>	5' - 7'	gold	Aug-Sept	1' - 2'

NOTES

- TOPSOIL - ALL TOPSOIL SHALL MEET THE BIOFILTER SOIL MIX SPECIFICATIONS OUTLINED ON SHEET 1 (GRADING PLAN). A MINIMUM OF 6 INCHES OF TOPSOIL SHOULD COVER ALL PLANTING AREAS, EXCEPT BEACH NOURISHMENT AREAS.
- MULCHING - WOOD CHIP OR BARK MULCH SHALL BE PLACED OVER ZONES 1, 2, AND 3 TO A DEPTH OF 2" TO 4" IMMEDIATELY AFTER PLANTING. THIS MULCH SHALL BE PERMANENTLY MAINTAINED IN ZONE 1.
- A FIBER BLANKET SHALL BE PLACED OVER ZONES 4 AND 5 AFTER FINAL GRADING IS COMPLETED. THE FIBER BLANKET SHALL BE A NORTH AMERICAN GREEN FIBER BLANKET EQUIVALENT. LANDSCAPE CONTRACTOR SHALL FOLLOW MANUFACTURER'S INSTRUCTIONS FOR THE INSTALLATION AND STAKING OF ALL FIBER BLANKETS. ALL FIBER BLANKETS AND STAKES SHALL BE BIODEGRADABLE PER PROJECT SPECIFICATIONS.
- ZONE 1 PLANTING - WILDFLOWERS PLANTED IN ZONE 1 SHOULD BE A MIXTURE OF SPECIES CHOSEN FROM THE LIST OF APPROPRIATE SPECIES PROVIDED ON THE PLAN.
- ZONE 2 & 3 PLANTING - ALL SHRUBS SHALL BE PLANTED ACCORDING TO AMERICAN NURSERYMAN'S STANDARDS. WHEN PLANTING IN AREAS WITH A FIBER BLANKET, AN "X" PATTERN SHALL BE CUT IN THE BLANKET AND REPLACED UNDER THE SHRUB.
- ZONE 4 PLANTING - LANDSCAPE CONTRACTOR SHALL FOLLOW SUPPLIER'S RECOMMENDATIONS FOR PLANTING THE DUNE GRASS. MARRAM GRASS SHALL BE PLANTED AS LIVE PLANTS OR BARE ROOT STOCK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF THE FIBER BLANKET DURING THE PLANTING PROCESS. GRASS SPECIES FROM ZONE 5 MAY BE PLANTED IN ZONE 4 IN ADDITION TO MARRAM GRASS IF DESIRED.
- ZONE 5 PLANTING - GRASSES PLANTED IN ZONE 5 SHOULD BE ONE OR MORE SPECIES CHOSEN FROM THE LIST OF APPROPRIATE SPECIES PROVIDED. THE GRASSES SHALL BE PLANTED AS LIVE PLANTS OR BARE ROOT STOCK.
- TIMING OF PLANTING - THE PLANTING OF ALL SHRUBS SHALL BE COMPLETED PRIOR TO THE PLANTING OF ZONES 4 AND 5. PLANTING SCHEDULES MUST BE COORDINATED WITH THE SUPPLIERS OF VARIOUS PLANT MATERIALS.
- FENCING - PLASTIC TYPE TEMPORARY FENCING SHALL BE PLACED ALONG MARGINS OF ALL CORD WALKS, CRUSHED LIMESTONE PATHS, ZONE 4, AND ZONE 5 AREAS AFTER PLANTING.
- WARRANTY AND MAINTENANCE - ALL SHRUBS, WILDFLOWERS AND GRASSES SHALL BE WATERED AND MAINTAINED DURING THE 12 MONTH WARRANTY PERIOD. MULCH AND FIBER BLANKET STAKING SHALL ALSO BE MAINTAINED AS DESIGNATED DURING THE 12 MONTH WARRANTY PERIOD. TEMPORARY FENCING MUST BE MAINTAINED FOR TWO GROWING SEASONS AFTER PLANTING. SEE MAINTENANCE PLAN FOR SPECIFICATIONS.
- PLANT HEIGHT CONSIDERATIONS - PLANTS ARE EXPECTED TO GROW TO HEIGHTS AT THE LOWER END OF THE RANGES PROVIDED ON THE PLANS, DUE TO THE HARSHNESS OF THE LOCAL ENVIRONMENT. THE HEIGHT OF GRASSES GIVEN MAY INCLUDE THE SEED HEADS, WHICH MAY BE TALLER THAN THE FOLIAGE. ALL SHRUB SPECIES MAY BE PRUNED TO CONTROL HEIGHT IN THE FUTURE.

LANDSCAPING PLAN

NO.	DATE	DESCRIPTION	BY
3	4-23-08	UPDATED PER SWCD COMMENTS	SMW
2	3-5-2008	ADD BENCHMARKS & EDIT LANDSCAPE NOTES	SCJ
1	1-7-2008	SUBMITTAL FOR REVIEW	SCJ

TOWN OF LIBERTY GROVE
BEACH STORM WATER MANAGEMENT
ELLISON BAY BEACH
11953 STATE HWY 42, ELLISON BAY, WI

SCALE: 1"=20'
JOB: 17326-G-ELLISON
DATE: 12-19-07
BY: SCJ
CHK: PGP

SHEET 3 OF 3

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