

Planting Materials Plan

Scale: 1" = 100'

MATERIAL SCHEDULE: PLANTING

material	location	qty	size	notes
P1 FED OAK TREE <i>Quercus rubra</i>	Parking lots and roadways	138	3" BB	planted 20" O.C. in straight lines. Dip irrigation system.
P2 Prairie Grass Mix with Wildflowers	All non-hardscaped areas outside of main visitor areas and east garden area. See plan for specific areas.	291,427 sq.ft. (7.2 acres)	seed mix	Irrigated - (commercial broadcast) Grass Seed Mix Little Bluestem - 10 lbs./acre - hydroseed Side Oats Grama - 10 lbs./acre - hydroseed Prairie Drosgood - 01 lbs./acre - hydroseed June Grass - 03 lbs./acre - hydroseed Native Red Fescue - 10 lbs./acre - hydroseed Perennial Ryegrass - 10 lbs./acre - hydroseed Oats - 10 lbs./acre - hydroseed Wildflower Seed Mix (exact qty. to TBD)
P3 Wildflower plugs in Seed mix	All non-hardscaped areas around visitor center and eastern garden area. See plan for specific areas.	119,889 sq.ft. (2.75 acres)	Plugs	Above Grass Seed Mix - with Wildflowers plugs 24" o.c. (Wildflowers from list above). Dip irrigation system.
P4 Reinforced Turf	Overflow parking lot adjacent to building #30.	24,836 sq ft (.55 acres)		Reinforced turf (grass line, sand, turf). Nation Advanced Turf mesh. See narrative for details. Irrigated - (commercial broadcast)

Planting Notes

- All plant material shall be warranted by the contractor for a period of two years after owner's written acceptance. any acts of vandalism or damage which may occur prior to the owner's written acceptance shall be the responsibility of the contractor.
- Landscape architect must approve the decompacted subgrade after decompaction work is complete and prior to topsoil placement.
- Provide 4 inches of topsoil for all turf areas and 6 inches of topsoil for all seeded areas. Provide a minimum of 9 inches of planting soil mix consisting of 1/3 topsoil, 1/3 sand, and 1/3 compost in all shrub and perennial beds. Where shrubs or perennials are grouped, create one continuous planting bed. Landscape architect to approve topsoil prior to spreading. Contractor must submit testing results and fertilizer recommendations.
- All edged shrub planting beds to receive 3 inch depth of double-shredded hardwood mulch. Landscape architect to approve mulch prior to installation.
- All planting beds not contained by structures, curbs, or paving must be edged with steel edging.
- Where sod abuts paved surfaces, finished grade of sod must be held 1 inch below the surface elevation of the paved surface.
- Sod shall be laid parallel to the contours and shall have staggered joints.
- All proposed plants shall be staked as shown on the drawings and/or as directed in the field by the landscape architect. The landscape architect must approve all staking locations of plant material prior to any digging. Landscape architect shall be notified at least 48 hours in advance of the delivery date for all plant material.
- Adjustment in location of proposed plant material may be needed in the field. Should an adjustment be advised, the landscape architect must be notified.
- All plant material shall be clearly identified (common or latin nomenclature) with a plastic tag which shall not be removed prior to the landscape architect's approval.

Seeding Notes

- All seeded areas shall be warranted by the contractor for a period of two years after owner acceptance. Any acts of vandalism or damage which may occur prior to the owner's written acceptance shall be the responsibility of the contractor.
- Seed all disturbed areas not specifically designated as structure, hard surface.
- The seeding contractor must notify the landscape architect of the proposed seeding start date a minimum of one week prior to seeding.
- Method of seeding and seeding rate shall be as listed on seeding key.

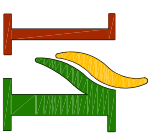
Irrigation Notes

- All plantings within property limits unless otherwise noted.
- Proposed irrigation layouts and materials lists must be submitted with bids. acceptable product manufacturers include Rainbird, Toro, and Vitrain. The irrigation controller shall be sized to accommodate all proposed zones, including any areas indicated as future irrigation, and shall be fully automatic with a volatile memory chip.
- Irrigation contractor must verify the location of all irrigation sleeves. If additional sleeving is required, irrigation contractor shall notify the general contractor and the landscape architect. Only trenchless methods will be approved after paving is completed.
- The irrigation contractor is responsible for providing a complete irrigation system from the point of connection at the cold water stub out line(s) from the building. The stub out(s) from the building, the backflow preventer, and other code required plumbing elements must be provided by a licensed mechanical contractor.
- The irrigation contractor must install the irrigation control panel in the location indicated on the mechanical drawings or as approved by the owner.
- The irrigation contractor must provide operations and maintenance manuals and on-site instruction to the owner in the system operation. The irrigation contractor is responsible for initial system startup, winterization for the first winter, and startup the following spring.

H&A Hammel Green and Abrahamson, Inc.
700 Waterbury Avenue South
Minneapolis, Minnesota 55401
612.733.4000

cohen+partners minneapolis new york

400 First Ave North Suite 210
Minneapolis, MN 55412, 339, 5907
t 612.341.5070 f 612.339.5907



MINNESOTA
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FORT SNELLING NEW VISITOR CENTER
200 Tower Avenue
Saint Paul, Minnesota 54111

I HEREBY CERTIFY THAT THE DESIGNATION OF SUPERVISOR AND THE DESIGNATION OF UNDER THE STATE OF MINNESOTA FOR THE PROJECT OF THE STATE OF MINNESOTA REVISION NUMBER:

REVISION HISTORY - THIS SHEET

SD PRICING

COMM. NO.	1362-010-00
SCALE	1" = 100'
DATE	21 SEPTEMBER 2007
DRAWN	

**PLANTING
MATERIALS PLAN**

L102