



skydeck
— **usa** —

GREEN INFRASTRUCTURE SERVICES:

SKYDECK USA and its members have been providing green infrastructure materials and solutions for the past 8 years. SkyDeck specializes in creating sustainable rooftop environments that provide benefits to all users and the surrounding landscape.

Project Personnel:

Cori Eagan
President
616. 308. 6309

Jeremy Monsma
Vice President
616. 450. 0350

GREEN ROOFS

Green Roofs provide many environmental benefits and transform an unused space into a functional and aesthetically pleasing ecosystem.

PAVERS

Rooftop terraces allow users to access and utilize the rooftop space. Hardscape terraces are typically installed in conjunction with green roofs to create usable green space.

PEDESTALS

Pedestals provide support and leveling capabilities for all of our rooftop material (pavers, planters, green roofs...).

GREEN WALLS

Green Walls transform architecture into a living and functional environment with many benefits to its users and the surrounding landscape.

PLANTERS

Planters provide a unique opportunity to transform a space with deeper soil media, wider variety of vegetation, and artistic styles.

- DESIGN



- MATERIALS

- LOGISTICS



- PROJECT MANAGEMENT

- INSTALLATION



- MAINTENANCE



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DESIGN PROFILE: SKYDECK DESIGN EXAMPLES

DESIGN:

SKYDECK PROVIDES PROFESSIONAL DESIGN SERVICES AND CONSULTATION FOR ALL THEIR GREEN ROOF AND GREEN WALL PROJECTS. THIS CAN RANGE FROM CONCEPTUAL DESIGN ALL THE WAY TO CONSTRUCTION DOCUMENTS. ALL GREEN ROOF AND GREEN WALL PROJECTS PRESENT A UNIQUE SCOPE OF WORK AND REQUIRE PROFESSIONAL DESIGNERS TO ANALYZE THE BEST APPROACH AND MATERIALS NEEDED FOR THE SPECIFIC PROJECT. SKYDECK HAS BEEN INVOLVED IN MANY PROJECTS THROUGHOUT THE COUNTRY WITH OUR EXPERTISE BEING RELIED UPON FROM THE INTIAL DESIGN TO THE FINAL INSTALLATION OF THE PROJECT.

GREEN ROOF DESIGN:



SOIL DEPTH
DIFFERENCES IN SOIL DEPTH CAN POSITIVELY INFLUENCE SOIL DWELLING ORGANISM. INCREASED SOIL DEPTH ALSO ALLOWS FOR GREATER PLANT DIVERSITY. THE VARYING SOIL DEPTHS FROM 4" TO 6" WILL ADD TO THESE BENEFITS.

HABITAT STRUCTURES
HABITAT STRUCTURES SUCH AS BIRD HOUSES, STEM BUNDLES, ROCK PILES, BEE BOXES, NEST PIPES... ALL ADD AN EXTRA ELEMENT TO ATTRACT WILDLIFE AND INCREASE BIODIVERSITY ON A ROOF. A NUMBER OF THESE ELEMENTS CAN BE INCORPORATED INTO THE DESIGN.

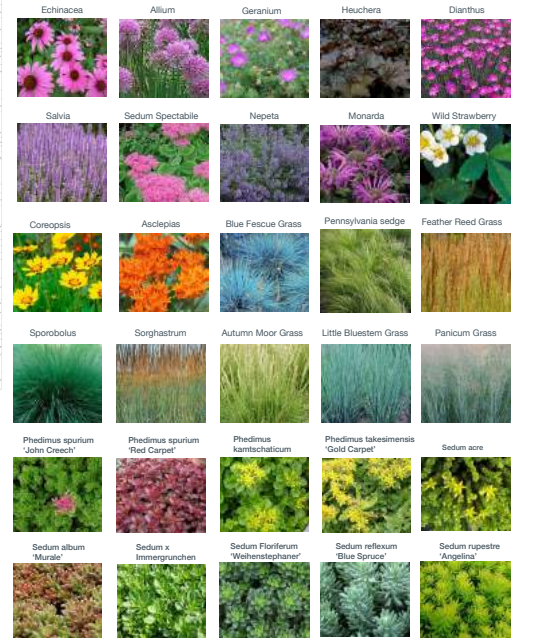
NATIVE PLANTS
NATIVE PLANTS PLAY A LARGE ROLE IN ATTRACTING NATIVE WILDLIFE TO A GREEN ROOF. NATIVES CAN ALSO BE VERY DROUGHT TOLERANT ON TERRACE ON A GREEN ROOF ENVIRONMENT. NATIVE VEGETATION ARE INCORPORATED INTO THE DESIGN WHENEVER FEASIBLE.

PLANT DIVERSITY
THE GREATER DIVERSITY OF PLANTS THE GREATER DIVERSITY OF WILDLIFE WILL BE ATTRACTED AND OVERALL BIODIVERSITY. A LARGE DIVERSITY OF FORBS, GRASSES, AND SEDUMS WILL BE INCORPORATED INTO THE FINAL DESIGN.

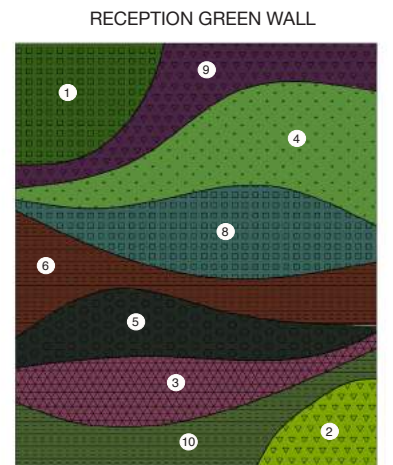
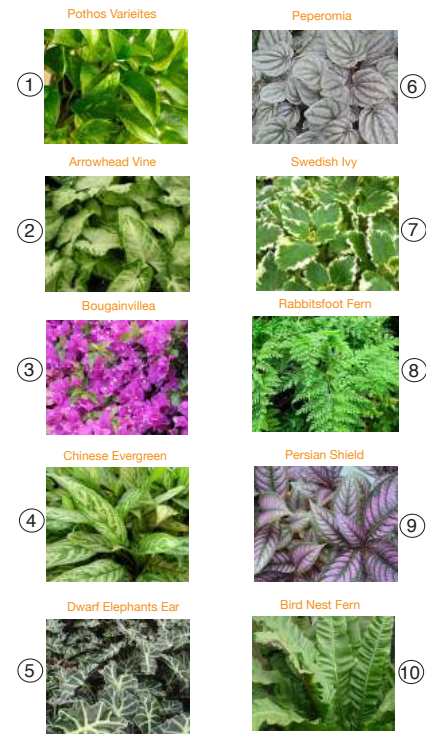
PLANT STRUCTURE
VARYING THE HEIGHT STRUCTURES OF VEGETATION CAN BE AN IMPORTANT HABITAT REQUIREMENT FOR CERTAIN WILDLIFE. A VARIETY OF LOW GROWING AND TALL VEGETATION ARE INCLUDED IN THE DESIGN.

FORB / GRASS / SEDUM SELECTIONS

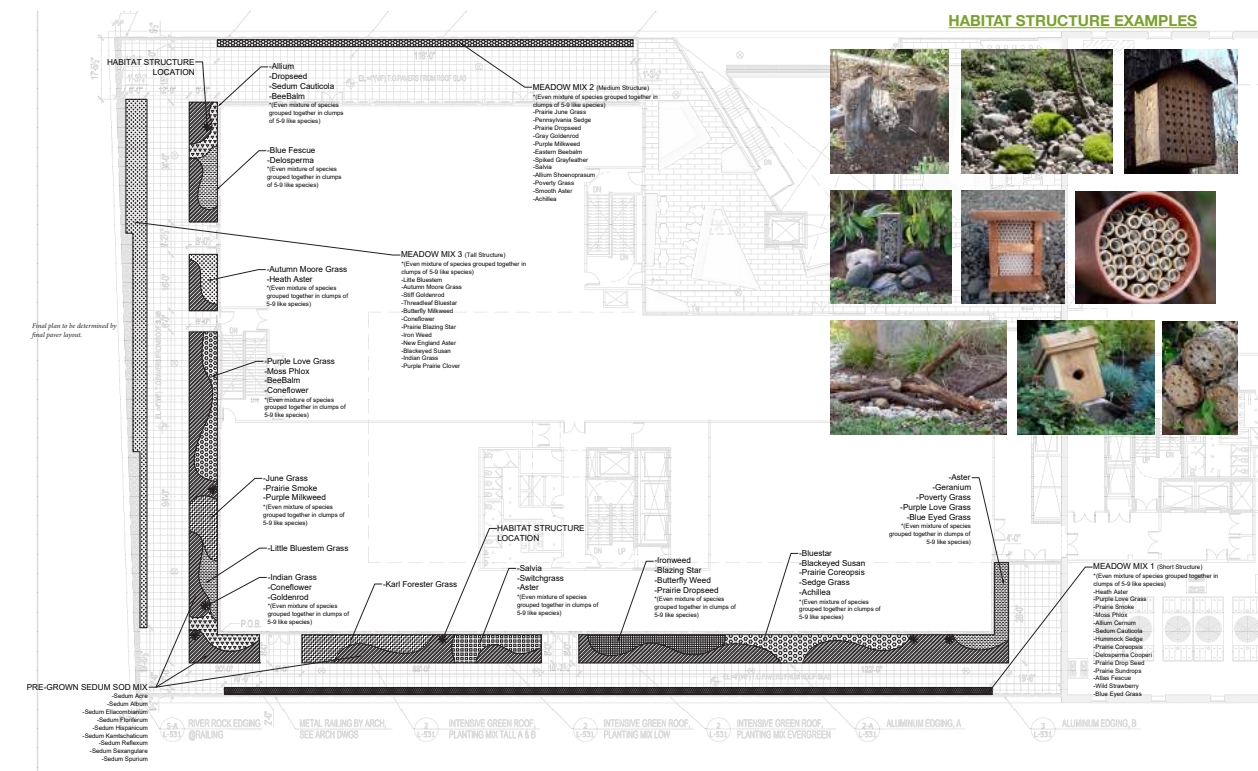
A LARGE VARIETY OF FORBS, GRASSES, AND SEDUM SPECIES WOULD BE CAREFULLY SELECTED TO PROVIDE VEGETATION BEST SUITABLE TO INCREASE BIODIVERSITY AND BE AESTHETICALLY PLEASING.



GREEN WALL DESIGN:



GREEN ROOF DESIGN:



HABITAT STRUCTURE EXAMPLES





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PROJECT PROFILE: EMPIRE STORES BROOKLYN, NY

LOCATION:

55 Water Street Brooklyn, New York

DESIGN:

Green Roof and Patio manufactured and installed by SkyDeck USA. Native Plant Selection and Design to maximize environmental benefits and stormwater management.

MATERIALS:

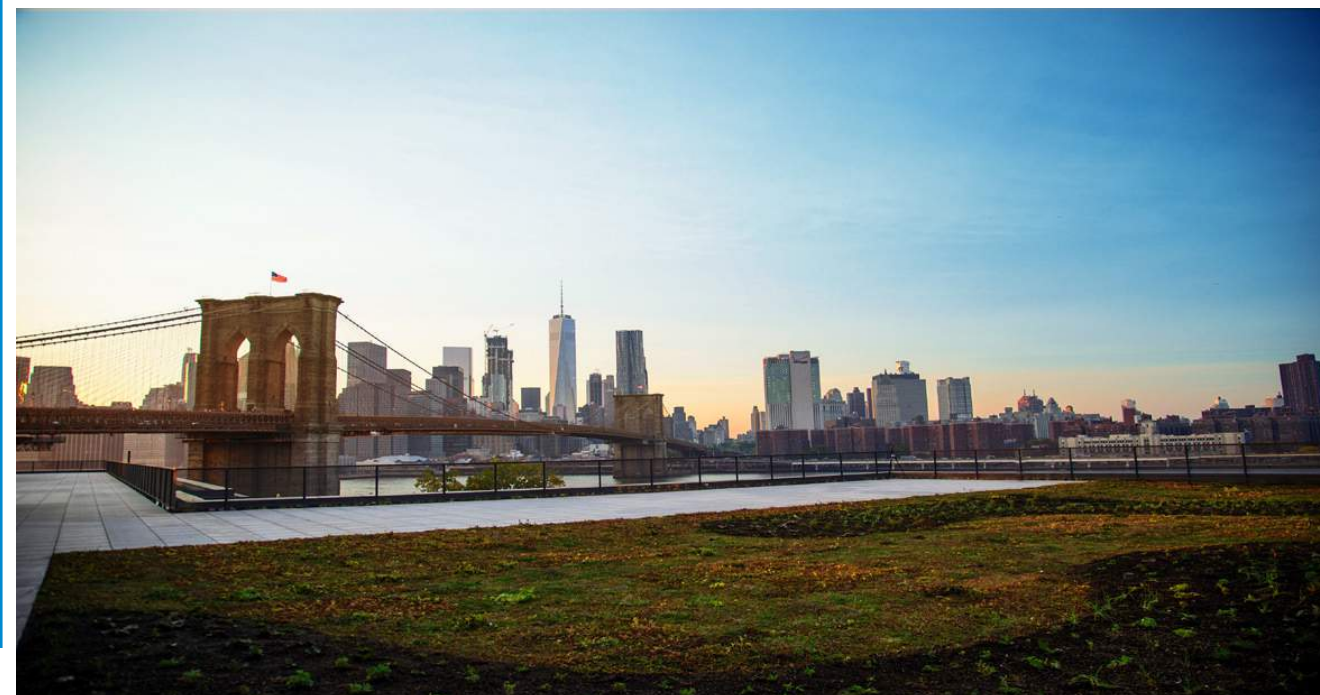
- 40,000 SF of Green Roof (drainage layer, subsurface irrigation, engineered media, vegetation)
- 40,000 SF of SkyTerrace Pavers (Standard & Custom Aggregate)
- SkyJack Adjustable Pedestals
- 7 Custom Steel Planters with Wood Benches designed, built and installed by skydeck usa
- 126 custom pre-cast stairs

INSTALLATION

Design Consultation, Installation, and Project Management by SkyDeck USA

REFERENCES

Jeremy Frenkel
HK Organization LLC
141 Fifth Avenue New York, NY
212.726.0737
Project Relation: Owner





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PROJECT PROFILE: DUCHARME PLACE DETROIT, MI

LOCATION:

1544 East Lafayette Ave. Detroit, MI

DESIGN:

Green Roof and Pavers consulting by SkyDeck USA. Mixture of Pre-Grown Sedum, Turf Grass, and Native grass species.

MATERIALS:

- 15,000 SF of Green Roof (drainage layer, engineered media, vegetation)
- Sub-surface Irrigation
- 10,000 SF of Pavers
- Adjustable Pedestals

INSTALLATION

Project Management and materials by SkyDeck USA.
Installation by preferred contractor Weathershield Roofing Systems (In Progress).

REFERENCES

Shannon Mohr
Zaremba and Company
248.922.3300
Project Relation: Landscape Architect



PROJECT PROFILE: OTHER PROJECTS

1000 S. CLARK - Chicago, IL



U of M MEDICAL CENTER - ANN ARBOR, MI



CHRISTIAN REFORMED CHURCH - GRAND RAPIDS, MI

WATKINS TENNIS CENTER - PHILADELPHIA, PA



ROCKFORD CONSTRUCTION - Grand Rapids, MI

QUEEN LANE APARTMENTS - Philadelphia, PA

3900 N LAKE SHORE DR - Chicago, IL



NEWHOUSE - Grand Rapids, MI

WEST MICHIGAN SYMPHONY - Muskegon MI

MORTON CONDOS - Grand Rapids, MI