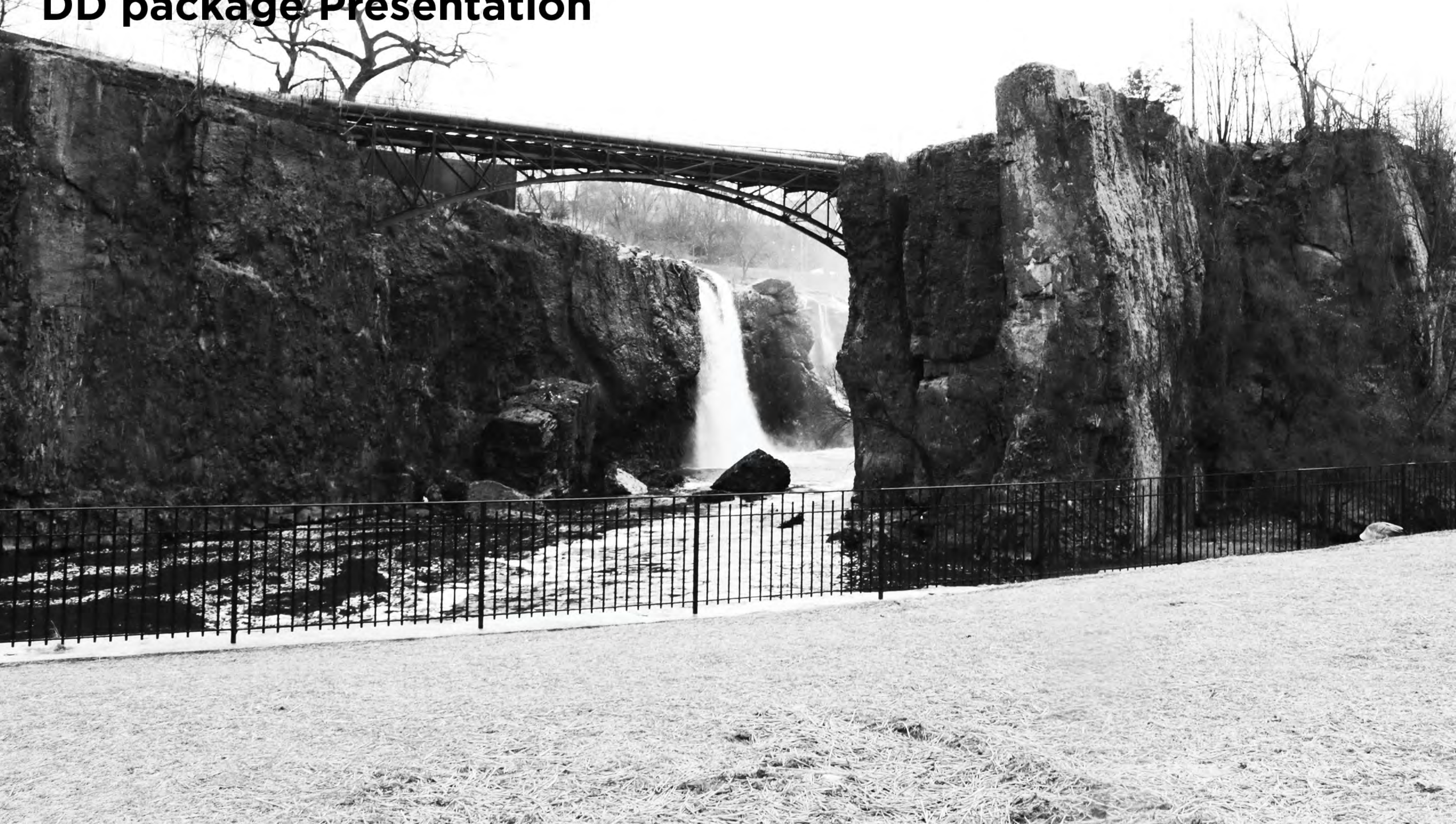


QUARRY LAWN AND RIVER WALK

DD package Presentation





Plan

- ① Asphalt pavement - vehicular
- ② Concrete pavement - vehicular
- ③ Addastone pavement
- ④ Stone band
- ⑤ Porous grass paver
- ⑥ Concrete seat wall with wood bench
- ⑦ Concrete seat step with wood bench
- ⑧ Concrete steps
- ⑨ Naturalized rain garden
- ⑩ Bio-swale
- ⑪ Rain garden
- ⑫ Feature wall with wood bench
- ⑬ Table and benches
- ⑭ Trash/ recycling receptacle
- ⑮ Stacked boulders
- ⑯ Concrete sign wall
- ⑰ Existing wall
- ⑱ Steel guard
- ⑲ Chain link fence



Primary Circulation



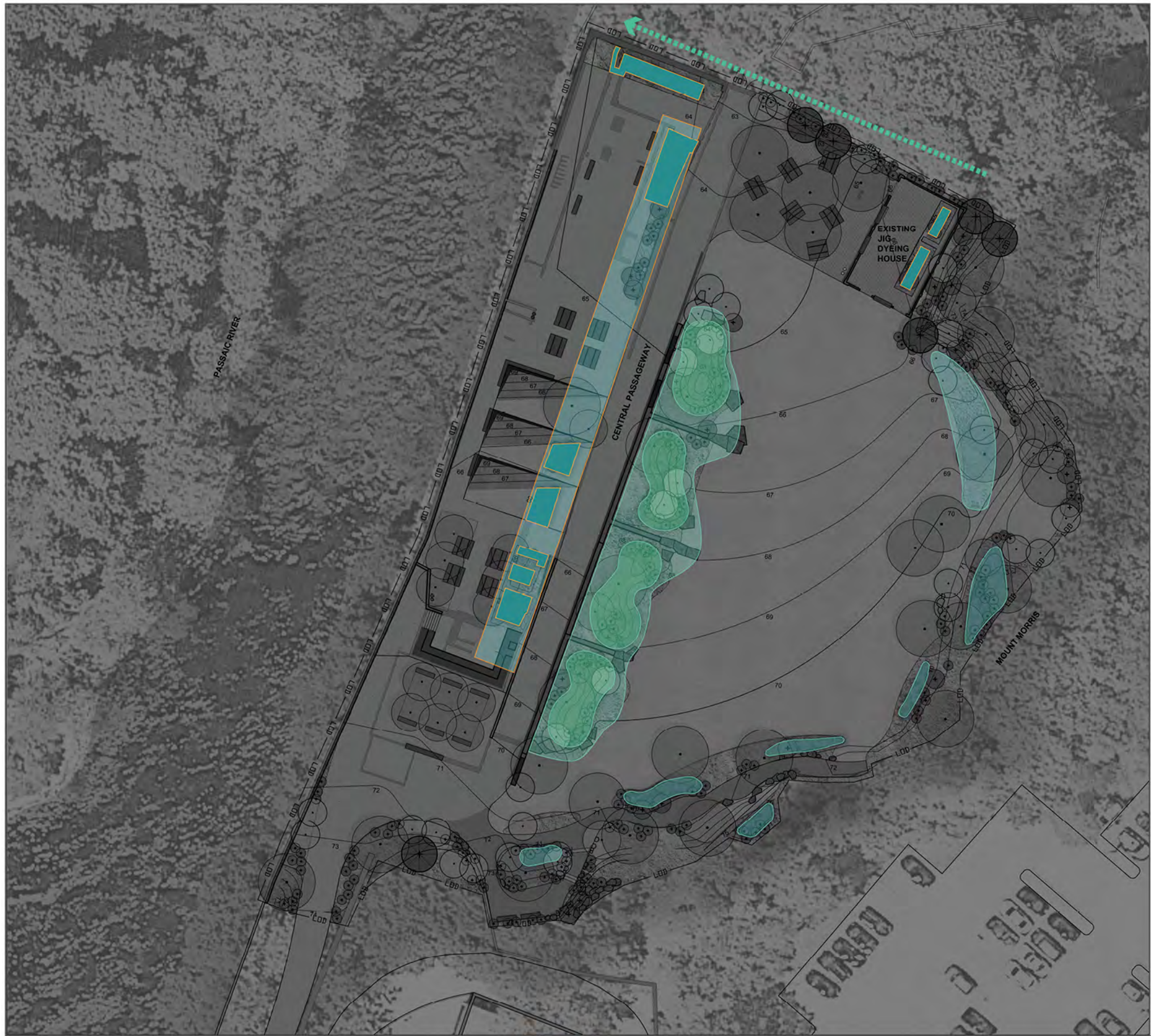
Secondary Circulation

-  Major Circulation
-  Secondary Circulation
-  Open Circulation



Gathering Spaces

-  Building Spaces
-  Lawn Spaces
-  Quarry Wall Spaces



Water Management

-  Building Related Stormwater System
-  Rain Gardens
-  Quarry Wall Catchment Chain

Site Section



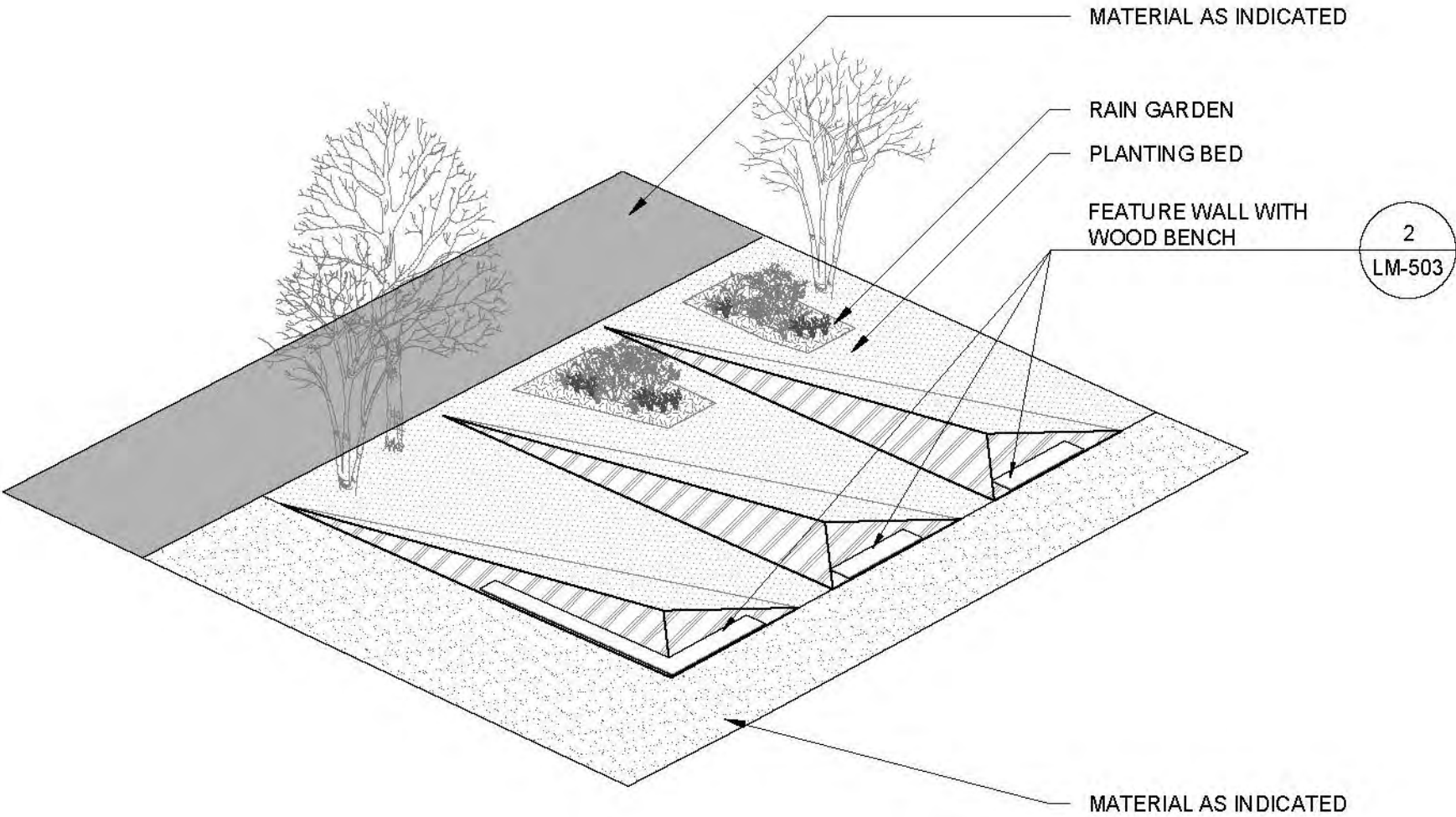
Rain Gardens



Rain Garden Stone Wall



Feature Wall with Wood Bench



Reference Image:
Incyte roof garden - AA Project



HUNTER RESEARCH



TILLET
LIGHTING DESIGN
ASSOCIATES

Material



RECYCLED BOULDER



POUROUS TURF PVMT



ADDASTONE PVMT



EXPOSED AGGREGATE CONCRETE PVMT



ASPHALT PVMT



WEATHERING STEEL WALLS/EDGES



CONCRETE SEAT WALL WITH WOOD BENCH



STONE BAND

EXPOSED AGGREGATE CIP CONCRETE

Site Furnishings

Table and benches: “Tramet” by Escofet

Trash and recycle receptacles : “Morella bin” by Escofet

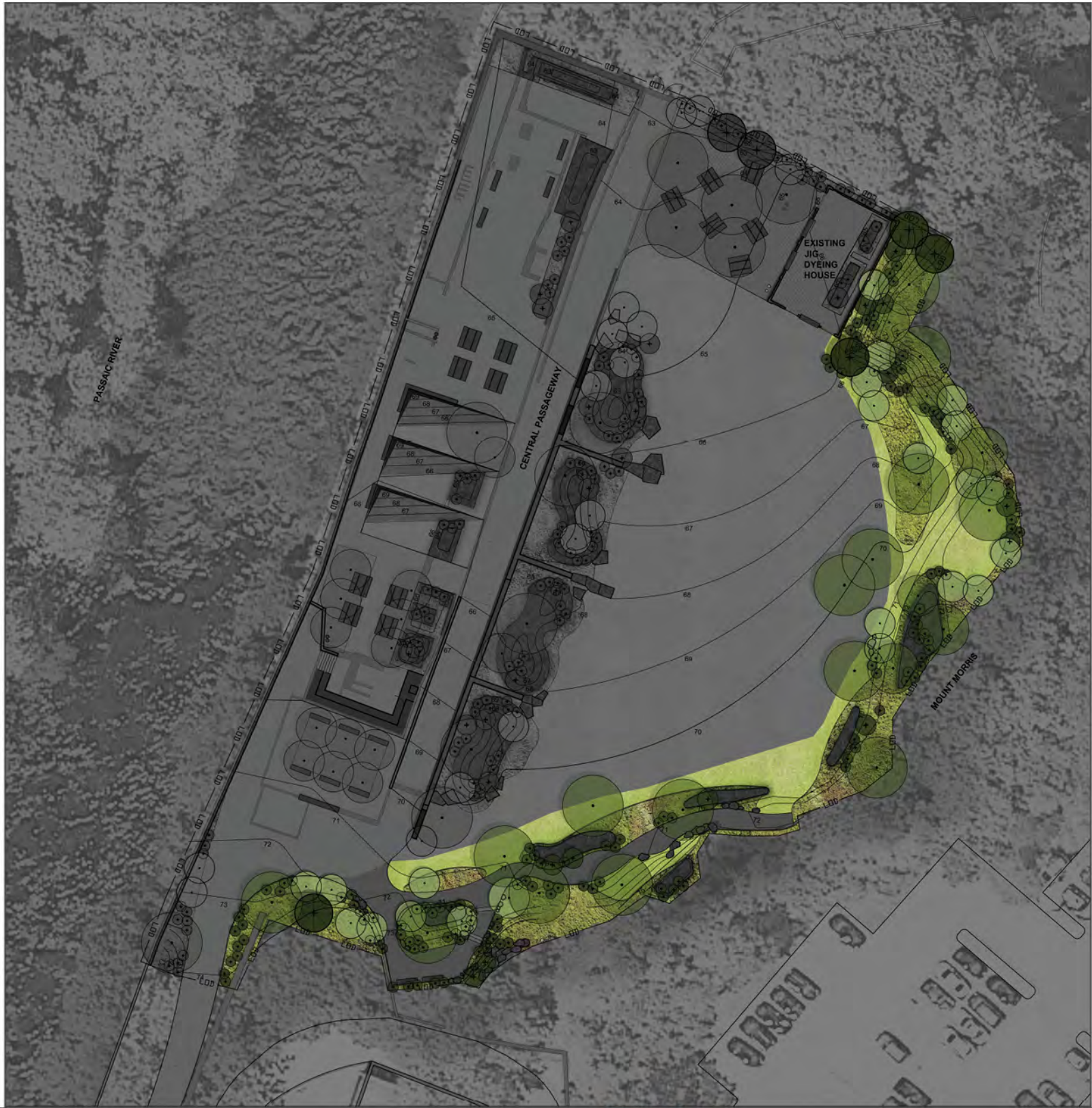




Planting

-  Canopy tree
-  Understory tree
-  Evergreen tree
-  Shrubs
-  Turf (SOD)
-  Herbaceous plants
-  Rain garden

Quarry grove / Restoration



Quarry grove / Restoration



Floodplain / Stormwater management



Floodplain / Stormwater management



Common zone / Social space



Common zone / Social space



PLANT SCHEDULE

Canopy Trees

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
AR		Acer rubrum	Red Maple	16'-18' ht.	B&B	Multi-stem
BN		Betula nigra	River birch	16'-18' ht.	B&B	Multi-stem
CO		Celtis occidentalis	Common hackberry	1"- 2" cal.	B&B	
LT		Liriodendron tulipifera	Tulip Tree	4"- 4 1/2" cal.	B&B	
NS		Nyssa sylvatica	Black tupelo	4"- 4 1/2" cal.	B&B	
QA		Quercus alba	White oak	4"- 4 1/2" cal.	B&B	Specimen
QB		Quercus bicolor	swamp white oak	4"- 4 1/2" cal.	B&B	
QC		Quercus coccinea	Scarlet oak	4"- 4 1/2" cal.	B&B	
PO		Platanus occidentalis	Sycamore	4"- 4 1/2" cal.	B&B	Specimen
PG		Populus grandidentata	Bigtooth aspen	1"- 2" cal.	B&B	

Evergreen

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
JV		Juniperus virginiana	EasternRed Cedar	12'-14' ht.	B&B	
PV		Pinus virginiana	Virginia pine	12'-14' ht.	B&B	

Understory Trees

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
AC		Amelanchier canadensis	Serviceberry	12'-14' ht.	B&B	Multi-stem, Specimen
CC		Cercis candensis	Redbud	12'-14' ht.	B&B	Specimen
HV		Hamamelis virginiana	Common witch hazel	12'-14' ht.	B&B	
RG		Oxydendrum arboreum	Sourwood	12'-14' ht.	B&B	

Shrubs

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
Co		Cephalanthus occidentalis	Buttonbush	24"-36" ht.	B&B/Cont.	
Cr		Cornus racemosa	Gray Dogwood	24"-36" ht.	B&B/Cont.	
Fg		Fothergilla gardenii	Dwarf fothergilla	24"-36" ht.	B&B/Cont.	
Iv		Ilex verticillata	Common winterberry	24"-36" ht.	B&B/Cont.	
Lb		Lindera benzoin	Spicebush	24"-36" ht.	B&B/Cont.	
Vp		Viburnum prunifolium	Blackhaw	24"-36" ht.	B&B/Cont.	
Ca		Clethra alnifolia	Sweet Pepperbush	24"-36" ht.	B&B/Cont.	

HERBACEOUS PERENNIALS

Live Plants

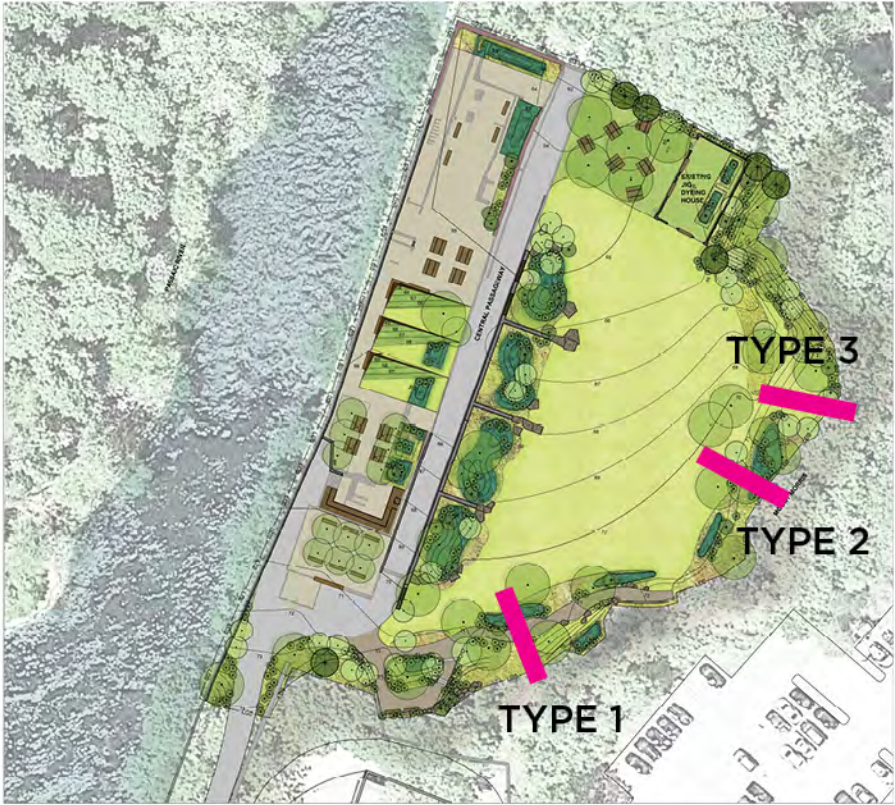
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING
ah		Amsonia hubrichtii	Threadleaf Bluestar	Qt.	Cont.	10" O.C.
at		Aster spectabilis	Showy aster	Qt.	Cont.	10" O.C.
bc		Bouteloua curtipendula	Sideoats grass	Qt.	Cont.	10" O.C.
cp		Carex pensylvanica	Pennsylvania Sedge	Qt.	Cont.	10" O.C.
eh		Eupatorium hyssopifolium	Hyssop leaved boneset	Qt.	Cont.	10" O.C.
jt		Juncus tenuis	Poverty rush	Qt.	Cont.	10" O.C.
ls		Lobelia siphilitica	Great blue lobelia	Qt.	Cont.	10" O.C.
os		Onoclea sensibilis	Sensitive Fern	Qt.	Cont.	10" O.C.
ss		Schizachyrium scoparium	Little Bluestem	Qt.	Cont.	10" O.C.
so		Solidago odora	Sweet goldenrod	Qt.	Cont.	10" O.C.

Seeding

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING
Turf		Festuca Spp.	No-Mow Mix	N/A	Seed	15 lb/ac



Quarry wall



TYPE 1: PATH AND GATHERING



TYPE 2: POLLINATOR MEADOW



TYPE 3: LAWN AND BOULDERS