MASJID AN'NUR EXPANSION DESIGN

SHEETS

L1 DEMO PLAN 1":30'
L2 OVERALL SITE PLAN 1":30'
L3 PLAZA SITE PLAN 1":10'
L4 PLAZA SECTIONS
L5 PLAZA GRADING PLAN 1":10'
L6 SITE PLAN AREA B 1":10'
L7 SITE PLAN AREA C 1":10'
L8 HARDSCAPE DETAILS
L9 HARDSCAPE DETAILS
L10 PAVERS & PLANTING DETAILS
NOTES

Remove existing tree

Existing tree to remain, protect roots from damage during construction

Remove and dispose of existing fence

Remove existing asphalt including subgrade to native soils

Remove aggregate base in locations where new planting beds are proposed.

Protect existing concrete apron at entrance, existing concrete sidewalk, and any existing concrete to remain.

Contractor is responsible for the location, marking and protection of all site utilities and services whether public or private.

Damaged utilities will be repaired immediately at contractor’s expense.

Remove and dispose of existing fence

Remove aggregate base in locations where new planting beds are proposed.

Protect existing concrete apron at entrance, existing concrete sidewalk, and any existing concrete to remain.

Contractor is responsible for the location, marking and protection of all site utilities and services whether public or private.

Damaged utilities will be repaired immediately at contractor’s expense.
NOTES
1. Raingarden: Depth as shown on plan, construct per Details.
2. 6/12 Curb & Gutter, See Details.
3. Concrete Swale, See Detail.
4. Extend downspout at minimum of 2% slope to raingarden.
5. Trench Drain, See Detail.
6. Rock Infiltration Column, 18" dia. x 6' depth, 2" to 1" clear crushed aggregate.
7. 4"-8" fieldstone boulders, to dissipate runoff. Boulders to be half-buried in soil.
8. Ornamental steel fence or black chain link fence (materials to be determined by owner).
9. Wood privacy fence (materials to be determined by owner).
10. New native planting area.

NOTES CONT
1. New block retaining wall. See Detail. (materials to be determined by owner).
2. New brick path & plaza area. See Details for paver patterns. (materials to be determined by owner).

LEGEND
- BUILDING
- EXISTING BUILDING
- CONCRETE PATHS
- PROPOSED BUILDING
- GREEN SPACE
- PROPERTY LINE
- PAVERS
- AREA CALLOUTS
- RAINGARDEN EDGE
- SECTION CUT LINES
- RAINGARDEN BASIN
- WATER FLOW
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota.

Signature

Name

License #

47742

Richard Harrison

L4

Metro Blooms

www.metroblooms.org

651-699-2426

PLAZA TO BUILDING - SECTION NORTH TO SOUTH - AREA A

SCALE 1" = 10'

RAINGARDEN TO BUILDING - SECTION NORTH TO SOUTH - AREA A

SCALE 1" = 10'

EAST TO WEST SECTION - AREA A

SCALE 1" = 10'
NOTES

If rainfall causes fines to clog the native soil surface at bottom of the of the raingarden during excavation, hand rake the surface to a depth of 3" to restore infiltration capacity.

All new to meet all standards and specifications set by the City of Minneapolis. All concrete work is to meet the qualifications set forth in MN/DOT specification 2521.

Call the facility designer, Rich Harrison, at 763-443-5802 24 hours in advance of constructing this facility so construction observation may be performed to identify variations in the field that may affect design and verify proper construction.

Provide erosion control protection at stormwater catch basin inlets adjacent to site.

Keep all large equipment out of raingarden basins. No large equipment or vehicles shall be driven in areas where raingardens are to be installed.

Contractor responsible to obtain necessary excavation and erosion control permits from the City of Minneapolis.

Call before you dig! Contractor is responsible for calling Gopher One Call at 811 or visit www.gopherstateonecall.org for more information, and to have utilities marked prior to beginning construction.

Engineered soil for landscaped areas to be homogenous mixture of 20% organic compost/80% sand.

Parking lot striping to be 4" wide, MNDOT approved epoxy white paint, apply per manufacturer’s specifications.

LEGEND

- BUILDING
- CONCRETE PATHS
- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS
- PAVERS
- DRAINAGE / WATERFLOW
- RAINGARDEN EDGE
- PROPOSED BUILDING
- RAINGARDEN BASIN
- PROPERTY LINE

Engineered soil for landscaped areas to be homogenous mixture of 20% organic compost/80% sand.
EXISTING BUILDING

PROPOSED BUILDING

PROPERTY LINE

AREA CALLOUTS

RAINGARDEN EDGE

RAINGARDEN BASIN

CONCRETE PATHS

GREEN SPACE

PAVERS

SCUPPERS/DOWNSPOUTS

SECTION CUT LINES

WATER FLOW

LEGEND

NOTES

1. Raingarden: Depth as shown on plan, construct per Details

2. 6/12 Curb & Gutter, See Details

3. Concrete Swale, See Detail

4. Extend downspout at minimum of 2% slope to raingarden

5. Trench Drain, See Detail

6. Rock Infiltration Column, 18" dia. x 6' depth, 3" to 1" clear crushed aggregate.

7. 4"-8" fieldstone boulders, to dissipate runoff. Boulders to be half-buried in soil.

8. Ornamental steel fence or black chain link fence (materials to be determined by owner)

9. Wood privacy fence (materials to be determined by owner)

10. New native planting area

11. New block retaining wall. See Detail. (materials to be determined by owner)

12. New brick path & plaza area. See Details for paver patterns. (materials to be determined by owner)
NOTES

1. Raingarden: Depth as shown on plan, construct per Details
2. 6/12 Curb & Gutter, See Details
3. Concrete Swale, See Detail
4. Extend downspout at minimum of 2% slope to raingarden
5. Trench Drain, See Detail
6. Rock Infiltration Column, 18" dia. x 6' depth, 1/2" to 1" clear crushed aggregate.
7. 4'-6" fieldstone boulders, to dissipate runoff. Boulders to be half-buried in soil.
8. Ornamental steel fence or black chain link fence (materials to be determined by owner)
9. Wood privacy fence (materials to be determined by owner)
10. New native planting area
11. New block retaining wall. See Detail. (materials to be determined by owner)
12. New brick path & plaza area. See Details for paver patterns. (materials to be determined by owner)

LEGEND

- BUILDING
- EXISTING BUILDING
- CONCRETE PATHS
- PROPOSED BUILDING
- GREEN SPACE
- PROPERTY LINE
- PAVERS
- AREA CALLOUTS
- SCUPPERS/DOWNSPOUTS
- RAINGARDEN EDGE
- SECTION CUT LINES
- RAINGARDEN BASIN
- WATER FLOW

Metro Blooms
www.metroblooms.org
651-699-2426
12" LOOSENED NATIVE SOIL
2" - 3" DOUBLE SHREDDED
HARDWOOD MULCH
EXISTING UNDISTURBED SUB-GRADE
12" GROWING MEDIUM
80% SAND / 10% LOAM / 10% COMPOST

TREE
6" PONDING DEPTH
6" (MIN.)
COARSE FILTER AGGREGATE
MnDOT 3149.2H
NON-WOVEN GEOTEXTILE FABRIC MnDOT 3733, TYPE 1
6" (MIN.)
COMPAKTED CLASS 5 BASE
BASE OF WALL ELEV., AS SHOWN ON PLAN

6" MIN
12" MIN
3:1 H/V SLOPE
B.O.W. AS, SHOWN ON PLAN

NOTE:
INITIAL COURSE OF STONE SHALL HAVE A 6" MIN. EMBEDMENT FROM FINISH GRADE SURFACE.

EACH COURSE SHALL BE LEVEL AND STONE SHALL BE UNIFORM THICKNESS

FINISHED GRADE
4" TOPSOIL (MIN.)

T.O.W. AS SHOWN ON PLAN

SCALE 1" = 10'

BLOCK RETAINING WALL TO RAINGARDEN WITH TREE

Metro Blooms
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**PLAZA PAVER DETAIL**

- **NOT TO SCALE**

**RAINGARDEN DETAIL**

- **NOT TO SCALE**

**TREE PLANTING DETAIL**

- **NOT TO SCALE**

**SHRUB PLANTING DETAIL**

- **NOT TO SCALE**

**NOTES**

- Contractor to remove existing sub-soil below the finished depth of the raingarden to a depth of 12" and back-off. Contractor to replace with planting soil.
- Planting soil mixture to be a mix of 20% per volume organic compost to 80% sand to be approved by Landscape Architect.
- Excavation and loosening of the subsoil shall be completed with a backhoe to minimize compaction of the bottom of the raingardens.
- Infiltration areas (the area of the raingarden as defined by the top elevation of the facility) shall be faced off from the first day of earth moving until project completion to prevent compaction of the subgrade, dirt tracking onto any layer of the facility and stockpiling of construction materials that may clog the surface.
- During excavation of native soils to the bottom of the facility, rainfall may cause fines to clog the surface of the facility. If the native soil has been exposed to rainfall, hand rake the surface to a depth of 3" to restore infiltration capacity.
- During area drain installation, disturb native soils as little as possible.
- A flat bottom to the raingarden will ensure equal stormwater distribution and efficient infiltration. Create a bump, as needed, along the side of the raingarden near the overflow.
- Install with plants as per planting plan. Water plants at least 1" per week for duration of first year to establish root structure.
- Keep raingarden free of weedy plants.
- Cut back decaying plant material and add compost in early spring before new growth.

**SPADES PLANTING DETAIL**

- **NOT TO SCALE**

**NOTES**

- Identify the root flare. Remove excess soil from the root ball before planting if the flare is not visible. The root flare should be partially visible above ground after planting.
- Dig a shallow, broad planting hole that is 2- to 3-times wider than the root ball but only as deep as the root ball.
- Roughen the soil on the sides of the hole with a shovel or rake.
- Fill hole with water once and allow to soak into ground prior to planting.
- Remove the container from the root ball and inspect for circling roots. Straighten, cut or remove circling roots before planting.
- Place the plant in the center of the hole. Make sure the root flare is pronounced (at or above existing soil grade) and that the plant is placed vertically in the hole.
- Fill the hole gently but firmly. First, pack soil around the base of the root ball to stabilize it then fill the remainder of the hole. Firmly pack the soil and watering the soil during and after backfilling will help to eliminate air pockets that may dry out roots.
- Mulch the base of the plant. Make sure there is a 2" wide area around the base of the stem that is mulch free to prevent moist bark conditions and prevent decay.
- More watering may be needed in times of drought.
- Keep area free of weedy plants.