

## SHEETS





LEGEND


Remove existing tree
Existing tree to remain, protect roots from damage during construction
WV Remove and dispose of existing fence
826 Raft Remove existing asphalt including subgrade to native soils
$36 \times$ Saw cut and remove existing concrete pavement for regrading

## NOTES

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.

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NOTES
(1) Raingarden: Depth as shown on plan, construct per Details $\frac{2}{L 10} \frac{3}{L 10}$
(2) $6 / 12$ Curb \& Gutter, See Details $\frac{1}{L 9}$ L9

(3) Concrete Swale, See Detail | 3 |
| :---: |

(4) Extend downspout at minimum of $2 \%$ slope to raingarden
(5) Trench Drain, See Detail $\frac{4}{L 9}$
(6) Rock Infiltration Column, 18" dia. $\times 6^{\prime}$ depth, $\frac{3 \text { " }}{4}$ 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 CON'T

(17) New block retaining wall. See Detail. (materials to be determined by owner) $\frac{1}{L 8}$
(12) New brick path \& plaza area. See Details for paver patterns. 5 L9
(materials to be determined by owner)

## LEGEND






| BUILDING | EXISTING BUILDING |
| :---: | :---: |
| $\square$ CONCRETE PATHS | - PRoposed building |
| $\square$ GREEN SPACE | PROPERTY LINE |
| PAVERS | AREA CALLOUTS |
| E SCUPPERS/DOWNSPOUTS | Raingarden edge |
| $\longleftarrow$ SECTION CUT LINES | - Raingarden basin |


| (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 |
|  | Rock Infiltration Column, 18" dia. x 6' depth, $\frac{3}{4}{ }^{\prime \prime}$ 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 |
| (9) | Wood privacy fence (materials to be determined by owner) |
| (10) | New native planting area |
| (17) | New block retaining wall. See Detail. (materials to be determined by owner) |
|  | ew brick path \& plaza area. See Details for paver patterns. 5 |

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ーー - RAINGARDEN BASIN
$\leftarrow$ WATER FLOW

18TH AVENUE NORTH

TC-CB 90.59


## LEGEND

| bUILDING | EXISTING BUILDING |
| :---: | :---: |
| $\square$ CONCRETE PATHS | - PROPOSED BUILDING |
| $\square$ GREEN SPACE | PROPERTY LINE |
| PAVERS | AREA Callouts |
| ¢ SCUPPERS/DOWNSPOUTS | Raingarden edge |
| $\longleftarrow$ SECTION CUT LINES | Raingarden basin |

$\leftarrow$ WATER FLOW

## NOTES

(1) Raingarden: Depth as shown on plan, construct per Details 2
(2) $6 / 12$ Curb \& Gutter, See Details $\frac{1}{L 9}$ L9

(3) Concrete Swale, See Detail | 3 |
| :---: |

(4) Extend downspout at minimum of $2 \%$ slope to raingarden
(5) Trench Drain, See Detail $\qquad$
(6) Rock Infiltration Column, 18" dia. x 6' depth, $\frac{3}{4}$ " 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
(17) New block retaining wall. See Detail. (materials to be determined by owner) $\frac{1}{L 8}$
(12) New brick path \& plaza area. See Details for paver patterns.
(materials to be determined by owner)
$\longleftarrow$ SECTION CUT LINES $\quad-\quad-$ RAINGARDEN BASIN

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 651-699-2426
(1) BLOCK RETAINING WALL TO RAINGARDEN WITH TREE

SCALE $1^{\prime \prime}=10^{\prime}$


(2) $\frac{\text { CURB CUT DETAIL }}{\text { NOT TO SCALE }}$

3 CONCRETE SWALE DETAIL
(1) B6/12 TYP. CURB AND GUTTER

NOT TO SCALE

(5) PLAZA PAVER PATH SECTION \& PLAN
(5)

PLAZA PAVER P
NOT TO SCALE


(1) $\frac{\text { PLAZA PAVER DETAIL }}{\text { NOT TO SCALE }}$


TREE PLANTING DETAIL
NOT TO SCALE


## NOTES

- Contractorto remove existing sub-soil below the finished depth of the raingarden to a
depth of 12 and haul offsite. Contractor to replace with planting soil. depth of 12 "and haul offsite. Contractor to replace with planting soil
- Planting soil mixture to bea mix of 20 per volume organic compost
approved by Landscape Architect.
Excavation and loosening of the subsoil shall be completed with a backhoe to
- Infiltration areas the area of the raingarden as defined by the top elevation of the
faciity) shall be fenced off from the first day of earth moving until project completion to prevent compaction of the subgrade, dirt tracking onto any layer of the faciity and stockpiling of construction materials that may cog the surface.
- During excavation of native soils to the the bottom of the faciity, rainfall may cause
fines to clog the surface of the facility. If the native soil has been exposed to rainfall, hes tockog the surface of the facitity. If the native soolit has been exp
- hand rake the surface to a depth of 3 " to restore infiltration capacity.
- A flat bottom to the raingarden will ensure equal stornwater distribution and efficient infiltration. Create a berm, as needed, along the edge of the raingarden near
- Install with plants as per planting plan. Water plants at least 1 " per week for duration
of first year to establish root structure. of first year to establish root structure.
- Cut back decaying plant material and add compost in early spring before new growth


## NOTES

- Remove dead or damaged branches. Retain natural form of tree/shrub.
Identify the root flare. Remove excess soi from the root ball before pla
- Identify the root flare. Remove excess soil from the root ball before elanting if the planting.
- Dig a shallow, broad planting hole
- but only as deep as the root ball.
- Roughen the soil on the sides of the hole with a shovel or rake.
- Remove the containere from the eoot taol and into inspect for crircling 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
- Place the eplant in the center of the e tole. Make sure the roof fare 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 packing the soil and
watering the soil during and after backfilling will help to e eliminate air pockets
that may dry out roots.
- Mulch the base of the plant. Make sure there is $2^{2 \prime}$ wide area around the base of
- Water at least 1 " " per week for duration of f first year to to establ shd phrot structucture.

More watering may be needed in times of f drought.

- Keep area free of weedy plants.

SHRUB PLANTING DETAIL

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