**KEY NOTES:**

1. THE WEST CONSTRUCTION ACCESS WILL BE BUILT ONLY IF TEMPORARY LOW WATER CROSSING IS NOT PERMITTED.

2. MULCH TRAIL TO BE CONSTRUCTED AT GRADE USING WOOD CHIPS GENERATED DURING CLEARING.
PAGE LEFT INTENTIONALLY BLANK
LOW FLOW CHANNEL

EXISTING GRADE

AGRIDRAIN INLINE FLOW CONTROL STRUCTURE
SEE DETAIL 1 ON SHEET C6.3
TOP OF STRUCTURE EL. = 598.00
I.E. = 592.00

AGRIDRAIN CB 26 WITH ONE (1) 6" EXTENSION
SEE DETAIL X ON SHEET C6.0
TOP OF GRATE EL. = 594.50
I.E. = 592.00

24" OUTFALL
I.E.=592.00

24" PIPE
I.E.=592.00

6" UNDERDRAIN FROM INFILTRATION TRENCH
I.E.=592.00

TURF REINFORCEMENT BERM
TOP EL. 596.50
SEE DETAIL 3, SHEET C6.0

EXISTING GRADE

MICROPOOL
SEE DETAIL 1, SHEET C6.0

LOW FLOW CHANNEL

BOTTOM EL. 594.00
SEE DETAIL 2, SHEET C6.0

CHENEY RUN

TURF REINFORCEMENT BERM
TOP EL. 597.00
SEE DETAIL 5, SHEET C6.0

TRAIL CREEK

MICROPOOL
SEE DETAIL 1, SHEET C6.0

LOW FLOW CHANNEL

BOTTOM EL. 594.00
SEE DETAIL 2, SHEET C6.0

CHENEY RUN

PEDESTRIAN WEIR
SEE DETAIL 6, SHEET C6.1

SEDIMENT TRAP WEIR
SEE DETAIL 4, SHEET C6.1
Erosion Control Details

CHENEY RUN STORMWATER TREATMENT AREA

TEMPORARY CONSTRUCTION ENTRANCE

Silt Fence Construction Detail

Silt Fence Plan

Notes:
1. Silt fence shall be removed at project completion.
2. Support posts shall be installed at 8' on center.
3. Top and bottom wires of mesh supports shall be minimum No. 9.
4. Intermediate wires of mesh supports shall be minimum No. 11.
5. Fabric anchor detail:
   a. Compresses and实景图 fab with fabric anchor (top)
   b. Not to exceed 2” wale

Fabric Anchor Detail

Silt Fence Plan

Compost Socks for Sediment Control

Notes:
1. Compost socks shall be installed as directed by the engineer.
2. Compost socks shall be Mirafi Prefabricated Silt Fence or approved equal.
3. Compost socks shall be Mirafi Prefabricated Silt Fence or approved equal.

Fabric Anchor Trench

Backfill with Tamped Natural Soil

Filter Fabric

Direction of Flow

Undisturbed Ground Line

Fastener - Minimum No. 9 gage. Wire 4 per post required. (Typ.) 10' max.

2' min.

Mesh Support

6" Square (Max.)

Compacted Backfill

8" min.

6" min.

2" min.

1. Intermediate wires of mesh supports shall be minimum gage No. 11.
2. Top and bottom wires of mesh supports shall be minimum gage No. 9.
3. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading.
4. Filter fabric shall meet requirements of material specification 592 Geotextile Table 1 or 2, Class T with equivalent opening size of at least 30 for nonwoven and 50 for woven.
5. Fence post shall be either standard steel post or wood post with a minimum sectional area 3.0 sq. in.
6. The mesh support may be omitted if a maximum of 5' is used for post post spacing.

E02A

SILT FENCE PLAN

SILT FENCE CONSTRUCTION DETAIL

FABRIC ANCHOR DETAIL

ELEVATION

NOTES:
1. NOT TO BE USED AS SUPPORT WALL OR BUSYWIRE FENCE.
2. NOT TO BE USED AS SUPPORT WALL OR BUSYWIRE FENCE.
3. NOT TO BE USED AS SUPPORT WALL OR BUSYWIRE FENCE.

SILT FENCE CONSTRUCTION DETAIL

SILT FENCE PLAN
SEED END AND PLANT MIX (0.40 Acres)

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Spacing Rate (Plugs)</th>
<th>Planting Rate (Plugs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prunus serrulata</td>
<td>Cherry</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Prunus virginiana</td>
<td>Pecan</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Viburnum carlesii</td>
<td>Viburnum</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Viburnum dentatum</td>
<td>Viburnum</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Viburnum × bodinianum</td>
<td>Viburnum</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Viburnum × rhytidophyllum</td>
<td>Viburnum</td>
<td>0.250</td>
<td>0.250</td>
</tr>
</tbody>
</table>

Notes:
1. PLUGS SHALL BE INSTALLED AT 2’ O.C. IN GROUPS OF 25 PLUGS USING LIKE SPECIES IN GROUPING OF 25 PLUGS.
2. PLANTING GROUPS SHALL BE SPACED AT 25’ O.C.

FLOODPLAIN FOREST SEED & PLANT MIX (3.41 Acres)

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Spacing Rate (Plugs)</th>
<th>Planting Rate (Plugs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fraxinus americana</td>
<td>Balsam Poplar</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Salix nigra</td>
<td>Willow</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Populus deltoides</td>
<td>Cottonwood</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Populus hispida</td>
<td>Poplar</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Salix alba</td>
<td>White Willow</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Salix nigra</td>
<td>Black Willow</td>
<td>0.250</td>
<td>0.250</td>
</tr>
</tbody>
</table>

Notes:
1. PLUGS SHALL BE INSTALLED AT 2’ O.C. IN GROUPS OF 25 PLUGS USING LIKE SPECIES IN GROUPING OF 25 PLUGS.
2. PLANTING GROUPS SHALL BE SPACED AT 25’ O.C.

SEEDING AND PLANT TABLES

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Spacing Rate (Plugs)</th>
<th>Planting Rate (Plugs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acer saccharinum</td>
<td>Sugar Maple</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Acer rubrum</td>
<td>Red Maple</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Acer negundo</td>
<td>Box Elder</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Acer platanoides</td>
<td>Platanus</td>
<td>0.250</td>
<td>0.250</td>
</tr>
<tr>
<td>Acer pseudoplatanus</td>
<td>Lombardy</td>
<td>0.250</td>
<td>0.250</td>
</tr>
</tbody>
</table>

Notes:
1. PLUGS SHALL BE INSTALLED AT 2’ O.C. IN GROUPS OF 25 PLUGS USING LIKE SPECIES IN GROUPING OF 25 PLUGS.
2. PLANTING GROUPS SHALL BE SPACED AT 25’ O.C.

MICRO-POOL AND CHANNEL PLANT MIX (0.76 Acres)

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Total Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acer saccharinum</td>
<td>Sugar Maple</td>
<td>204</td>
</tr>
<tr>
<td>Acer rubrum</td>
<td>Red Maple</td>
<td>204</td>
</tr>
<tr>
<td>Acer negundo</td>
<td>Box Elder</td>
<td>204</td>
</tr>
<tr>
<td>Acer platanoides</td>
<td>Platanus</td>
<td>204</td>
</tr>
<tr>
<td>Acer pseudoplatanus</td>
<td>Lombardy</td>
<td>204</td>
</tr>
<tr>
<td>Acer pseudoplatanus</td>
<td>Lombardy</td>
<td>204</td>
</tr>
</tbody>
</table>

Total: 1,473

PLUG PLANTING LAYOUT

NOTE:
1. PLUGS SHALL BE INSTALLED AT 2’ O.C. IN GROUPS OF 25 PLUGS USING LIKE SPECIES IN GROUPING OF 25 PLUGS.
2. PLANTING GROUPS SHALL BE SPACED AT 25’ O.C.
3. PLUGS CAN BE PLANTED WITHIN 10’ O.C. TO FIT QUANTITY NOTED WITHIN THE PLANTING AREA.
4. PLUGS CAN BE PLANTED MORE OR LESS THAN 25’ O.C. TO FIT QUANTITY NOTED WITHIN THE PLANTING AREA. O.C. SPACING OF GROUPINGS SHALL BE CONSISTENT AND SPREAD EVENLY THROUGHOUT PLANTING AREA.
APPENDIX 4

BMP AND RESTORATION PLAN