SITE PREPARATION PLAN

1. Construct and complete the earth change in accordance with the soil erosion and sediment control permit and a method that limits the exposed area of disturbed land for the shortest period of time.
2. Temporary or permanent control measures shall be installed to convey water around, through or from the site.
3. Remove sediment caused by accelerated soil erosion from water bodies before it leaves the site of the earth change.
4. Install temporary soil erosion and sedimentation control measures before permanent soil erosion control measures have been installed.
5. Plant vegetation to stabilize soil erosion control measurements.
6. Contractor is responsible to protect adjacent vegetation and wildlife.
7. Install permanent erosion control, measured within 1 day of compliance plan.
8. Use temporary erosion control around off-site stockpile areas.
9. Apply temporary erosion control on slopes exposed or projected to be exposed for more than 24 hours.
10. Ensure temporary erosion control,Dummy区域内，将使用以下控制方法：冲刷控制、沉淀物控制和沉淀物处理。这些控制方法旨在减少由于施工活动引起的土壤侵蚀。在施工过程中，必须实施以下控制措施：
11. Temporary erosion control measures must be in place for the shortest possible time.
12. Contractor is responsible for obtaining and maintaining temporary erosion control measures.
13. Site preparation plan shall remain open to the public during construction. Temporary closures shall be allowed. Contractor to provide temporary traffic control, rolling grade and traffic control to reduce temporary traffic centers, plan to dredge off-exposed areas.
14. Install temporary facilities at all adjacent and existing stream flow as stable and efficient as possible during the course of the project.
15. Use approved control measures as prescribed in the project plans and specifications, including bioremediation or other control methods appropriate to the site.
16. Site preparation plan shall remain open to the public during construction. Temporary closures shall be allowed. Contractor to provide temporary traffic control, rolling grade and traffic control to reduce temporary traffic centers, plan to dredge off-exposed areas.
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SITE PREPARATION PLAN

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1. Contractor to apply for and obtain tree permit from the City of Dearborn prior to start of construction.
2. Trees designated on the list in this sheet to be removed as part of this project.
3. Some trees may be saved and/or replanted for use within framework.
4. Trees to be removed must be demonstrated legally viable.
5. For areas to be graded, trees, stumps and roots to be removed to a depth of 12 inches below proposed grade.
6. Hold and trenches remaining after grading to be graded or filled in.
7. Any serviceable trees may be considered property of the contractor.
8. Any tree shipped to or loaded are to be considered potential hay habitat.
9. Any trees of the size shall not be cut within April - September 16th year to avoid time of Indiana bat (Myotis sodalis), a federal species endangered species tree removals within the April to September timeframe are allowed if an approved method of Indiana bat survey/assessment has been completed and approved by the U.S. Fish and Wildlife Service.
NOTES:
1. CLEAR VEGETATION FOR ACCESS ROAD.
2. TREES TO BE REMOVED >6" DBH LISTED ON SHEET 6.
3. FOR TEMPORARY ACCESS DETAILS, SEE SHEET 8.
4. SEE TREE REMOVAL NOTES, SHEET 6.
RESTORED ACCESS ROAD, SEE DETAIL SHEET 18

ACCESS ROAD THROUGHOUT DURATION OF PROJECT. MATERIALS FOR ACCESS ROUTE TO BE REMOVED AND ROAD TO BE RESTORED AS PERMANENT 2-TRACK ACCESS ROAD. CONTRACTOR TO INSTALL AND MAINTAIN ACCESS ROAD THROUGHOUT DURATION OF PROJECT. MATERIALS FOR ACCESS ROUTE TO BE REMOVED AND ROAD TO BE RESTORED AS PERMANENT 2-TRACK ACCESS ROAD.

TEMPORARY ACCESS CROSSING, 20' MIN CREST WIDTH, SEE PROFILE AND SECTION, THIS SHEET.

EXISTING GRADE
EDGE OF WATER
TEMPORARY ACCESS
ACCESS ROAD

TEMPORARY ACCESS NOTES:
1. CONTRACTOR TO ESTABLISH ACCESS AND MAINTAIN THROUGHOUT DURATION OF PROJECT.
2. TEMPORARY ACCESS AS SHOWN ON THIS SHEET MAY BE USED BY CONTRACTOR THROUGHOUT CONSTRUCTION. CONTRACTOR MAY PROPOSE ALTERNATE TEMPORARY ACCESS. TEMPORARY ACCESS SHOWN IN THESE DRAWINGS HAS BEEN INCLUDED IN MDEQ PERMIT. ANY PROPOSED ALTERNATIVE TEMPORARY ACCESS PROPOSED BY CONTRACTOR MUST RESULT IN SAME OR LESS IMPACT AS SHOWN IN THESE DRAWINGS AND MUST BE APPROVED BY MDEQ.
3. CONTRACTOR MAY PROPOSE ALTERNATE TEMPORARY ACCESS STRUCTURE PRIOR TO CONSTRUCTION AND USE DURING CONSTRUCTION. TEMPORARY ACCESS STRUCTURE MUST BE RESTORED COMPLETELY AND MANUFACTURER AFTER RESTORATION. ANY DAMAGE CONTRACTOR MUST BE REPAIRED AND RESTORED.
4. ALL TEMPORARY ACCESS FILL STONE, RIP RAP, AND CULVERTS TO BE REMOVED AFTER COMPLETION OF THE FISHWAY.
5. MATERIALS FOR ACCESS ROAD TO BE REMOVED AT COMPLETION OF PROJECT AND ROUTE TO BE RESTORED AS PERMANENT 2-TRACK ACCESS ROAD.

ALLIANCE OF ROUGE COMMUNITIES
DEARBORN, WAYNE COUNTY, MICHIGAN
NOTES:
1) SEE DETAIL 1, SHEET 12, FOR FISHWAY PROFILE
2) SEE SHEET 13 FOR TYPICAL BED AND POOL DETAILS
3) FINAL GRADES SHALL BE TO FACE OF STONE CHANNEL LINING. CONTRACTOR TO EXCAVATE TO SUBGRADE USING STONE THICKNESS SPECIFIED IN DETAILS ON SHEET 13

15' WIDE ACCESS, CONTRACTOR TO INSTALL AND MAINTAIN ACCESS ROAD THROUGHOUT DURATION OF PROJECT. MATERIALS FOR ACCESS ROAD TO BE RESTORED AS PERMANENT ACCESS ROAD AT PROJECT COMPLETION, PER DETAIL.

ROUGE RIVER
AOC - HENRY
FORD ESTATE
DAM FISHWAY
HABITAT
RESTORATION
PROJECT

ALLIANCE OF ROUGE COMMUNITIES
DEARBORN,
WAYNE COUNTY,
MICHIGAN

100-YEAR FLOODPLAIN ELEVATION:
589 AT PROPOSED FISHWAY
ORDINARY HIGH WATER MARK (OHWM):
583 AT PROPOSED FISHWAY

FOR BIDDING
**Pool Schedule**

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<th>Elevation</th>
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<td>P-6</td>
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<td>574.14</td>
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<tr>
<td>P-7</td>
<td>750</td>
<td>573.50</td>
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**Legend:**
- **Existing Contour**
- **Flat Boundary**
- **Proposed Contour**
- **Construction Fence**
- **Proposed Pool**
- **Access Path**
- **Silt Fence**

**NOTES:**
1) See Detail 1, Sheet 12, for Fishway Profile
2) See Sheet 13 for Typical Bed and Pool Details
3) Final Grades shall be to face of stone channel lining. Contractor to document to Subgrade. Use stone thickness specified in Details on Sheet 13

**Restored Access Road,** see Detail Sheet 18
15' Wide Access, Contractor to excavate and maintain Access Road throughout duration of project. Materials for Access Route to be removed and Road to be restored as permanent Access Road at Road at Project Completion, per Detail.

**10-Year Floodplain Elevation:**
- 589 at Proposed Fishway
- Ordinary High Water Mark (OHWM): 583 at Proposed Fishway

**Project Number:**
- 150646-0300

**Scale:** 1" = 20' @ 22" x 34"
TYPICAL BANK DETAIL

CONSTRUCTION NOTES:
1. Excavate channel to subgrade based on thick channel lining
2. Place 6'-12" 6A filter stone along Channel bottom
3. Place boulders randomly with 6'-12" spacing per engineer's direction
4. Place 36" boulders at least 5' from bottom of bank

EXAMPLE BOULDER LAYOUT

NOTES:
1. Place 4 boulders per 200 square feet of Channel bed
2. Place 8 boulders per 200 square feet of Channel bed
3. 50% of the boulders every 200 square feet of Channel bed shall be 24" or 36" boasters
4. Place at least one 36" boulder per 200 square feet of Channel bed
5. Place at least one 36" boulder every 4'-6' spacing per engineer's instructions

TYPICAL RIFFLE POOL PROFILE

1. Use 12" metal U-staples to fasten U-staples within 5' of end of fishway floodway
2. Use stapler pattern "E" in manufacturer's installation guide
3. Use staple pattern "E" in manufacturer's instructions

SCALE: 1" = 5' @ 22" x 34"

EXCAVATE CHANNEL TO SUBGRADE BASED ON 24" THICK CHANNEL LINING.

PLACE BOULDERS RANDOMLY WITH 4'-6' SPACING PER ENGINEER'S INSTRUCTIONS.

PLACE 6" OF 6A FILTER STONE ALONG CHANNEL BOTTOM.

PLACE 8 BOULDERS PER 200 SQUARE FEET OF CHANNEL BED.

PLACE AT LEAST ONE 36" BOULDER PER 200 SQUARE FEET OF CHANNEL BED.

TYPICAL BED AND POOL PLAN

TYPICAL BED SECTION

TYPICAL POOL SECTION

TYPICAL POOL PROFILE

EXAMPLE BOULDER LAYOUT

POOL LARGE WOODY DEBRIS PLAN DETAIL

NOTES:
1. Use 12" metal U-staples to fasten U-staples within 5' of end of fishway floodway
2. Use stapler pattern "E" in manufacturer's installation guide
3. Use staple pattern "E" in manufacturer's instructions

SCALE: 1" = 20' @ 22" x 34"

SCALE: 1" = 3' @ 22" x 34"

SCALE: 1" = 1' @ 22" x 34"
**REVEGETATION PLAN - OVERVIEW**

**LEGEND:**
- **EXISTING CONTOUR**
- **EXISTING WETLAND BOUNDARY**
- **PROPOSED CONTOUR**
- **PROPOSED LIVE STAKES AT BANKS**
- **PROPOSED LIVE STAKE GROUPS**
- **URBAN FLOODPLAIN SEED MIX**
- **ACCESS PATH SEED TO BE TURF**

**REVEGETATION- NORTH**

**EXISTING CONTOUR**

**WATER SURFACE**

**EXISTING WETLAND BOUNDARY**

**PROPOSED CONTOUR**

**PROPOSED LIVE STAKES AT BANKS**

**PROPOSED LIVE STAKE GROUPS**

**URBAN FLOODPLAIN SEED MIX**

**ACCESS PATH SEED TO BE TURF**

**SCALE:** 1" = 40' @ 22" x 34"

**ECT PROJECT NUMBER**
150646-0300

**SHEET NUMBER**
NORTH

**DESIGNED BY**

**DRAWN BY**

**CHECKED BY**

**APPROVED BY**

**P:\Alliance of Rouge Communities\Grant Projects\2015 NOAA - HFE Fish Passage\CAD\ECT_HFE_DamBypass_6.30.16.dwg**

(Plot Style: HFE-EX.ctb)

2200 Commonwealth Blvd, Suite 300
Ann Arbor, Michigan 48105
734.769.3004
734.769.3164 fax
www.ectinc.com

**REVEGETATION PLAN - OVERVIEW**

**LEGEND:**
- **EXISTING CONTOUR**
- **EXISTING WETLAND BOUNDARY**
- **PROPOSED CONTOUR**
- **PROPOSED LIVE STAKES AT BANKS**
- **PROPOSED LIVE STAKE GROUPS**
- **URBAN FLOODPLAIN SEED MIX**
- **ACCESS PATH SEED TO BE TURF**

**REVEGETATION- SOUTH**

**EXISTING CONTOUR**

**WATER SURFACE**

**EXISTING WETLAND BOUNDARY**

**PROPOSED CONTOUR**

**PROPOSED LIVE STAKES AT BANKS**

**PROPOSED LIVE STAKE GROUPS**

**URBAN FLOODPLAIN SEED MIX**

**ACCESS PATH SEED TO BE TURF**

**SCALE:** 1" = 40' @ 22" x 34"

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**TREE SPECIES LIST:**

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acer saccharinum</td>
<td>Silver Maple</td>
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<tr>
<td>Salix nigraea</td>
<td>Black Willow</td>
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<tr>
<td>Tilia americana</td>
<td>Tulip Poplar</td>
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<tr>
<td>Fagus grandifolia</td>
<td>Beech</td>
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**NOTES:**

1. 256 TREES ARE PROPOSED SEE SHEET 16 AND 17 FOR PROPOSED TREE LOCATIONS.
2. ADDITIONAL 18 TREES TO BE PLANTED IN ACCESS ROAD AREA.

**REVEGETATION- NORTH**

**EXISTING CONTOUR**

**WATER SURFACE**

**EXISTING WETLAND BOUNDARY**

**PROPOSED CONTOUR**

**PROPOSED LIVE STAKES AT BANKS**

**PROPOSED LIVE STAKE GROUPS**

**URBAN FLOODPLAIN SEED MIX**

**ACCESS PATH SEED TO BE TURF**

**SCALE:** 1" = 40' @ 22" x 34"

**ECT PROJECT NUMBER**
150646-0300

**SHEET NUMBER**
NORTH

**DESIGNED BY**

**DRAWN BY**

**CHECKED BY**

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URBAN FLOODPLAIN SEED MIX
TO BE PLACED ON BANKS
AND WITHIN BANKFULL
BENCH TO LIMIT OF
DISTURBED
AREA.
SEE SHEET 15 FOR SEED MIX

PROPOSED LIVE STAKES AT BANKS
2 ROWS OF 36" LIVE STAKES AT 48" O.C.,
STAGGER ROWS.
SEE SPECIES LIST, SHEET 15.
LISTED SPECIES ARE TO BE
EQUALLY REPRESENTED.

PROPOSED LIVESTAKE GROUP
INSTALL LIKE SPECIES IN MINIMUM
GROUPS OF 10. LIVE
STAKES AT 3' O.C.
SEE SPECIES LIST, SHEET 15.

PROPOSED TREE
3" DBH TREES PLACED 15' O.C. IN
RANDOM ARRANGEMENT
OF SPECIES SHOWN ON SHEET 15.
LISTED SPECIES TO BE
EQUALLY REPRESENTED.
URBAN FLOODPLAIN SEED MIX TO BE PLACED ON BANKS AND WITHIN BANKFULL BENCH TO LIMIT OF DISTURBED AREA. SEE SHEET 15 FOR SEED MIX.

PROPOSED LIVE STAKES AT BANKS
2 ROWS OF 36" LIVE STAKES AT 48" O.C., STAGGER ROWS. SEE SPECIES LIST, SHEET 15.

PROPOSED LIVESTAKE GROUP INSTALL LIKE SPECIES IN MINIMUM GROUPS OF 10. LIVE STAKES AT 3' O.C. SEE SPECIES LIST, SHEET 15.

PROPOSED TREES 3" DBH TREES PLACED 15' O.C. IN RANDOM ARRANGEMENT OF SPECIES SHOWN ON SHEET 15. LISTED SPECIES TO BE EQUALLY REPRESENTED.

LEGEND:
- EXISTING CONTOUR
- WATER SURFACE
- EXISTING WETLAND BOUNDARY
- PROPOSED CONTOUR
- PROPOSED LIVE STAKES AT BANKS
- PROPOSED LIVE STAKE GROUPS
- URBAN FLOODPLAIN SEED MIX
- ACCESS PATH SEED TO BE TURF

EXISTING CONTOUR
WATER SURFACE
EXISTING WETLAND BOUNDARY
PROPOSED CONTOUR
PROPOSED LIVE STAKES AT BANKS
PROPOSED LIVE STAKE GROUPS
URBAN FLOODPLAIN SEED MIX
ACCESS PATH SEED TO BE TURF

ACCESS ROUTE

LEGEND:
- EXISTING CONTOUR
- WATER SURFACE
- EXISTING WETLAND BOUNDARY
- PROPOSED CONTOUR
- PROPOSED LIVE STAKES AT BANKS
- PROPOSED LIVE STAKE GROUPS
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PROPOSED LIVE STAKE GROUPS
URBAN FLOODPLAIN SEED MIX
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ACCESS ROUTE
SILT FENCE - TO BE PLACED ON DISTURBED SIDE
DIG TRENCH TO BE IN 6" OF FABRIC BELOW GRADE

MEASURE 2' 6" INTO GRADE 2" X 2" WOOD POST
EXISTING GRADE

UNDISTURBED AREA
2" X 2" WOOD POST
DISTURBED AREA
6' - 0" MAX.

DISTURBED GRADE
4" MULCH TO COVER ENTIRE PLANTING HOLE. TAPER MULCH TO TRUNK. CREATE CONTINUOUS 6" EARTH SAUCER.

SILT FENCE
2" X 2" WOOD POST EXISTING GRADE

SCARIFY BOTTOM AND SIDEWALLS OF PLANTING PIT.
REMOVE TOP 1/3 OF BURLAP OR ENTIRE RAP IF NON-BIODEGRADABLE AFTER PLACING TREE IN PIT. ORIENT THE BUDS UP.

TREE SHALL BE PLANTED WITH TOP OF ROOT BALL AT OR SLIGHTLY ABOVE FINISH GRADE - NEVER LOWER.

NOTES:
1. INSTALL IN MUDFLAT/TILL ZONE AS DIRECTED BY LANDSCAPE ECOLOGIST, DURING FIRST DORMANT SEASON FOLLOWING SEEDING
2. INSTALL LIVE STAKES AT RIGHT ANGLES PUSH INTO THE GROUND BY HAND. DEAD BLOW HAMMER AND PILOT HOLES AS NECESSARY.
3. BURY FOUR-FIFTHS OF THE STAKE IN THE GROUND, AND TAMP FACE SOIL AROUND IT. ORIENT THE BUDS UP.
4. INSTALL STAKES 3 FEET APART IN TRIANGULAR SPACING PATTERN.

SIDE SLOPES SHALL BE LESS THAN 3:1 TYPICAL, UNLESS OTHERWISE INDICATED ON LAYOUT PLANS.
CUT AND FILL SLOPES SHALL TIE INTO EXISTING SLOPES TO CREATE AN EASY TRANSITION.

NOTES:
1. CROSS SLOPE DIRECTION VARIES. SEE PLANS FOR DIRECTION OF SLOPE.
2. SHOULDERS TO MATCH CROSS SLOPE OF ASPHALT PATH.
3. CONTRACTOR IS RESPONSIBLE FOR RE-ESTABLISHING ALL SLOPES DISTURBED BY CONSTRUCTION.
4. NO UTILITY SURFACE COVERS/PLATES/MANHOLES (i.e. WATERLINE VALVE COVERS, ETC.) SHALL BE LOCATED WITHIN TRAIL AND SHALL BE MINIMUM 2 FEET FROM THE EDGE OF TRAIL.
5. ALL TRAILS SHALL BE LOCATED MINIMUM 50 FEET FROM THE BACK OF ANY CURB.

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5. ALL TRAILS SHALL BE LOCATED MINIMUM 50 FEET FROM THE BACK OF ANY CURB.
10. ALL MATERIALS REMOVED, EXCEPT WHERE OTHERWISE INDICATED ON THE PLANS, SHALL BE LEGALLY DISPOSED OF OFF SITE.

1. UNDERGROUND UTILITIES: FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 53, 1974, THE MATERIALS TO/FROM THE SITE. COSTS OF OBTAINING NECESSARY PERMITS IS INCIDENTAL TO THE WORK.

LOCAL AND STATE TRAFFIC LAWS. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PERTAINING TO DELIVERY OF EQUIPMENT AND GENERAL NOTES:

CLEARING AND GRUBBING NOTES

SAVED, UNLESS SPECIFICALLY APPROVED BY THE ENGINEER. THE LOWER BRANCHES OF ALL TREES TO REMAIN SHALL NOT BE REMOVED, OR

3. ALL PLANT MATERIAL NOT MARKED FOR REMOVAL SHALL BE DISTURBED AS LITTLE AS POSSIBLE DURING THE CLEARING AND SUBSURFACE CONDITIONS ARE THE SAME OTHER THAN THE EXACT LOCATION OF THE BORINGS.

6. ALL CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO ‘LIMIT OF DISTURBANCE LINE. WORK BEYOND THESE LIMITS SHALL BE AS DIRECTED BY THE ENGINEER AND OWNER.

SITE RESTORATION AND CLEAN-UP:

CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION OVER EXISTING ASPHALT PEDESTRIAN PATH TO PREVENT PHYSICAL DAMAGE TO THE PATH. SAFETY FENCES AND/OR OTHER BARRIER METHODS WITH APPROPRIATE SIGNAGE MAY BE USED FOR ONE YEAR FROM COMPLETION.

3. REPLACEMENTS: AS SOON AS WEATHER CONDITIONS PERMIT, REPLACE, WITHOUT COST TO OWNER, ALL DEAD PLANTS AND ALL PLANT MATERIAL PRIOR TO MOBILIZATION. ALL EXPENSES

1. TREES, SHRUBS, AND PLUGS SHALL BE OF NATIVE PLANT MATERIAL OF GENOTYPES FROM THE NORTH CENTRAL STATES ONLY (IL, MN, WI, IA, MN) AND FROM A RECOMMENDED NURSERY OF THE REGION.

2. NATIVE SEED AREAS SHALL BE SEEDED AFTER MAY 1, (WHEN SOIL IS FREE OF FROST AND IN WORKABLE CONDITION), BUT BEFORE JUNE 30 OR AFTER OCTOBER 1 BUT BEFORE NOVEMBER 1 OR PRIOR TO FROST OR FIRE ATTACKED BY THE ENGINEER.

3. ALL SEEDED AREAS SHALL BE HYDROSEEDED. A HYDROMULCH CONSISTING OF CELLULOSE OR SIMILAR MULCH WITH TACKIFIER SUITABLE FOR HYDROSEEDING SHALL BE USED AS A SEEING METHOD. NO STRAW MULCH SHALL BE USED.

4. FURNISH PLANT SPECIES AND SIZES AS INDICATED ON THE PLANS. PLANT STOCK SHALL BE TRUE TO THEIR NAME (GENUS AND SPECIES) AND FREE OF DISEASES, INSECT PESTS, EGGS, OR LARVAE. PLANTS SHALL BE FREE OF KINKED, BUT NOT COMPACT. SEED IMMEDIATELY AFTER SCARIFYING. DO NOT FERTILIZE.

5. ALL PLANTING WORK SHALL BE INSTALLED AFTER MAY 15 WHEN SOIL IS FREE OF FROST AND IN NORMAL CONDITION, BUT BEFORE JUNE 30 OR AFTER OCTOBER 1 TO避免 REPLANTING PERIODS. TUMBLEWEEDS, CIRCLES OR GROUNDS COVERING SURFACE AND COVER DOTS, AND SHALL NOT BE ROOT SOFT. REMOVE ALL PLANTING MATERIALS FROM THE SITE PRIOR TO 1Mobilization.

8. FURNISH PLANT MATERIALS THAT ARE IN GOOD CONDITION AND THAT ARE FREE OF DISEASES, INSECT PESTS, EGG, OR LARVA. PLANTS SHALL BE FREE OF DISEASES, INSECT PESTS, EGG, OR LARVA. PLANTS SHALL BE FREE OF KINKED, BENT, CHewed, OR DAMAGED MATERIALS.

9. NOTIFY THE OWNER PRIOR TO AND FOLLOWING ANY MAINTENANCE ACTIVITY.

10. FINAL ACCEPTANCE OF WORK WILL BE SUBJECT TO ACCEPTANCE BY PROJECT MANAGER AND OWNER AT THE END OF GUARANTEE PERIOD. IF THE CONTRACTOR FAILS TO RESPOND WITHIN THIS TIME, THE OWNER MAY TAKE OVER THE WORK AND THE CONTRACTOR SHALL BE LIABLE FOR ALL COSTS INCURRED THEREBY.

CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION OVER EXISTING ASPHALT PEDESTRIAN PATH TO PREVENT PHYSICAL DAMAGE TO THE PATH. SAFETY FENCES AND/OR OTHER BARRIER METHODS WITH APPROPRIATE SIGNAGE MAY BE USED FOR ONE YEAR FROM COMPLETION.
THREATENED PLANT MITIGATION NOTES

1. ALL THREATENED PLANT MITIGATION ACTIVITIES SHALL BE CONDUCTED BY AN APPROVED THREATENED PLANT SPECIALIST WITH A CURRENT STATE OF MICHIGAN NURSERY LICENSE AND A MINIMUM OF 10 YEARS OF EXPERIENCE COLLECTING SEEDS FROM THREATENED PLANT SPECIES AND TRANSPLANTING AND/OR ENDANGERED PLANT POPULATIONS.

2. ACCEPTABLE THREATENED PLANT SPECIES INCLUDING BUT NOT LIMITED TO:

   WILDLIFE NATIVE PLANT NURSERY LTD. - MASON, MICHIGAN 517-244-1140

3. IN ACCORDANCE WITH PART 365, ENDANGERED SPECIES PROTECTION OF THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT OF MICHIGAN PUBLIC ACTS OF 1966, THREATENED PLANT SPECIALIST IS RESPONSIBLE FOR SECURING A HABITAT OF THREATENED/ENDANGERED SPECIES PRIOR TO COMMENCEMENT OF THE ACTIVITIES OF NATURAL RESOURCES WILDLIFE DIVISION PRIOR TO INITIATION OF ALL WORK INVOLVING THREATENED PLANT MATERIAL.

4. IN ORDER TO PREVENT THE INTRODUCTION AND SPREAD OF INVASIVE SPECIES, ALL THREATENED PLANT SPECIES ARE PROTECTED AGAINST SEED PREDATION AND PREPARED MITIGATION AREA A TO RECEIVE TRANSPLANTS SUCH THAT INVASIVE SPECIES COVERAGE IS LESS THAN 10%.

5. IN AUGUST, THREATENED PLANT SPECIALIST SHALL TRANSPLANT ALL THREATENED PLANT SPECIES CONVOLVULUS LINARIIFOLIA FOR INSTALLATION OF SELF-SUSTAINING THREATENED PLANT MATERIAL. ALL THREATENED/ENDANGERED SPECIES PROGRESS REPORTS AND ANY CORRECTIVE ACTIONS REQUIRED BY THE MICHIGAN DEPARTMENT OF NATURAL RESOURCES WILDLIFE DIVISION.

6. IN AUGUST, THREATENED PLANT SPECIALIST SHALL COLLECT MATURE SEED FROM THREATENED PLANT POPULATIONS 1, 2, AND 3 AND TRANSPLANT THE SEED FOR INSTALLATION OF CONTINGENT THREATENED PLANT MATERIAL. THE FOLLOWING SEED COLLECTING PERIOD CONTIGUOUS WITH THE DEPARTMENT OF NATURAL RESOURCES WILDLIFE DIVISION PRIOR TO INITIATION OF ALL WORK INVOLVING THREATENED PLANT MATERIAL.

7. IN AUGUST, THREATENED PLANT SPECIALIST SHALL TRANSPLANT ALL THREATENED PLANT POPULATIONS AT A DISTANCE OF BETWEEN 100 FEET OR ON A DECIMAL MATERIALS NURSERY LICENSE DIVISION BY DECEMBER 1 OF EACH YEAR AS REQUIRED BY THE MICHIGAN DEPARTMENT OF NATURAL RESOURCES WILDLIFE DIVISION.

8. THREATENED PLANT SPECIALIST IS RESPONSIBLE FOR SUBMITTING A THREATENED PLANT TRANSPLANTING AND SEED COLLECTION REPORT TO THE MICHIGAN DEPARTMENT OF NATURAL RESOURCES WILDLIFE DIVISION PRIOR TO INITIATION OF ALL WORK INVOLVING THREATENED PLANT MATERIAL.

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