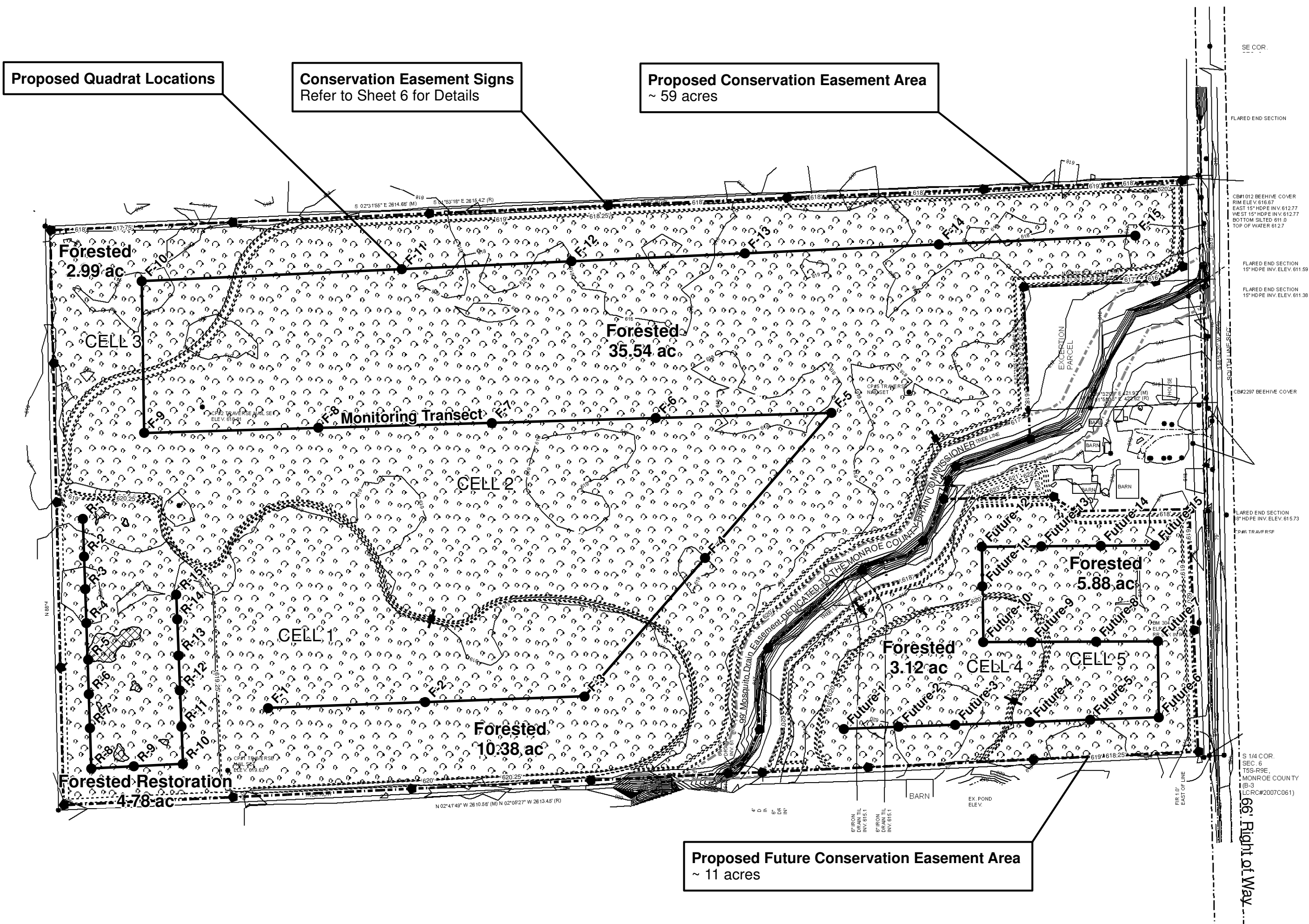


Proposed Quadrat Locations

Conservation Easement Signs  
Refer to Sheet 6 for Details

Proposed Conservation Easement Area  
~ 59 acres



Proposed Future Conservation Easement Area  
~ 11 acres

### Proposed Wetland Mitigation Bank Area

| Cell Number                         | Wetland Type | Wetland Credits (ac) |
|-------------------------------------|--------------|----------------------|
| 1                                   | Forested     | 15.16                |
| 2                                   | Forested     | 35.54                |
| 3                                   | Forested     | 2.99                 |
| TOTAL =                             |              | 53.69                |
| Existing Wetland =                  |              | -0.18                |
| Mitigation Credits =                |              | 53.51                |
| Future Cells                        |              |                      |
| 4 (Future)                          | Forested     | 3.12                 |
| 5 (Future)                          | Forested     | 5.88                 |
| TOTAL =                             |              | 9.00                 |
| Mitigation Credits w/Future Cells = |              | 62.51                |

### Forested Zone Seed Mix\*

| Scientific Name                     | Common Name                 | Ind. Status |
|-------------------------------------|-----------------------------|-------------|
| <u>Grasses, Sedges, and Rushes:</u> |                             |             |
| <i>Bromus ciliatus</i>              | Fringed Brome               | FACW        |
| <i>Carex blanda</i>                 | Woodland Sedge              | FAC         |
| <i>Carex grayi</i>                  | Common Bur Sedge            | FACW        |
| <i>Carex lacustris</i>              | Common Lake Sedge           | OBL         |
| <i>Carex lupulina</i>               | Common Hop Sedge            | OBL         |
| <i>Carex squarrosa</i>              | Narrow-leaved Cattail Sedge | OBL         |
| <i>Carex vulpinoidea</i>            | Brown Fox Sedge             | OBL         |
| <i>Cinna arundinacea</i>            | Wood Reed Grass             | FACW        |
| <i>Glyceria canadensis</i>          | Rattlesnake Grass           | OBL         |
| <i>Leersia oryzoides</i>            | Rice Cut Grass              | OBL         |
| <i>Scirpus atrovirens</i>           | Dark-green Bulrush          | OBL         |
| <i>Scirpus cyperinus</i>            | Woolgrass                   | OBL         |
| <i>Spartina pectinata</i>           | Prairie Cord Grass          | FACW        |
| <u>Forbs:</u>                       |                             |             |
| <i>Asclepias incarnata</i>          | Swamp Milkweed              | OBL         |
| <i>Bidens frondosa</i>              | Common Beggar's Ticks       | FACW        |
| <i>Boehmeria cylindrica</i>         | False Nettle                | OBL         |
| <i>Boltonia asteroides</i>          | False Aster                 | FACW        |
| <i>Campanula americana</i>          | Tall Bellflower             | FAC         |
| <i>Cicuta maculata</i>              | Water Hemlock               | OBL         |
| <i>Cryptotaenia canadensis</i>      | Honewort                    | FAC         |
| <i>Helenium autumnale</i>           | Sneezeweed                  | FACW        |
| <i>Hypericum ascyron</i>            | Great St. John's Wort       | FAC         |
| <i>Lobelia cardinalis</i>           | Cardinal Flower             | OBL         |
| <i>Lobelia siphilitica</i>          | Great Blue Lobelia          | FACW        |
| <i>Lycopus americanus</i>           | Water Horehound             | OBL         |
| <i>Mimulus ringens</i>              | Monkey Flower               | OBL         |
| <i>Packera aureus</i>               | Golden Ragwort              | FACW        |
| <i>Scutellaria lateriflora</i>      | Mad-dog Skullcap            | OBL         |
| <i>Silphium perfoliatum</i>         | Cup Plant                   | FACW        |
| <i>Symphotrichum lateriflorum</i>   | Calico Aster                | FAC         |
| <i>Symphotrichum novae-angliae</i>  | New England Aster           | FACW        |
| <i>Thalictrum dasycarpum</i>        | Purple Meadowrue            | FACW        |
| <i>Verbena hastata</i>              | Blue Vervain                | FACW        |
| <i>Verbesina alternifolia</i>       | wingstem                    | FACW        |
| <i>Vernonia gigantea</i>            | Tall Ironweed               | FAC         |

\*apply at supplier recommended rate

### Wetland Monitoring

Wetland establishment will be monitored following the Department of Environmental Quality's Wetland Monitoring Protocol.

Six (6) water level loggers will be installed on the site with one (1) logger being placed in each cell and (1) logger in the Forested Restoration Area.

### Cover Crop (DO NOT MIX WITH OTHER SEEDS)\*

Annual Rye/Winter Wheat  
Barnyard Grass  
Virginia Wild Rye

\*apply at supplier recommended rate

### Upland Prairie Seed Mix For Spoil Piles\*

| Scientific Name                     | Common Name       | Ind. Status |
|-------------------------------------|-------------------|-------------|
| <u>Grasses, Sedges, and Rushes:</u> |                   |             |
| <i>Panicum virgatum</i>             | Switch Grass      | FAC         |
| <i>Andropogon gerardii</i>          | Big Bluestem      | FACU        |
| <i>Sorghastrum nutans</i>           | Indian Grass      | FACU        |
| <i>Schizachyrium scoparium</i>      | Little Bluestem   | FACU        |
| <u>Forbs:</u>                       |                   |             |
| <i>Echinacea purpurea</i>           | Purple Coneflower | UPL         |
| <i>Rudbeckia hirta</i>              | Black-eyed Susan  | FACU        |
| <i>Coreopsis lanceolata</i>         | Prairie Coreopsis | FACU        |
| <i>Helianthus gigantea</i>          | Tall Sunflower    | FACW        |

\*apply at supplier recommended rate

### Berm Seed Mix\*

| Scientific Name                        | Common Name         | Ind. Status |
|----------------------------------------|---------------------|-------------|
| <u>Grasses, Sedges, and Rushes:</u>    |                     |             |
| <i>Lolium perenne</i>                  | Perennial Rye Grass | FACU        |
| <i>Lolium perenne spp. multiflorum</i> | Annual Rye Grass    | FACU        |

\*apply at supplier recommended rate

### Trees\*

| Scientific Name              | Common Name     | Ind. Status |
|------------------------------|-----------------|-------------|
| <i>Acer rubrum</i>           | Red Maple       | FAC         |
| <i>Carpinus caroliniana</i>  | Musclewood      | FAC         |
| <i>Platanus occidentalis</i> | Sycamore        | FACW        |
| <i>Quercus bicolor</i>       | Swamp White Oak | FACW        |
| <i>Quercus palustris</i>     | Pin Oak         | FACW        |
| <i>Salix nigra</i>           | Black Willow    | OBL         |
| <i>Ulmus americana</i>       | American Elm    | FACW        |

\*Trees will be planted at a density to achieve 300 trees/acre.

Job No: NE 1492

Drawn:  
SFN 12-19-16

Revisions:

### Huron River Wetland Mitigation Bank #2

Planting and Monitoring Plan  
2382 W Newburg Rd, Carleton, Michigan 48117  
SW 1/4 Section 06 of Ash Township (T05S-R09E), Monroe County

Client: Capernall Farm, LLC  
Bank Sponsor: Capernall Farm, LLC  
Designer: Niswander Environmental  
Surveyor: Livingston Engineering

**NISWANDER**  
**ENVIRONMENTAL**  
9436 Maltby Road, Brighton, MI 48116  
810.225.0539 office | 810.225.0653 fax