



June 16, 2022

Meeting Notice
Tree Commission
June 23, 2022

Notice is hereby given that the Tree Commission of the Village of Whitehouse, Ohio will meet on Thursday, June 23, 2022 at 7:30 p.m. The meeting will be held in Council Chambers, Village Hall, 6925 Providence Street, Whitehouse, Ohio.

AGENDA

- I. Call to Order
- II. Approve Minutes of the May 26, 2022 Meeting
- III. Old Business
 - A. Update Master Plan
 - B. Update Tree Inventory
 - C. Forms & Docs
 - D. FaceBook Ideas
- IV. New Business
- V. Discuss Other Issues as Appropriate under the Village Charter
- VI. Adjourn

Submitted by:
Jordan D. Daugherty, CPA
Village Administrator

Whitehouse Tree Commission
May 26, 2022

Present: Commissioners, Sheri Luedtke (Chair), Amy Schultz (Vice Chair), Elliot Tramer; Mark Thomas (Public Works Rep), Diane DeYonker, and Dianne Toffler.

Meeting was called to order by Chairperson, Sheri Luedtke at 7:34 pm.

The minutes of the April 28, 2022 were approved by Elliott Tramer, seconded by Diane DeYonker, motion carried.

Under old business, Sheri stated that the Market was not held last Saturday due to rain. This coming Saturday will be the last Flower Market for this year. She has been able to promote the Tree Commission with available literature on the Emerald Ash Borer, along with the Asian Long Horned Beetle and the Tree Commission Face Book page. She is going to add the Picnic Beetle as another insect to watch for when she can find an acceptable photo. She is also working on a Maple Sugar Video to be uploaded to the Face Book page.

During the June 7th Whitehouse Village Council meeting Sheri will present the Tree City USA and Growth Awards to the Village. We are currently working on items for the 2022 awards such as updating our tree inventory. Elliot stated that there are repetitive awards granted for this award such as an increase in the budget. We are on our way to achieving this for 2022.

Sheri advised there are subdivisions or areas that have not been inventoried and we will work on these in July and August. At our July meeting we will have a list of the areas to be done. We will also review our current list of acceptable Street Trees.

Mark Thomas reported that another Elm tree in the parking area on Toledo Street had to be removed. There were 3 trees planted with the help of Anthony Wayne 3rd graders for Arbor Day, a River Birch, a Red Maple, and a Swamp White Oak. He also reported there is a tree across from the Police Department at 6936 Providence that has a lot of dead wood and would like the committee to look at it for possible removal. As an aside from the meeting, all committee members looked at this tree and decided it should be removed.

We will try to have Roger Myer, a beekeeper present a seminar on the importance of bees and pollination of trees. We will try for June 16 if a room in Village Hall is available.

New invasives of some concern are the Hammerhead worm, which would destroy the regular earth worms, and they are currently in Darke County, Ohio. Also the Spotted Lantern Fly which is in the Cleveland, Ohio area.

With no further business to discuss the meeting was adjourned at 8:25 with a motion by Diane DeYonker and a second by Dianne Toffler. Motion carried.

Respectfully submitted by Amy Schultz

provided to the Whitehouse Tree Commission
by the Ohio Division of Urban Forestry
in Spring 2014

Ohio Trees by Size and Site Hardiness

Asst.

Hardiness

| Family | Genus | Species | Common name | Hardiness Zone | Hardiness | Size | Notes |
|--------------|---------------------|---------------|---|-------------------|-----------|------|------------|
| Acereae | Acer (Maple) | nigrum | black | 3 | G | L | |
| Acereae | Acer (Maple) | rubrum | red | 3 | G | L | |
| Acereae | Acer (Maple) | saccharum | sugar | 3 | G | L | |
| Ericaceae | Oxydendrum | arboreum | sourwood, sorrel tree | 5b | G | L | Acid |
| Fagaceae | Fagus (Beech) | grandifolia | American | 4 | G | L | |
| Fagaceae | Fagus (Beech) | sylvatica | European, common | 4 | G | L | |
| Fagaceae | Quercus (Oak) | alba | white | 4 | G | L | |
| Fagaceae | Quercus (Oak) | coccinea | scarlet | 5a | G | L | |
| Fagaceae | Quercus (Oak) | muehlenbergii | chinkapin, yellow, chinquapin | 5a | G | L | |
| Fagaceae | Quercus (Oak) | palustris | pin | 4 | G | L | |
| Fagaceae | Quercus (Oak) | prinus | chestnut | 5a | G | L | |
| Fagaceae | Quercus (Oak) | rubra | red | 3 | G | L | |
| Juglandaceae | Juglans (Walnut) | cinerea | butternut | 3 | G | L | Large seed |
| Juglandaceae | Juglans (Walnut) | nigra | black | 4 | G | L | Large seed |
| Juglandaceae | Juglans (Walnut) | regia | English walnut | 5b | G | L | Large seed |
| Magnoliaceae | Liriodendron | tulipifera | tuliptree, tulip poplar, yellow poplar | 5a | G | L | |
| Magnoliaceae | Magnolia (Magnolia) | acuminata | cucumber tree | 4 | G | L | |
| Pinaceae | Tsuga (Hemlock) | canadensis | Canadian, Canada | 3 | G | L | |
| Pinaceae | Tsuga (Hemlock) | caroliniana | Carolina | 5b | G | L | |

Ohio Trees by Size and Site Hardiness

Hardiness

| Family | Genus | Species | Common name | Zone | Hardiness | Size | Notes |
|---------------------------|---|---------------------------|-----------------------------|------|-----------|------|------------|
| Acerae | <i>Acer</i> (Maple) | <i>platanoides</i> | Norway | 4b | I | L | |
| Acerae | <i>Acer</i> (Maple) | <i>x freemanii</i> | freeman | 4 | I | L | |
| Betulaceae | <i>Betula</i> (Birch) | <i>nigra</i> | river, red | 4a | I | L | |
| Fabaceae- <i>Fagaceae</i> | <i>Castanea</i> (Chestnut) | <i>dentata</i> | American | 4 | I | L | Spiny seed |
| Fabaceae | <i>Gymnocladus</i> | <i>dioicus</i> | Kentucky coffeetree | 4 | I | L | Male |
| Fagaceae | <i>Quercus</i> (Oak) | <i>bicolor</i> | swamp white | 4 | I | L | |
| Fagaceae | <i>Quercus</i> (Oak) | <i>imbricaria</i> | shingle | 5a | I | L | |
| Fagaceae | <i>Quercus</i> (Oak) | <i>macrocarpa</i> | bur | 3 | I | L | Large seed |
| Fagaceae | <i>Quercus</i> (Oak) | <i>shumardii</i> | shumard | 5b | I | L | |
| Hamamelidaceae | <i>Liquidambar</i> (Sweetgum) | <i>styraciflua</i> | sweetgum | 5b | I | L | Spiny seed |
| Hippocastanaceae | <i>Aesculus</i> (Horsechestnut/Buckeye) | <i>chinensis</i> | Chinese HC | 5a | I | L | Spiny seed |
| Hippocastanaceae | <i>Aesculus</i> (Horsechestnut/Buckeye) | <i>flava aka octandra</i> | yellow buckeye | 5a | I | L | Spiny seed |
| Hippocastanaceae | <i>Aesculus</i> (Horsechestnut/Buckeye) | <i>hippocastanum</i> | common HC | 4 | I | L | Spiny seed |
| Juglandaceae | <i>Carya</i> (Hickory) | <i>cordiformis</i> | bitternut | 4 | I | L | Large seed |
| Juglandaceae | <i>Carya</i> (Hickory) | <i>laciniosa</i> | shellbark | 5b | I | L | Large seed |
| Juglandaceae | <i>Carya</i> (Hickory) | <i>ovata</i> | shagbark | 4 | I | L | Large seed |
| Lauraceae | <i>Sassafras</i> | <i>albidum</i> | sassafras | 5b | I | L | |
| Nyssaceae | <i>Nyssa</i> | <i>sylvatica</i> | blackgum, sourgum | 5a | I | L | Acid |
| Pinaceae | <i>Larix</i> (Larch) | <i>decidua</i> | European, common | 4 | I | L | |
| Pinaceae | <i>Larix</i> (Larch) | <i>kaempferi</i> | Japanese | 4 | I | L | |
| Pinaceae | <i>Larix</i> (Larch) | | tamarack, eastern, American | 2 | I | L | |
| Platanaceae | <i>Platanus</i> (Sycamore/Planetree) | <i>x acerifolia</i> | London planetree | 5a | I | L | |
| Platanaceae | <i>Platanus</i> (Sycamore/Planetree) | <i>occidentalis</i> | American sycamore | 5a | I | L | |
| Taxodiaceae | <i>Metasequoia</i> | <i>glyptostroboides</i> | dawn redwood | 5b | I | L | |
| Taxodiaceae | <i>Taxodium</i> (Baldcypress) | <i>ascendens</i> | pond | 5b | I | L | |
| Tiliaceae | <i>Tilia</i> (Linden) | <i>americana</i> | American linden, basswood | 3 | I | L | |
| Tiliaceae | <i>Tilia</i> (Linden) | <i>tomentosa</i> | silver leaf, silver | 5a | I | L | |
| Ulmaceae | <i>Ulmus</i> (Elm) | <i>carpinifolia</i> | smoothleaf | 5b | I | L | |

Ohio Trees by Size and Site Hardiness

| Family | Genus | Species | Common name | Hardiness | | |
|--------------|--------------------------------|-----------------------|--|-----------|-----------|------|
| | | | | Zone | Hardiness | Size |
| Acereae | <i>Acer</i> (Maple) | <i>saccharinum</i> | silver | 3 | P | L |
| Betulaceae | <i>Alnus</i> (Alder) | <i>glutinosa</i> | common indian pod, eastern, cigar tree | 4a | P | L |
| Bignoniaceae | <i>Catalpa</i> (Catalpa) | <i>bignonioides</i> | northern, hardy | 5a | P | L |
| Bignoniaceae | <i>Catalpa</i> (Catalpa) | <i>speciosa</i> | | 4a | P | L |
| Fabaceae | <i>Gleditsia</i> (Honeylocust) | <i>triacanthos</i> | <i>inermis</i> ' (thornless) | 4 | P | L |
| Fabaceae | <i>Robinia</i> (Black Locust) | <i>pseudoacacia</i> | black, yellow, white | 4 | P | L |
| Ginkgoaceae | <i>Ginkgo</i> | <i>biloba</i> | maiden hair tree, ginkgo | 4 | P | L |
| Juglandaceae | <i>Carya</i> (Hickory) | <i>glabra</i> | pignut | 5b | P | L |
| Taxodiaceae | <i>Taxodium</i> (Baldcypress) | <i>distichum</i> | common | 5a | P | L |
| Ulmaceae | <i>Celtis</i> (Hackberry) | <i>occidentalis</i> | Hackberry | 2 | P | L |
| Ulmaceae | <i>Ulmus</i> (Elm) | <i>americana</i> | American | 2 | P | L |
| Ulmaceae | <i>Ulmus</i> (Elm) | spp. | Elm Hybrids | 3 | P | L |
| Ulmaceae | <i>Zelkova</i> | <i>serrata</i> | zelkova, Japanese zelkova | 5a | P | L |
| Acereae | <i>Acer</i> (Maple) | <i>pensylvanicum</i> | striped | 4b | G | M |
| Acereae | <i>Acer</i> (Maple) | <i>pseudoplatanus</i> | sycamore | 5 | G | M |
| Acereae | <i>Acer</i> (Maple) | <i>triflorum</i> | three flower | 5a | G | M |
| Betulaceae | <i>Betula</i> (Birch) | <i>alleghaniensis</i> | Yellow | 3b | G | M |
| Betulaceae | <i>Carpinus</i> (Hornbeam) | <i>cordata</i> | heartleaf | 5a | G | M |
| Betulaceae | <i>Carpinus</i> (Hornbeam) | <i>japonica</i> | Japanese | 5b | G | M |
| Betulaceae | <i>Carpinus</i> (Hornbeam) | <i>caroliniana</i> | musclewood, American | 3b | G | S-M |
| Magnoliaceae | <i>Magnolia</i> (Magnolia) | <i>tripetala</i> | umbrella | 5a | G | M |
| Roseaceae | <i>Prunus</i> (Cherry) | <i>maackii</i> | amur chokecherry | 3 | G | M |
| Roseaceae | <i>Prunus</i> (Cherry) | <i>sargentii</i> | sargent cherry | 5a | G | M-L |
| Roseaceae | <i>Prunus</i> (Cherry) | <i>virginiana</i> | common chokcherry | 3 | G | M |
| Roseaceae | <i>Pyrus</i> (Pear) | <i>calleryana</i> | bradford | 5a | G | M |
| Roseaceae | <i>Sorbus</i> (Mountain Ash) | <i>alnifolia</i> | Korean | 4 | G | M |
| Roseaceae | <i>Sorbus</i> (Mountain Ash) | <i>aucuparia</i> | European | 3 | G | M |

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|-------------------|---|---------------------|----------------------|-----------|-----------|------|------------|
| | | | | Zone | Hardiness | Size | |
| Acereae | <i>Acer</i> (Maple) | <i>campestre</i> | hedge | 5a | I | M | |
| Acereae | <i>Acer</i> (Maple) | <i>griseum</i> | paperbark | 5a | I | M | |
| Acereae | <i>Acer</i> (Maple) | <i>miyabei</i> | miyabei | 4 | I | M | |
| Anacardiaceae | <i>Cotinus</i> (Smoketree) | <i>obovatus</i> | American | 5a | I | M | |
| Betulaceae | <i>Betula</i> (Birch) | <i>lenta</i> | Sweet, Black, Cherry | 4a | I | M | |
| Betulaceae | <i>Carpinus</i> (Hornbeam) | <i>betulus</i> | European | 5a | I | M | |
| Betulaceae | <i>Ostrya</i> (Hophornbeam) | <i>virginiana</i> | ironwood, American | 3b | I | M | |
| Cercidiphyllaceae | <i>Cercidiphyllum</i> | <i>japonicum</i> | katsuratree | 5a | I | M | |
| Cupressaceae | <i>Chamaecyparis</i> (Falsecypress) | <i>nootkatensis</i> | alaska - cedar | 5b | I | M | |
| Cupressaceae | <i>Chamaecyparis</i> (Falsecypress) | <i>pisifera</i> | sawara, Japanese | 5a | I | M | |
| Cupressaceae | <i>Chamaecyparis</i> (Falsecypress) | <i>thyoides</i> | atlantic whitecedar | 5a | I | M | |
| Fabaceae | <i>Castanea</i> (Chestnut) | <i>mollissima</i> | Chinese | 5b | I | M | Spiny seed |
| Fabaceae | <i>Cladratis</i> | <i>kentukea</i> | yellowwood | 4 | I | M | |
| Fabaceae | <i>Maackia</i> | <i>amurensis</i> | Amur Maackia | 4 | I | M | |
| Fagaceae | <i>Quercus</i> (Oak) | <i>robur</i> | English | 5b | I | M | |
| Hippocastanaceae | <i>Aesculus</i> (Horsechestnut/Buckeye) | <i>glabra</i> | Ohio buckeye | 3 | I | M | Spiny seed |
| Hippocastanaceae | <i>Aesculus</i> (Horsechestnut/Buckeye) | <i>x carnea</i> | red HC | 5 | I | M | Spiny seed |
| Roseaceae | <i>Malus</i> (Crabapple) | <i>baccata</i> | Siberian | 3 | I | M | |
| Roseaceae | <i>Prunus</i> (Cherry) | <i>x yedoensis</i> | yoshino | 5b | I | M | |
| Rutaceae | <i>Phellodendron</i> | <i>amurense</i> | Amur Corktree | 4 | I | M | |
| Sapindaceae | <i>Koelreuteria</i> | <i>paniculata</i> | goldenraintree | 5b | I | M | |
| Styracaceae | <i>Halesia</i> (Silverbell) | <i>diptera</i> | two winged | 6 | I | M | |
| Styracaceae | <i>Halesia</i> (Silverbell) | <i>carolina</i> | carolina | 5 | I | M | |
| Styracaceae | <i>Halesia</i> (Silverbell) | <i>tetraptera</i> | Carolina | 5a | I | M | |
| Tiliaceae | <i>Tilia</i> (Linden) | <i>cordata</i> | little leaf | 3 | I | M | |
| Tiliaceae | <i>Tilia</i> (Linden) | <i>x euchlora</i> | crimean | 3 | I | M | |
| Betulaceae | <i>Corylus</i> (Filbert) | <i>colurna</i> | Turkish | 2b | P | M | |
| Roseaceae | <i>Crataegus</i> (Hawthorn) | <i>viridis</i> | green | 5a | P | M | |
| Ulmaceae | <i>Ulmus</i> (Elm) | <i>parvifolia</i> | lacebark, Chinese | 5b | P | M-L | |

Ohio Trees by Size and Site Hardiness

| Family | Genus | Species | Common name | Hardiness | | |
|-----------------------|-----------------------------------|----------------------|--------------------------|-----------|-----------|------|
| | | | | Zone | Hardiness | Size |
| <i>Araliaceae</i> | <i>Aralia</i> | <i>spinosa</i> | devils walking stick | 4a | G | S |
| <i>Araliaceae</i> | <i>Aralia</i> | <i>elata</i> | Japanese angelica tree | 5 | G | S |
| <i>Cornaceae</i> | <i>Cornus</i> (Dogwood) | <i>alternifolia</i> | pagoda | 4a | G | S |
| <i>Cornaceae</i> | <i>Cornus</i> (Dogwood) | <i>florida</i> | white flowering | 5b | G | S |
| <i>Cornaceae</i> | <i>Cornus</i> (Dogwood) | <i>officinalis</i> | Japanese. cornal | 5a | G | S |
| <i>Magnoliaceae</i> | <i>Magnolia</i> (Magnolia) | <i>x soulangiana</i> | saucer | 5a | I-G | S |
| <i>Magnoliaceae</i> | <i>Magnolia</i> (Magnolia) | <i>virginiana</i> | sweetbay | 5b | G | S |
| <i>Oleaceae</i> | <i>Chionanthus</i> (Fringe Tree) | <i>virginicus</i> | fringe tree | 5a | G | S |
| <i>Roseaceae</i> | <i>Prunus</i> (Cherry) | <i>americana</i> | american red plum | 3 | G | S |
| <i>Roseaceae</i> | <i>Prunus</i> (Cherry) | <i>cerasifera</i> | cherry plum | 4 | G | S |
| <i>Roseaceae</i> | <i>Prunus</i> (Cherry) | <i>tomentosa</i> | manchu or nanking cherry | 3 | G | S |
| <i>Staphyleaceae</i> | <i>Staphylea</i> | <i>trifolia</i> | Bladdernut | 4 | G | S |
| <i>Acereae</i> | <i>Acer</i> (Maple) | <i>tataricum</i> | Tatarian | 3 | I | S |
| <i>Anacardiaceae</i> | <i>Cotinus</i> (Smoketree) | <i>cogygria</i> | Common | 5a | I | S |
| <i>Betulaceae</i> | <i>Carpinus</i> (Hornbeam) | <i>orientalis</i> | oriental | 5a | I | S |
| <i>Caprifoliaceae</i> | <i>Heptacodium</i> | <i>miconioides</i> | seven -son flower | 5b | I | S |
| <i>Cornaceae</i> | <i>Cornus</i> (Dogwood) | <i>amomum</i> | silky | 4b | I | S |
| <i>Cornaceae</i> | <i>Cornus</i> (Dogwood) | <i>drummondii</i> | giant, roughleaf | 4b | I | S |
| <i>Cornaceae</i> | <i>Cornus</i> (Dogwood) | <i>kousa</i> | kousa | 5a | I | S |
| <i>Cornaceae</i> | <i>Cornus</i> (Dogwood) | <i>mas</i> | corneliancherry | 5a | I | S |
| <i>Fabaceae</i> | <i>Castanea</i> (Chestnut) | <i>pumila</i> | Allegheny, chinquapin | 5a | I | S |
| <i>Fabaceae</i> | <i>Cercis</i> | <i>canadensis</i> | redbud | 5b | I | S |
| <i>Magnoliaceae</i> | <i>Magnolia</i> (Magnolia) | <i>stellata</i> | star | 5a | I | S |
| <i>Rutaceae</i> | <i>Evodia</i> | <i>daniellii</i> | korean evodia | 5b | I | S |
| <i>Roseaceae</i> | <i>Amelanchier</i> (Serviceberry) | <i>arborea</i> | downy | 3 | I-P | S |
| <i>Roseaceae</i> | <i>Amelanchier</i> (Serviceberry) | <i>canadensis</i> | downy | 3 | I-P | S |
| <i>Roseaceae</i> | <i>Amelanchier</i> (Serviceberry) | <i>laevis</i> | Allegheny | 3 | I-P | S |
| <i>Roseaceae</i> | <i>Amelanchier</i> (Serviceberry) | <i>x grandiflora</i> | apple | 3 | I-P | S |

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|------------|-----------------------------|--------------------|---------------------|-----------|-----------|------|
| | | | | Zone | Hardiness | Size |
| Acereae | <i>Acer</i> (Maple) | <i>ginnala</i> | amur | 3 | P | S |
| Acereae | <i>Acer</i> (Maple) | <i>truncatum</i> | shantung | 5 | P | S |
| Betulaceae | <i>Alnus</i> (Alder) | <i>incana</i> | white | 3a | P | S |
| Betulaceae | <i>Alnus</i> (Alder) | <i>rugosa</i> | speckled | 3b | P | S |
| Betulaceae | <i>Corylus</i> (Filbert) | <i>americana</i> | American | 3z | P | S |
| Betulaceae | <i>Corylus</i> (Filbert) | <i>maxima</i> | purple giant | 5b | P | S |
| Betulaceae | <i>Corylus</i> (Filbert) | <i>aveillana</i> | European | 4b | P | S |
| Fabaceae | <i>Caragana</i> | <i>arborescens</i> | pea tree | 2 | P | S |
| Oleaceae | <i>Syringa</i> (Lilac) | <i>pekinensis</i> | Pekin | 4 | P | S |
| Oleaceae | <i>Syringa</i> (Lilac) | <i>reticulata</i> | Japanese tree | 3 | P | S |
| Roseaceae | <i>Crataegus</i> (Hawthorn) | <i>crusgalli</i> | inermis' (cockspur) | 4 | P | S |
| Roseaceae | <i>Crataegus</i> (Hawthorn) | <i>laevigata</i> | English | 5a | P | S |
| Roseaceae | <i>Crataegus</i> (Hawthorn) | <i>mollis</i> | downy | 3 | P | S |
| Roseaceae | <i>Crataegus</i> (Hawthorn) | <i>phaenopyrum</i> | Washington | 4 | P | S |
| Roseaceae | <i>Crataegus</i> (Hawthorn) | <i>punctata</i> | Ohio pioneer | 5 | P | S |
| Roseaceae | <i>Crataegus</i> (Hawthorn) | <i>x lavallei</i> | Lavalle | 5 | P | S |
| Roseaceae | <i>Malus</i> (Crabapple) | <i>sargentii</i> | sargents | 4 | P | S |
| Roseaceae | <i>Malus</i> (Crabapple) | <i>transitoria</i> | Golden Raindrops | 3 | P | S |
| Roseaceae | <i>Malus</i> (Crabapple) | <i>tschonoski</i> | tschonoski | 3 | P | S |
| Roseaceae | <i>Malus</i> (Crabapple) | <i>zumii</i> | calocarpa | 4 | P | S |
| Ulmaceae | <i>Ulmus</i> (Elm) | <i>japonica</i> | Japanese | | | |

Planned Planting

Developed for Tree Commission Academy
Ohio Division of Forestry, Urban Forestry Assistance Program

Key

Keep Safe!

Master Planting Design

- Roadmap for the future
- Plan for entire community regardless of what's there now

Guiding Principles

- Plant the largest sized tree that will fit in the space
- Plant the least hardy tree that will thrive in the space

Supply List

| | | |
|---------------------------|-----------------------------|----------------|
| Community Street Map | Tree List | USI Data Sheet |
| Labeled with street names | Highlighter/10 Kids Markers | Vehicle |
| Labeled N/S/E/ | Pen/Pencil | |

6-26-15
NOTE:
These were the protocols the Tree Commission followed in preparing the Village of Waterville Master Tree Plan.

Step 1: Site Evaluation

Urban Site Index (USI) & Size
Field Collection Form
10 Site Groups

| Site Quality | Good 16-20 USI | Intermediate 10-15 USI | Poor 6-9 USI | No Tree 0-5 |
|--|-------------------|---------------------------|-----------------|----------------|
| >8 Feet Wide & no overhead primary electric | Large Tree | Large Tree | Large Tree | |
| 6-8 Feet Wide & no overhead primary electric | Medium Tree | Medium Tree | Medium Tree | |
| 4-6 Feet Wide or primary overhead electric | Small Tree | Small Tree | Small Tree | |

Step 2: Identify Streets/Blocks with same Site Constraints

Highlight like streets with same colors (may use chart above for your color code)

- Intermediate Large
- Intermediate Medium
- Intermediate Small
- Poor Large (Salt)
- Poor Small (Salt)
- Poor Large
- None



6 Segments between species
4 Segments between genus
2 Segments between families

Step 3: Develop Master Tree List (See Division of Forestry List)

Develop list of trees that match the size and Urban Site Index

Example: Good (16)/Large Sites

Large Species

Pair with complimentary Small/Medium Species for @ overhead utility

5-20 Species on list

Push the Envelope to increase diversity

May plant trees that aren't usually on street tree lists

Step 4: Break Blocks into Planting Segments (Usually done in field)

Sets of 7-11 trees per dominant side

Odd numbers

No less than one block

Look for natural breaks

Stop lights/Intersections/Dead Ends

Site constraint change

Some more difficult

Step 5: Assign Tree Groups to Segments

Select from your tree list developed in Step 3

6 Segments between Species

4 Segments between Genus

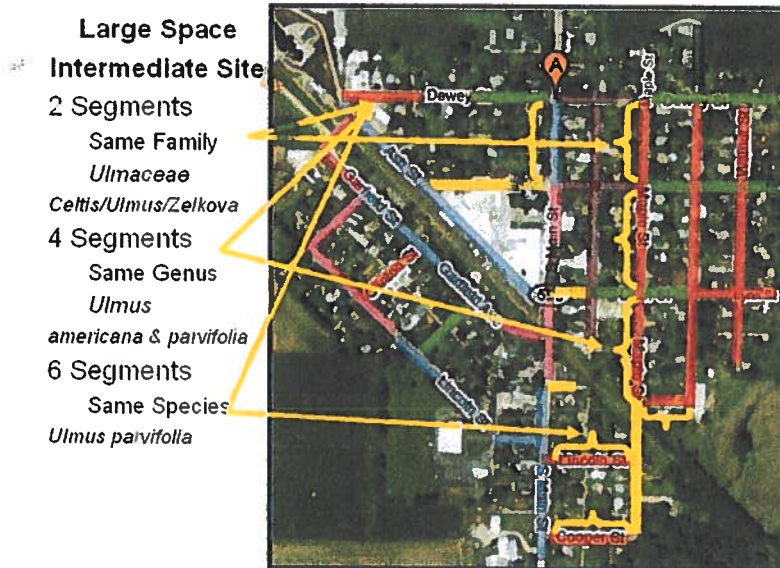
2 Segments between Family

Breaks up similar trees

Tests diversity

Only use cultivar if it has a bearing on site constraint

- i.e. An upright cultivar near a car dealership



Step 6: Transfer Field Data & Tree Assignments to Master Datasheet

Creates written record for reference & management

Prioritizing planting locations

What's annual threshold? (maximum tree sites/year)

Utilize Parking/Curbing Constraints: Plant Primary First

- Clear space definition to no space definition

Main drags/High use areas

Homeowner calls & Adopt-A-Tree programs

- Citizen/community buy in

Avoid planting 2 segments together

- Location/spacing offers additional age diversity

Key To Measurements

Veg: Vegetation

- 0 just bare dirt, gravel or some sort of pavement
- 1 sparse weeds with dirt showing through
- 2 patchy grass and weeds
- 3 good (un-watered) lush grass, some weed are ok.

Surf: Surface compaction

- 0 no soil, pavement
- 1 hard like walking on office carpeting
- 2 moderate like walking on living room carpeting
- 3 soft like walking on well padded stage carpeting

Prob: Shovel or Probe penetration

- 0 does not go into the ground
- 1 goes in but not completely
- 2 goes in but requires lots of effort (12")
- 3 goes in fully with ease

Layer: Soil layers

- 0 no soil
- 1 no top soil, unlayered soil, or a clear separation between layers
- 2 layering in the soil from the old native soil
- 3 good layering of the A-B-C native soil

Speed: Speed limit of street

- 0 50 mph or more
- 1 35 to 49 mph
- 2 less than 35 mph

Lane: Number of traffic lanes on street

- 0 6 lanes or more
- 1 4 lanes
- 2 2 lanes

Park: Type of parking on street

- 1 No parking
- 2 On street parking

Length: Block length between traffic control devices

- 0 More than 1/2 mile
- 1 1/2 to 1/4 mile
- 2 less than 1/4 mile

Size: Size class for tree

- L >8 Feet wide & no overhead primary electric
- M 6-8 Feet wide & no overhead primary electric
- S 4-6 Feet wide OR primary overhead electric

Pri: Priority

- 1 Curb & Sidewalk
- 2 Curb or Sidewalk
- 3 No Curb, No Sidewalk

Site Scores

- 0 to 5 No Tree
- 6-9 Poor
- 10-15 Intermediate
- 16-20 Good

245

winterking green hawthorn
viridis

| | |
|-------------|-----------------------------------|
| OWNER | WILLIAMS, FRED & ASSOCIATES, INC. |
| DESIGNER | WILLIAMS, FRED & ASSOCIATES, INC. |
| DATE | NOV. 1968 |
| SCALE | 1" = 40' |
| PROJECT NO. | 11150 |
| LOT NO. | 11150 |
| SECTION | 11150 |

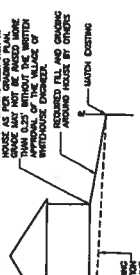


BENCHMARK DATA

COUNTY BENCHMARK NO. 729
 NORTHWEST CORNER STILES ROAD AND HELLER ROAD
 ELEVATION 857.277 (LUCAS CO. DATUM)
 SITE BENCHMARK NO. 1
 MINIMUM ELEVATION AT THE INTERSECTION OF
 HELLER ROAD AND 100' BACK FROM
 ELEVATION 856.14 (LUCAS CO. DATUM)

ZONING REGULATIONS
 R-3
 MINIMUM FRONT YARD SETBACK
 MINIMUM SIDE YARD SETBACK
 MINIMUM REAR YARD SETBACK
 MINIMUM LOT AREA
 MINIMUM LOT WIDTH
 MINIMUM LOT DEPTH

SITE ZONING DATA
 LOCATION: VILLAGE OF WHITEHOUSE
 ZONING DISTRICT: R-3 PUD
 MINIMUM SETBACKS:
 FRONT - 25' SINGLE LOT
 REAR - 25' DOUBLE LOT
 SIDE - 10' DOUBLE LOT
 SUM OF SIDES - 10' SINGLE LOT,
 25' DOUBLE LOT

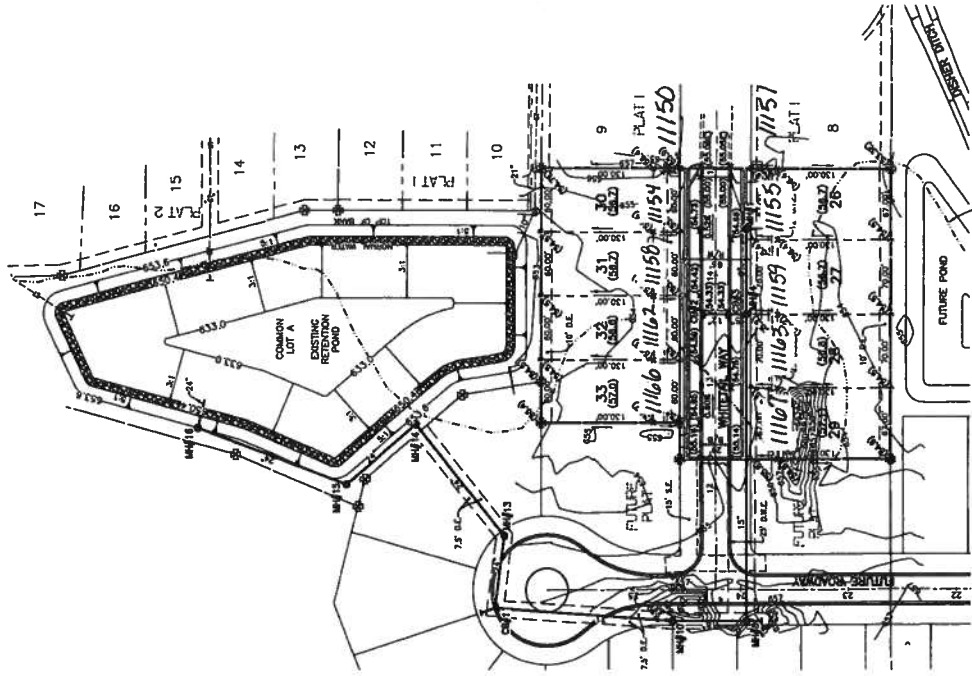


TYPICAL LOT GRADING

NOTE TO HOME BUILDER & PROPERTY OWNER
 This grading plan has been approved by the Village of Whitehouse
 on the basis of the information furnished hereon. It is the
 responsibility of the contractor to verify the accuracy of the
 data and to make any necessary adjustments to the plan
 before construction begins. The contractor shall be
 responsible for obtaining all necessary permits and for
 complying with all applicable laws and regulations.
 Any work done in violation of this plan shall be
 done at the contractor's expense. The contractor
 shall be responsible for obtaining all necessary
 permits and for complying with all applicable laws
 and regulations. The contractor shall be responsible
 for obtaining all necessary permits and for complying
 with all applicable laws and regulations.

SEEDING AND MULCHING
 SEEDING AND MULCHING SHALL BE DONE AS PER SOFT
 SPECIFICATION FROM ESA, USING SEEDING MATURE SOIL
 PERSONAL PREPARATION (LUMINA PERENNIAL) TOP ALSEB
 CAPTURED FROM ALL PROPOSED SEEDING AND MULCHING
 SHALL INCLUDE ALL PROPOSED SEEDING AND MULCHING
 YARD SWALES, FASSETTS, AND ALL DISTURBED AREAS
 WITHIN EXISTING COUNTY AND TOWNSHIP RIGHTS OF WAY.

| SITE VOLUME TABLE (UNADJUSTED) | | | |
|--------------------------------|-------------|-------------|-------------|
| ADJUSTED | CUT (C) | FILL (F) | NET |
| ADJUSTED | (VOL. YDS.) | (VOL. YDS.) | (VOL. YDS.) |
| ADJUSTED | 1,248 | 1,248 | 0 |



Whitehouse Meadows Plat Four

PART OF LOT 6 IN DENNIS ADDITION AS RECORDED IN VOLUME 124, PAGE 47, LUCAS COUNTY PLAT RECORDS, BEING LOCATED IN THE NORTHEAST QUARTER (1/4) OF THE NORTHEAST QUARTER (1/4) OF SECTION THREE (3), TOWN SIX (6) NORTH, RANGE NINE (9) EAST IN THE VILLAGE OF WHITEHOUSE, LUCAS COUNTY, OHIO

PLAT NOTES

The owners of all lots within this plat shall be responsible for the maintenance of the drainage easement area of Common Lot B in the future plats of Whitehouse Meadows. In this regard, all lots of this Plat shall be subject to drainage easements in the future plats of Whitehouse Meadows. The owners of all lots within this plat shall be responsible for the maintenance of the drainage easement area of Common Lot B in the future plats of Whitehouse Meadows. The owners of all lots within this plat shall be responsible for the maintenance of the drainage easement area of Common Lot B in the future plats of Whitehouse Meadows.

The building elevations within the subdivision shall be at least one foot above the 100 year flood elevation. The 100 year flood elevation is calculated at 633.3. The owner of each lot in this plat shall have an equal undivided interest in the Common Lot A and Common Lot B, as shown hereon. The owner of each lot shall be responsible for the maintenance of Common Lot A and Common Lot B, as shown hereon.

DRAINAGE EASEMENT NOTES

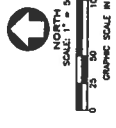
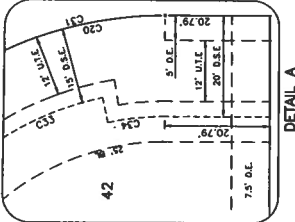
The Plat Contains A Storm Sewer, Culvert, Over Land Open Ditch, Flood Retention Basin, Retention Basin, And/Or Other Storm Water Structure (Herein Referred to as Storm Sewer). The Storm Sewer Rights Appurtenant to this Plat shall be used for the purpose of collecting and conveying storm water. Except for Overlap Areas with a "Sewer Easement". Any Costs Associated with the Maintenance, Repair or Replacement of the Storm Sewer or Storm Sewer Conveyance Structure, That is Located to Allow the Storm Sewer to be Maintained, Repaired or Replaced, Shall be the Responsibility of the Owner of Said Utility, Facility or Structure. The Storm Sewer Conveyance Structure, Located to Allow the Storm Sewer to be Maintained, Repaired or Replaced, Shall be the Responsibility of the Owner of Said Utility, Facility or Structure. The Storm Sewer Conveyance Structure, Located to Allow the Storm Sewer to be Maintained, Repaired or Replaced, Shall be the Responsibility of the Owner of Said Utility, Facility or Structure.

SIDEWALK NOTE

The sidewalk shall be four (4) inches in depth except at drives where six (6) inch depth will be provided for the full width of the driveway. The sidewalk shall be constructed at the lot owner's expense, to keep and maintain the sidewalk adjacent to his/her lot in a good and sufficient manner and to clear the sidewalk of snow, ice, dirt and any other obstruction. The owner shall indemnify and hold the Village of Whitehouse and Lucas County harmless from any liability to any person his/her neglect, failure or refusal in performing such duty.

TOLEDO EDISON UNDERGROUND UTILITY EASEMENT

Midland Agency of Northwest Ohio, Inc., Trustee, Owner of the herein platted land, do hereby grant unto The Toledo Edison Company, its successors and assigns (hereinafter referred to as the Grantee) the right, without liability, to install, maintain, operate and use of such locations on the Grantee's premises. Said easement shall be used for the purpose of installing, maintaining, operating and using such locations on the Grantee's premises. Said easement shall be used for the purpose of installing, maintaining, operating and using such locations on the Grantee's premises.



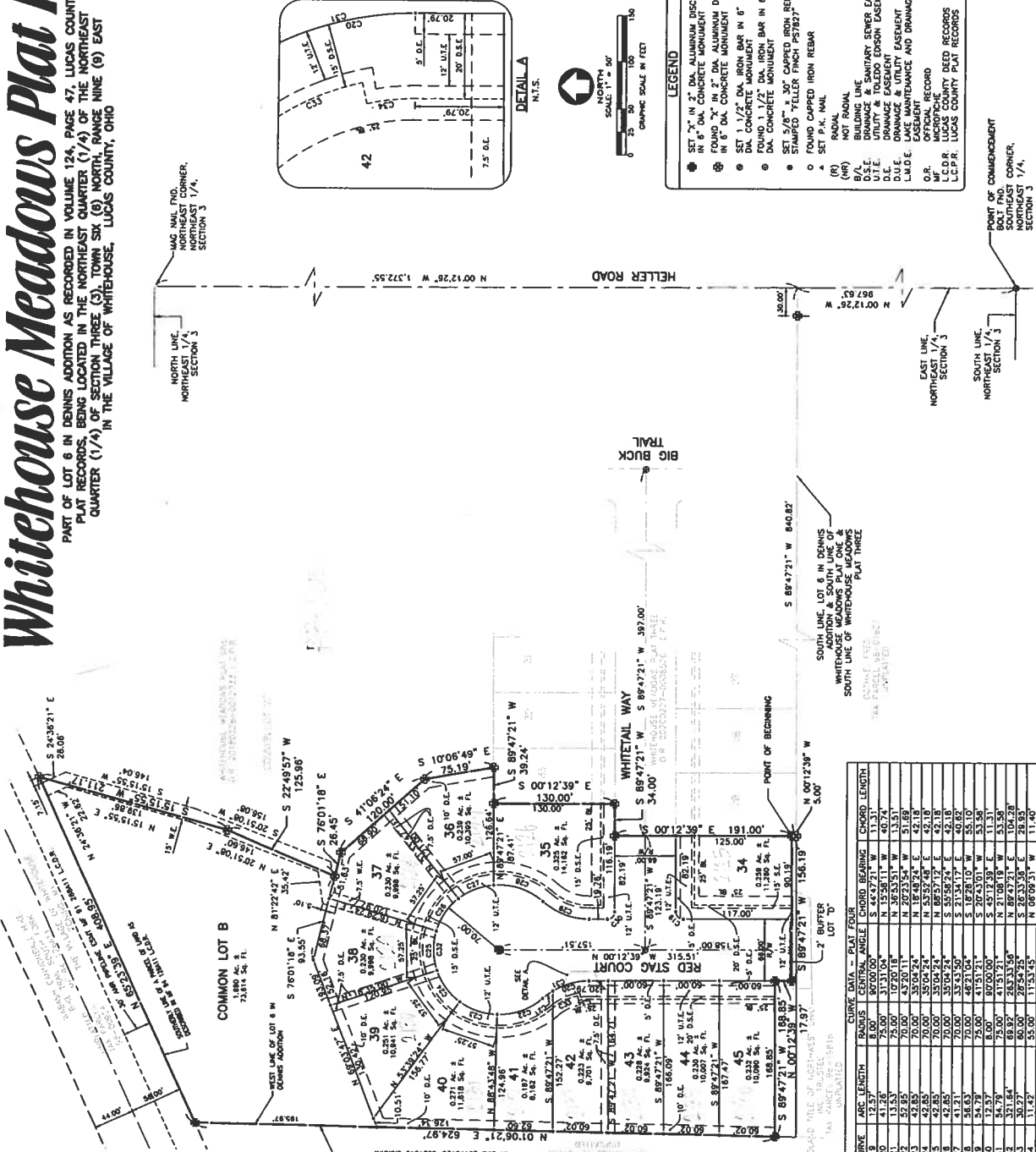
LEGEND

- SET 2" IN 2" DIA ALUMINUM DISC
- ⊙ FOUND 2" IN 2" DIA ALUMINUM DISC
- ⊙ 6" DIA CONCRETE MONUMENT
- ⊙ 8" DIA CONCRETE MONUMENT
- ⊙ FOUND 1 1/2" DIA IRON BAR IN 6"
- SET 5/8" X 30" CAPPED IRON REBAR
- STAMPED TELLER FINCH PS7827
- ⊙ FOUND CAPPED IRON REBAR
- (M) FOUND 1/2" DIA IRON BAR IN 6"
- (B) FOUND 1/2" DIA IRON BAR IN 6"
- B/A BUILDING LINE
- D.S.E. DRAINAGE & SANITARY SEWER EASEMENT
- U.T.E. UTILITY & TOLEDO EDISON EASEMENT
- D.U.E. DRAINAGE & UTILITY EASEMENT
- L.M.D.E. LAKE MAINTENANCE AND DRAINAGE EASEMENT
- G.S. GROUND SURFACE
- M.F. MICROPHONE RECORD
- L.C.D.R. LUCAS COUNTY DEED RECORDS
- L.C.P.R. LUCAS COUNTY PLAT RECORDS

Feller Finch
ASSOCIATES, INC.
 Engineers - Surveyors
 1633 Woodlands Drive, Maumee, Ohio 43537
 Phone: (419) 862-3886
 Fax: (419) 862-3882
 www.fellerfinch.com

POINT OF COMMENCEMENT

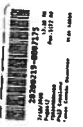
BOLT P.N.D. CORNER
 NORTHEAST 1/4,
 SECTION 3



| CURVE | ARC LENGTH | RADIUS | CENTRAL ANGLE | CHORD BEARING | CHORD LENGTH |
|-------|------------|--------|---------------|----------------|--------------|
| C01 | 41.26 | 73.00 | 31.31 004 | N 15258.111° W | 40.74 |
| C02 | 13.53 | 70.00 | 10.70 18 | N 39253.511° W | 13.51 |
| C03 | 52.85 | 70.00 | 43.20 11 | N 29235.4° W | 51.69 |
| C04 | 42.85 | 70.00 | 35.04 24 | N 18492.4° W | 42.18 |
| C05 | 42.85 | 70.00 | 35.04 24 | N 69257.19° E | 42.18 |
| C06 | 42.85 | 70.00 | 35.04 24 | S 5559.24° E | 42.18 |
| C07 | 41.71 | 70.00 | 33.53 50 | S 21341.77° E | 40.82 |
| C08 | 54.78 | 73.00 | 41.51 51 | S 20643.011° W | 53.94 |
| C09 | 12.57 | 8.00 | 80.00 00 | S 45172.98° E | 11.31 |
| C10 | 54.78 | 75.00 | 41.51 51 | N 21068.18° W | 53.55 |
| C11 | 30.37 | 80.00 | 23.33 39 | S 86473.31° E | 104.29 |
| C12 | 30.37 | 80.00 | 23.33 39 | N 86473.31° E | 104.29 |
| C13 | 11.42 | 55.00 | 11.53 45 | N 80269.51° W | 11.40 |

Steeplechase at Whitehouse Plat Six

BEING PART OF THE NORTHEAST 1/4 OF SECTION 36,
TOWN 7 NORTH, RANGE 9 EAST IN THE VILLAGE OF
WHITEHOUSE, LUCAS COUNTY, OHIO

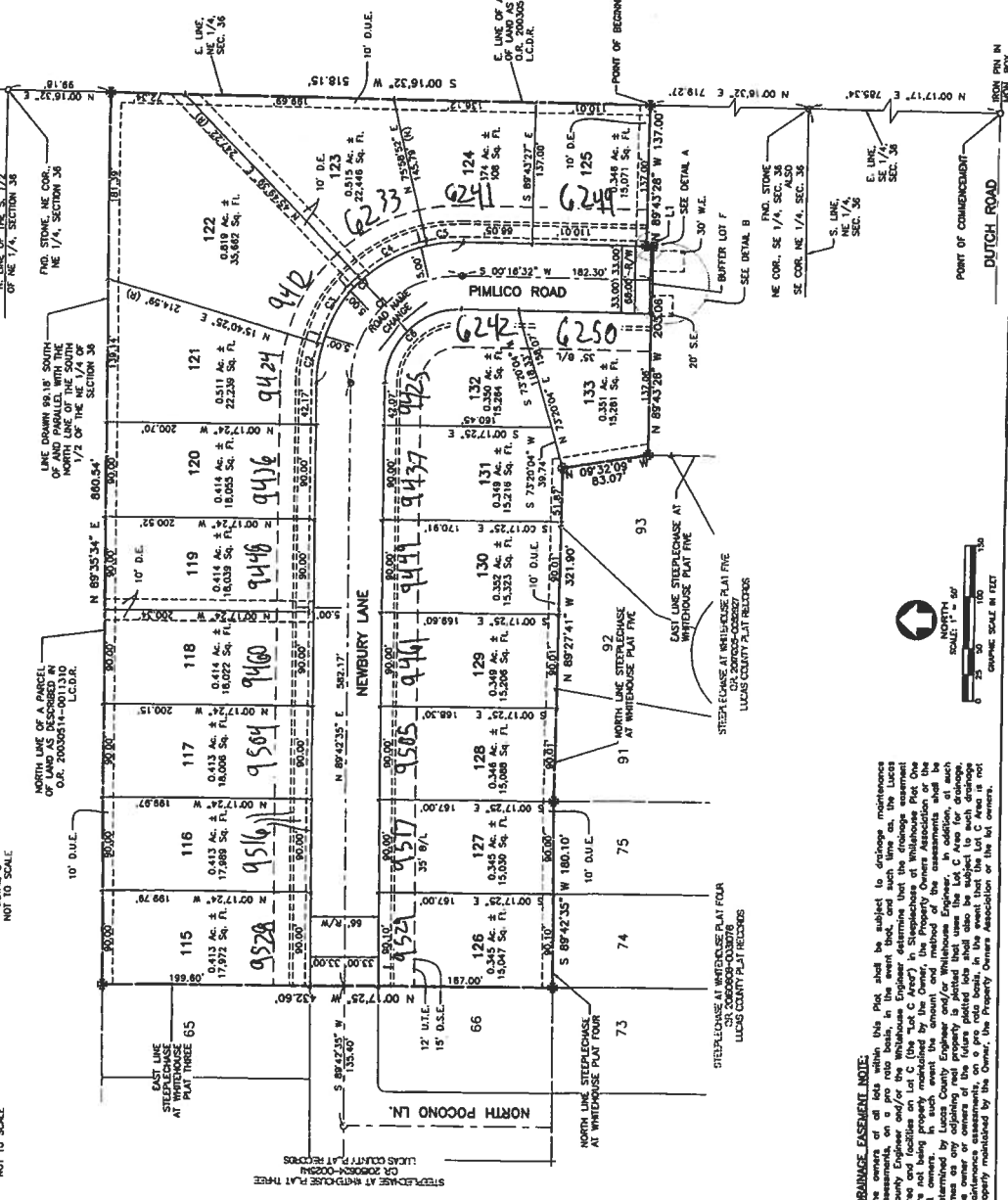


| LINE | BEARING | DISTANCE |
|------|---------------|----------|
| L1 | S 00°16'32" W | 20.00 |
| L2 | S 89°43'28" E | 30.00 |
| L3 | S 00°16'32" W | 30.00 |
| L4 | N 00°16'32" E | 30.00 |
| L5 | S 89°43'28" E | 30.00 |
| L6 | S 00°16'32" W | 30.00 |
| L7 | N 00°16'32" E | 30.00 |

- LEGEND**
- SET 3" IN 2" DIA. ALUMINUM DISC IN 6" DIA. CONCRETE MONUMENT
 - FOUND CONCRETE MONUMENT
 - SET 1 1/2" DIA. IRON BAR IN 6" DIA. CONCRETE MONUMENT
 - FOUND CONCRETE MONUMENT
 - SET 1/2" DIA. IRON REBAR
 - FOUND 1/2" DIA. IRON REBAR
 - AT&T = AMERICAN TELEPHONE & TELEGRAPH EASEMENT
 - S.E. = SANITARY SEWER EASEMENT
 - U.T.E. = UTILITY & TOLEDO Edison EASEMENT
 - B/A = BUILDING EASEMENT
 - O.R. = OFFICIAL RECORD
 - D.E. = DRAINAGE & UTILITY EASEMENT
 - W.E. = WATERSHED EASEMENT

CURVE DATA

| CURVE | ARC LENGTH | CHORD BEARING | CHORD LENGTH |
|-------|------------|---------------|--------------|
| C1 | 185.97 | S 89°43'28" E | 185.97 |
| C2 | 38.45 | S 89°43'28" E | 38.45 |
| C3 | 72.03 | S 89°43'28" E | 72.03 |
| C4 | 34.53 | S 89°43'28" E | 34.53 |
| C5 | 13.81 | S 89°43'28" E | 13.81 |
| C6 | 218.13 | S 89°43'28" E | 218.13 |
| C7 | 185.97 | S 89°43'28" E | 185.97 |



DETAIL A
NOT TO SCALE

DETAIL B
NOT TO SCALE

DETAIL C
NOT TO SCALE

DETAIL D
NOT TO SCALE

DETAIL E
NOT TO SCALE

DETAIL F
NOT TO SCALE

DETAIL G
NOT TO SCALE

DETAIL H
NOT TO SCALE

DETAIL I
NOT TO SCALE

DETAIL J
NOT TO SCALE

DETAIL K
NOT TO SCALE

DETAIL L
NOT TO SCALE

DETAIL M
NOT TO SCALE

DETAIL N
NOT TO SCALE

DRAINAGE EASEMENT NOTE:
The owners of all lots within this Plat shall be subject to drainage easements, on a pro rata basis, in the event that such lots on the Lucas County Plat Six are not being properly maintained by the Owner. The Property Owners Association shall be responsible for the maintenance of the drainage easements. In such event the amount and method of the assessments shall be determined by the Property Owners Association. The amount of such assessments shall be based on the fair market value of the lots. The amount of such assessments shall also be subject to such drainage easements as may be shown on the Lucas County Plat Six. The amount of such assessments shall be based on the fair market value of the lots. The amount of such assessments shall also be subject to such drainage easements as may be shown on the Lucas County Plat Six.

PLAT NOTE:
This plat is located outside of the 500 year flood plain area (Zone V) according to the Flood Insurance Rate Map Numbers 50052021E, dated August 16, 2011.

SIDEWALK NOTE:
The owner of each lot shall provide five (5) foot sidewalks along all street frontages within the subdivision where required. The sidewalks shall be four (4) inches in depth and shall be constructed of concrete. The sidewalks shall be provided for the full width of the drive. It is the duty of each owner to maintain the sidewalks in good and proper repair. The sidewalks shall be adjacent to the lot in a good and proper manner. The sidewalks shall be adjacent to the lot in a good and proper manner. The sidewalks shall be adjacent to the lot in a good and proper manner.

TOLEDO EDISON UNDERGROUND UTILITY EASEMENT:
We, Helmet Development Co., LLC, Owners of the herein plat, do hereby refer to the Toledo Edison Company, their successors and assigns (hereinafter referred to as "TED") the right-of-way and easement for the installation, maintenance and repair of overhead and underground electric cables, ducts, conduits, surfaces or hardware and related such underground facilities, concrete pads and other facilities on or deemed necessary or convenient for such locations as TED may determine. Said easement shall be for public use and shall not be restricted to underground utility service.

1883 Woodland Drive, Adams, Ohio 45237
Feller Finch
A ASSOCIATES, INC.
Engineers - Surveyors
Phone: (614) 882-3550
Fax: (614) 882-2982
www.fellerfinch.com

Steeplechase at Whitehouse Plat Seven

BEING PART OF THE NORTHEAST 1/4 OF SECTION 36,
TOWN 7 NORTH, RANGE 9 EAST IN THE VILLAGE OF
WHITEHOUSE, LUCAS COUNTY, OHIO

LEGEND

- SET 3" IN 2" DIA ALUMINUM DISC
 - ⊕ FOUND CONCRETE MONUMENT
 - ⊙ SET 1 1/2" DIA IRON BAR IN 6"
 - ⊕ FOUND 1 1/2" DIA IRON BAR IN 6"
 - ⊙ DIA CONCRETE MONUMENT
 - SET 1 1/2" DIA IRON REBAR
 - ⊕ FOUND 1 1/2" DIA IRON REBAR
- D.S.E. = DRAINAGE & SANITARY SEWER EASEMENT
U.T.E. = UTILITY EASEMENT
E.D.E. = EGRESS EASEMENT
D.E. = DRAINAGE EASEMENT
B/L = BUILDING LINE
C.R. = OFFICIAL RECORD
W.L. = WATERLINE EASEMENT

| CURVE | ARC LENGTH | BEARING | CHORD BEARINGS | CHORD LENGTH |
|-------|------------|---------------|----------------|--------------|
| C1 | 12.57' | S 44°13'58" E | S 44°13'58" E | 11.31' |
| C2 | 183.50' | N 00°00'00" E | N 00°00'00" E | 183.50' |
| C3 | 113.50' | N 88°43'28" E | N 88°43'28" E | 113.50' |
| C4 | 113.50' | S 88°43'28" E | S 88°43'28" E | 113.50' |
| C5 | 113.50' | S 88°43'28" E | S 88°43'28" E | 113.50' |
| C6 | 44.09' | N 80°13'37" E | N 80°13'37" E | 43.90' |
| C7 | 80.93' | N 33°35'54" E | N 33°35'54" E | 78.77' |
| C8 | 90.40' | N 18°02'38" E | N 18°02'38" E | 88.79' |

| LINE | BEARING | DISTANCE |
|------|---------------|----------|
| L1 | N 89°42'35" E | 3.88' |
| L2 | N 89°42'35" E | 3.88' |
| L3 | N 00°16'32" E | 0.84' |

DRAINAGE EASEMENT NOTE:

The owners of all lots within this Plat shall be subject to drainage, maintenance assessments, on a pro rata basis, in the event that, and such time as, the Lucas County Engineer and/or the Whitehouse Engineer determine that the drainage easement is necessary for the drainage of the property. The assessments shall be made on the lot owners. In such event the amount and method of the assessments shall be determined by the Lucas County Engineer and the Whitehouse Engineer. In addition, all such lots as are shown on this Plat shall be subject to drainage easements, on a pro rata basis, in the event that the Lot C Area is not properly maintained by the Owner, the Property Owners Association or the Lot owner.

IOLEDO EDISON UNDERGROUND UTILITY EASEMENT

We, Helmut Development Co., U.C. Owners of the herein plotted land, do hereby grant unto The Toledo Edison Company, their successors and assigns (hereinafter referred to as the Grantee) a non-exclusive, permanent right-of-way and easement and (a) existing with order, over and through all lots and all land shown herein, construct, place, operate, maintain, repair, reconstruct and relocate such underground electric cables, ducts, conduits, surfaces or below ground mounted transformers and appurtenant structures, and (b) install, maintain, repair, reconstruct and relocate such electric lines for distributing and transmitting electricity, for public and private use by the Grantee as Grantee may determine, upon, within and across the easement hereby granted, including the right to install, maintain, repair, reconstruct and relocate trees and landscaping including items within said easement premises which may interfere with the installation, maintenance, repair, or operation of electric current and lines, and to remove or replace any such items as may be necessary to carry out the intended purposes for exercising any of the purposes of this right-of-way and easement grant. All lots and all lands shall be restricted to underground utility service.

PLAT NOTE:

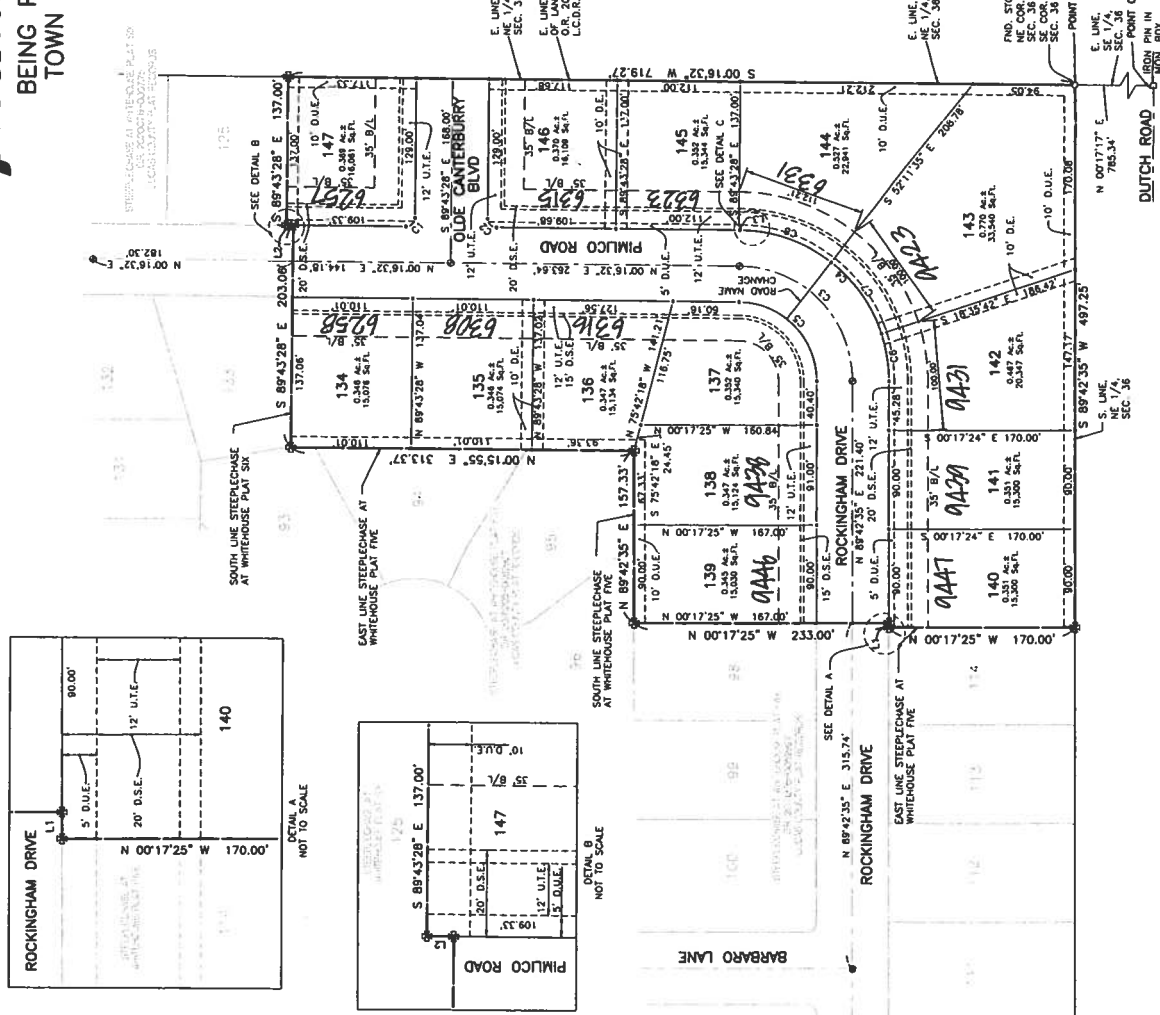
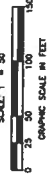
This plat is located outside of the 500 year flood plain area (Zone X) according to the Flood Insurance Rate Map Numbers 390950219E, dated August 16, 2011.

SIDEWALK NOTE:

The owner of each lot shall provide five (5) foot sidewalks along all street frontage within the subdivision where required. The sidewalks shall be four (4) inches in depth and shall be constructed of concrete. The sidewalks shall be set back from the street frontage of each lot owner, at his/her own expense, to meet the minimum requirements of the City of Whitehouse. It is the duty of each lot owner, at his/her own expense, to maintain the sidewalk adjacent to his/her lot in a good and sufficient manner and to clear the sidewalk of snow, ice, dirt and any other debris within twenty-four (24) hours after a snowfall or other weather condition. The City of Whitehouse and Lucas County reserves from any liability to any person for his/her neglect, failure or refusal in performing such duty.

FellerFitch
ASSOCIATES, INC.
Engineers • Surveyors

1633 Woodlands Drive, Maumee, Ohio 43537
Phone: (419) 863-3600
Fax: (419) 863-3682
www.fellerfitch.com



WITTE WALK

IN THE

NE 1/4 - SECTION 35 - TOWN 7 NORTH, RANGE 9 EAST
VILLAGE OF WHITEHOUSE, LUCAS COUNTY, OHIO

Parcel 93-00003
Janis M Witte, Tr.

LOT RW Curve DATA

| Curve | Delta Angle | Radius | Ac | Tangent | Chord | Chord Bearing |
|-------|-------------|--------|--------|---------|--------|---------------|
| 1 | 10°56'17" | 333.00 | 63.57 | 31.86 | 63.48 | S 96°10'30"W |
| 2 | 25°48'54" | 333.00 | 150.13 | 76.36 | 148.86 | S 67°38'24"W |
| 3 | 4°48'49" | 333.00 | 27.96 | 14.00 | 27.97 | S 52°19'03"W |
| 4 | 16°48'00" | 177.20 | 51.96 | 26.17 | 51.77 | S 58°18'38"W |
| 5 | 24°50'40" | 467.00 | 102.87 | 51.77 | 200.92 | S 79°07'58"W |
| 6 | 57°32'35" | 50.00 | 50.22 | 27.46 | 48.13 | N 59°40'25"W |
| 7 | 77°21'48" | 70.00 | 88.41 | 51.20 | 82.65 | N 67°05'01"W |
| 8 | 50°57'02" | 70.00 | 62.11 | 33.26 | 90.71 | S 51°19'03"W |
| 9 | 104°48'42" | 70.00 | 127.89 | 90.71 | 110.83 | S 26°26'27"E |
| 10 | 41°48'42" | 70.00 | 51.08 | 26.74 | 49.96 | N 80°18'42"E |
| 11 | 32°08'57" | 50.00 | 28.05 | 14.408 | 27.689 | N 75°28'57"E |
| 12 | 61°59'28" | 533.00 | 65.03 | 32.56 | 64.99 | N 88°03'34"E |
| 13 | 14°49'56" | 533.00 | 137.88 | 69.38 | 137.58 | N 77°08'57"E |
| 14 | 3°01'17" | 533.00 | 23.11 | 14.06 | 23.10 | N 69°13'16"E |
| 15 | 16°48'00" | 243.20 | 71.31 | 35.91 | 71.05 | N 68°18'38"E |
| 16 | 10°38'57" | 267.00 | 49.63 | 24.86 | 49.55 | N 55°14'07"E |
| 17 | 30°56'53" | 267.00 | 144.15 | 73.86 | 142.81 | N 17°01'37"E |
| 18 | 04°09'57" | 100.00 | 7.27 | 3.64 | 7.27 | N 22°34'23"E |
| 19 | 22°40'50" | 100.00 | 39.58 | 20.06 | 39.33 | N 09°09'00"E |

LOT Ditch Curve DATA

| Curve | Delta Angle | Radius | Ac | Tangent | Chord | Chord Bearing |
|-------|-------------|--------|--------|---------|--------|---------------|
| 1 | 10°56'17" | 333.00 | 63.57 | 31.86 | 63.48 | S 96°10'30"W |
| 2 | 25°48'54" | 333.00 | 150.13 | 76.36 | 148.86 | S 67°38'24"W |
| 3 | 4°48'49" | 333.00 | 27.96 | 14.00 | 27.97 | S 52°19'03"W |
| 4 | 16°48'00" | 177.20 | 51.96 | 26.17 | 51.77 | S 58°18'38"W |
| 5 | 24°50'40" | 467.00 | 102.87 | 51.77 | 200.92 | S 79°07'58"W |
| 6 | 57°32'35" | 50.00 | 50.22 | 27.46 | 48.13 | N 59°40'25"W |
| 7 | 77°21'48" | 70.00 | 88.41 | 51.20 | 82.65 | N 67°05'01"W |
| 8 | 50°57'02" | 70.00 | 62.11 | 33.26 | 90.71 | S 51°19'03"W |
| 9 | 104°48'42" | 70.00 | 127.89 | 90.71 | 110.83 | S 26°26'27"E |
| 10 | 41°48'42" | 70.00 | 51.08 | 26.74 | 49.96 | N 80°18'42"E |
| 11 | 32°08'57" | 50.00 | 28.05 | 14.408 | 27.689 | N 75°28'57"E |
| 12 | 61°59'28" | 533.00 | 65.03 | 32.56 | 64.99 | N 88°03'34"E |
| 13 | 14°49'56" | 533.00 | 137.88 | 69.38 | 137.58 | N 77°08'57"E |
| 14 | 3°01'17" | 533.00 | 23.11 | 14.06 | 23.10 | N 69°13'16"E |
| 15 | 16°48'00" | 243.20 | 71.31 | 35.91 | 71.05 | N 68°18'38"E |
| 16 | 10°38'57" | 267.00 | 49.63 | 24.86 | 49.55 | N 55°14'07"E |
| 17 | 30°56'53" | 267.00 | 144.15 | 73.86 | 142.81 | N 17°01'37"E |
| 18 | 04°09'57" | 100.00 | 7.27 | 3.64 | 7.27 | N 22°34'23"E |
| 19 | 22°40'50" | 100.00 | 39.58 | 20.06 | 39.33 | N 09°09'00"E |

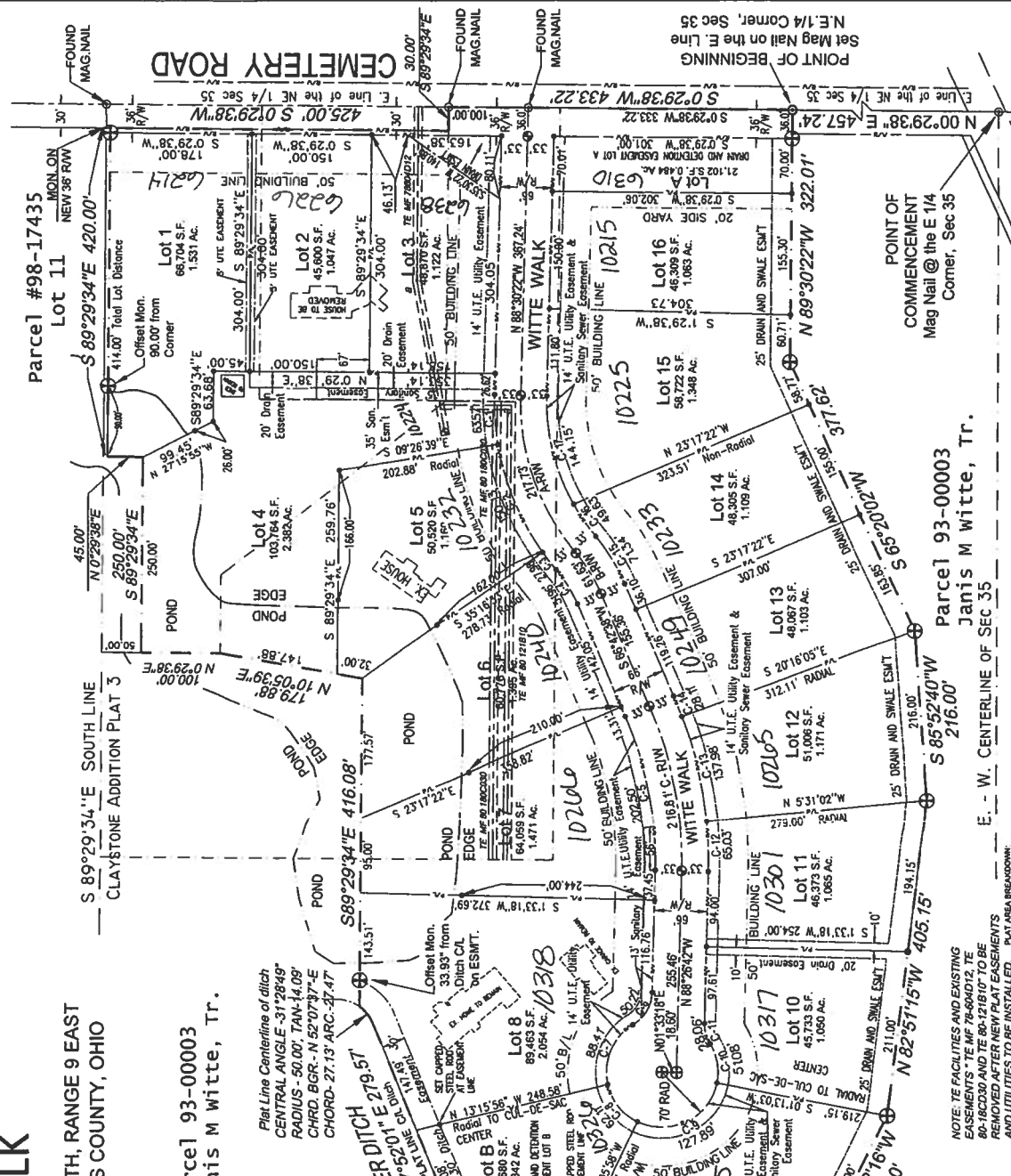


LEGEND

- ⊙ MAG NAIL FOUND
- ⊙ MAG NAIL SET
- ⊕ CONCRETE MONUMENT SET
- ⊕ CONCRETE MONUMENT REFERENCED
- ⊕ CAPPED ROD SET
- - - PRIOR LOT LINE

CENTERLINE RW Curve DATA

| R/W Curve | Delta Angle | Radius | Ac | Tangent | Chord | Chord Bearing |
|-----------|-------------|--------|--------|---------|--------|---------------|
| A-R/W | 41°35'00" | 300.00 | 217.73 | 113.91 | 212.98 | S 70°42'08"W |
| B-R/W | 16°48'00" | 210.20 | 61.63 | 31.04 | 61.41 | S 58°18'38"W |
| C-R/W | 24°50'40" | 500.00 | 216.81 | 110.14 | 215.11 | S 79°07'58"W |



NOTE: THE FACILITIES AND EXISTING EASEMENTS * ARE SHOWN ON PLAT 93-00003 AND TE 80-18CCD30 AND TE 80-1218107 TO BE REMOVED AFTER NEW PLAT EASEMENTS AND UTILITIES TO BE INSTALLED.

PLAT AREA RESERVATIONS: 1. ALL AREAS SHOWN ON THIS PLAT ARE RESERVED TO THE STATE OF OHIO. 2. ALL AREAS SHOWN ON THIS PLAT ARE RESERVED TO THE COUNTY OF LUCAS. 3. ALL AREAS SHOWN ON THIS PLAT ARE RESERVED TO THE CITY OF WHITEHOUSE.

Parcel 93-00003
Janis M Witte, Tr.

E - W. CENTERLINE OF SEC 35