

## CITY of NOVI CITY COUNCIL

## Agenda Item I January 26, 2015

SUBJECT: Approval of a Storm Drainage Facility Maintenance Easement Agreement from Pulte Land Company, LLC, for the Liberty Park Multi-Family Residential Phase I development located at the northeast corner of Twelve Mile Road and Declaration Drive.
SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division 37C
CITY MANAGER APPROVAL:


## BACKGROUND INFORMATION:

The developer for the Liberty Park Multi-Family Residential Phase I, Pulte Land Company, LLC., requests approval of the Storm Drainage Facility Maintenance Easement Agreement for the new residential development project, located at the northeast corner of Twelve Mile Road and Declaration Drive, as shown on the attached map.

The Storm Drainage Facility Maintenance Easement Agreement is a requirement of the Storm Water Management Ordinance and details the responsibilities of the property owner (Homeowners Association) to properly maintain their privately owned on-site storm water system. The agreement also contains a provision that permits the city to perform maintenance on the privately owned onsite storm water system should the property owner fail to do so at the expense of the property owner.

In this particular case, the property owner owns and agrees to maintain the storm water detention basin and is providing an access easement to the basin. The owner is also responsible for maintaining the pipes, manholes and open channels leading to and from the on-site storm water system.

The enclosed agreement has been favorably reviewed by City Staff and the City Attorney (Beth Saarela's January 12, 2015 letter, attached) and is recommended for approval.

RECOMMENDED ACTION: Approval of a Storm Drainage Facility Maintenance Easement Agreement from Pulte Land Company, LLC, for the Liberty Park Multi-Family Residential Phase I development located at the northwest corner of Twelve Mile Road and Declaration Drive.

|  | 1 | 2 | Y | N |
| :--- | :--- | :--- | :--- | :--- |
| Mayor Gatt |  |  |  |  |
| Mayor Pro Tem Staudt |  |  |  |  |
| Council Member Casey |  |  |  |  |
| Council Member Markham |  |  |  |  |


|  | 1 | 2 | Y | N |
| :--- | :--- | :--- | :--- | :--- |
| Council Member Mulch |  |  |  |  |
| Council Member Poupard |  |  |  |  |
| Council Member Wrobel |  |  |  |  |



Map Author: Brian Coburn
Date: 1/16/15
Project:
Version \#
Amended B
Date:
Departmen


## City of Novi

Engineering Division Department of Public Services 26300 Lee BeGole Drive Novi, MI 48375 cityofnovi.org

JOHNSON ROSATI SCHULTZ JOPPICH PC
27555 Executive Drive Suite 250 ~ Farmington Hills, Michigan 48331
Phone: 248.489.4100|Fax: 248.489.1726

January 12, 2015

Adam Wayne, Construction Engineer
CITY OF NOVI
Department of Public Services
Field Services Complex
26300 Lee BeGole Drive
Novi, MI 48375

## Re: Liberty Park Multi-Family Ph I - SP04-39 Review for Acceptance - Utilities

Dear Mr. Wayne:
We recently received the enclosed Bills of Sale and Storm Drainage Facility Maintenance Easement Agreement for Liberty Park Multi-Family Ph I - SP04-39.

A comparison of the documents submitted shows that similar documents for this Phase of the Liberty Park Development were submitted and approved in 2012. A brief review of Oakland County Records shows that although several easements have been recorded for the site, the enclosed versions do not appear to be of record yet. Copies of the approval letters are enclosed. We note that the Clerk's Office should have the originals, and if they have not been finalized, the Water and Sanitary Sewer System Easements may be recorded upon your issuance of an Affidavit Regarding Acceptance. Furthermore, the Storm Drainage Facility Maintenance Easement Agreement may be sent to City Council for approval.

Please feel free to contact me with any questions or concernsin regard to this matter.


Adam Wayne, Construction Engineer
January 12, 2015
Page 2

C: $\quad$ Maryanne Cornelius, Clerk
Charles Boulard, Community Development Director
Barb McBeth, Deputy Community Development Director
Sheila Weber, Treasurer's Office
Kristin Pace, Treasurer's Office
Aaron Staup, Construction Engineering Coordinator
Sarah Marchioni, Building Permit Coordinator
Sue Troutman, City Clerk's Office
Thomas R. Schultz, Esquire

STORM DRAINAGE FACILITY
MAINTENANCE EASEMENT AGREEMENT

THIS EASEMENT AGREEMENT is made this $\qquad$ day of $\qquad$ , 2014, by and between Pulte Land Company, LLC, a Michigan limited liability company, whose address is 100 Bloomfield Parkway, Bloomfield Hills, Michigan 48304 (hereinafter the "Developer"), and the City of Novi, its successors, assigns, or transferees, whose address is 45175 W . Ten Mile Road, Novi, MI 48375 (hereinafter the "City").

RECITATIONS:
A. Developer established Liberty Park, Oakland County Condominium Subdivision Plan No. 1703 ("Development"), by recording a Master Deed, Bylaws and Condominium Subdivision Plan on January 11, 2005 in Liber 34747, Pages 751 through 825, inclusive, Oakland County Records, as amended (the "Property"). Developer has received final site plan approval for construction Development.
B. The Development shall contain certain storm drainage, detention and/or retention facilities, including but not limited to, a detention/sedimentation basin, for the collection, conveyance, storage, treatment and/or discharge of storm water from the Property in accordance with all approved plans, and all applicable ordinances, laws and regulations.

NOW, THEREFORE, the Developer hereby covenants and agrees that the Developer shall, at its own expense, perpetually preserve, maintain, and repair all storm drainage, detention and retention facilities, including all wetlands which are part of the system, to insure that the same continue to function as intended. The Developer shall establish a regular and systematic program of maintenance (the "Schedule of Maintenance") for such facilities and areas to insure that the physical condition and intended function of such areas and facilities shall be preserved and maintained. The Schedule of Maintenance and the annual estimated costs for maintenance and repairs for the first three (3) years are described in the attached Exhibit A.

In the event that the Developer shall at any time fail to carry out the responsibilities specified within this agreement, and/or in the event of a failure to preserve and/or maintain the storm water drainage, detention and retention facilities in reasonable order and condition, the City may serve written notice upon the Developer setting forth the deficiencies in maintenance and/or preservation along with a demand that the deficiencies be cured within a stated reasonable time period, and the date, time and place for a hearing before the City for the purpose of allowing Developer an opportunity to be heard as to why the City should not proceed with the correction of the deficiency or obligation which has not been undertaken or properly fulfilled. At any such hearing, the time for curing and the hearing itself may be extended and/or continued to a date certain. If, following such hearing, the person conducting the hearing shall determine that the obligation has not been fulfilled or failure corrected within the time specified in the notice, as determined by the City in its reasonable discretion, the City shall thereupon have the power and authority, but not the obligation, to enter upon the Property, or cause its agents or contractors to enter the Property through the Ingress/Egress Easement Area as described and depicted in Exhibit B and perform such obligation or take such corrective measures as reasonably found by the City to be appropriate or necessary with respect to the detention/sedimentation basin within the Detention/Sedimentation Basin Easement Area described and depicted in Exhibit C, for the purposes described above. The cost and expense of making and financing such actions by the City, including notices by the City and reasonable legal fees incurred by the City, plus an administrative fee in an amount equivalent to twenty-five ( $25 \%$ ) percent of the total of all such costs and expenses incurred, shall be paid by Developer within thirty (30) days of a billing to the Developer. All unpaid amounts may be placed on the delinquent tax roll of the City as to the Property, and shall accrue interest and penalties, and shall be collected as, and deemed delinquent real property taxes, according to the laws made and provided for the collection of delinquent real property taxes. In the discretion of the City, such costs and expenses may be collected by suit initiated against the Developer, and, in such event, the Developer shall pay all court costs and reasonable attorney fees incurred by the City in connection with such suit.

The parties hereto make this Agreement on behalf of themselves, their heirs, successors, assigns and transferees, and hereby warrant that they have the authority and capacity to execute this Agreement and bind the property as described in the terms and conditions of this agreement.

Invalidation of any of these covenants or conditions by Judgment or Court Order shall in no way affect the validity of any other provision which shall remain in full force and effect.

This agreement shall run with the land and be binding upon all owners, their agents, heirs, successors, assigns and transferees.

IN WITNESS WHEREOF, Developer has executed this Agreement as of the day and year first above set forth.


## STATE OF MICHIGAN

## COUNTY OF OAKLAND

$\underset{\text { ) }}{\text { ) }}$
Acknowledged before me on December gath, 2014, by Kevin Christafterson, the Authorized Agent of Pulte Land Company, LLC, a Michigan limited liability company, on behalf of the company.

AmaNDA J. YANDERPOOL NOTARY PUBLIC- STATE OF MOHEGAN COUNTY OF OAKLAND


Unvondaf Vanelpos
Notary Public Amanda J. Vanderpod
Oakland County, Michigan
Acting in Oakland County, Michigan
My Commission Expires: March 5,20ZO

By: $\qquad$
Its: $\qquad$

## STATE OF MICHIGAN ) ) SS COUNTY OF OAKLAND )

The foregoing instrument was acknowledged before me on this ___ day of 2014, by, , on behalf of the City of Novi, a Municipal corporation.

Notary Public<br>Oakland County, Michigan<br>Acting in<br>$\qquad$ County<br>My Commission Expires:<br>$\qquad$

Drafted by:
Elizabeth M. Kudla
30903 Northwestern Highway
P.O. Box 3040

Farmington Hills, MI 48333-3040

And when recorded return to:
Maryanne Cornelius, City Clerk
City of Novi
45175 W. Ten Mile Rd
Novi, MI 48375

EXHIBIT "A"
LONG TERM MAINTENANCE OF STORM WATER MANAGEMENT SYSTEM
Townes at Liberty Park, Multifamily Phase 1, Novi I Michigan
The Owner and/or Association shall maintain a log of all inspection and maintenance activities, and make the log available to city personnel as needed.

|  | SYSTEM COMPONENT |  |  |  | BUDGET |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Maintenance Activities | Inlets, Outlets and Gratings | Manufactured Treatment Systems | Buffer Strip | Schedule | Yearly Budget Amount | Budget Amount 1st (3) Years ofoperation |
|  |  |  |  |  |  |  |
| Inspect for sediment accumulation | $\checkmark$ | $\checkmark$ |  | Annually | \$300.00 | \$900.00 |
| Inspect for floatables and debris | $\checkmark$ | $\checkmark$ | $\checkmark$ | Annually and After Major Events | \$400.00 | \$1,200.00 |
| Inspection for erosion | . |  | $\checkmark$ | Annually and After Major Events | \$350.00 | \$1,050.00 |
| Monitor plantings/vegetation |  |  |  | 2 Times Per Year | \$300.00 | \$900.00 |
| Wet weather inspection of structural elements with as-built plans in hand. | $\checkmark$ | $\checkmark$ | $\checkmark$ | Annually | \$500.00 | \$1,500.00 |
| Ensure means of access for maintenance remain clear/open | $\checkmark$ | $\checkmark$ | $\checkmark$ | Annually | \$500.00 | \$1,500.00 |
| Preventativelivaintenance |  |  |  |  |  |  |
| Mowing |  |  | $\checkmark$ | Up to 2 times/year * | \$200.00 | \$600.00 |
| Remove excess sediment | $\checkmark$ | $\checkmark$ |  | As Needed | \$375.00 | \$1,125.00 |
| Remove floatables, dead vegetation and debris | $\checkmark$ | $\checkmark$ |  | As Needed | \$425.00 | \$1,275.00 |
| Remove invasive plant species |  |  | $\checkmark$ | Annually | \$150.00 | \$450.00 |
| Sweeping streets and parking lots |  |  |  | 2 Times Per Year | \$450.00 | \$1,350.00 |
|  |  |  | \% |  |  | W |
| Repair/Stabilize areas of erosion | $\checkmark$ |  | $\checkmark$ | As Needed | \$200.00 | \$600.00 |
| Replaced dead plantings, bushes, trees |  |  | $\checkmark$ | As Needed | \$250.00 | \$750.00 |
| Reseed bare areas |  |  | $\checkmark$ | As Needed | \$100.00 | \$300.00 |
| Structural repairs | $\checkmark$ | $\checkmark$ |  | As Needed | \$200.00 | \$600.00 |
| Make adjustments/repairs to ensure proper functioning | $\checkmark$ | $\checkmark$ | $\checkmark$ | As Needed | \$300.00 | \$900.00 |
| * Not to exceed the length allowed by Local Com | mmunity ordinance |  |  |  |  |  |

## EXHIBIT B <br> INGRESS/EGRESS EASEMENT AREA

## DESCRIPTION OF A 20.00 FOOT WIDE EASEMENT FOR INGRESS/EGRESS

Commencing at the South $1 / 4$ corner of Section 10, T1N, R8E, City of Novi, Oakland County, Michigan; thence S $86^{\circ} 55^{\prime} 25^{\prime \prime} \mathrm{W} 2674.38$ feet along the centerline of Twelve Mile Road (variable width) and the South line of said Section 10; thence N $02^{\circ} 55^{\prime} 25^{\prime \prime} \mathrm{W} 150.00$ feet along the West line of said Section 10; thence N86 ${ }^{\circ} 55^{\prime} 25^{\prime \prime}$ E 5.17 feet along the North Right-of-Way line of said Twelve Mile Road for a PLACE OF BEGINNING; thence 15.37 feet along the arc of a 60.00 foot radius non-tangential circular curve to the right, chord bearing N $11^{\circ} 15^{\prime} 35^{\prime \prime} \mathrm{W} 15.32$ feet; thence N $03^{\circ} 35^{\prime} 40^{\prime \prime} \mathrm{W} 111.64$ feet; thence 12.54 feet along the arc of a 40.00 foot radius circular curve to the left, chord bearing N10 ${ }^{\circ} 30^{\prime} 34^{\prime \prime} \mathrm{W} 12.49$ feet; thence $\mathrm{N} 19^{\circ} 29^{\prime} 19$ "W 43.87 feet; thence 16.39 feet along the arc of a 60.00 foot radius circular curve to the right, chord bearing N11 ${ }^{\circ} 39^{\prime} 43^{\prime \prime} \mathrm{W} 16.34$ feet; thence $\mathrm{N} 03^{\circ} 25^{\prime} 17^{\prime \prime} \mathrm{W} 197.80$ feet; thence $\mathrm{N} 11^{\circ} 14^{\prime} 13^{\prime \prime} \mathrm{W} 27.11$ feet; thence 7.07 feet along the arc of a 60.00 foot radius circular curve to the right, chord bearing N07 ${ }^{\circ} 51^{\prime} 455^{\prime \prime} \mathrm{W} 7.06$ feet; thence
 1.91 feet along the arc of a 15.00 foot radius circular curve to the left, chord bearing $\mathrm{N} 09^{\circ} 30^{\prime} 15^{\prime \prime} \mathrm{W}$ 1.91 feet; thence $\mathrm{N} 13^{\circ} 09^{\prime} 08^{\prime \prime} \mathrm{W} 62.91$ feet; thence 24.50 feet along the arc of a 60.00 foot radius circular curve to the right, chord bearing N $01^{\circ} 27^{\prime} 07^{\prime \prime} \mathrm{W} 24.33$ feet; thence $\mathrm{N} 10^{\circ} 14^{\prime} 53^{\prime \prime} \mathrm{E} 52.23$ feet; thence $\mathrm{N} 06^{\circ} 40^{\prime} 577^{\prime \prime} \mathrm{E} 46.94$ feet; thence 10.47 feet along the arc of a 40.00 foot radius circular curve to the left, chord bearing $\mathrm{N} 00^{\circ} 48^{\prime} 58^{\prime \prime} \mathrm{W} 10.44$ feet; thence $\mathrm{N} 08^{\circ} 18^{\prime} 52^{\prime \prime} \mathrm{W} 53.37$ feet; thence $\mathrm{N} 81^{\circ} 41^{\prime} 08^{\prime \prime} \mathrm{E} 20.00$ feet; thence $\mathrm{S} 08^{\circ} 18^{\prime} 52$ "E 53.37 feet; thence 15.70 feet along the arc of a 60.00 foot radius circular curve to the right, chord bearing S $00^{\circ} 48^{\prime} 58^{\prime \prime} \mathrm{E} 15.66$ feet; thence $\mathrm{S} 06^{\circ} 40^{\prime} 57^{\prime \prime} \mathrm{W}$ 47.56 feet; thence $\mathrm{S} 10^{\circ} 14^{\prime} 53$ "W 52.85 feet; thence 16.34 feet along the arc of a 40.00 foot radius circular curve to the left, chord bearing $\mathrm{S} 01^{\circ} 27^{\prime} 07^{\prime \prime} \mathrm{E} 16.22$ feet; thence $\mathrm{S} 13^{\circ} 09^{\prime} 08^{\prime \prime} \mathrm{E} 62.91$ feet; thence 4.46 feet along the arc of a 35.00 foot radius circular curve to the right, chord bearing S0930'15"E 4.45 feet; thence $\mathrm{S} 05^{\circ} 51^{\prime} 22^{\prime \prime} \mathrm{E} 50.59$ feet; thence $\mathrm{S} 01^{\circ} 41^{\prime} 14^{\prime \prime} \mathrm{E} 78.36$ feet; thence S $04^{\circ} 29^{\prime} 17^{\prime \prime} \mathrm{E} 70.88$ feet; thence 4.71 feet along the arc of a 40.00 foot radius circular curve to the left, chord bearing S07 $51^{\prime} 455^{\prime \prime} \mathrm{E} 4.71$ feet; thence $\mathrm{S} 11^{\circ} 14^{\prime} 13^{\prime \prime} \mathrm{E} 28.47$ feet; thence $\mathrm{S} 03^{\circ} 25^{\prime} 17^{\prime \prime} \mathrm{E}$ 199.09 feet; thence 10.86 feet along the arc of a 40.00 foot radius circular curve to the left, chord bearing S $11^{\circ} 42^{\prime} 30^{\prime \prime} \mathrm{E} 10.83$ feet; thence $\mathrm{S} 19^{\circ} 29^{\prime} 19^{\prime \prime} \mathrm{E} 43.87$ feet; thence 18.41 feet along the arc of a 60.00 foot radius circular curve to the right, chord bearing $\mathrm{S} 10^{\circ} 41^{\prime} 56^{\prime \prime} \mathrm{E} 18.34$ feet; thence S03 ${ }^{\circ} 35^{\prime} 40$ "E 111.25 feet; thence 15.88 feet along the arc of a 40.00 foot radius circular curve to the left, chord bearing $\mathrm{S} 15^{\circ} 22^{\prime} 05^{\prime \prime} \mathrm{E} 15.77$ feet; thence S $86^{\circ} 55^{\prime} 25^{\prime \prime} \mathrm{W} 21.18$ feet to the PLACE OF BEGINNING, containing 0.41 acres of land, more or less, subject to easements, conditions, restrictions and exceptions of record, if any.

## EXHIBIT B



SECTION CORNER
P.o.b. PLACE OF BEGINNING

R/W RIGHT-OF-WAY


## DESCRIPTION OF A 20.00 FOOT WDE EASEMENT FOR INGRESS/EGRESS

Commencing at the South $1 / 4$ corner of Section 10, T1N, R8E, City of Novi, Oakland County, Michigan; thence $S 86^{\circ} 55^{\prime} 25^{\prime \prime} \mathrm{W} 2674.38$ feet along the centerline of Twelve Mile Road (variable width) and the South line of said Section 10 ; thence $N 02^{\circ} 55^{\prime} 25^{\prime \prime} \mathrm{W} 150.00$ feet along the West line of said Section 10; thence $N 86^{\circ} 55^{\prime} 25^{\prime \prime} E 5.17$ feet along the North Right-of-Way line of said Twelve Mile Road for a PLACE OF BEGINNING; thence 15.37 feet along the arc of a 60.00 foot radius non-tangential circular curve to the right, chord bearing $\mathrm{N} 11^{\circ} 15^{\prime} 35^{\prime \prime} \mathrm{W} 15.32$ feet; thence $N 03^{\circ} 35^{\prime} 40^{\prime \prime} \mathrm{W} 111.64$ feet; thence 12.54 feet along the arc of a 40.00 foot radius circular curve to the left, chord bearing $\mathrm{N} 10^{\circ} 30^{\prime} 34^{\prime \prime} \mathrm{W} 12.49$ feet; thence $\mathrm{N} 19^{\circ} 29^{\prime} 19^{\prime \prime} \mathrm{W}$ 43.87 feet; thence 16.39 feet along the arc of a 60.00 foot radius circular curve to the right, chord bearing $\mathrm{N} 11^{\circ} 39^{\prime} 43^{\prime \prime} \mathrm{W} 16.34$ feet; thence $\mathrm{N} 03^{\circ} 25^{\prime} 17^{\prime \prime} \mathrm{W} 197.80$ feet; thence $N 11^{\circ} 14^{\prime} 13^{\prime \prime} W 27.11$ feet; thence 7.07 feet along the arc of a 60.00 foot radius circular curve to the right, chord bearing N $07^{\circ} 51^{\prime} 45^{\prime \prime} \mathrm{W} 7.06$ feet; thence $N 04^{\circ} 29^{\prime} 17^{\prime \prime} \mathrm{W} 71.37$ feet; thence $\mathrm{N} 01^{\circ} 41^{\prime \prime} 14^{\prime \prime} \mathrm{W} 78.13$ feet; thence $N 05^{\circ} 51^{\prime} 22^{\prime \prime} \mathrm{W} 49.86$ feet; thence 1.91 feet along the arc of a 15.00 foot radius circular curve to the left, chord bearing $N 09^{\circ} 30^{\prime} 15^{\prime \prime} \mathrm{W} 1.91$ feet; thence $\mathrm{N} 13^{\circ} 09^{\prime} 08^{\prime \prime} \mathrm{W} 62.91$ feet; thence 24.50 feet along the arc of a 60.00 foot radius circular curve to the right, chord bearing $N 01^{\circ} 27^{\prime} 07^{\prime \prime} \mathrm{W} 24.33$ feet; thence $\mathrm{N} 10^{\circ} 14^{\prime} 53^{\prime \prime} \mathrm{E} 52.23$ feet; thence $N 06^{\circ} 40^{\prime} 57^{\prime \prime} \mathrm{E} 46.94$ feet; thence 10.47 feet along the arc of a 40.00 foot radius circular curve to the left, chord bearing $\mathrm{N}^{\circ} 00^{\circ} 48^{\prime} 58^{\prime \prime} \mathrm{W} 10.44$ feet; thence $\mathrm{N} 08^{\circ} 18^{\prime} 52^{\prime \prime} \mathrm{W} 53.37$ feet; thence $N 81^{\circ} 41^{\prime} 08^{\prime \prime} E 20.00$ feet; thence $\operatorname{S08^{\circ }} 18^{\prime} 52^{\prime \prime} \mathrm{E} 53.37$ feet; thence 15.70 feet along the arc of a 60.00 foot radius circular curve to the right, chord bearing $500^{\circ} 48^{\prime} 58^{\prime \prime} \mathrm{E} 15.66$ feet; thence $506^{\circ} 40^{\prime} 57^{\prime \prime}$ W 47.56 feet; thence $S 10^{\circ} 14^{\prime} 53^{\prime \prime} W 52.85$ feet; thence 16.34 feet along the arc of a 40.00 foot radius circular curve to the left, chord bearing $501^{\circ} 27^{\prime} 07^{\prime \prime} \mathrm{E} 16.22$ feet; thence $513^{\circ} 09^{\prime} 08^{\prime \prime} \mathrm{E} 62.91$ feet; thence 4.46 feet along the arc of a 35.00 foot radius circular curve to the right, chord bearing $\mathrm{SO}^{\circ} 30^{\prime} 15^{\prime \prime} \mathrm{E} 4.45$ feet; thence $\mathrm{SO}^{\circ} 51^{\prime} 22^{\prime \prime} \mathrm{E} 50.59$ feet; thence $S 01^{\circ} 41^{\prime} 14^{\prime \prime} \mathrm{E} 78.36$ feet; thence $S 04^{\circ} 29^{\prime} 17^{\prime \prime} \mathrm{E} 70.88$ feet; thence 4.71 feet along the arc of a 40.00 foot radius circular curve to the left, chord bearing $S 07^{\circ} 51^{\prime} 45^{\prime \prime} \mathrm{E} 4.71$ feet; thence $S 11^{\circ} 14^{\prime} 13^{\prime \prime} \mathrm{E} 28.47$ feet; thence $S 03^{\circ} 25^{\prime} 17^{\prime \prime} \mathrm{E} 199.09$ feet; thence 10.86 feet along the arc of a 40.00 foot radius circular curve to the left, chord bearing $511^{\circ} 42^{\prime} 30$ " E 10.83 feet; thence $\mathrm{S} 19^{\circ} 29^{\prime} 19^{\prime \prime} \mathrm{E} 43.87$ feet; thence 18.41 feet along the are of a 60.00 foot radius circular curve to the right, chord bearing $510^{\circ} 41^{\prime} 56^{\prime \prime} \mathrm{E} 18.34$ feet; thence $\mathrm{S} 03^{\circ} 35^{\prime} 40^{\prime \prime} \mathrm{E} 111.25$ feet; thence 15.88 feet along the arc of a 40.00 foot radius circular curve to the left, chord bearing $\mathrm{S} 15^{\circ} 22^{\prime} 05^{\prime \prime} \mathrm{E} 15.77$ feet; thence $\mathrm{S} 86^{\circ} 55^{\prime} 25^{\prime \prime} \mathrm{W} 21.18$ feet to the Place of Beginning, containing 0.41 acres of land, more or less, subject to easements, conditions, restrictions and exceptions of record, if any.


# EXHIBIT C <br> DETENTION/SEDIMENTATION BASIN EASEMENT AREA 

## DESCRIPTION OF A VARIABLE WIDTH DETENTION \& SEDIMENTATION EASEMENT:

Commencing at the South $1 / 4$ corner of Section 10, T1N, R8E, City of Novi, Oakland County, Michigan; thence S86 ${ }^{\circ} 55^{\prime} 25^{\prime \prime} \mathrm{W} 2674.38$ feet along the centerline of Twelve Mile Road (variable width) and the South line of said Section 10; thence N02 ${ }^{\circ} 55^{\prime} 25^{\prime \prime} \mathrm{W} 1028.95$ feet along the West line of said Section 10 for a PLACE OF BEGINNING; thence S81 ${ }^{\circ} 41^{\prime} 08^{\prime \prime} \mathrm{W} 19.80$ feet; thence S $08^{\circ} 18^{\prime} 52^{\prime \prime} \mathrm{E} 53.37$ feet; thence 10.47 feet along the arc of a 40.00 foot radius circular curve to the right, chord bearing $\mathrm{S} 00^{\circ} 48^{\prime} 58^{\prime \prime} \mathrm{E} 10.44$ feet; thence $\mathrm{S} 06^{\circ} 40^{\prime} 57^{\prime \prime} \mathrm{W} 46.94$ feet; thence $\mathrm{S} 10^{\circ} 14^{\prime} 53^{\prime \prime} \mathrm{W}$ 52.23 feet; thence 24.50 feet along the arc of a 60.00 foot radius circular curve to the left, chord bearing S $01^{\circ} 27^{\prime} 07^{\prime \prime} \mathrm{E} 24.33$ feet; thence $\mathrm{S} 13^{\circ} 09^{\prime} 08^{\prime \prime} \mathrm{E} 7.60$ feet; thence $\mathrm{S} 68^{\circ} 42^{\prime} 25^{\prime \prime} \mathrm{W} 39.91$ feet; thence $\mathrm{N} 71^{\circ} 03^{\prime} 57^{\prime \prime} \mathrm{W} 163.91$ feet; thence $\mathrm{N} 45^{\circ} 23^{\prime} 31^{\prime \prime} \mathrm{W} 101.85$ feet; thence $52^{\circ}{ }^{\circ} 9^{\prime} 26^{\prime \prime} \mathrm{E} 237.45$ feet; thence $\mathrm{S}^{\prime} 9^{\circ} 36^{\prime} 28^{\prime \prime}$ E 116.54 feet to the PLACE OF BEGINNING, containing 1.07 acres of land, more or less, subject to easements, conditions, restrictions and exceptions of record, if any.


## DESCRIPTION OF A VARIABLE WIDTH DETENTION \& SEDIMENTATION EASEMENT:

Commencing at the South $1 / 4$ corner of Section 10, T1N, R8E, City of Novi, Oakland County, Michigan; thence $586^{\circ} 55^{\prime} 25^{\prime \prime} \mathrm{W} 2674.38$ feet along the centerline of Twelve Mile Road (variable width) and the South line of said Section 10; thence $N O 2^{\circ} 55^{\prime} 25^{\prime \prime}$ W 1028.95 feet along the West line of said Section 10 for a PLACE OF BEGINNING; thence $\mathrm{S} 81^{\circ} 41^{\prime} 08{ }^{\prime \prime} \mathrm{W} 19.80$ feet; thence $S^{\circ} 8^{\circ} 18^{\prime} 52^{\prime \prime} \mathrm{E} 53.37$ feet; thence 10.47 feet along the arc of a 40.00 foot radius circular curve to the right, chord bearing $\mathrm{S} 00^{\circ} 48^{\prime} 58^{\prime \prime} \mathrm{E} 10.44$ feet; thence $\mathrm{SO}^{\circ} 40^{\prime} 57^{\prime \prime} \mathrm{W} 46.94$ feet; thence $S 10^{\circ} 14^{\prime} 53^{\prime \prime} W 52.23$ feet; thence 24.50 feet along the arc of a 60.00 foot radius circular curve to the left, chord bearing $501^{\circ} 27^{\prime} 07^{\prime \prime} \mathrm{E} 24.33$ feet; thence $\mathrm{S} 13^{\circ} 09^{\prime} 08^{\prime \prime} \mathrm{E} 7.60$ feet; thence $\mathrm{S} 68^{\circ} 42^{\prime} 25^{\prime \prime} \mathrm{W} 39.91$ feet; thence $N 71^{\circ} 03^{\prime} 57^{\prime \prime} \mathrm{W} 163.91$ feet; thence $N 45^{\circ} 23^{\prime} 31^{\prime \prime} W$ 101.85 feet; thence $N 52^{\circ} 29^{\prime} 26^{\prime \prime} \mathrm{E} 237.45$ feet; thence $S 59^{\circ} 36^{\prime} 28^{\prime \prime} \mathrm{E} 116.54$ feet to the Place of Beginning, containing 1.07 acres of land, more or less, subject to easements, conditions, restrictions and exceptions of record, if any.

| ${ }^{\text {CLIENT }}$ PULTE LAND COMPANY, LLC | J08: 300803 | EA-12 |
| :---: | :---: | :---: |
| DETENTION/SEDIMENTATION BASIN EASEMENT LOCATED IN | - |  |
|  | FLLE NO. $5219-62$ |  |
|  | ATWELL-HICKS <br> Engineering. Surveying. Planning Environmental - Water/Wastewoter |  |
| SECTION 10 TOWN 1 NORTH, RANGE 8 EAST CITY NF NOW OAKLAND COUNTY |  |  |
| SCALE: 1 INCH $=200$ FEET $0,100 \quad 200$ | MICHIGAN | 8668504200 ILLINOS OHIO FLORIDA |

