



**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER RESOURCES DIVISION
PERMIT**



ISSUED TO:

Bahaa Kizy
44924 Marigold Drive
Sterling Heights, MI 48314

Permit No.	11-63-0162-P
Issued	October 27, 2011
Extended	
Revised	
Expires	October 27, 2016

This permit is being issued by the Michigan Department of Environmental Quality (MDEQ) under the provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), and specifically:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Part 301, Inland Lakes and Streams | <input type="checkbox"/> Part 315, Dam Safety |
| <input type="checkbox"/> Part 325, Great Lakes Submerged Lands | <input type="checkbox"/> Part 323, Shorelands Protection and Management |
| <input checked="" type="checkbox"/> Part 303, Wetlands Protection | <input type="checkbox"/> Part 353, Sand Dunes Protection and Management |
| <input checked="" type="checkbox"/> Part 31, Floodplain/Water Resources Protection | |

Permission is hereby granted, based on permittee assurance of adherence to State of Michigan requirements and permit conditions, to:

Permitted Activity:

Install a driveway through a total of .005 acre of wetland and over an unnamed stream to provide access for a single-family home in an upland area on Parcel No. 15-34-126-012. Install a 24 inch culvert within an unnamed stream, and temporarily impact 102 square feet of wetland for the installation of 10 linear feet of 6 inch PVC sanitary sewer line and 10 linear feet of 1 inch copper watermain.

All work shall be in accordance with DEQ approved plans and the conditions of this permit.

Water Course Affected: Wolf Drain

Property Location: Oakland County, City of Rochester Hills, Section 34
Subdivision, Lot 114 Town/Range 3N, 11E Property Tax No.

Authority granted by this permit is subject to the following limitations:

- A. Initiation of any work on the permitted project confirms the permittee's acceptance and agreement to comply with all terms and conditions of this permit.
- B. The permittee, in exercising the authority granted by this permit, shall not cause unlawful pollution as defined by Part 31 of the NREPA.
- C. This permit shall be kept at the site of the work and available for inspection at all times during the duration of the project or until its date of expiration.
- D. All work shall be completed in accordance with the plans and specifications submitted with the application and/or plans and specifications attached hereto.
- E. No attempt shall be made by the permittee to forbid the full and free use by the public of public waters at or adjacent to the structure or work approved herein.
- F. It is made a requirement of this permit that the permittee give notice to public utilities in accordance with Act 53 of the Public Act of 1974 and comply with each of the requirements of that act.
- G. This permit does not convey property rights in either real estate or material, nor does it authorize any injury to private property or invasion of public or private rights, nor does it waive the necessity of seeking federal assent, all local permits, or complying with other state statutes.
- H. This permit does not prejudice or limit the right of a riparian owner or other person to institute proceedings in any circuit court of this state when necessary to protect his rights.
- I. Permittee shall notify the MDEQ within one week after the completion of the activity authorized by this permit, by completing and forwarding the attached preaddressed postcard to the office addressed thereon.
- J. This permit shall not be assigned or transferred without the written approval of the MDEQ.

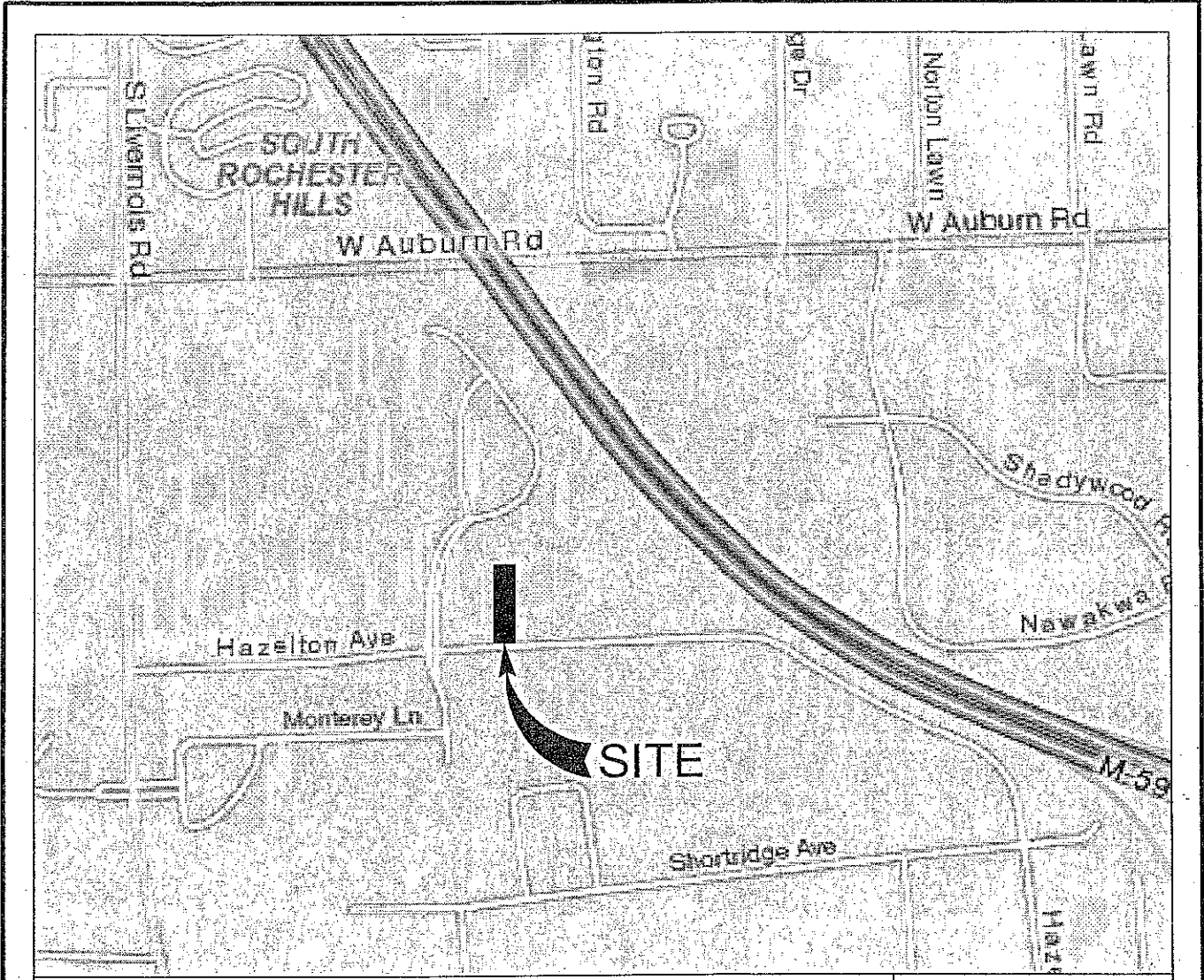
- K. Failure to comply with conditions of this permit may subject the permittee to revocation of permit and criminal and/or civil action as cited by the specific state act, federal act, and/or rule under which this permit is granted.
- L. Work to be done under authority of this permit is further subject to the following special instructions and specifications:
1. The temporary structures, construction mats, and equipment for utility installation shall be immediately removed after its use has been discontinued and installation has been completed or within 90 days of initiation of the authorized activity, whichever is shorter.
 2. No ditches may be constructed in the wetland in association with the driveway.
 3. Fill material used for installation of the driveway shall be placed on filter fabric, or equivalent material, if warranted by soil conditions.
 4. The culvert shall be either bottomless (3-sided), or if the culvert has a bottom, then the invert elevation must be buried below the stream bottom 1/6 of the bankfull width up to a maximum buried depth of 1-foot.
 5. The culvert shall span a minimum of bankfull width.
 6. The culvert shall be aligned with the centerline of the stream at both the inlet and outlet ends.
 7. All work shall be completed in accordance with the attached plans and the terms and conditions of this permit.
 8. Prior to the initiation of any permitted construction activities, a siltation barrier shall be constructed immediately down gradient of the construction site. Siltation barriers shall be specifically designed to handle the sediment type, load, water depth, and flow conditions of each construction site throughout the anticipated time of construction and unstable site conditions. The siltation barrier shall be maintained in good working order throughout the duration of the project. Upon project completion, the accumulated materials shall be removed and disposed of at an upland (non-wetland, non-floodplain) site. The siltation barrier shall then be removed in its entirety and the area restored to its original configuration and cover.
 9. All raw areas resulting from the permitted construction activity shall be promptly and effectively stabilized with sod and/or seed and mulch (or other technology specified by this permit or project plans) in a sufficient quantity and manner to prevent erosion and any potential siltation to surface waters or wetlands.
 10. Authority granted by this permit does not waive permit requirements under Part 91, Soil Erosion and Sedimentation Control, of the NREPA, or the need to acquire applicable permits from the County Enforcing Agent (CEA). To locate the Soil Erosion Program Administrator for your county visit www.deq.state.mi.us/sesca/.
 11. A storm water discharge permit may be required under the Federal Clean Water Act for construction activities that disturb one or more acres of land and discharge to surface waters. For sites over five (5) acres, the permit coverage may be obtained by a Part 91, Soil Erosion and Sedimentation Control (SESC), permit and filing a "Notice of Coverage" form to the MDEQ's Water Bureau. For sites with disturbance from one acre up to five acres, storm water coverage is automatic once the SESC permit is obtained. These one to five acre sites are not required to apply for coverage, but are required to comply with storm water discharge permit requirements. Information on the storm water discharge permit is available from the Water Bureau's Storm Water Permit Program by calling 517-373-8088 or at www.michigan.gov/deqwater. Select "surface water" and then select "storm water."
 12. All fill/backfill shall consist of clean inert material that will not cause siltation nor contain soluble chemicals, organic matter, pollutants, or contaminants. All fill shall be CONTAINED in such a manner so as not to erode into any surface water, floodplain, or wetland. All raw areas associated with the permitted activity shall be STABILIZED with sod and/or seed and mulch, riprap, or other technically effective methods as necessary to prevent erosion.

13. No fill, excess soil, or other material shall be placed in any wetland or surface water area not specifically authorized by this permit, its plans, and specifications.
14. Excess soil materials from the project shall not be deposited in wetlands or surface water without first securing a permit under Part 303, Wetlands Protection, of the NREPA or other applicable statute. Prior to the initiation of any permitted construction activity, a silt fence shall be installed along the entire route of the disturbed wetland area and maintained in good working order until permanent stabilization and re-vegetation of all disturbed areas has occurred. The silt fence shall be removed after re-vegetation. All excess soil material shall be placed on an upland location and then seeded and mulched to prevent erosion into waters, floodplain, or wetlands.
15. Construction must be undertaken and completed during the dry period of the wetland.
16. If the area does not dry out, construction shall be done on equipment mats to prevent compaction of the soil.
17. Upon completion of the project, the site shall be restored to the original contour elevation and stabilized with sod and/or seed and mulch to prevent erosion. Trench excavation shall be restored as closely as possible to pre-existing grade by backfilling the trench so native soils are replaced in reverse order of excavation, replacing the topsoil at the surface.
18. Prior to the start of construction, all non-work wetland areas shall be bounded by properly trenched filter fabric fence and orange construction fencing to prevent sediment from entering the wetland and to prohibit construction personnel from entering or performing work in these areas. Fence shall be maintained daily throughout the construction process. Upon project completion, the accumulated materials shall be removed and disposed of at an upland site. The erosion barrier shall then be removed in its entirety and the area restored to its original configuration and cover.
19. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
20. In issuing this permit, the MDEQ has relied on the information and data that the permittee has provided in connection with the permit application. If, subsequent to the issuance of this permit, such information and data prove to be false, incomplete, or inaccurate, the MDEQ may modify, revoke, or suspend the permit, in whole or in part, in accordance with the new information.
21. The permittee shall indemnify and hold harmless the State of Michigan and its departments, agencies, officials, employees, agents and representatives for any and all claims or causes of action arising from acts or omissions of the permittee, or employees, agents, or representatives of the permittee, undertaken in connection with this permit. This permit shall not be construed as an indemnity by the State of Michigan for the benefit of the permittee or any other person.
22. Noncompliance with these terms and conditions, and/or the initiation of other regulated activities not specifically authorized by this permit shall be cause for the modification, suspension, or revocation of this permit, in whole or in part. Further, the MDEQ may initiate criminal and/or civil proceedings as may be deemed necessary to correct project deficiencies, protect natural resource values, and secure compliance with statutes.
23. If any change or deviation from the permitted activity becomes necessary, the permittee shall request, in writing, a revision of the permitted activity and/or mitigation plan from the MDEQ. Such revision requests shall include complete documentation supporting the modification and revised plans detailing the proposed modification. Proposed modifications must be approved, in writing, by the MDEQ prior to being implemented.

24. This permit may be transferred to another person upon written approval of the MDEQ. The permittee must submit a written request to the MDEQ to transfer the permit to the new owner. The new owner must also submit a written request to accept transfer of the permit. The new owner must agree, in writing, to accept all conditions of the permit. A single letter signed by both parties which includes all the above information may be provided to the MDEQ. The MDEQ will review the request and if approved, will provide written notification to the new owner.
25. This permit is being issued for the maximum time allowed under Part 301, Inland Lakes and Streams and Part 303, Wetlands Protection, of the Natural Resources and Environmental Protection Act, PA 451 of 1994, as amended, including all permit extensions allowed under the administrative rules R 281.813 and R 281.923. Therefore, no extensions of this permit will be granted. Initiation of the construction work authorized by this permit indicates the permittee's acceptance of this condition. The permit, when signed by the MDEQ, will be for a five-year period beginning at the date of issuance.

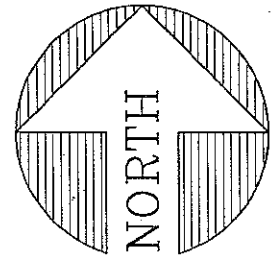
By: Melanie J. Foose
Melanie J. Foose
Water Resources Division
586-753-3866

cc: City of Rochester Hills Clerk
City of Rochester Hills Building Department
Mr. Rick DeVisch, Oakland County Water Resources Commission
Ms. Pamela Rice, PR Environmental Consulting, LLC



LOCATION MAP

NOT TO SCALE



DEQ-WRD-WRU
 FILE# 11-03-0162
 APPROVED PLANS
 2 OF 6
 SEMI DIST.



HAZELWOOD HILLS CONDOMINIUM
 PLAN# 1464
 LIBER 26610, PAGE 674

UNIT 1 UNIT 2 UNIT 3

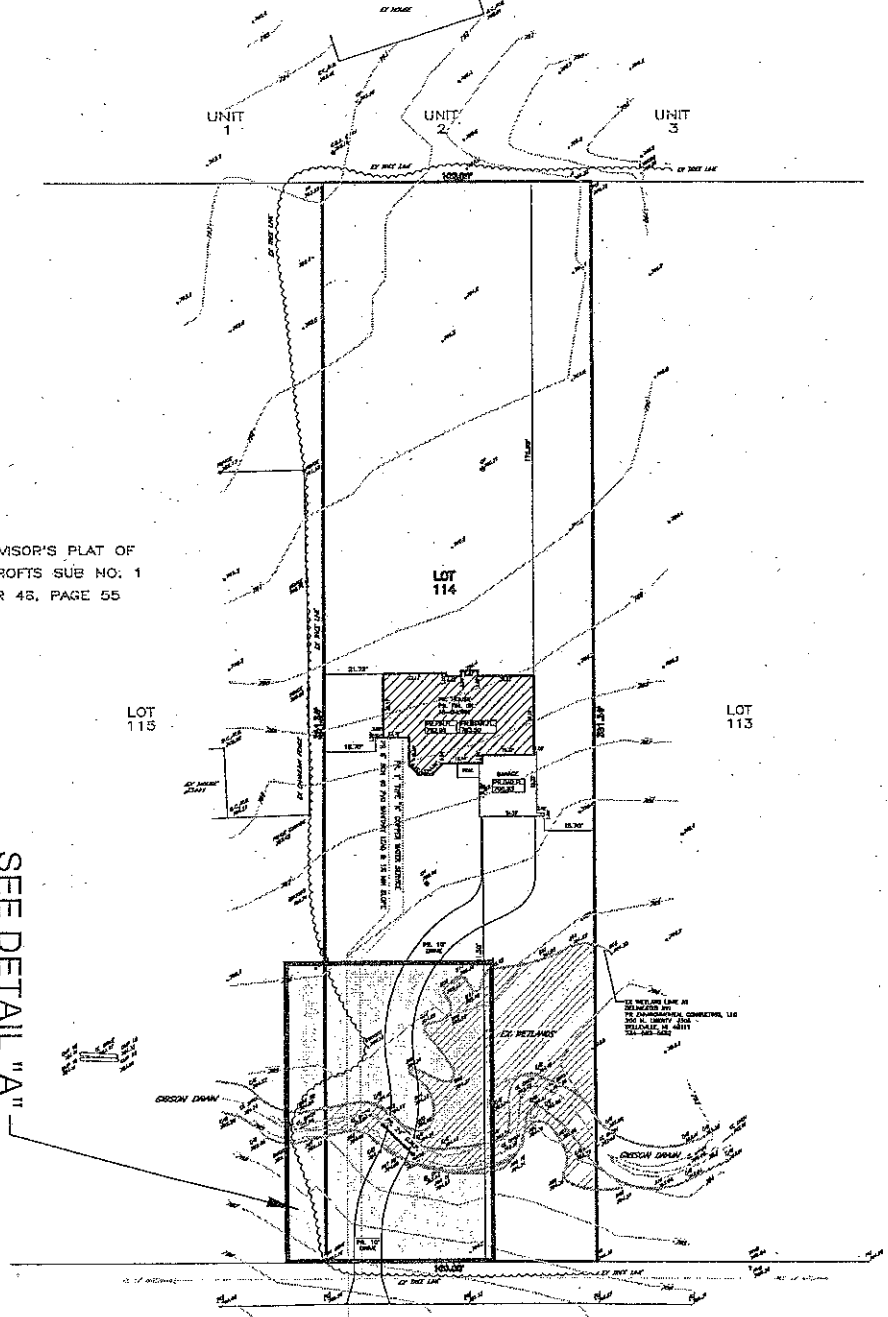
SUPERVISOR'S PLAT OF
 AVONCROFTS SUB NO. 1
 LIBER 48, PAGE 55

LOT 115

LOT 114

LOT 113

SEE DETAIL "A"

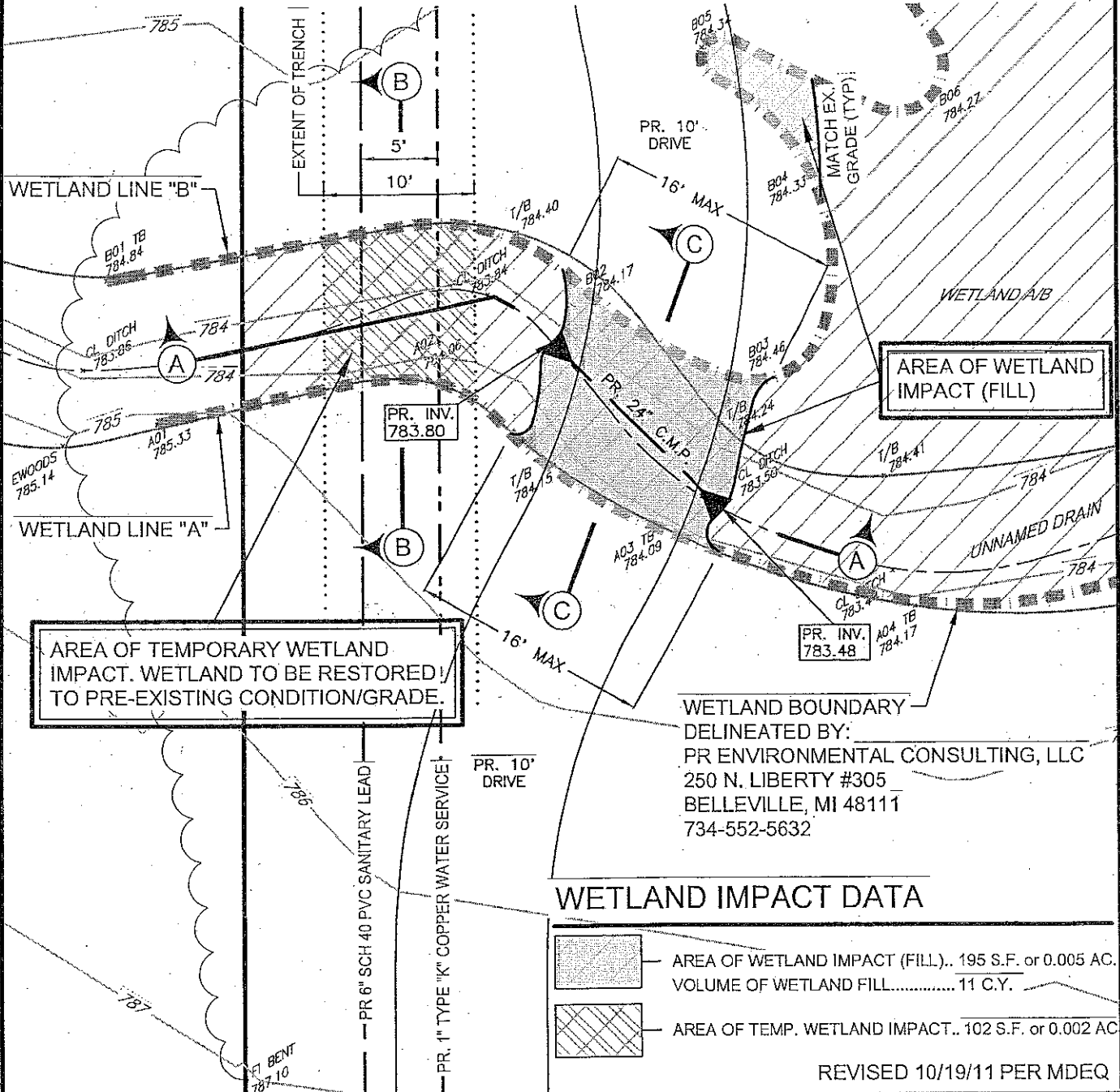


HAZELTON AVENUE (60 FT WIDE)

REVISIONS	
NO. 1	DATE 11-03-0162
NO. 2	DATE 11-03-0162
NO. 3	DATE 11-03-0162
NO. 4	DATE 11-03-0162
NO. 5	DATE 11-03-0162
NO. 6	DATE 11-03-0162
NO. 7	DATE 11-03-0162
NO. 8	DATE 11-03-0162
NO. 9	DATE 11-03-0162
NO. 10	DATE 11-03-0162

Fenn & Associates, Inc.
 Land Surveying and Civil Engineering
 11-02782

DETAIL "A"



Fenn & Associates, Inc. - Land Surveying and Civil Engineering

14933 Commercial Drive, Shelby Township, Michigan 48315
 Phone: 586.254.9577 Fax: 586.254.9020 www.fennsurveying.com

WETLAND IMPACT -- PLAN VIEW

LOT 114 SUPERVISOR'S PLAT OF AVONCROFTS SUB NO. 1

PART OF SECTION 34, TOWN 3 NORTH, RANGE 11 EAST
 CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

CLIENT: BAHAA AND ADRIANE KIZY

DATE 08/25/2011

JOB NO. 11-00282

SCALE 1" = 10'

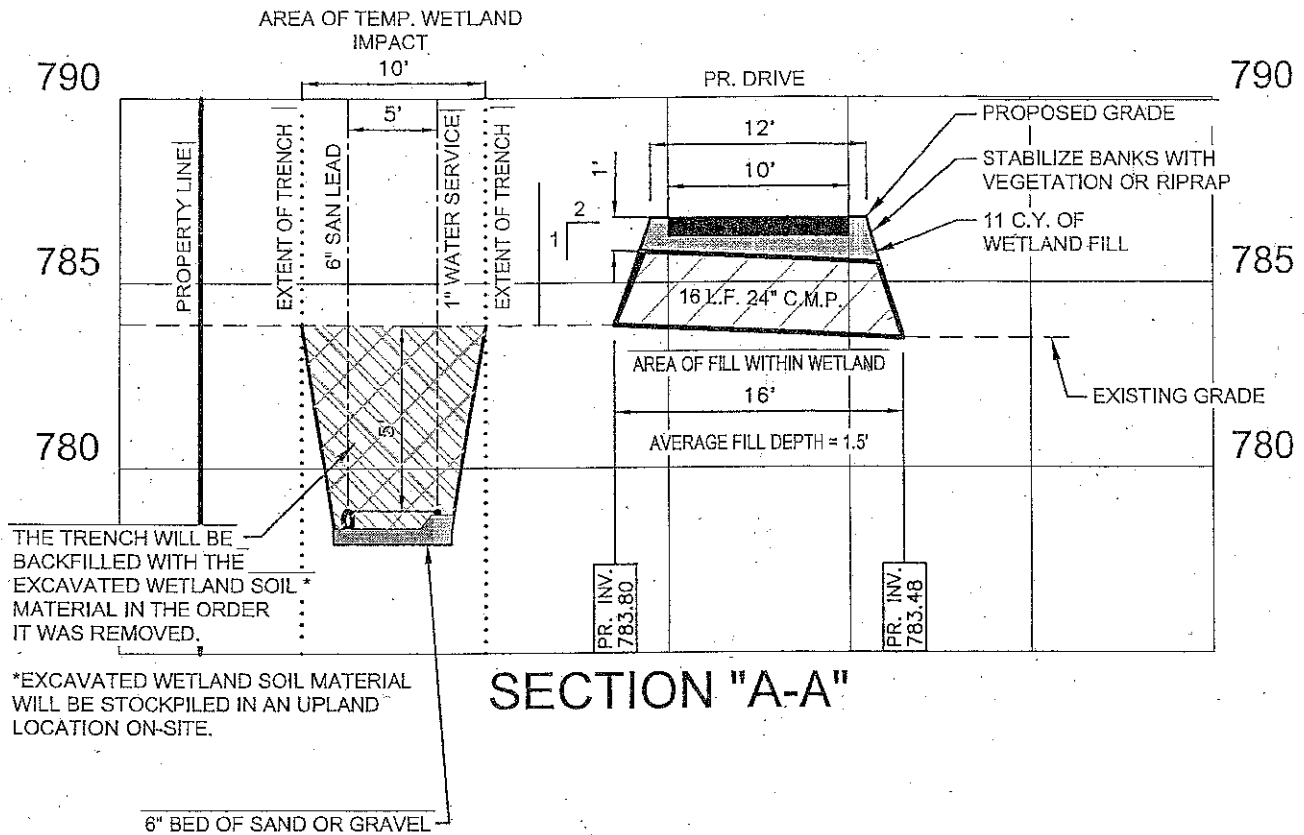
FIELD BY R.H., J.K.

CHECKED J.S.R., P.E.

DRAWN J.D.K.

SHEET 3 OF 6

DEQ-WRD-WRU
 FILE# 11-03-0162
 APPROVED PLANS
4 OF 6
 SEMI DIST.



PROFILE SECTIONS

HORIZONTAL SCALE: 1" = 10'
 VERTICAL SCALE: 1" = 5'

REVISED 10/19/11 PER MDEQ



Fenn & Associates, Inc. - Land Surveying and Civil Engineering

14933 Commercial Drive, Shelby Township, Michigan 48315
 Phone: 586.254.9577 Fax: 586.254.9020 www.fennsurveying.com

WETLAND IMPACT - CROSS SECTION A-A

LOT 114 SUPERVISOR'S PLAT OF AVONCROFTS SUB NO. 1

PART OF SECTION 34, TOWN 3 NORTH, RANGE 11 EAST
 CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

CLIENT: BAHAA AND ADRIANE KIZY

DATE 08/25/2011

JOB NO. 11-00282

SCALE AS SHOWN

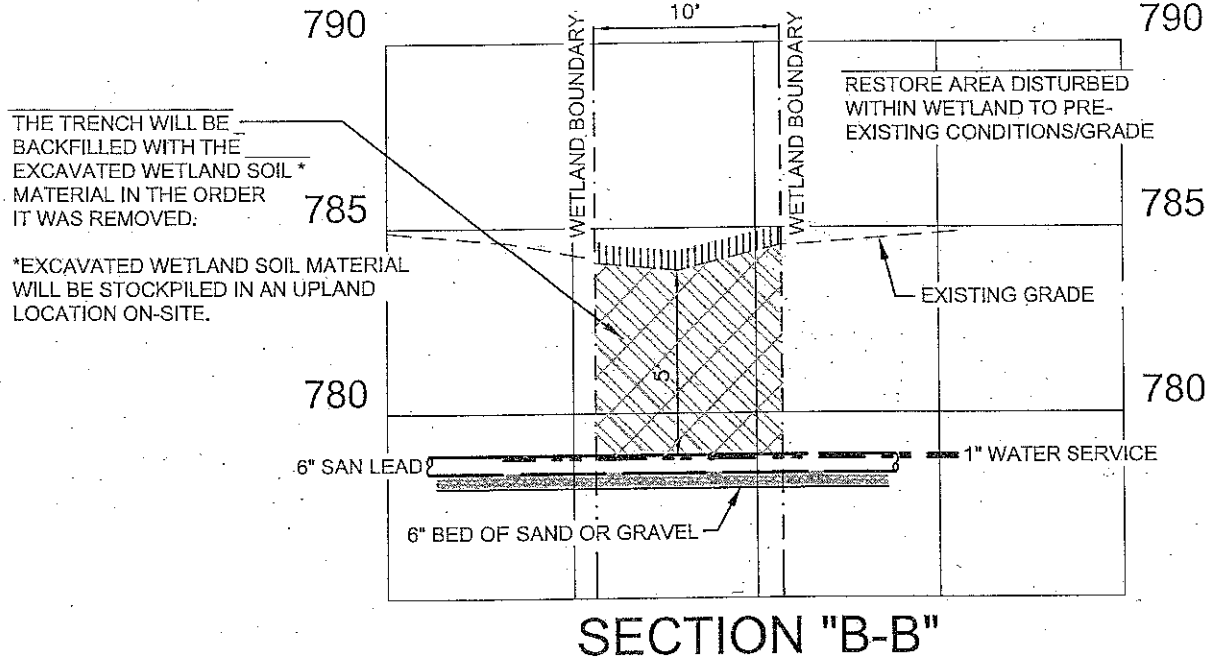
FIELD BY R.H., J.K.

CHECKED J.S.R., P.E.

DRAWN J.D.K.

SHEET 4 OF 6

DEQ-WRD-WRU
 FILE# 11-63-062
 APPROVED PLANS
5 OF 6
 SEMI DIST.



THE TRENCH WILL BE BACKFILLED WITH THE EXCAVATED WETLAND SOIL* MATERIAL IN THE ORDER IT WAS REMOVED:

*EXCAVATED WETLAND SOIL MATERIAL WILL BE STOCKPILED IN AN UPLAND LOCATION ON-SITE.

PROFILE SECTIONS

HORIZONTAL SCALE: 1" = 10'
 VERTICAL SCALE: 1" = 5'

REVISED 10/19/11 PER MDEQ



Fenn & Associates, Inc. - Land Surveying and Civil Engineering

14933 Commercial Drive, Shelby Township, Michigan 48315
 Phone: 586.254.9577 Fax: 586.254.9020 www.fennsurveying.com

WETLAND IMPACT - CROSS SECTION B-B

LOT 114 SUPERVISOR'S PLAT OF AVONCROFTS SUB NO. 1

PART OF SECTION 34, TOWN 3 NORTH, RANGE 11 EAST
 CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

CLIENT: BAHAA AND ADRIANE KIZY

DATE 08/25/2011

JOB NO. 11-00282

SCALE AS SHOWN

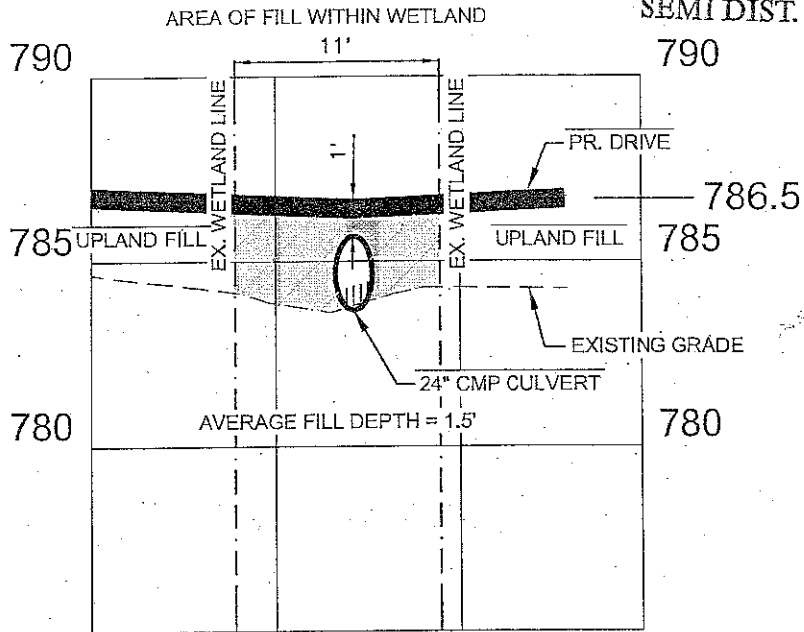
FIELD BY R.H., J.K.

CHECKED J.S.R., P.E.

DRAWN J.D.K.

SHEET 5 OF 6

DEQ-WRD-WRU
 FILE# 11-63-0162
 APPROVED PLANS
6 OF 6
 SEMI DIST.



SECTION "C-C"

PROFILE SECTIONS

HORIZONTAL SCALE: 1" = 10'
 VERTICAL SCALE: 1" = 5'

REVISED 10/19/11 PER MDEQ



Fenn & Associates, Inc. - Land Surveying and Civil Engineering

14933 Commercial Drive, Shelby Township, Michigan 48315
 Phone: 586.254.9577 Fax: 586.254.9020 www.fennsurveying.com

WETLAND IMPACT - CROSS SECTION C-C

LOT 114 SUPERVISOR'S PLAT OF AVONCROFTS SUB NO. 1

PART OF SECTION 34, TOWN 3 NORTH, RANGE 11 EAST
 CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

CLIENT: BAHAA AND ADRIANE KIZY

DATE 08/25/2011

JOB NO. 11-00282

SCALE AS SHOWN

FIELD BY R.H., J.K.

CHECKED J.S.R., P.E.

DRAWN J.D.K.

SHEET 6 OF 6