

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY PERMIT

ISSUED TO:

City of New Baltimore
36535 Green Street
New Baltimore, MI 48047

Permit No.	09-50-0066-P
Issued	February 12, 2010
Extended	
Revised	
Expires	February 12, 2015

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 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 Dune Protection and Management |
| <input type="checkbox"/> Part 31 Floodplain/Water Resources Protection | |

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

MODIFIED Permitted Activity:

Dredge approximately 186 cubic yards of material from approximately 0.24 acres of wetland, place approximately 524 cubic yards of fill material within 0.43 acres of wetland, and install multiple 6 inch diameter equalization culverts 16 feet long approximately 25 feet apart, in order to construct a path 8 feet wide at the top. Also place approximately 603 cubic yards of fill within several ditches onsite. All work shall be completed in accordance with the consent agreement for DEQ files 04-50-0014-V and 97-50-0040-V, and in accordance with the attached specifications and approved plans dated 10/26/09.

Water Course Affected: Wetland/Vandevenne Drain

Property Location: Macomb County, City of New Baltimore, Section 12

Subdivision, Lot Town/Range 3N, 14E Property Tax No. 09-12-200-014

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, Floodplain/Water Resources Protection 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 the 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 post card 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. All work shall be completed in accordance with the attached plans and the terms and conditions of this permit.
2. Authority granted by this permit does not waive any jurisdiction of the United States Army Corps of Engineers or the need for a federal permit, if required.
3. 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/.
4. Prior to initiation of construction, a preconstruction meeting shall be held with the contractor, permittee or her/his representative(s), and representatives of the MDEQ. To arrange the required meeting, please contact Anne Hokanson at 586-753-3870 or hokanson@michigan.gov.
5. 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.
6. 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.
7. Equalization culverts shall be placed at an elevation within the pathway to insure that water will reach equal levels on either side of the path. An equalization culvert shall be placed every 30 feet or less to provide adequate water transport.
8. All dredge/excavated spoils including organic and inorganic soils, vegetation, and other material removed shall be placed on upland (non-wetland, non-floodplain or non-bottomland), or in approved fill locations within this permit, prepared for stabilization, and stabilized with sod and/or seed and mulch in such a manner to prevent and ensure against erosion of any material into any waterbody, wetland, or floodplain.
9. The permittee shall complete restoration and management activities in the mitigation area approved for preservation credit, in accordance with the consent agreement for DEQ files 04-50-0014-V and 97-50-0040-V.
10. A plan outlining the restoration and management goals, methods, and monitoring shall be submitted and approved by the MDEQ prior to initiating any work in regulated areas authorized by this permit.
11. The permittee shall monitor the restoration and mitigation areas approved for preservation credit in accordance with the consent agreement for DEQ files 04-50-0014-V and 97-50-0040-V. The following information should be collected and provided in the monitoring reports:
12. A qualified individual able to identify vegetation to genus and species must conduct the wetland monitoring. The MDEQ reserves the right to reject reports with substandard monitoring data.

13. If the MDEQ determines that the restoration and management goals have not been met, the MDEQ may require subsequent annual monitoring until final approval from the MDEQ can be granted.
14. The permittee shall execute a conservation easement over a total of 32.45 acres of wetland and upland onsite, in two areas, as shown on the attached permit plans in a form identical to the conservation easement model on the MDEQ's website at www.michigan.gov/deqwetlands. The original executed conservation easement and associated exhibits must be sent to the MDEQ for review and recording prior to the issuance of this permit. Send to: Conservation Easement Coordinator, MDEQ, Land and Water Management Division, P.O. Box 30458, Lansing, Michigan, 48909, with a copy of the executed easement mailed to the District Office's address above.

An acceptable executed conservation easement must be submitted to the MDEQ by the permittee prior to commencement of any permitted work within regulated areas.

The conservation easement boundary shall be demarcated by the placement of signs along the perimeter. The signs shall be placed at an adequate frequency, visibility, and height for viewing, made of a suitable material to withstand climatic conditions, and should be replaced as needed. The signs shall include the following language:

WETLAND CONSERVATION EASEMENT
NO CONSTRUCTION OR PLACEMENT OF STRUCTURES ALLOWED.
NO MOWING, CUTTING, FILLING, DREDGING OR
APPLICATION OF CHEMICALS ALLOWED.
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

Except as otherwise provided by this permit or approved in writing by the MDEQ, the following activities are prohibited in perpetuity within the mitigation area: alteration of topography, creation of paths, trails, or roads; placement of fill, dredging, or excavation; drainage of surface or groundwater; construction or placement of any structure; plowing, tilling, or cultivating the soils or vegetation; cutting, removal, or alteration of vegetation; including the planting of non-native plant species; construction of unauthorized utility or petroleum lines; storage or disposal of garbage, trash, debris, abandoned equipment; accumulation of machinery or other waste materials; use or storage of off-road vehicles; placement of billboards or signs; or the use of the wetland for the dumping of storm water (except as otherwise allowed in this permit).

15. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
16. 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.
17. The authority to conduct the activity as authorized by this permit is granted solely under the provisions of the governing act as identified above. This permit does not convey, provide, or otherwise imply approval of any other governing act, ordinance, or regulation, nor does it waive the permittee's obligation to acquire any local, county, state or federal approval or authorization, necessary to conduct the activity.
18. 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,

- 19. 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.
- 20. The activities and requirements authorized in this draft permit are in accordance with the consent agreement for DEQ files 04-50-0014-V and 97-50-0040-V.**
- 21. 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.
- 22. 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.
- 23. This permit is being issued for the maximum time allowed under 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.
- 24. This permit shall become effective on the date of the MDEQ representative's signature. Upon signing by the permittee named herein, this permit must be returned to the MDEQ's Land and Water Management Division, 27700 Donald Court, Warren, MI 48092 for final execution.

Permittee hereby accepts and agrees to comply with the terms and conditions of this permit.

X CITY OF NEW BALTIMORE
Larry Smith 12-14-09
 Permittee Date

X Larry Smith, Mayor and Marcella L. Shinska, City Clerk 12-14-09
 City of New Baltimore
 Printed Name and Title of Permittee

Steven E. Chester, Director
Department of Environmental Quality

By Anne Hokanson
 Anne Hokanson
 District Representative
 Land and Water Management Division

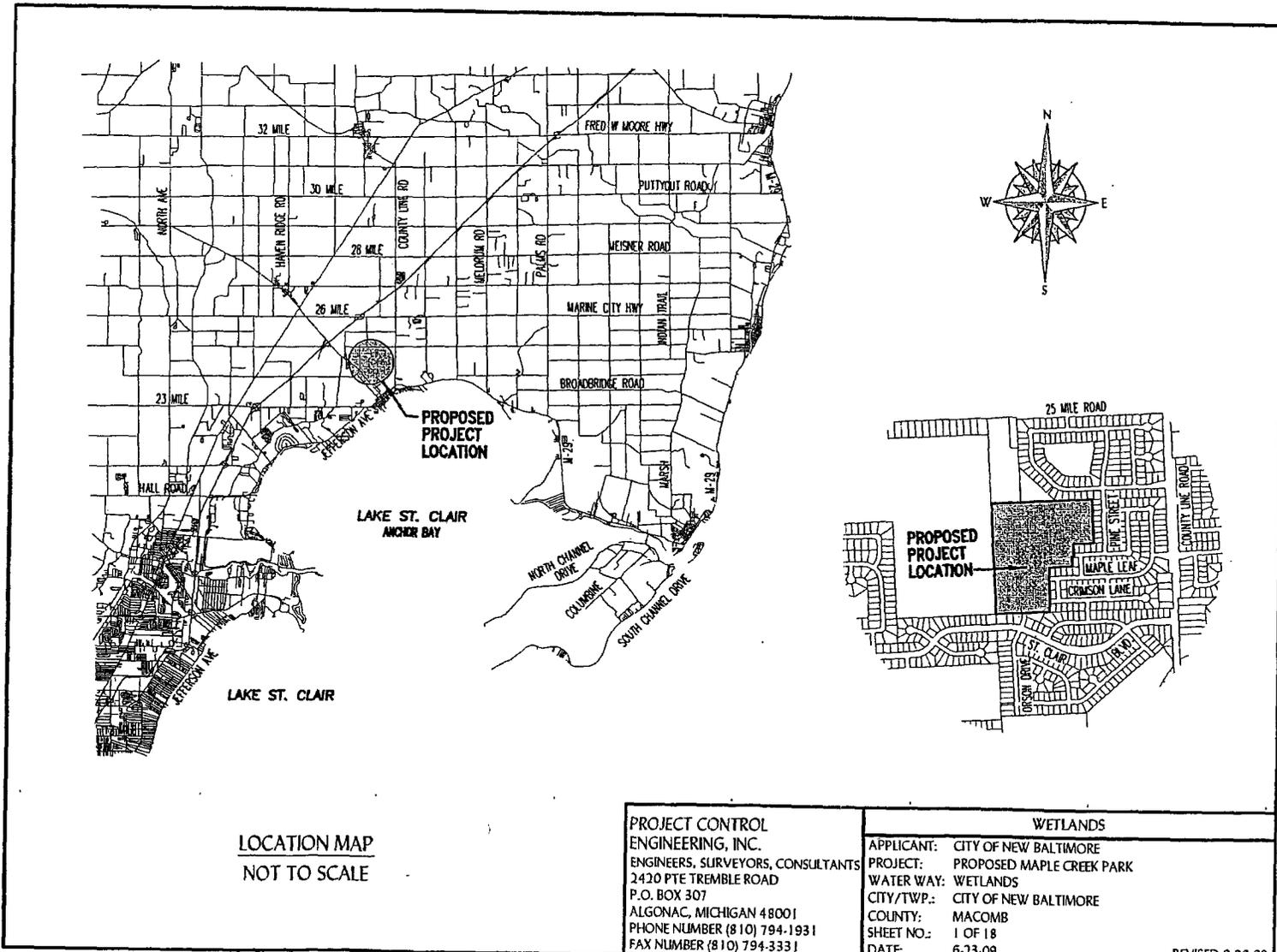
- cc: USACE
 Macomb CEA
 City of New Baltimore
 Mr. John Monte, Project Control Engineering, Inc.
 Mr. Justin Smith, DEQ Lansing
 Ms. Colleen O'Keefe, DEQ Lansing

DEQ-LWMD
 FILE #09-50-0066-P
 APPROVED PLANS

1 OF 18

DIST - 10

10/26/09

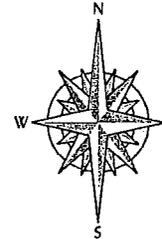
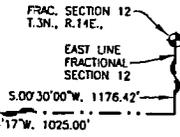
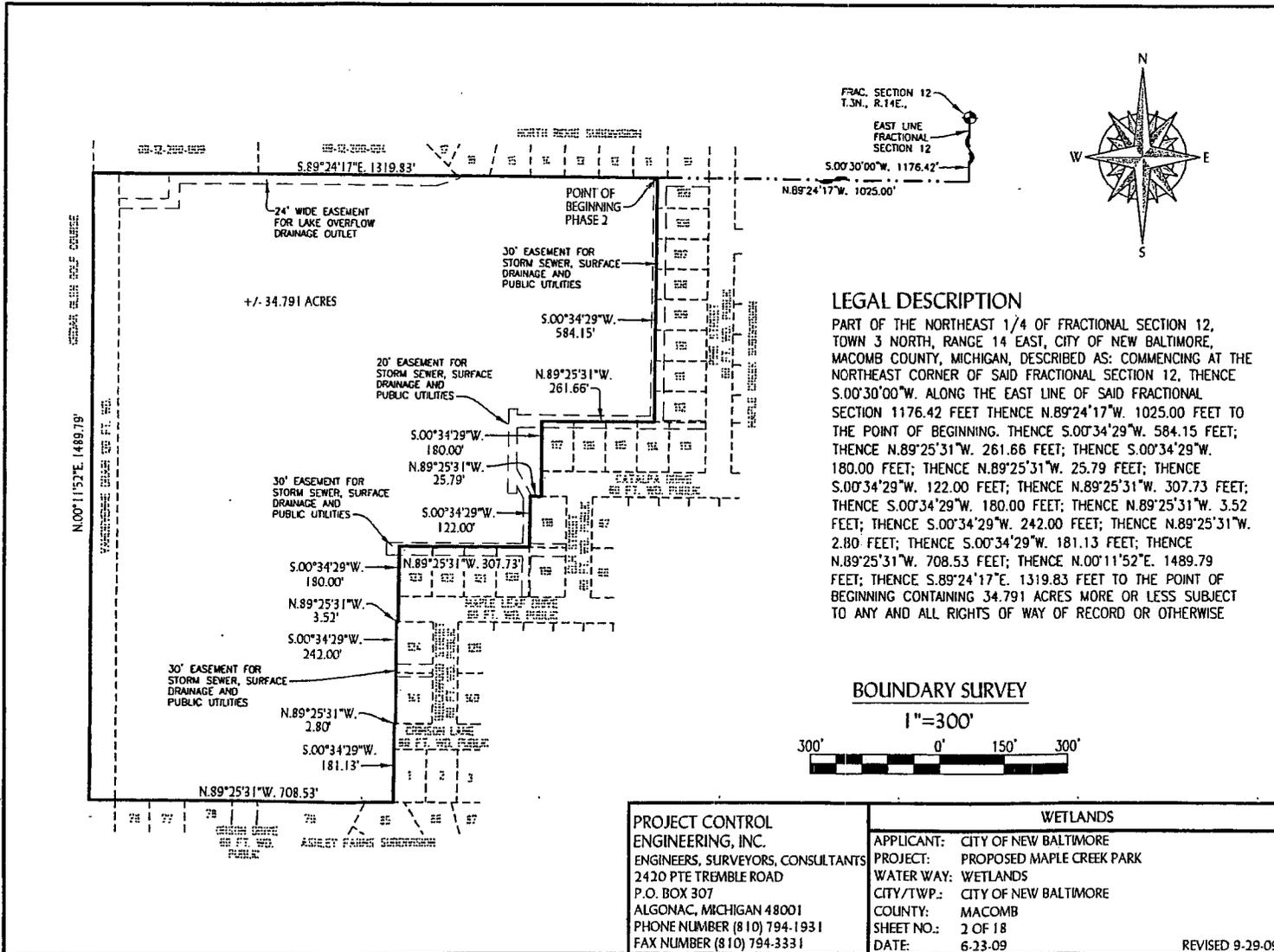


LOCATION MAP
 NOT TO SCALE

<p>PROJECT CONTROL ENGINEERING, INC. ENGINEERS, SURVEYORS, CONSULTANTS 2420 PTE TREMBLE ROAD P.O. BOX 307 ALGONAC, MICHIGAN 48001 PHONE NUMBER (810) 794-1931 FAX NUMBER (810) 794-3331</p>	<p>WETLANDS APPLICANT: CITY OF NEW BALTIMORE PROJECT: PROPOSED MAPLE CREEK PARK WATER WAY: WETLANDS CITY/TWP.: CITY OF NEW BALTIMORE COUNTY: MACOMB SHEET NO.: 1 OF 18 DATE: 6-23-09</p>
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REVISED 9-29-09

DEQ-LWMD
 FILE #09-50-0066-P
 APPROVED PLANS
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 DIST - 10
 10/26/09

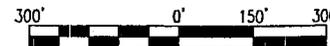


LEGAL DESCRIPTION

PART OF THE NORTHEAST 1/4 OF FRACTIONAL SECTION 12, TOWN 3 NORTH, RANGE 14 EAST, CITY OF NEW BALTIMORE, MACOMB COUNTY, MICHIGAN, DESCRIBED AS: COMMENCING AT THE NORTHEAST CORNER OF SAID FRACTIONAL SECTION 12, THENCE S.00°30'00"W. ALONG THE EAST LINE OF SAID FRACTIONAL SECTION 1176.42 FEET THENCE N.89°24'17"W. 1025.00 FEET TO THE POINT OF BEGINNING. THENCE S.00°34'29"W. 584.15 FEET; THENCE N.89°25'31"W. 261.66 FEET; THENCE S.00°34'29"W. 180.00 FEET; THENCE N.89°25'31"W. 25.79 FEET; THENCE S.00°34'29"W. 122.00 FEET; THENCE N.89°25'31"W. 307.73 FEET; THENCE S.00°34'29"W. 180.00 FEET; THENCE N.89°25'31"W. 3.52 FEET; THENCE S.00°34'29"W. 242.00 FEET; THENCE N.89°25'31"W. 2.80 FEET; THENCE S.00°34'29"W. 181.13 FEET; THENCE N.89°25'31"W. 708.53 FEET; THENCE N.00°11'52"E. 1489.79 FEET; THENCE S.89°24'17"E. 1319.83 FEET TO THE POINT OF BEGINNING CONTAINING 34.791 ACRES MORE OR LESS SUBJECT TO ANY AND ALL RIGHTS OF WAY OF RECORD OR OTHERWISE

BOUNDARY SURVEY

1"=300'

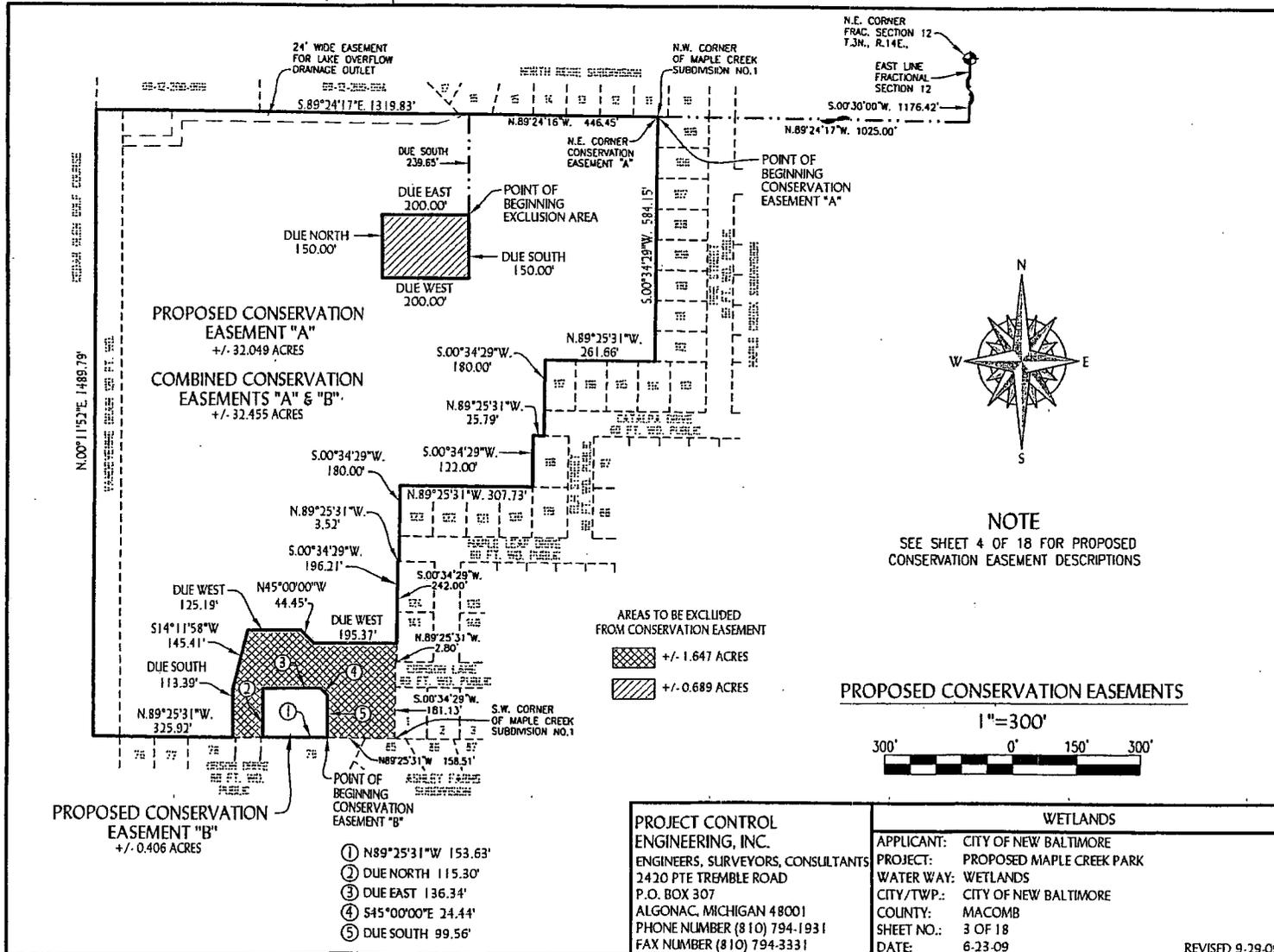


PROJECT CONTROL
 ENGINEERING, INC.
 ENGINEERS, SURVEYORS, CONSULTANTS
 2420 PTE TREMBLE ROAD
 P.O. BOX 307
 ALGONAC, MICHIGAN 48001
 PHONE NUMBER (810) 794-1931
 FAX NUMBER (810) 794-3331

WETLANDS
 APPLICANT: CITY OF NEW BALTIMORE
 PROJECT: PROPOSED MAPLE CREEK PARK
 WATER WAY: WETLANDS
 CITY/TWP: CITY OF NEW BALTIMORE
 COUNTY: MACOMB
 SHEET NO.: 2 OF 18
 DATE: 6-23-09

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- ① N89°25'31"W 153.63'
- ② DUE NORTH 115.30'
- ③ DUE EAST 136.34'
- ④ S45°00'00"E 24.44'
- ⑤ DUE SOUTH 99.56'

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 APPROVED PLANS
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LEGAL DESCRIPTION, CONSERVATION EASEMENT "A"

BEGINNING AT THE NORTHWEST CORNER OF MAPLE CREEK ESTATES SUBDIVISION NO.1, THENCE S.00°34'29"W. 584.15 FEET; THENCE N.89°25'31"W. 261.66 FEET; THENCE S.00°34'29"W. 180.00 FEET; THENCE N.89°25'31"W. 25.79 FEET; THENCE S.00°34'29"W. 122.00 FEET; THENCE N.89°25'31"W. 307.73 FEET; THENCE S.00°34'29"W. 180.00 FEET; THENCE N.89°25'31"W. 3.52 FEET; THENCE S.00°34'29"W. 196.21 FEET; THENCE DUE WEST 195.37 FEET; THENCE N.45°00'00"W. 44.45 FEET; THENCE DUE WEST 125.19 FEET; THENCE S.14°11'58"W. 145.41 FEET; THENCE DUE SOUTH 113.39 FEET; THENCE N.89°25'31"W. 325.92 FEET; THENCE N.00°11'52"E. 1489.79 FEET; THENCE S.89°24'17"E. 1319.83 FEET TO THE POINT OF BEGINNING. EXCLUDING AN AREA OF LAND COMMENCING AT THE NORTHEAST CORNER OF CONSERVATION EASEMENT "A", THENCE N.89°24'16"W. 446.45 FEET; THENCE DUE SOUTH 239.65 TO THE POINT OF BEGINNING. THENCE CONTINUING DUE SOUTH 150.00 FEET; THENCE DUE WEST 200.00 FEET; THENCE DUE NORTH 150.00 FEET; THENCE DUE EAST 200.00 FEET TO THE POINT OF BEGINNING.
 CONTAINING 32.049 ACRES MORE OR LESS SUBJECT TO ANY AND ALL RIGHTS OF WAY OF RECORD OR OTHERWISE

LEGAL DESCRIPTION, CONSERVATION EASEMENT "B"

COMMENCING AT THE SOUTHWEST CORNER OF MAPLE CREEK ESTATES SUBDIVISION NO.1, THENCE N.89°25'31"W. 158.51 FEET TO THE POINT OF BEGINNING. THENCE N.89°25'31"W. 153.63 FEET; THENCE DUE NORTH 115.30; THENCE DUE EAST 136.34 FEET; THENCE S.45°00'00"E. 24.44 FEET; THENCE DUE SOUTH 99.56 FEET TO THE POINT OF BEGINNING.
 CONTAINING 0.406 ACRES MORE OR LESS SUBJECT TO ANY AND ALL RIGHTS OF WAY OF RECORD OR OTHERWISE

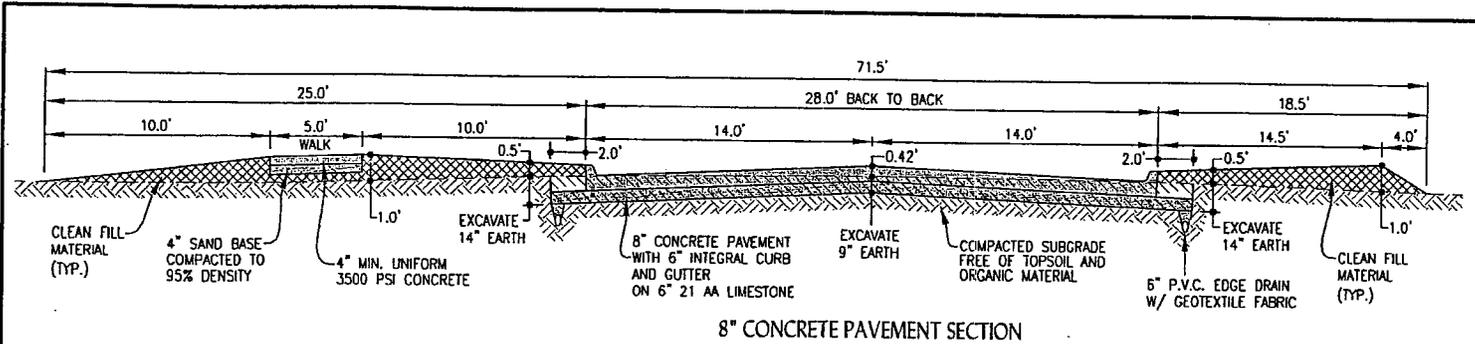
CONSERVATION EASEMENT DESCRIPTIONS

NO SCALE

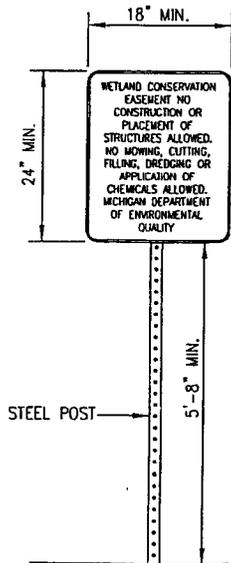
PROJECT CONTROL	WETLANDS
ENGINEERING, INC.	APPLICANT: CITY OF NEW BALTIMORE
ENGINEERS, SURVEYORS, CONSULTANTS	PROJECT: PROPOSED MAPLE CREEK PARK
2420 PTE TREMBLE ROAD	WATER WAY: WETLANDS
P.O. BOX 307	CITY/TWP.: CITY OF NEW BALTIMORE
ALGONAC, MICHIGAN 48001	COUNTY: MACOMB
PHONE NUMBER (810) 794-1931	SHEET NO.: 4 OF 18
FAX NUMBER (810) 794-3331	DATE: 6-23-09

REVISED 9-29-09

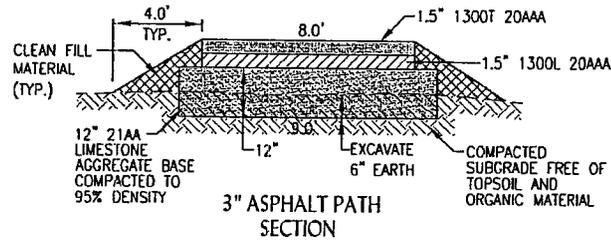
DEQ-LWMD
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8" CONCRETE PAVEMENT SECTION



"WETLAND CONSERVATION EASEMENT NO CONSTRUCTION OR PLACEMENT OF STRUCTURES ALLOWED. NO MOWING, CUTTING, FILLING, DREDGING OR APPLICATION OF CHEMICALS ALLOWED. MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY"



CONSERVATION EASEMENT SIGN,
 ROAD CROSS-SECTION AND
 ASPHALT PATH DETAILS

NOT TO SCALE

PROJECT CONTROL ENGINEERING, INC. ENGINEERS, SURVEYORS, CONSULTANTS 2420 PTE TREMBLE ROAD P.O. BOX 307 ALGONAC, MICHIGAN 48001 PHONE NUMBER (810) 794-1931 FAX NUMBER (810) 794-3331	WETLANDS APPLICANT: CITY OF NEW BALTIMORE PROJECT: PROPOSED MAPLE CREEK PARK WATER WAY: WETLANDS CITY/TWP.: CITY OF NEW BALTIMORE COUNTY: MACOMB SHEET NO.: 6 OF 18 DATE: 6-23-09
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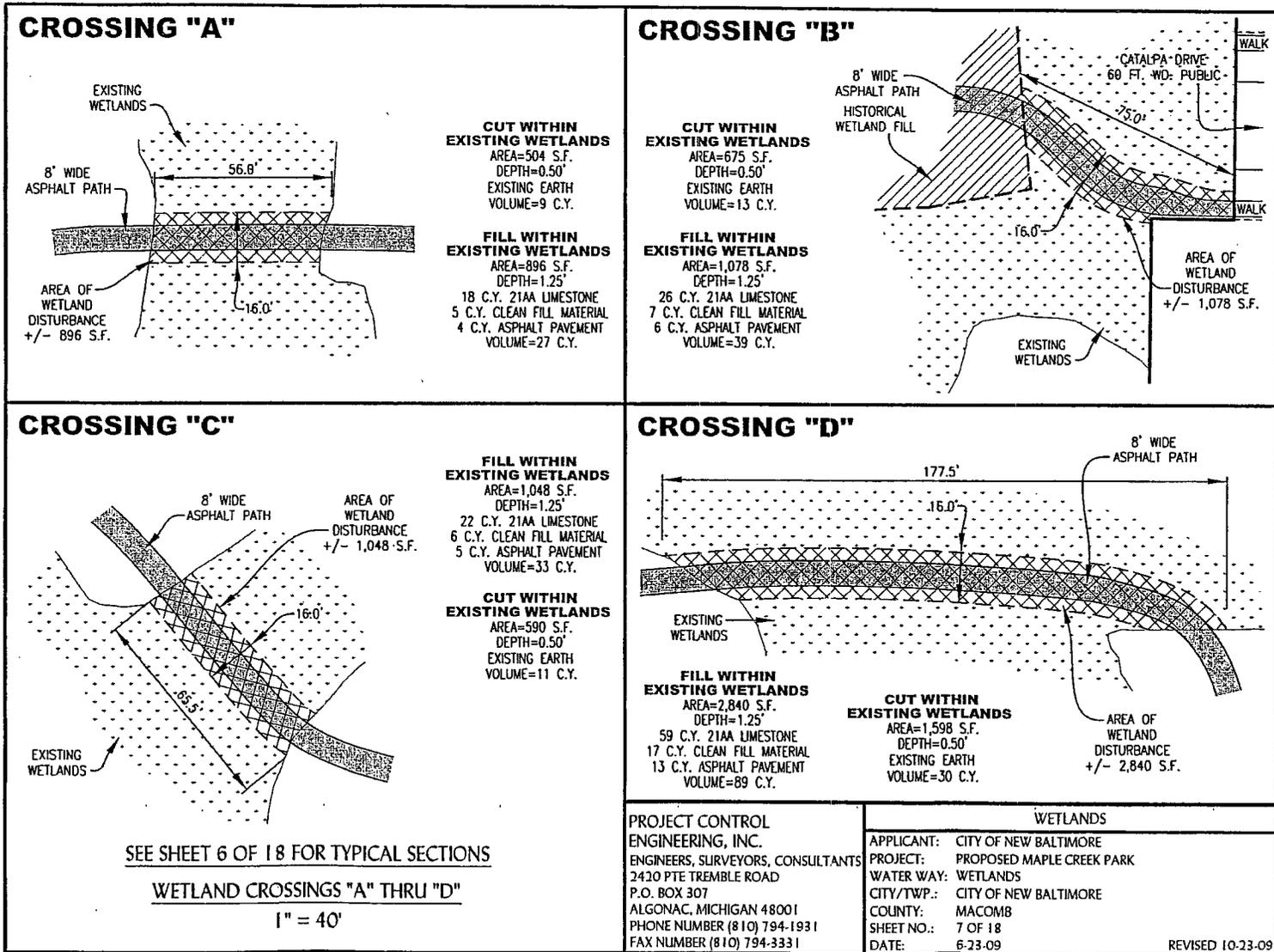
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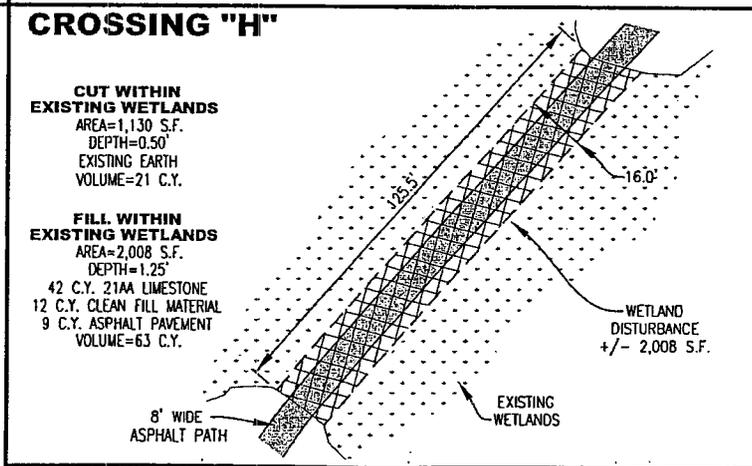
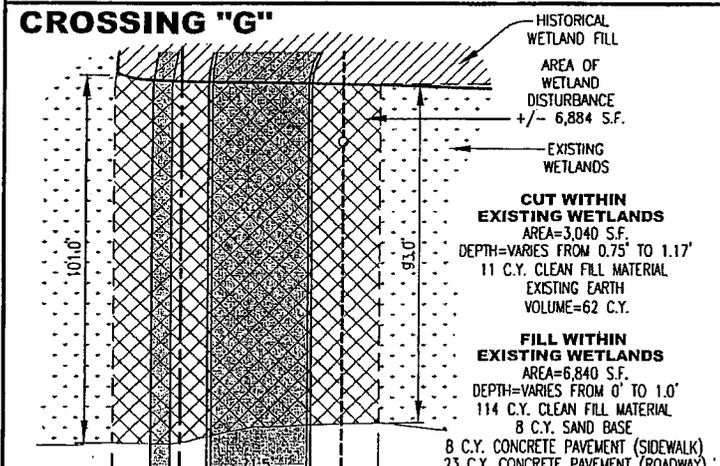
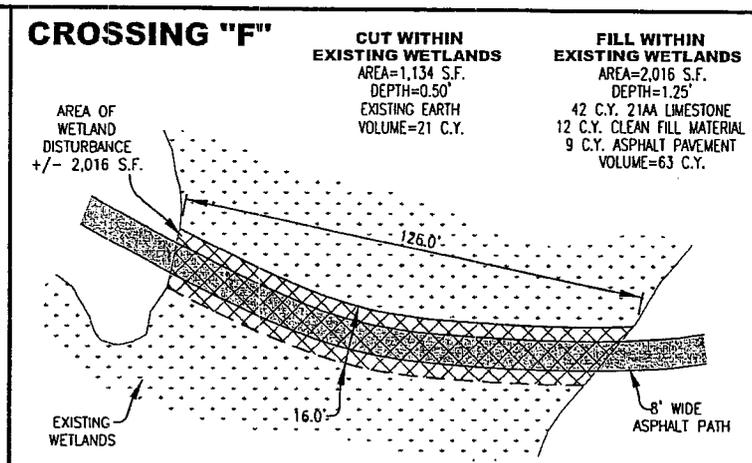
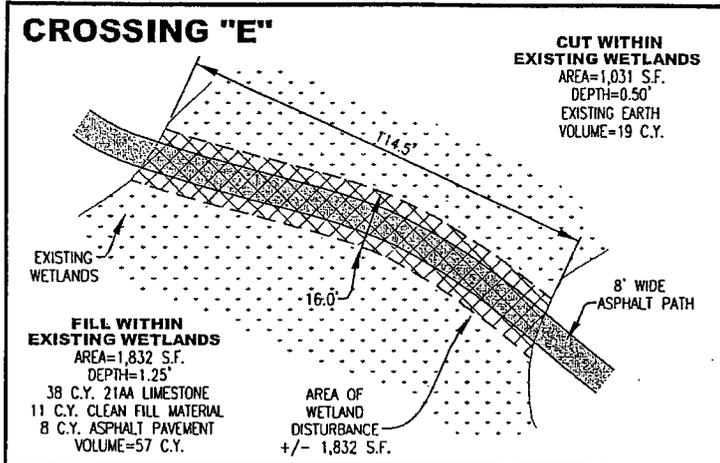
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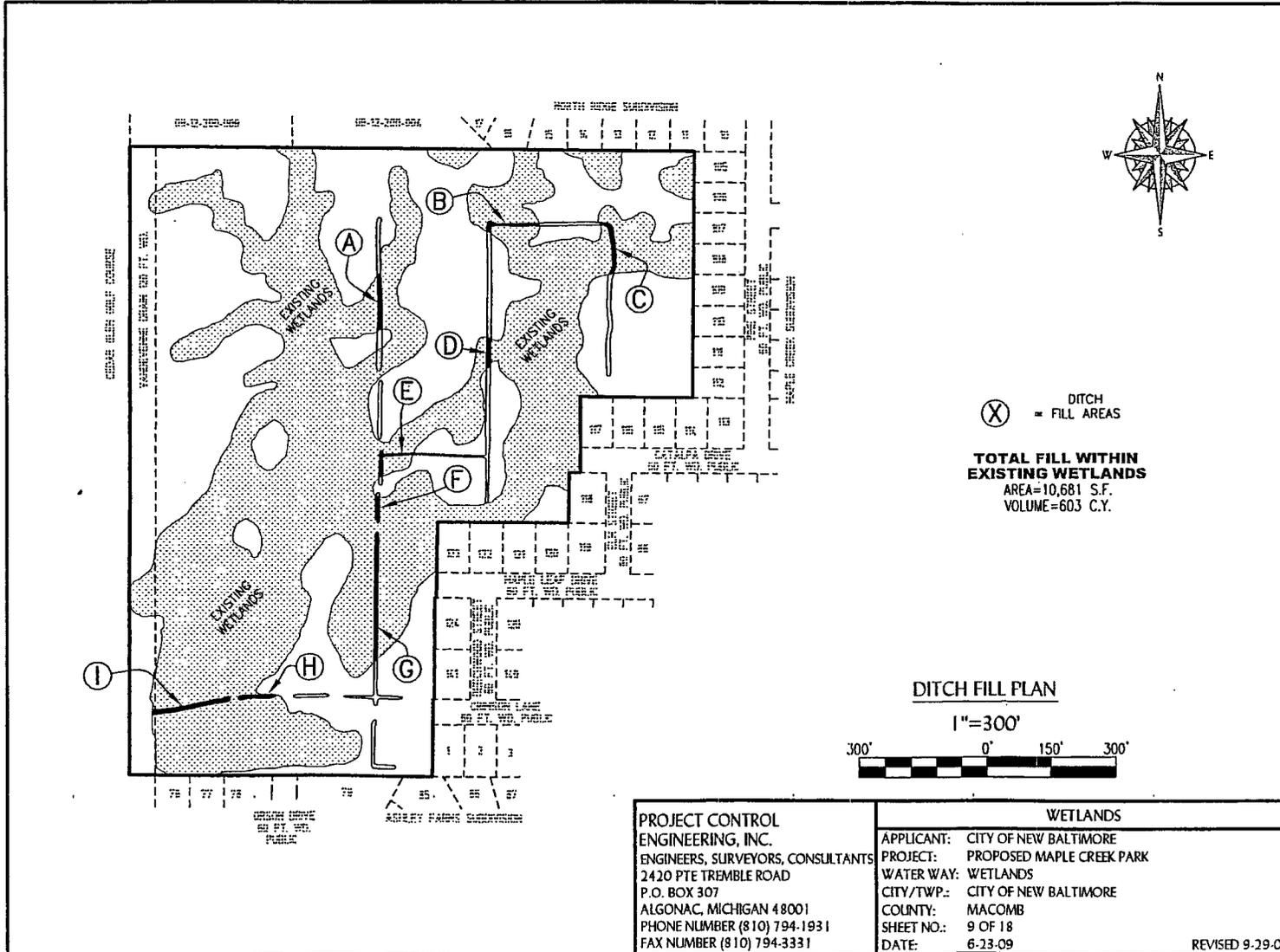
SEE SHEET 6 OF 18 FOR TYPICAL SECTIONS
 WETLAND CROSSINGS "E" THRU "H"
 1" = 40'

PROJECT CONTROL
 ENGINEERING, INC.
 ENGINEERS, SURVEYORS, CONSULTANTS
 2420 PTE TREMBLE ROAD
 P.O. BOX 307
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WETLANDS
 APPLICANT: CITY OF NEW BALTIMORE
 PROJECT: PROPOSED MAPLE CREEK PARK
 WATER WAY: WETLANDS
 CITY/TWP.: CITY OF NEW BALTIMORE
 COUNTY: MACOMB
 SHEET NO.: 8 OF 18
 DATE: 6-23-09

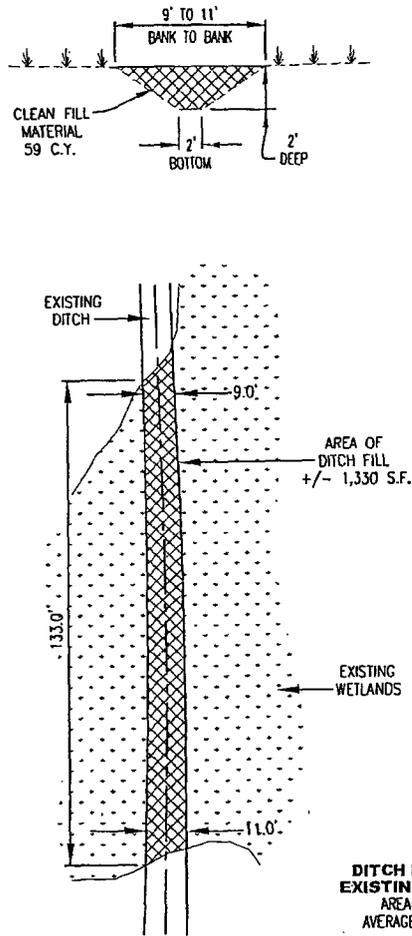
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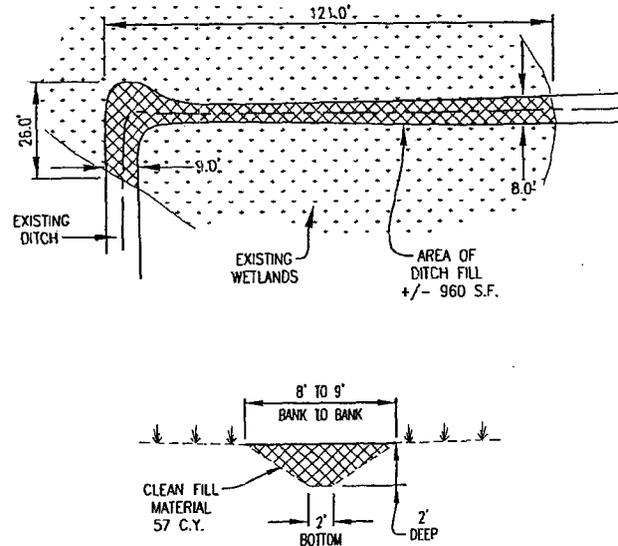
DITCH FILL "A"



**DITCH FILL WITHIN
 EXISTING WETLANDS**
 AREA=1,330 S.F.
 AVERAGE DEPTH=2.00'
 VOLUME
 59 C.Y. CLEAN FILL MATERIAL

DITCH FILL "B"

**DITCH FILL WITHIN
 EXISTING WETLANDS**
 AREA=960 S.F.
 AVERAGE DEPTH=2.00'
 VOLUME
 57 C.Y. CLEAN FILL MATERIAL



DITCH FILL PLAN AND CROSS-SECTION "A" & "B"

1" = 40'

PROJECT CONTROL
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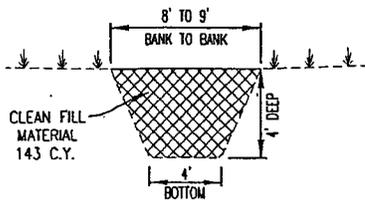
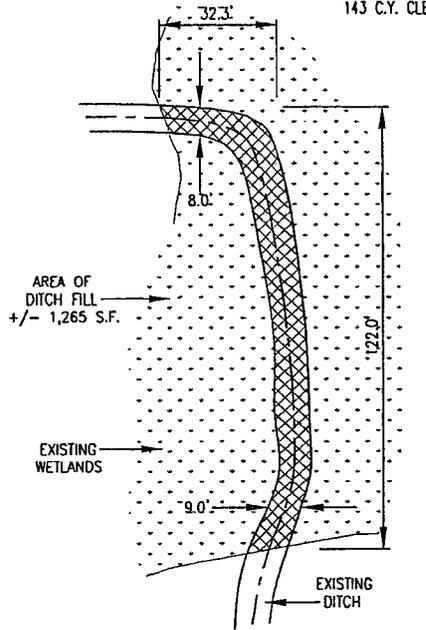
WETLANDS	
APPLICANT:	CITY OF NEW BALTIMORE
PROJECT:	PROPOSED MAPLE CREEK PARK
WATER WAY:	WETLANDS
CITY/TWP.:	CITY OF NEW BALTIMORE
COUNTY:	MACOMB
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 10/26/09

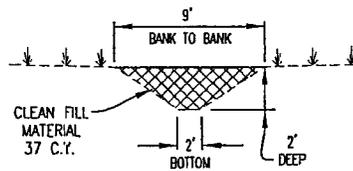
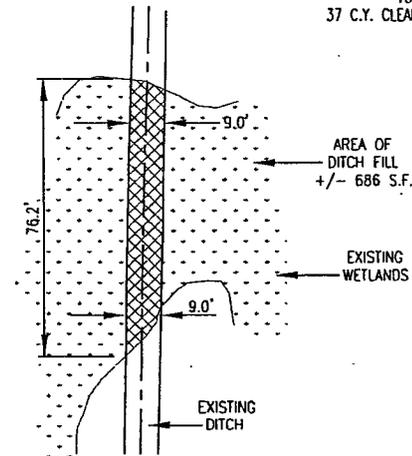
DITCH FILL "C"

**DITCH FILL WITHIN
 EXISTING WETLANDS**
 AREA=1,265 S.F.
 AVERAGE DEPTH=4.00'
 VOLUME
 143 C.Y. CLEAN FILL MATERIAL



DITCH FILL "D"

**DITCH FILL WITHIN
 EXISTING WETLANDS**
 AREA=686 S.F.
 AVERAGE DEPTH=2.00'
 VOLUME
 37 C.Y. CLEAN FILL MATERIAL



DITCH FILL PLAN AND CROSS-SECTION "C" & "D"

1" = 40'

PROJECT CONTROL
 ENGINEERING, INC.
 ENGINEERS, SURVEYORS, CONSULTANTS
 2420 PTE TREMBLE ROAD
 P.O. BOX 307
 ALGONAC, MICHIGAN 48001
 PHONE NUMBER (810) 794-1931
 FAX NUMBER (810) 794-3331

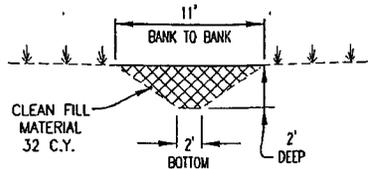
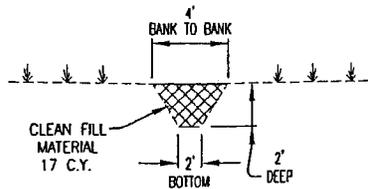
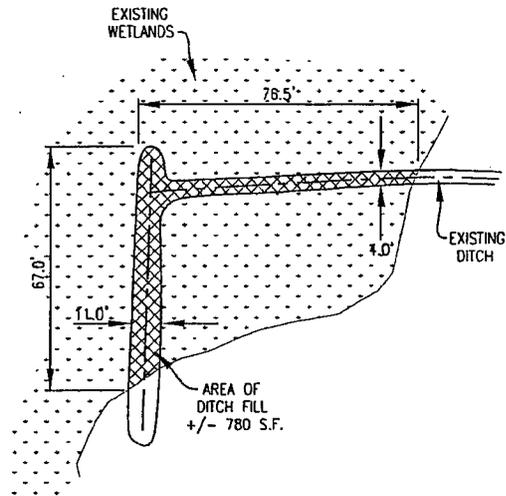
WETLANDS
 APPLICANT: CITY OF NEW BALTIMORE
 PROJECT: PROPOSED MAPLE CREEK PARK
 WATER WAY: WETLANDS
 CITY/TWP.: CITY OF NEW BALTIMORE
 COUNTY: MACOMB
 SHEET NO.: 11 OF 18
 DATE: 6-23-09

REVISED 9-29-09

DEQ-LWMD
 FILE #09-SD-0066-P
 APPROVED PLANS
 12 OF 18
 DIST - 10
 10/26/09

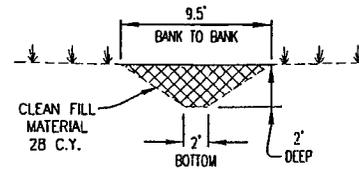
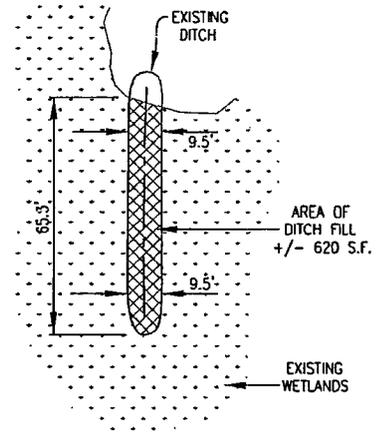
DITCH FILL "E"

**DITCH FILL WITHIN
 EXISTING WETLANDS**
 AREA=780 S.F.
 AVERAGE DEPTH=2.00'
 VOLUME
 49 C.Y. CLEAN FILL MATERIAL



DITCH FILL "F"

**DITCH FILL WITHIN
 EXISTING WETLANDS**
 AREA=620 S.F.
 AVERAGE DEPTH=2.00'
 VOLUME
 28 C.Y. CLEAN FILL MATERIAL



DITCH FILL PLAN AND CROSS-SECTION "E" & "F"

1" = 40'

PROJECT CONTROL
 ENGINEERING, INC.
 ENGINEERS, SURVEYORS, CONSULTANTS
 2420 PTE TREMBLE ROAD
 P.O. BOX 307
 ALGONAC, MICHIGAN 48001
 PHONE NUMBER (810) 794-1931
 FAX NUMBER (810) 794-3331

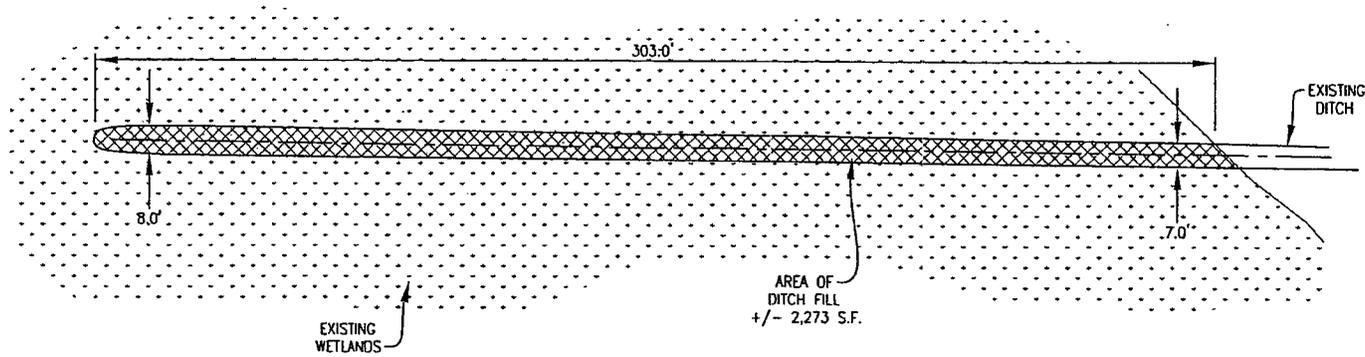
WETLANDS
 APPLICANT: CITY OF NEW BALTIMORE
 PROJECT: PROPOSED MAPLE CREEK PARK
 WATER WAY: WETLANDS
 CITY/TWP.: CITY OF NEW BALTIMORE
 COUNTY: MACOMB
 SHEET NO.: 12 OF 18
 DATE: 6-23-09

REVISED 9-29-09

DEQ-LWMD
 FILE #09-50-0066-P
 APPROVED PLANS
 13 OF 18
 DIST - 10
 10/26/09

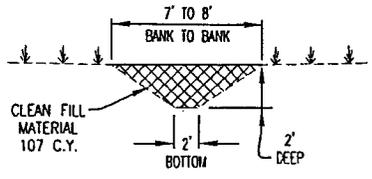
DITCH FILL "G"

**DITCH FILL WITHIN
 EXISTING WETLANDS**
 AREA=2,273 S.F.
 AVERAGE DEPTH=2.00'
 VOLUME
 107 C.Y. CLEAN FILL MATERIAL



AREA OF
 DITCH FILL
 +/- 2,273 S.F.

EXISTING
 WETLANDS

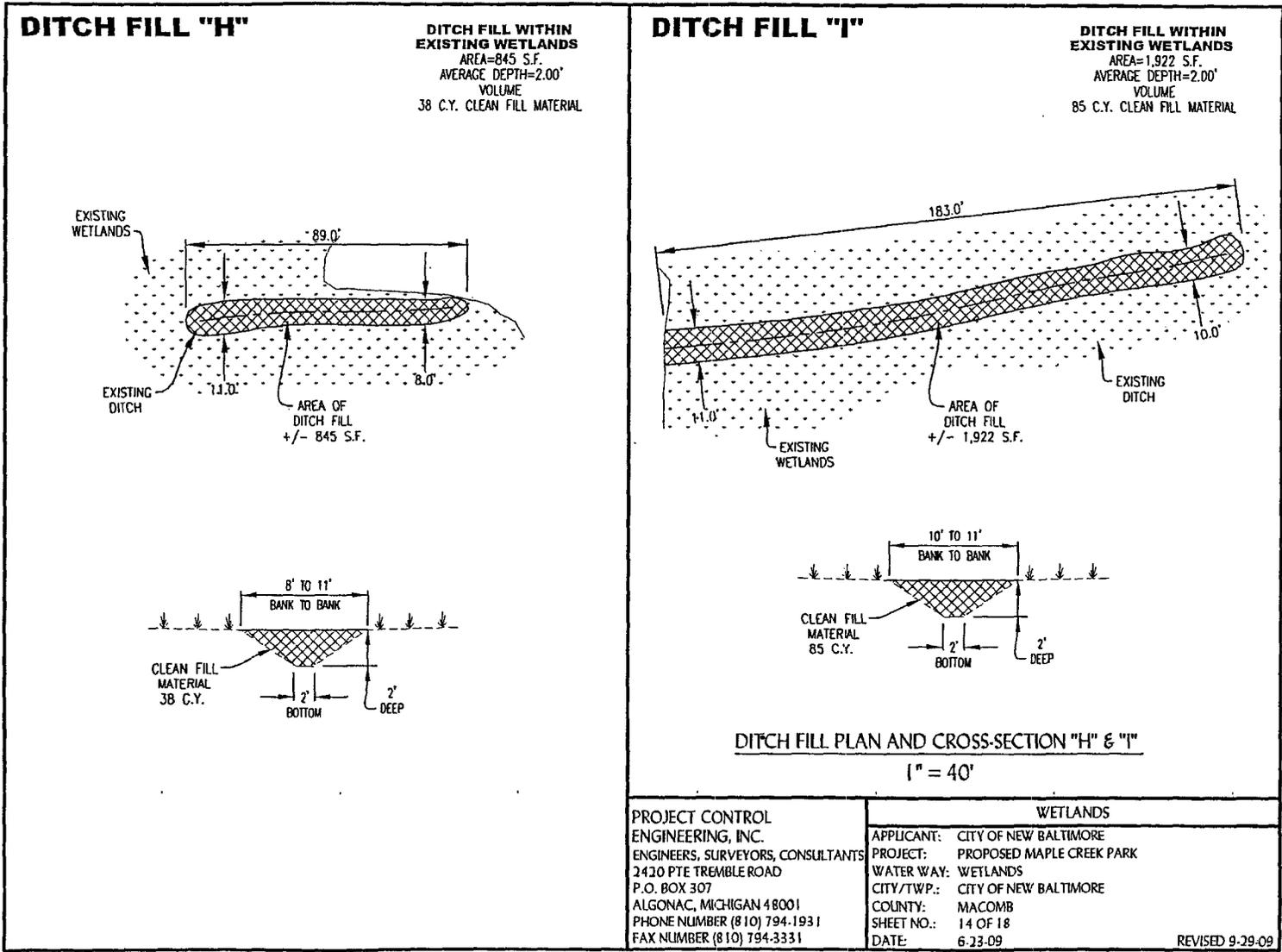


DITCH FILL PLAN AND CROSS-SECTION "G"

1" = 40'

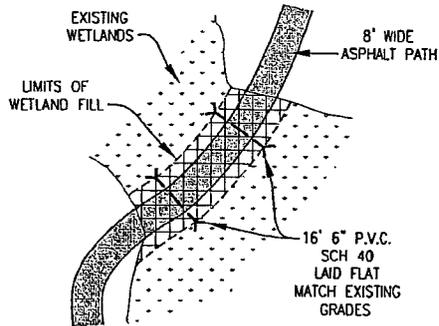
PROJECT CONTROL ENGINEERING, INC. ENGINEERS, SURVEYORS, CONSULTANTS 2420 PTE TREMBLE ROAD P.O. BOX 307 ALGONAC, MICHIGAN 48001 PHONE NUMBER (810) 794-1931 FAX NUMBER (810) 794-3331	WETLANDS	
	APPLICANT: CITY OF NEW BALTIMORE PROJECT: PROPOSED MAPLE CREEK PARK WATER WAY: WETLANDS CITY/TWP.: CITY OF NEW BALTIMORE COUNTY: MACOMB SHEET NO.: 13 OF 18 DATE: 6-23-09	REVISED 9-29-09

DEQ-LWMD
 FILE #09-50-0066-P
 APPROVED PLANS
 14 OF 18
 DIST - 10
 10/26/09

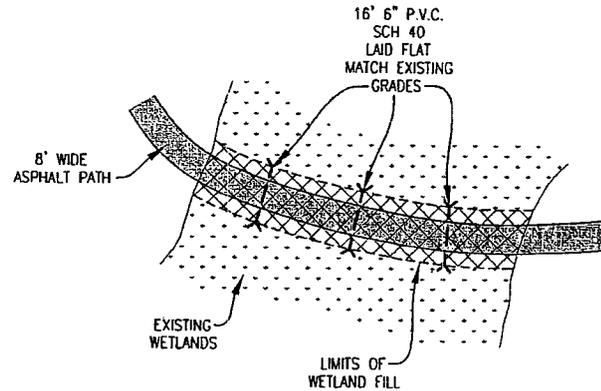


DEQ-LWMD
 FILE #09-SQ-0066-P
 APPROVED PLANS
 16 OF 18
 DIST - 10
 10/26/09

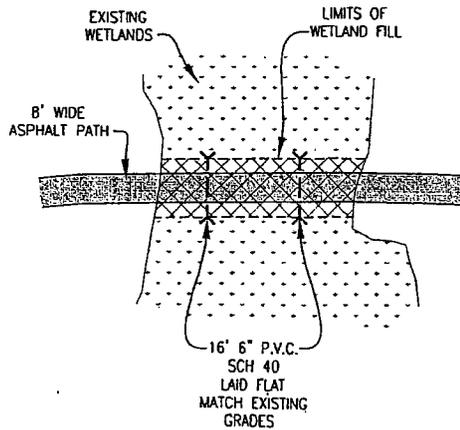
CROSSING "1"



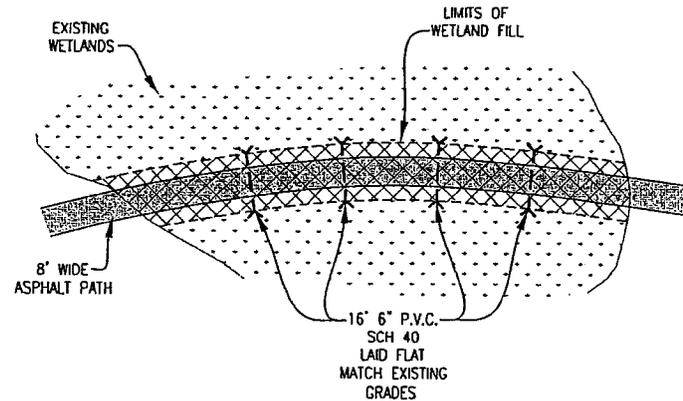
CROSSING "2"



CROSSING "3"



CROSSING "4"



SEE SHEET 15 OF 18 FOR CULVERT SECTION

WETLAND CROSSINGS "1" THRU "4"

1" = 40'

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 PHONE NUMBER (810) 794-1931
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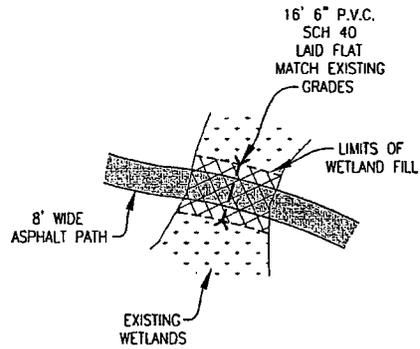
WETLANDS

APPLICANT: CITY OF NEW BALTIMORE
 PROJECT: PROPOSED MAPLE CREEK PARK
 WATER WAY: WETLANDS
 CITY/TWP.: CITY OF NEW BALTIMORE
 COUNTY: MACOMB
 SHEET NO.: 16 OF 18
 DATE: 6-23-09

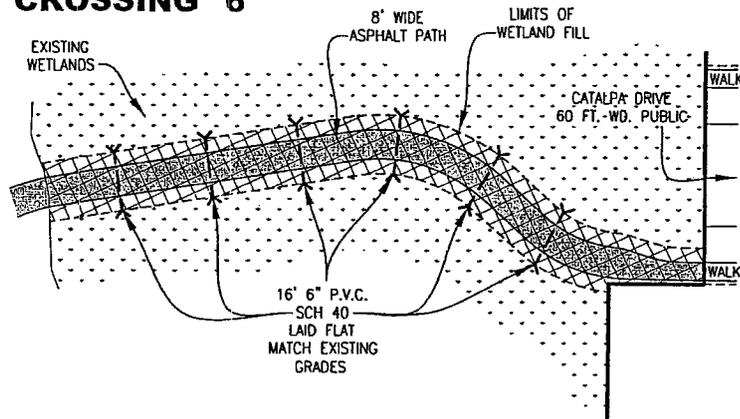
REVISED 9-29-09

DEQ-LWMD
 FILE # 09-50-0066-P
 APPROVED PLANS
 17 OF 18
 DIST - 10
 10/26/09

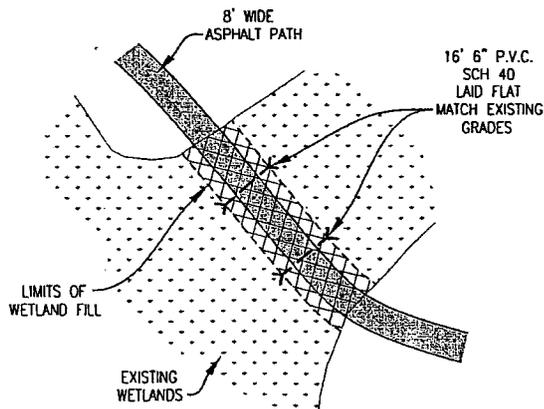
CROSSING "5"



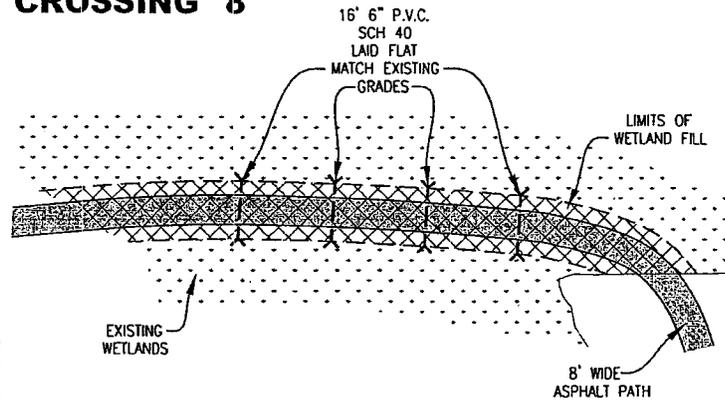
CROSSING "6"



CROSSING "7"



CROSSING "8"



SEE SHEET 15 OF 18 FOR CULVERT SECTION

WETLAND CROSSINGS "5" THRU "8"

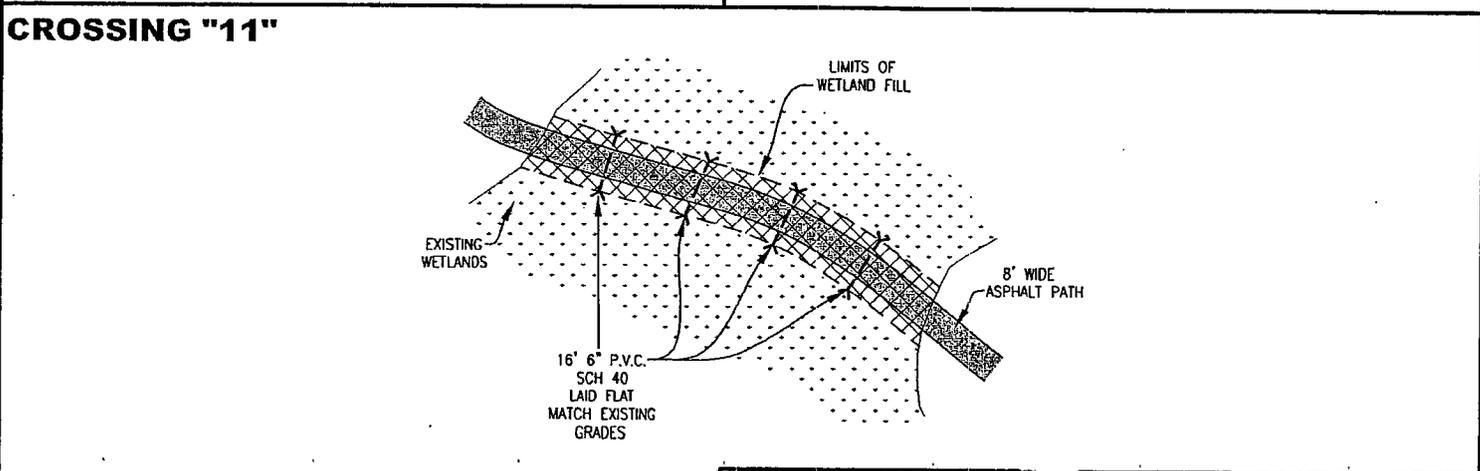
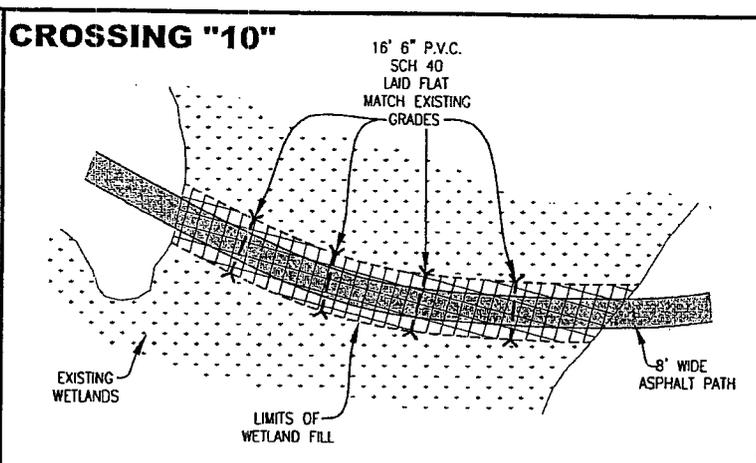
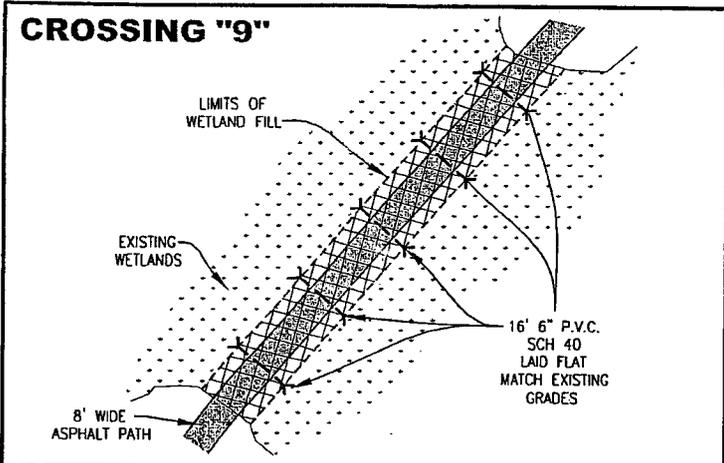
1" = 40'

PROJECT CONTROL
 ENGINEERING, INC.
 ENGINEERS, SURVEYORS, CONSULTANTS
 2420 PTE TREMBLE ROAD
 P.O. BOX 307
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 PHONE NUMBER (810) 794-1931
 FAX NUMBER (810) 794-3331

WETLANDS
 APPLICANT: CITY OF NEW BALTIMORE
 PROJECT: PROPOSED MAPLE CREEK PARK
 WATER WAY: WETLANDS
 CITY/TWP.: CITY OF NEW BALTIMORE
 COUNTY: MACOMB
 SHEET NO.: 17 OF 18
 DATE: 6-23-09

REVISED 10-23-09

DEQ-LWMD
 FILE #09-50-0066-P
 APPROVED PLANS
 18 OF 18
 DIST - 10
 10/26/09



SEE SHEET 15 OF 18 FOR CULVERT SECTION

WETLAND CROSSINGS "9" THRU "11"

1" = 40'

PROJECT CONTROL
 ENGINEERING, INC.
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 2420 PTE TREMBLE ROAD
 P.O. BOX 307
 ALGONAC, MICHIGAN 48001
 PHONE NUMBER (810) 794-1931
 FAX NUMBER (810) 794-3331

WETLANDS	
A	CITY OF NEW BALTIMORE
PROJECT:	PROPOSED MAPLE CREEK PARK
WATER WAY:	WETLANDS
CITY/TWP.:	CITY OF NEW BALTIMORE
COUNTY:	MACOMB
SHEET NO.:	18 OF 18
DATE:	6-23-09

REVISED 9-29-09