

**THE CORPORATION OF THE TOWN OF AMHERSTBURG**

**BY-LAW NO. 2003-49**

**A by-law to authorize the signing of a Development Agreement.**

**WHEREAS** C.D.L. Recyclers Inc. has proposed the development of property at 7084 Smith Industrial Drive for purposes of a warehousing/distribution centre for tires that are sent out for retreading;

**AND WHEREAS** the Council of the Town of Amherstburg and owners of the said property have agreed to the terms and conditions of a Development Agreement in the form annexed hereto;

**NOW THEREFORE THE COUNCIL OF THE CORPORATION OF THE TOWN OF AMHERSTBURG HEREBY ENACTS AS FOLLOWS:**

1. That the Mayor and Clerk be and they are hereby authorized to execute the original and copies of a Development Agreement in the form annexed hereto and affix the Corporate Seal thereto.
2. This By-law shall come into force and effect on the date of final passage hereof.

Read a first, second and third time and finally passed this 23rd day of June, 2003.

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
Clerk

Certified to be a true copy of By-law  
No. 2003-49 passed by the Amherstburg  
Municipal Council on June 23, 2003.

\_\_\_\_\_

FOR OFFICE USE ONLY

**CE 18299**  
**CERTIFICATE OF RECEIPT**  
**RECEPTE**  
**ESSEX (12) WINDSOR**  
**JUL 15 2003 16:55**  
**LAND REGISTRAR/REGISTRATEUR**

(1) Registry <input type="checkbox"/>	Land Titles <input checked="" type="checkbox"/>	(2) Page 1 of 12 pages		
(3) Property Identifier(s)	Block 01551	Property 0048		
Additional: See Schedule <input type="checkbox"/>				
(4) Nature of Document <b>Application to Register Notice of Development Agreement</b>				
(5) Consideration  Dollars \$				
(6) Description <b>Parcel Plan-2 Sec 12M-237</b> <b>Lot 16 Plan 12M-237</b>  <b>Town of Amherstburg, County of Essex</b>				
(7) This Document Contains: <table style="width: 100%; border: none;"> <tr> <td style="border: none;">(a) Redescription New Easement Plan/Sketch <input type="checkbox"/></td> <td style="border: none;">(b) Schedule for: Description <input type="checkbox"/> Additional Parties <input type="checkbox"/> Other <input checked="" type="checkbox"/></td> </tr> </table>			(a) Redescription New Easement Plan/Sketch <input type="checkbox"/>	(b) Schedule for: Description <input type="checkbox"/> Additional Parties <input type="checkbox"/> Other <input checked="" type="checkbox"/>
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New Property Identifiers Additional: See Schedule

Executions Additional: See Schedule

(8) This Document provides as follows:  
**The Corporation of the Town of Amherstburg has an unregistered estate, right, interest or equity in the above land of which C.D.L. RECYCLERS INC. is the registered owner and hereby apply to have Development Agreement dated jUNE 23RD, 2003, made between the The Corporation of the Town of Amherstburg and C.D.L. Recyclers Inc., entered on the Parcel Register.**

Continued on Schedule

(9) This Document relates to instrument number(s)

(10) Party(ies) (Set out Status or Interest) Name(s)	Signature(s)	Date of Signature M D
<b>THE CORPORATION OF THE TOWN OF AMHERSTBURG (Applicant) by its solicitor</b>		<b>2003 07 14</b>
	<b>Armando F. DeLuca, Q.C.</b>	

(11) Address for Service: **500-251 Goyeau St., Windsor, Ontario N9A 6V2**

(12) Party(ies) (Set out Status or Interest) Name(s)	Signature(s)	Date of Signature Y M D
<b>C.D.L. RECYCLERS INC. (owner)</b>		

(13) Address for Service

(14) Municipal Address of Property <b>vacant land</b> <b>Amherstburg, Ontario</b>	(15) Document Prepared by: <b>ARMANDO F. DELUCA, Q.C.</b> <b>MOUSSEAU, DELUCA, MCPHERSON,</b> <b>PRINCE, LLP</b> <b>500-251 GOYEAU ST.</b> <b>WINDSOR, ONTARIO</b> <b>N9A 6V2</b>	Fees and Tax <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Registration Fee</td> <td style="width: 30%; text-align: center;"><b>70</b></td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td><b>Total</b></td> <td style="text-align: center;"><b>70</b></td> </tr> </table>	Registration Fee	<b>70</b>					<b>Total</b>	<b>70</b>
Registration Fee	<b>70</b>									
<b>Total</b>	<b>70</b>									

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**DEVELOPMENT AGREEMENT**

Registered \_\_\_\_\_, 2003

THIS AGREEMENT made in quintuplicate this 23 day of JUNE, 2003.

BETWEEN: C.D.L. Recyclers Inc.  
  
hereinafter called the "OWNER"  
OF THE FIRST PART

-and-

THE CORPORATION OF THE TOWN OF  
AMHERSTBURG  
  
hereinafter called the "CORPORATION"  
OF THE SECOND PART

WHEREAS the lands affected by this Agreement are described in Schedule "A" attached hereto, and are hereinafter referred to as the "said lands";

AND WHEREAS the Owner warrants it is the registered owner of the said lands;

AND WHEREAS, in this Agreement the "Owner" includes an individual, an association, a partnership or corporation and, wherever the singular is used therein, it shall be construed as including the plural;

AND WHEREAS the Official Plan in effect in Amherstburg designated parts of the area covered by the Official Plan as a Site Plan Control area;

AND WHEREAS the Owner intends to develop or redevelop the said lands for a warehousing/distribution centre for tires that are sent out for retreading in accordance with the Site Plan attached hereto as schedule "B", and hereinafter referred to as the "Site Plan";

AND WHEREAS the Corporation as a condition of development or redevelopment of the said lands requires the Owner to enter into a Development Agreement;

NOW THEREFORE THIS AGREEMENT WITNESSETH that in consideration of other goods and valuable consideration and the sum of FIVE (\$5.00) DOLLARS of lawful money of Canada, now paid by each of the parties hereto to each of the other parties hereto, (the receipt of which is hereby acknowledged), the Owner hereby covenants and agrees with the Corporation as follows:

1. The following Schedules, which are identified by the signatures of the parties to this Agreement, and which are attached hereto, are hereby made a part of this Agreement as fully and to all intents and purposes as though recited in full herein:

- SCHEDULE "A" – Legal description of the said lands
- SCHEDULE "B" – Site Plan
- SCHEDULE "C" – Elevations
- SCHEDULE "D" – Site Servicing
- SCHEDULE "E" – Storm Water Detention Calculations
- SCHEDULE "F" – Landscaping

2. Schedule "A" hereto describes the lands affected by this Agreement.
3. Schedule "B" hereto shows:
  - (a) The location of all buildings and structures to be erected;
  - (b) The location and provision of off-street vehicular loading and parking facilities and access driveways including driveways for emergency vehicles;
  - (c) Walkways and all other means of pedestrian access;
  - (d) The location and provision for the collection and storage of garbage and other waste materials.
4. Schedule "C" hereto shows:
  - (a) Elevation Drawings
5. Schedule "D" hereto shows:
  - (a) Site Servicing Plan
6. Schedule "E" hereto shows:
  - (a) Storm Water Detention Calculations
7. Schedule "F" hereto shows:
  - (a) Landscaping Plan
8. The Owner shall be responsible for consulting with and obtaining any necessary approvals from Hydro One regarding any matters that relate to services provided by Hydro One.
9. The Owner shall be responsible for consulting with and obtaining any necessary approval from the Ministry of the Environment or the Essex Region Conservation Authority.
10. All of the exterior walls of the building shall be faced with decorative block, brick, stone, stucco, structural glass, tile, baked enamel on steel or similar finished material.
11. All parking or loading areas and lanes and driveways shall be paved with asphalt or a concrete Portland cement or other material capable of permitting accessibility under all climatic conditions, as shown on Schedule "B" and together with crushed stone, slag, gravel, crushed brick, tile, cinders or like materials, having a combined depth of at least 15.2 cm. and with provisions for drainage facilities.
12. The Owner shall maintain a minimum of parking spaces, as designated on Schedule "B".
13. All walkways on the said lands, where so designated on Schedule "B", shall be constructed of either concrete or interlocking paving stone by the Owner to the satisfaction of the Corporation.


14. If any curbs, sidewalks, boulevards or highway surfaces of the Corporation are damaged during the development by the Owner, such damage shall be repaired or replaced by the Owner.
15. Snow removal from the parking or loading areas and lanes, driveways and walkways shall be the responsibility of the Owner.
16. The Owner shall install and maintain a system for the disposal of storm and surface water as indicated on Schedule "D" and Schedule "E" so that no such water will flow along the surface from the said lands onto any adjoining lands. All storm and surface water disposal systems shall be to the satisfaction of the Corporation's Engineer and separated from the sanitary sewer.
17. Any garbage or refuse that is stored outside shall be stored in a non-combustible container and maintained so that the garbage or refuse does not blow or fall out of the container.
18. Any and all lighting shall be installed and maintained so as to not, in the opinion of the Corporation, interfere with the use or enjoyment of adjacent properties or with the safe flow of traffic on abutting or adjacent streets.
19. The Owner shall landscape and maintain in plants and ground cover acceptable to the Corporation those lands so indicated on Schedule "F". The Owner agrees that the site will be inspected on an annual basis and any deficiencies will require immediate correction in accordance with the approved site plan.
20. All driveways for emergency vehicles shall:
  - (1) Be connected with a public thoroughfare;
  - (2) Be designed and constructed to support expected loads imposed by firefighting equipment;
  - (3) Be surfaced with concrete, asphalt or other material capable of permitting accessibility under all climatic conditions;
  - (4) Have a clear width of 3 metres at all times;
  - (5) Be located not less than 3 metres and not more than 15.2 metres measured horizontally and at right angles from the face of the building;
  - (6) Have an overhead clearance not less than 4.5 metres;
  - (7) Have a change in gradient of not more than 1 in 12.5 over a minimum distance of 15.2 metres; and
  - (8) Have approved signs displayed to indicate the emergency route.
21. If the Ontario Building Code requires that an architect or professional engineer or both shall be responsible for the field review of any new building or extension provided for in this Agreement, the Owner shall not occupy or use or permit to be occupied or used any said new building or extension until after an architect or professional engineer has given to the Corporation a letter addressed to the Corporation and signed by him certifying that all services on or in the said lands, required for this development or redevelopment, newly installed by the Owner in connection with this development or redevelopment and not contained within a building, have been installed and completed in a manner satisfactory to the architect or professional engineer.

22. The Corporation through its servants, officers and agents including its building inspector, plumbing inspector, fire chief, public works head and municipal engineer may from time to time and at any time enter on the premises of the Owner to inspect:
  - (1) The progress of development;
  - (2) The state of maintenance as provided for in this Agreement.
23. In the event of any servant, officer or agent of the Corporation determining upon inspection the development is not proceeding in strict accord with the plans and specifications filed, such servant, officer or agent shall forthwith place a notice requiring all work to be stopped upon the premises and forward a copy by registered mail to the Owner at his last address as shown by the revised assessment rolls, and the Owner shall forthwith correct the deficiency or deviation.
24. In the event of any servant, officer or agent of the Corporation upon inspection being of the opinion that the state of maintenance is not satisfactory, such servant, officer or agent shall forthwith forward notice of such opinion to the Owner by registered mail at his last address as shown from the revised assessment rolls, and the Owner shall forthwith correct the deficiency or appeal to Council of the Corporation as hereinafter provided.
25. In the event that an Owner should disagree with the opinion of the servant, officer or agent of the Corporation as to the state of maintenance, such Owner shall appear before Council of the Corporation, which after hearing the Owner, shall express its opinion as to whether the maintenance is satisfactory by resolution, which shall constitute a final determination of the matter.
26. In the event that an Owner should fail to obey a stop work order issued under Section 23 hereof, the Owner recognizes the right of the Corporation to apply to the Courts for a restraining order.
27. In the event that an Owner should fail to correct a deviation or deficiency after notice pursuant to Section 24 or after notice of an opinion, which Council of the Corporation determines is correct under Section 25, the Council of the Corporation may by law direct or default of the matter or thing being done by the Owner, after two (2) weeks notice to it by registered mail at the last shown address of the Owner pursuant to the revised assessment rolls of passage of such by-law, that such matter or thing be done by the Corporation at the expense of the Owner, which expense may be recovered by action or like manner as municipal taxes.
28. In the event of an Owner wishing to change at any time any of the buildings, structures or facilities described in the plans annexed or referred to in Section 3 hereof, it shall make application to Council of the Corporation for approval and shall not proceed with such change until approval is given by such Council, or in default by the Ontario Municipal Board, under the procedure set out in Section 41 of the Planning Act, R.S.O. 1990 herebefore referred to.
29. This Agreement and the provisions thereof do not give to the Owner or any person acquiring any interest in the said lands any rights against the Corporation with respect to the failure of the Owner to perform or fully perform any of its obligations under this Agreement or any negligence of the Owner in its performance of the said obligations.

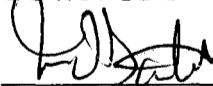
- 30. In the event that no construction on the said lands has commenced within one (1) year from the date of registration of this Agreement, the Corporation may, at its option, on one month's notice to the Owner, declare this Agreement to be subject to re-negotiation, whereupon the Owner agrees that it will not undertake any construction on the said lands until this Agreement has been re-negotiated.
- 31. All facilities and matters required by this Agreement shall be provided and maintained by the Owner at its sole risk and expense to the satisfaction of the Corporation and in accordance with the standards determined by the Corporation and in default thereof and without limiting other remedies available to the Corporation, the provisions of Section 469 of The Municipal Act shall apply.
- 32. A financial guarantee (Performance Bond, Letter of Credit or other security acceptable to the Corporation) for 100% of the cost of on-site improvements (other than buildings or structures) is required as part of the site plan agreement. The said amount to be approved by the Corporation's Manager of Public Services. A one (1) year maintenance security is also a requirement of this agreement with the option of reducing the security to 15% of the cost of the site improvements during the one (1) year maintenance period after the Town has inspected and initially approved same.
- 33. This Agreement shall be registered against the land to which it applies, at the expense of the Owner, and the Corporation shall be entitled, subject to the provisions of The Registry Act and The Land Titles Act, to enforce its provisions against the Owner named herein and any and all subsequent owners of the land.

IN WITNESS WHEREOF the Owner executed this Agreement.

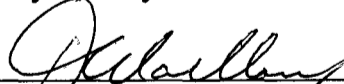
OWNER: C.D.L. Recyclers Inc.

  
 \_\_\_\_\_  
 Leo Beaudoin - PRES.

THE CORPORATION OF THE TOWN OF AMHERSTBURG

  
 \_\_\_\_\_  
 Mayor Tony DiBartolomeo

Authorized and approved by By-law No. 2003-49 enacted the 23rd day of June, 2003.

  
 \_\_\_\_\_  
 Clerk - David Mailloux

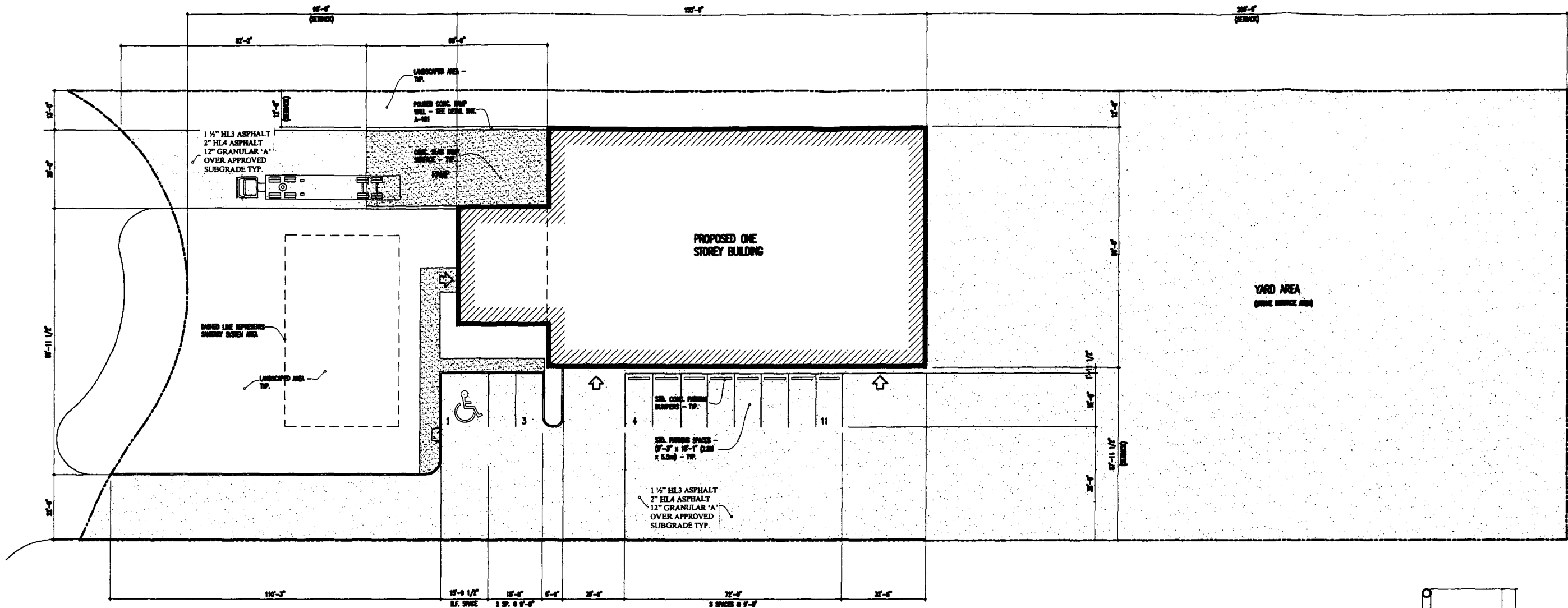
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**SCHEDULE "A"**

The following is a description of the land to which this instrument applies:

Lot 16, Plan 12M-237  
Town of Amherstburg  
(formerly Township of Anderdon)  
County of Essex





**SITE STATISTICS**

SITE AREA	70 201 SF
BUILDING AREA	11 200 SF
BUILDING COVERAGE	15.95 %
PARKING REQUIRED (1 SP. / 1 076 SF)	10.40 SPACES
PARKING PROVIDED	11 SPACES

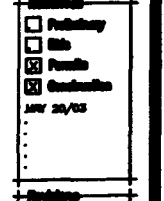
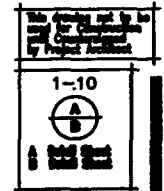
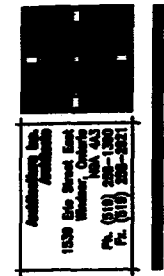
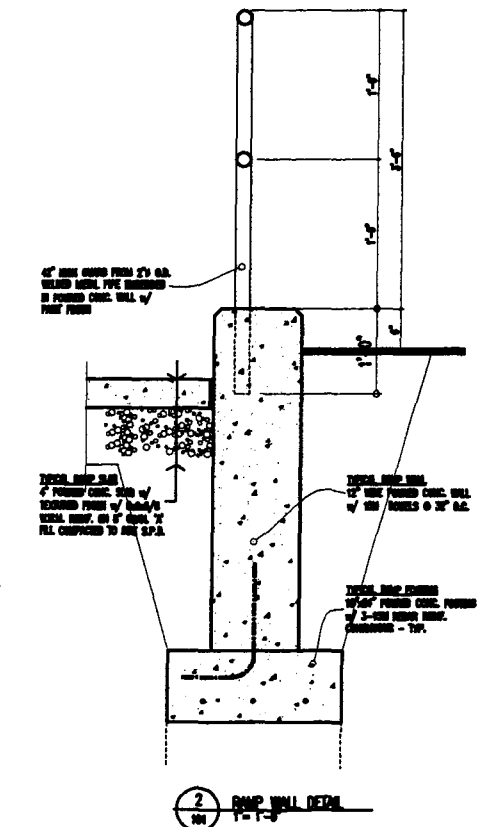
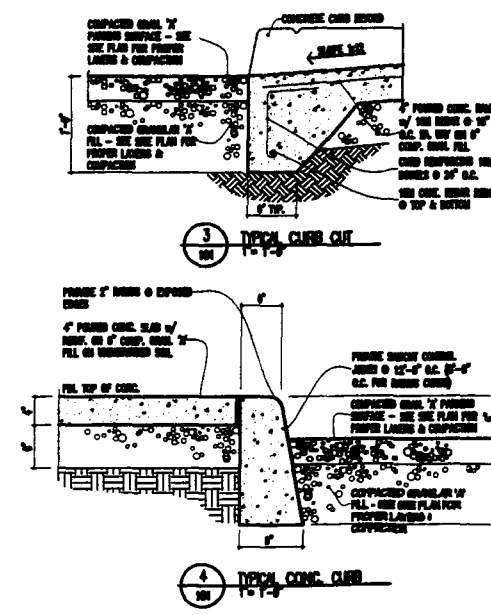
SCHEDULE "B" TO BY-LAW 2003-49

*Leo Beaudoin*  
C.D.L. RECYCLERS - LEO BEAUDOIN

TOWN OF AMHERSTBURG

*F. J. Di Bartolomeo*  
MAYOR - TONY DIBARTOLOMEO

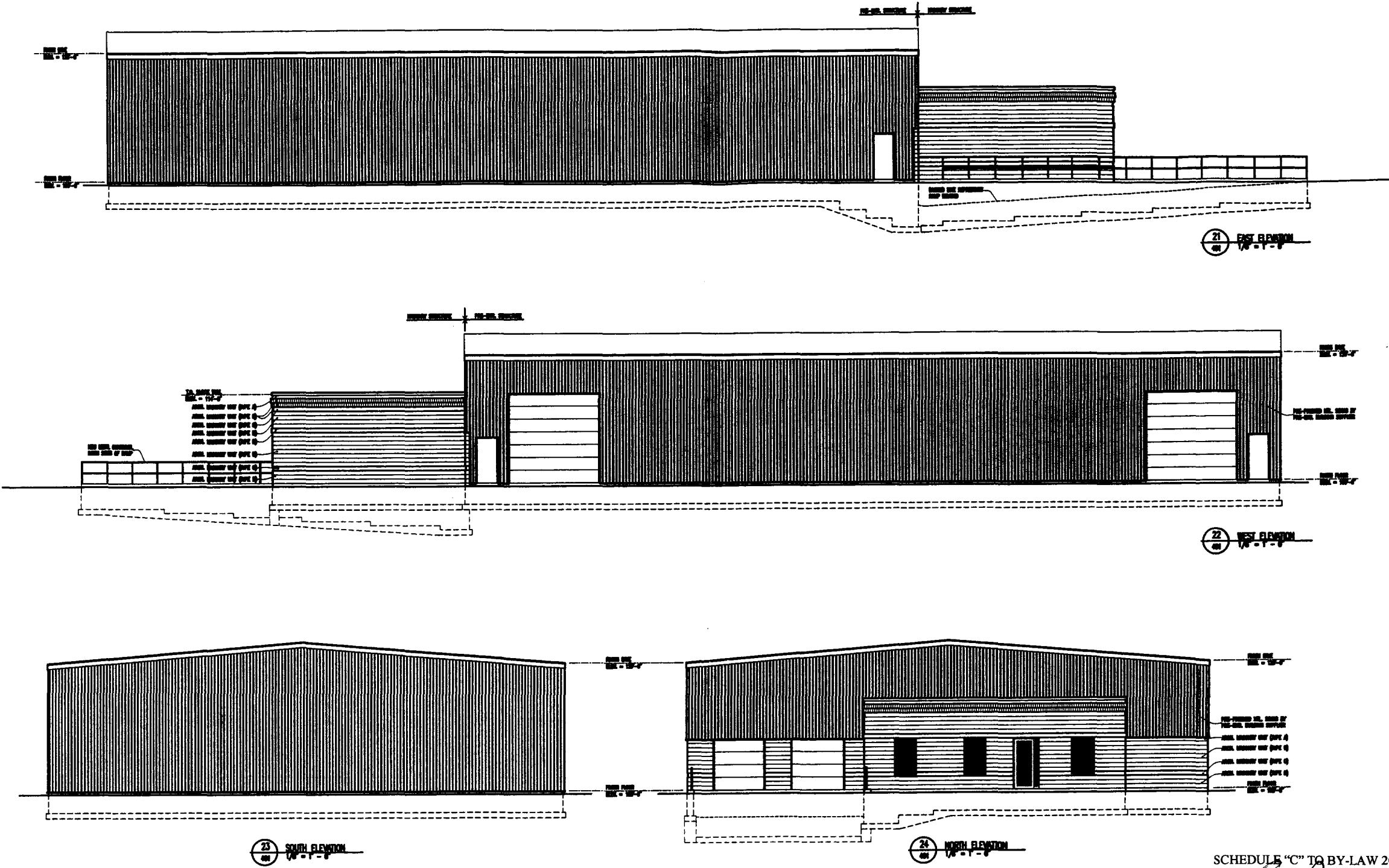
*David Mailoux*  
CLERK - DAVID MAILLOUX



SITE PLAN

PROPOSED NEW BUILDING FOR C.D.L. RECYCLERS AMHERSTBURG ONTARIO

DATE: MAY 2003  
PROJECT NO.: 0318  
DRAWING NO.: A-101



SCHEDULE "C" TO BY-LAW 2003-49  
*Leo Beaudoin*  
 C.D.L. RECYCLERS - LEO BEAUDOIN

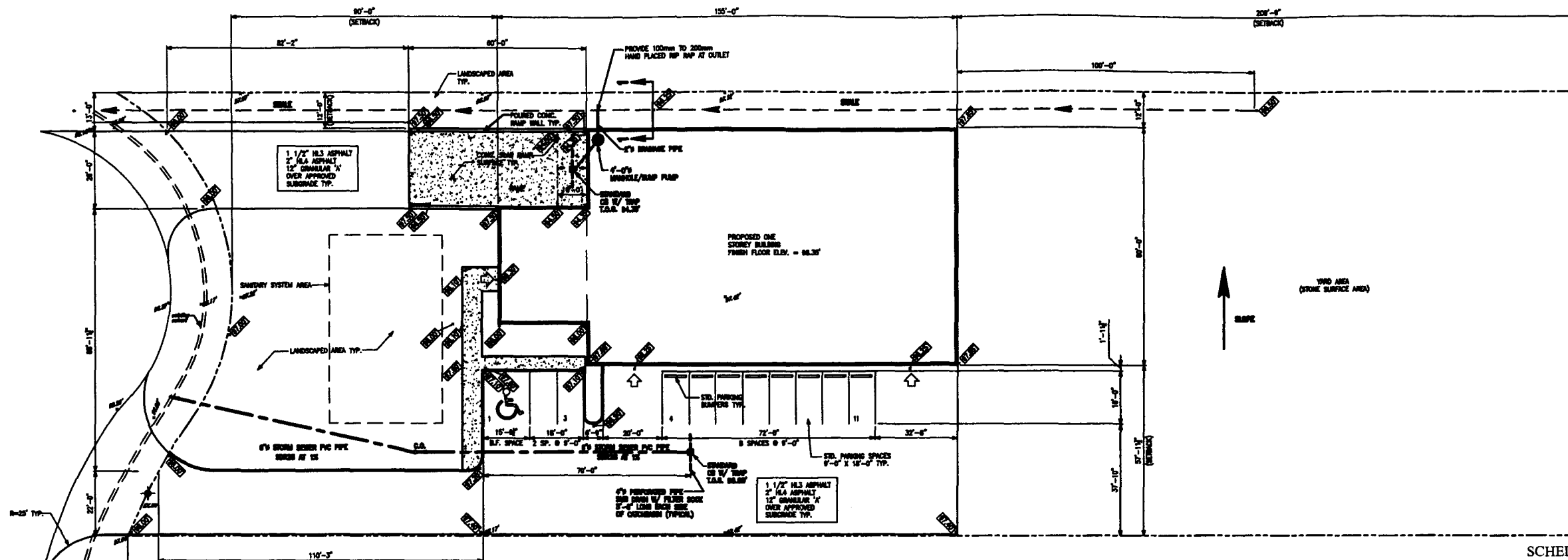
TOWN OF AMHERSTBURG  
*Tony DiBartolomeo*  
 MAYOR - TONY DIBARTOLOMEO  
*David Mailloux*  
 CLERK - DAVID MAILLOUX

ARCHITECTURE  
 1500 St. Lawrence St.  
 Amherstburg, Ontario  
 N9W 1G7  
 Tel: (519) 821-1111

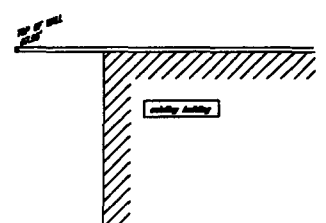
21-30  
 NORTH

ELEVATIONS

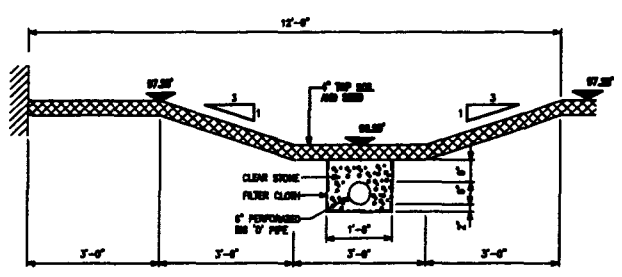
ARCHITECTURA INC. - ARCHITECTS  
 PROPOSED  
 NEW BUILDING  
 FOR  
 C.D.L. RECYCLERS  
 AMHERSTBURG ONTARIO  
 TEAM 1  
 D.A.S.  
 MAY 2003  
 0318  
 A-401



BENCHMARK TOP BOLT OF FIRE HYDRANT  
SET ELEVATION = 100.00'



**SITE PLAN**  
SCALE 1" = 30'-0"



**SWALE DETAIL 1-1**  
SCALE 1/2" = 1'-0"

SCHEDULE "D" TO BY-LAW 2003-49

*Leo Beaudoin*  
C.D.L. RECYCLERS - LEO BEAUDOIN

SITE STATISTICS	
SITE AREA	70,201 SF
BUILDING AREA	11,208 SF
BUILDING COVERAGE	16.05 %
PARKING REQUIRED (1 SP. / 1,076 SF)	10.40 SPACES
PARKING PROVIDED	11 SPACES

TOWN OF AMHERSTBURG  
*Tony Di Bartolomeo*  
MAYOR - TONY DIBARTOLOMEO  
*David Mailloux*  
CLERK - DAVID MAILLOUX

- SITE WORK GENERAL NOTES:**
- ALL WORK SHALL CONFORM TO TOWN OF AMHERSTBURG AND PUBLIC UTILITIES COMMISSION SPECIFICATIONS AND TO THE CURRENT BUILDING CODE.
  - CONTRACTOR TO COORDINATE SITE AND BUILDING ACCESS AND CONSTRUCTION STORAGE AREAS WITH THE OWNER.
  - REMOVE ANY EXISTING UTILITIES, MECHANICAL, TREES, AND OTHER BELIEVABLE MATERIAL TO EXPOSE THE SUBGRADE SOIL. TREE ROOTS SHOULD BE COMPLETELY REMOVED IN ACCORDANCE WITH O.P.S.S. 201.
  - EXCAVATE TO THE DEPTH OF THE FINAL SUBGRADE ELEVATION TO ALLOW FOR GRADE CHANGES AND THE PLACEMENT OF THE RECOMMENDED PAVEMENT SYSTEM.
  - THE LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR ACCURATELY LOCATING UTILITIES PRIOR TO CONSTRUCTION AND FOR ACCURATELY PROTECTING EXISTING UTILITIES DURING CONSTRUCTION.
  - FRENCH DRAINING UNDER THE PAVEMENT AREAS AND WITHIN 2' OF FOREMONT AREAS SHALL BE SIMILAR TO TYPE 1 MATERIAL COMPACTED TO 95% A.P.A.D.A.
  - PROVIDE EROSION CONTROL AS NECESSARY THROUGHOUT THE SITE. ENSURE THAT EXISTING EROSION CONTROL AT THE SITE IS CHANGED TO A BUMP WHEEL SOLUTION. PROTECTIVE, SILT FENCE, FILTERS, ETC. ARE PROVIDED BEFORE THE DRAINAGE IS DISCHARGED.
- INDICATES EXISTING ELEVATION  
 INDICATES PROPOSED ELEVATION

**ALEO ASSOCIATES INC.**  
CONSULTING ENGINEERS

204 EINE STREET EAST, WINDSOR, ONTARIO, CANADA N9A 2Y4  
719-244-7925 (719) 254-7925 FAX/EMAIL (719) 254-0885

NO.	DATE	REVISION
1	2008-01-09	ISSUED FOR PERMIT

PROJECT TITLE  
**NEW BUILDING FOR CDL RECYCLERS**  
AMHERSTBURG, ONTARIO

PROJECT NO.  
**2405**

DATE  
**2008-01-09**

SCALE  
**1" = 30'-0"**

PROJECT TITLE  
**SITE PLAN, GENERAL NOTES & MISCELLANEOUS DETAILS**

PROJECT NO.  
**C1.1**

**ALEO ASSOCIATES INC.**  
**CONSULTING ENGINEERS**  
 204 EINE STREET EAST, WINDSOR, ONTARIO, CANADA N9A 2Y4  
 719-244-7925 (719) 254-7925 FAX/EMAIL (719) 254-0885

**NEW BUILDING FOR CDL RECYCLERS - AMHERSTBURG, ON  
 ON-SITE STORM WATER DETENTION CALCULATIONS**

**PROJECT NAME:** NEW BUILDING FOR CDL RECYCLERS  
**PROJECT No.:** 2405  
**PREPARED BY:** B.D.  
**DATE:** May 2003  
**FILENAME:** 2405.1\_5 Year.May.2003.wb3

**A. PRE-DEVELOPED SITE CONDITIONS:**

Existing Site Area =	6525 sq.m =	0.6525 Ha	
Existing Roof Area =	0 sq.m :	0.0000 Ha	C= 0.95
Existing Paved, Gravel & Concrete Area=	0 sq.m :	0.0000 Ha	C= 0.90
Existing Grassed Area =	3598 sq.m :	0.3598 Ha	C= 0.20
Existing Stoned Area =	2927 sq.m :	0.2927 Ha	C= 0.80

**B. PROPOSED SITE CONDITIONS:**

Proposed Site Area =	6525 sq.m :	0.6525 Ha	
Total Roof Area =	1041 sq.m :	0.1041 Ha	C= 0.95
Total Paved and Concrete Area=	1460 sq.m :	0.1460 Ha	C= 0.90
Proposed Grassed Area =	1097 sq.m :	0.1097 Ha	C= 0.20
Stoned Area =	2927 sq.m :	0.2927 Ha	C= 0.80

**C. RUNOFF COEFFICIENTS:**

**EXISTING (average):allowable**  
 $C_{und} = \frac{(0 * 0.95) + (0 * 0.90) + (3598 * 0.20) + (2927 * 0.80)}{6525}$   
 $C_{und} = 0.47$

**PROPOSED(average):**  
 $C_{dev} = \frac{(1041 * 0.95) + (1460 * 0.90) + (1097 * 0.20) + (2927 * 0.80)}{6525}$   
 $C_{dev} = 0.75$

**D. PRE-DEVELOPED (ALLOWABLE) DISCHARGE FOR 1:5 YEAR FREQUENCY STORM:**

Average Runoff Coefficient,  $C_{und} = 0.47$   
 Inlet Time = 26.0 minutes  
 Intensity,  $i = 45.34$  mm/hr

Where Intensity,  $i = 25 * (T/60)^{-0.712}$ ,  
 for AES (1990)

$Q_{und} = 2.78 * C_{und} * i * A$   
 $= 2.78 * 0.47 * 45.34 * 0.6525$   
 $= 38.59$  L/s

**E. POST-DEVELOPMENT DISCHARGE:**

Average Runoff Coefficient,  $C_{dev} = 0.75$   
 Inlet Time = 26.0 minutes  
 Intensity,  $i = 45.34$  mm/hr

Where Intensity,  $i = 25 * (T/60)^{-0.712}$ ,  
 for AES (1990)

$Q_{dev} = 2.78 * C_{dev} * i * A$   
 $= 2.78 * 0.75 * 45.34 * 0.6525$   
 $= 61.31$  L/s

**F. STORM VOLUME CALCULATIONS:**

Duration (min.) t	Intensity* (mm/hr) i	$Q_d = 2.78 C_i A$ $Q_d = 1.36 * i$ (L/s)	Storm Volume- (cu.m.) $V1 = Q_{dev} t 60$	Relief Volume** (cu.m.) $V2 = Q_{und} t 60$	Storage (cu.m.) $V1 - V2$	Max ***
0	0.00	0.00	0.00	0.00	0.00	
5	146.66	199.53	59.86	11.58	48.28	
10	89.53	121.81	73.08	23.15	49.93	***
15	67.08	91.26	82.14	34.73	47.41	
20	54.66	74.36	89.23	46.31	42.93	
25	46.63	63.44	95.15	57.88	37.27	
30	40.95	55.71	100.28	69.46	30.82	
35	36.70	49.92	104.84	81.04	23.80	

\* Where Intensity,  $i = 25 * (T/60)^{-0.712}$ , for AES (1990)

\*\*  $Q_{und} = 38.59$  L/s

\*\*\* Maximum volume to be stored = **49.93 m<sup>3</sup>**

**G. DESIGN OF PROPOSED STORM WATER MANAGEMENT SYSTEM**

\*Estimated 1:5 year water surface elevation at the road side ditch = 97.00'

\*Water surface in the swale = 97.00', Therefore no flow restrictor is required.

\*The storm water management system will have inflow and outflow capabilities.

**H. DESIGN OF PROPOSED STORM WATER RETENTION**

Volume of storm water to be stored = 49.93 m<sup>3</sup>

Volume of proposed swale = (110 m x 1 m x 0.3 m) + (110 m x (1.8 m x 0.3 m)/2) = 63 m<sup>3</sup>

Volume of proposed swale > Volume to be stored



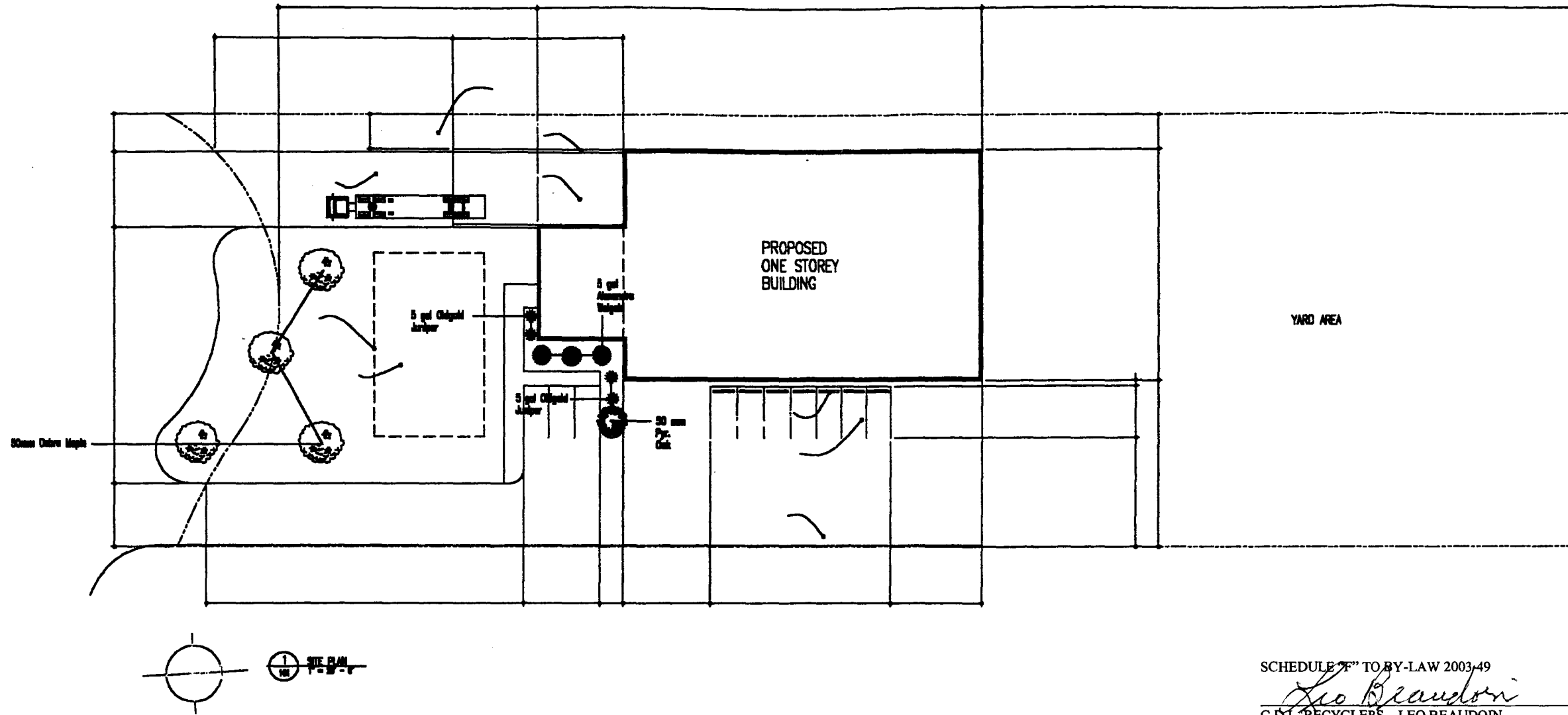
SCHEDULE "E" TO BY-LAW 2003-49

*Leo Beaudoin*  
 C.D.L. RECYCLERS - LEO BEAUDOIN

TOWN OF AMHERSTBURG

*Tony DiBartolomeo*  
 MAYOR - TONY DIBARTOLOMEO

*David Mailloux*  
 CLERK - DAVID MAILLOUX



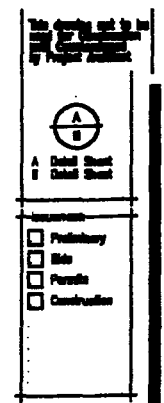
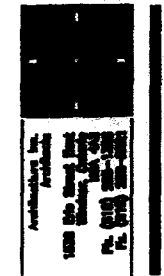
SCHEDULE "F" TO BY-LAW 2003-49

*Leo Beaudoin*  
 C.D.L. RECYCLERS - LEO BEAUDOIN

TOWN OF AMHERSTBERG

*T. Di Bartolomeo*  
 MAYOR - TONY DIBARTOLOMEO

*David Mailloux*  
 CLERK - DAVID MAILLOUX



Scale: 1/8" = 1'-0"  
 SITE PLAN

Project/Client: PROPOSED NEW BUILDING FOR C.D.L. RECYCLERS AMHERSTBERG ONTARIO  
 Date: 12/18/03  
 Drawn by: [Signature]  
 Checked by: [Signature]  
 Project No.: 12345

ARCHITECTURA INC. - ARCHITECTS

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