

JULY 31, 2013



Dear to whom it may concern,

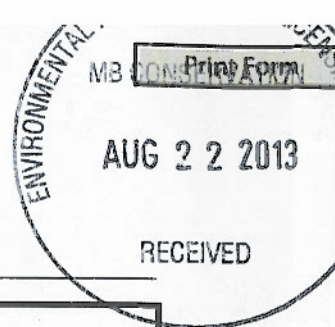
Ballycastle Distribution Ltd is applying for a License under the Environmental Act. We are located on 815 Dugald Road, it is a zoned a commercial property M3. Kitchen cabinet shops have been at this location for over 30 years( Douthart cabinet, St. Boniface cabinets and now Ballycastle). Ballycastle manufactures thermofoil doors and kitchen cabinets in a 7,000 sq ft workshop on ½ an acre. Ballycastle has 2 CNC routers that are running 8- 12 hours a day and sometimes on weekends. The 2 routers create fine sawdust that the dust collector(8 ft wide x 20 ft high) outside the building collects. The sawdust is very fine and blows in the wind when emptied into the large BFI garbage bin. The fine dust and the wind will fly into my neighbours' property. I have received 2 complaints (by neighbour) in 2 years regarding my dust from an environmental engineer. Dugald road has many residential homes living on commercial zoned property street. Ballycastle needs to be licensed Class 1 and I will provide an action plan to reduce the amount of dust going in the air.

Thank you

Cherie and Marcel Michaud

owners

Two handwritten signatures in blue ink. The top signature appears to be "Cherie Michaud" and the bottom signature appears to be "Marcel Michaud".



# Environment Act Proposal Form

Name of the development: <b>BALLYCASTLE DIST. LTD.</b>	
Type of development per Classes of Development Regulation (Manitoba Regulation 164/88): <b>CLASS 1 DEVELOPMENT</b>	
Legal name of the proponent of the development: <b>Ballycastle Dist. Ltd</b>	Mailing address: <b>815 DUGALD ROAD</b>
Location (street address, city, town, municipality, legal description) of the development: <b>815 Dugald Road Winnipeg, Manitoba R2J 0G7</b>	
Name of proponent contact person for purposes of the environmental assessment: <b>Cherie Michaud</b>	
Phone: <b>204-237-7399</b>	Mailing address: <b>815 Dugald Road Winnipeg, Manitoba R2J 0G7</b>
Fax: <b>204-233-0632</b>	
Email address: <b>Ballycastle @ Shaw.ca</b>	
Webpage address: <b>www.Ballycastle.ca</b>	
Date: <b>May 14</b> <b>Aug 20 <i>ERM</i></b>	Signature of proponent, or corporate principal of corporate proponent: <b>Cherie Michaud</b> Printed name: <b>Cherie Michaud</b>

A complete Environment Act Proposal (EAP) consists of the following components:

- Cover letter
- Environment Act Proposal Form
- Reports/plans supporting the EAP (see "Information Bulletin - Environment Act Proposal Report Guidelines" for required information and number of copies)
- Application fee (Cheque, payable to Minister of Finance, for the appropriate fee)

Submit the complete EAP to:

Director  
Environmental Assessment and Licensing Branch  
Manitoba Conservation  
Suite 160, 123 Main Street  
Winnipeg, Manitoba R3C 1A5

For more information:

Phone: (204) 945-7100  
Fax: (204) 945-5229  
Toll Free: 1-800-282-8069, ext. 7100  
<http://www.gov.mb.ca/conservation/eal>

Per Environment Act Fees Regulation (Manitoba Regulation 168/96):	
Class 1 Developments .....	\$500
Class 2 Developments .....	\$5,000
Class 3 Developments:	
Transportation and Transmission Lines.....	\$5,000
Water Developments .....	\$50,000
Energy and Mining.....	\$100,000

## Description of proposed Action Aug 2013

1. Environmental issue of fine MDF dust in shop and on 815 Dugald property and the surrounding properties. The mdf (medium density fibre) is fine and easily flies in the air with very little wind.

The Changes Ballycastle made

AS OF PRESENT JULY 4, 2013

Ballycastle's plan of action has shovel extra sawdust beside the dust collector (8 ft wide x 17ft) high at the back of the property into the garbage bin.

Monthly Chart needs to be filled out every morning to empty the garbage bin (4 ft x 5 ft x 4ft is 3 cubic yards) of sawdust under the dust collector into the 2 large garbage bin 7 ft x 7ft x 7 ft (12 cubic yards). The forklift operator needs to dump sawdust every evening. If we empty small amounts everyday this will help with the reduction of sawdust in air. Every month ballycastle has 96 cubic yards of sawdust.

All 15 staff need to sweep their work stations of dust, vinyl trimmings, small pieces of melamine 10 ft x 6 ft every day and put in outside garbage bin instead of once a week

Waste Management picks up garbage twice a week instead of 1 day a week

Ballycastle now rents 5 garbage bins instead of 4 garbage bins from Waste management

AUGUST 2013

Ballycastle hired a bobcat to spread 3 semi loads 3/4 down gravel in the entire back of property on top of the old gravel and sawdust mix. Every year in the spring Ballycastle will have to shovel winter sawdust and put new gravel on top.

FUTURE 3 years 2016

Blacktop or concrete the entire driveway so we can sweep the saw dust off the driveway daily

2. Environmental issue of water based glue particle going in the air

Ballycastle sprays waterbased glue on 150 doors a day in a spray booth

Employees wear ventilated masks

In the spray booth there is a filtered fan on the exterior wall.

There is no painting, staining or varnishing in the shop

New spray booth in the future costs of 2014



3. Environmental issue of washing the waterbased glue off glue pot and hands going down the sink drain into the water sewage. Every day the 1 gallon stainless steel pot is cleaned with water soaking with 25 ml of waterbased glue

The poly on the 3 walls are 9 ft wide and 10 ft high. The poly is changed twice a year. The poly with dried up waterbased glue is put in the garbage bin.

Ballycastle operations

Ballycastle manufactures melamine cabinets and thermofoil doors

Cabinet Procedure:

1. one sheet 5' x 8' of melamine is put on the CNC router. We put 20- 30 sheets of melamine on the CNC a day

2.The CNC router cuts the melamine to size and drills holes for screws, shelf clips,

This process takes 5 minutes . The CNC router has a vacuum that sucks up the sawdust from the cutting and drilling it goes outside in the dust collector. The garbage bin 4' x 4' under the dust collector is full by the end of the day. The forklift picks it up and empties the sawdust into a larger garbage bin 6' x 7' The bin gets emptied on wed and fri.

The melamine parts are edged and drilled for dowels . The sawdust goes into the garbage bin. The parts are cleaned with lacquer thinner. The edge tape shavings go into the garbage bin. The parts are glued and screwed together to make a cabinet.

Thermofoil doors

1. one sheet 4 x 5 sheet of MDF(medium density fiber) is put on the CNC router . The CNC router cuts and routers profiles on 100-180 MDF doors.

2. Everyday 1-3 Cabinetmakers with ventilated masks manually sand 100 doors a day. The fine sawdust falls to the ground . The cabinetmaker sweeps the dust and puts in garbage bin at the end of the day

3. 2- 4 cabinetmakers sand the routered mdf doors

4. The 150 routered mdf doors are glued in the spraybooth

5. the glued doors sit on drying rack for 20 min

6. the150 glued doors are put into a vinyl laminator. A machine that heats the top and a powerful vacuum underneath

7. Everyday 150-200 doors are shrink wrapped with vinyl
8. the doors are trimmed and the glue on the back of the doors are buffed out
9. the excess amount of vinyl is put in the garbage

#### BALLYCASTLE's GROWTH AND DEVELOPMENT

1. Ballycastle recently bought the neighbouring property. We will be getting possession in Oct 2013. Our plans are to expand the building.

2. Ballycastle bought a larger vinyl laminator. We will be receiving it in Feb 2014

The present laminator vinyl wraps 150-200 doors a day

The new laminator vinyl wraps 1000 doors a day

3. Ballycastle will be purchasing another CNC

one cnc will be routing 300- 400 doors a day

the other cnc will running cabinet parts and routing 100doors aday

which of course be producing more sawdust 5times more than the present.

4. Ballycastle will be purchasing a sander to sand all the 500-100 doors a day this will create more sawdust

5. Ballycastle will purchase a new Dust collector to handle the dust

6. Ballycastle will order larger GARBAGE BINS and pick up garbage WILL CHANGE TO MON, WED, FRI

7. Ballycastle is looking to buy the property beside to the left.( we just purchased the right property). We need this property to expand and buy number two vinyl laminator.

DATE: 2008/08/14  
TIME: 13:15

**MANITOBA**  
**STATUS OF TITLE**

TITLE NO: 2151513

PAGE: 1

STATUS OF TITLE..... ACCEPTED  
ORIGINATING OFFICE..... WINNIPEG  
REGISTERING OFFICE..... WINNIPEG  
REGISTRATION DATE..... 2006/04/20  
COMPLETION DATE..... 2006/04/26

PRODUCED FOR.. TEFFAINE / LABOSSIERE  
ADDRESS..... 247 PROVENCHER BLVD.  
WINNIPEG MB  
  
PRODUCED BY... G.CAMPBELL  
LTO BOX NO.... 161

R2H OG6

**LEGAL DESCRIPTION:**

5204101 MANITOBA LTD.

IS REGISTERED OWNER SUBJECT TO SUCH ENTRIES RECORDED  
HEREON IN THE FOLLOWING DESCRIBED LAND:

WLY 95 FEET PERP OF ELY 110 FEET PERP LOT 2 PLAN 3813 WLTO  
IN LOTS D, E AND F ROMAN CATHOLIC MISSION PROPERTY


**ACTIVE TITLE CHARGES:**

3278045 WPG ACCEPTED MORTGAGE REG'D: 2006/04/20  
FROM/BY: 5204101 MANITOBA LTD.  
TO: LA CAISSE POPULAIRE DE SAINT-BONIFACE LIMITEE  
CONSIDERATION: \$150,000.00 NOTES:

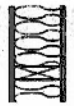
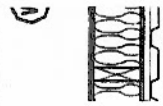
3621182 WPG ACCEPTED CAVEAT REG'D: 2008/05/30  
DESCRIPTION: SECURITY FOR DEBT  
FROM/BY: LA CAISSE POPULAIRE DE SAINT-BONIFACE LIMITEE  
TO:  
CONSIDERATION: NOTES:

ACCEPTED THIS 20TH DAY OF APRIL, 2006  
BY B.MCEACHERN FOR THE DISTRICT REGISTRAR OF  
THE LAND TITLES DISTRICT OF WINNIPEG.

CERTIFIED TRUE EXTRACT PRODUCED FROM THE LAND TITLES DATA  
STORAGE SYSTEM ON 2008/08/14 OF TITLE NUMBER 2151513.  
THIS IS NOT A DUPLICATE TITLE.

X   
FOR THE DISTRICT REGISTRAR

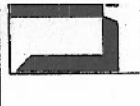
\*\*\*\*\* END OF STATUS OF TITLE FOR TITL 2151513 WPG \*\*\*\*\*



**DRAWING**

- AL.1 SITE PLAN
- AL.2 ARCHITECT
- AL.3 ELEVATION
- AL.4 SECTION
- AL.5 PLANTING
- SL.1 STRUCTURE
- SL.2 STRUCTURE
- SL.3 SECTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES.



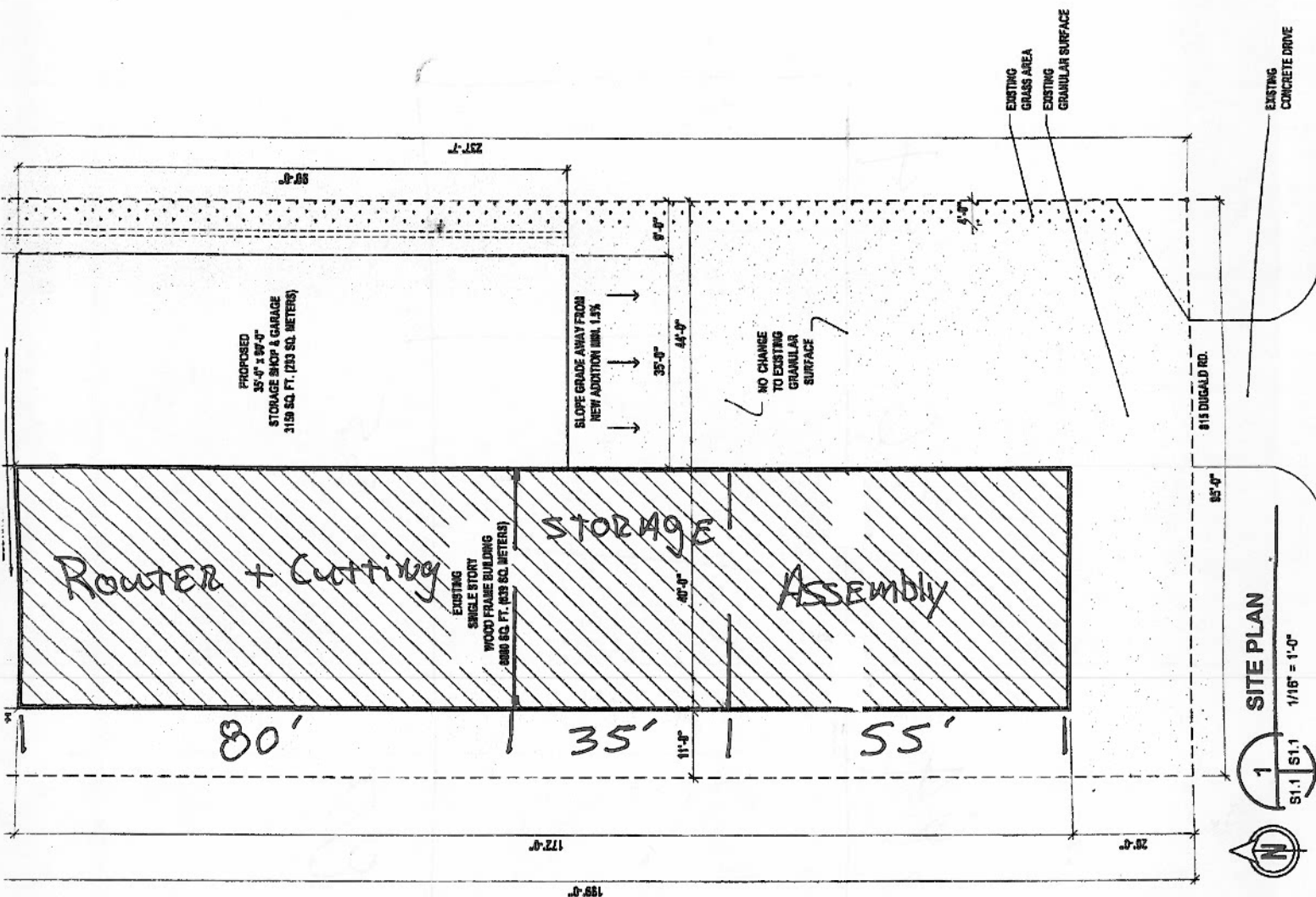
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Scale

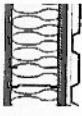
File Number



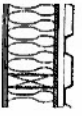
**SITE PLAN**  
 1  
 S1.1 S1.1  
 1/16" = 1'-0"

- o been plastic allowed in construction.
- 2.1.2.7.1: F2 up to 2 Storays.
- 1. F2 up to 2 storays, the existing building is not sprinklered. The existing building faces east street, so is limited to 1,000 sqm (10,760 sq ft) in building area.
- ii. Floor assemblies and supporting structure are to be 45 minute fire separations.
- iii. Loadbearing walls, columns, and arches supporting an assembly shall have a FRR of less than 45 minutes.
- 3.1.1 Spatial Separation and Exposure; East Face: 189 m<sup>2</sup>. limiting distance of 4.3 metres; allowable openings 10%; construction of building face shall have a FRR of not less than 2 HR, and be clad with non-combustible cladding as per 3.2.1.7(9). North Face: 49 m<sup>2</sup>. limiting distance of 0.88 metres; allowable openings 40%; construction of building face shall have a FRR of not less than 2 HR and be clad with non-combustible cladding as per 3.2.1.7(9)
- 3.1.2 Fire Alarm: new area to conform to the requirements of this section.
- 3.1.3 Stairways: Not required as is less than 1500 m<sup>2</sup>.
- 2.1.3 Emergency lighting of 19 lux at exits, public corridors, principle routes of egress; existing exit doors not altered under this work.
- 3.1.1 Separation of Suites; N/A
- 3.1.5 Egress by single means are limited as follows:
  - i. Group F2: lift shafts = 150m<sup>2</sup>; minimum of 2 means of egress provided.
- 3.1.20 Janitor rooms shall have a 45 minute FRR.
- 4.1.9 Transparent doors and panels: Glass and transparent panels to conform to appropriate articles of 3.3.1.18 for glass and transparent panels in exits. Existing doors comply.
- 4.2.2 Distances between exits to be at least one half of the diagonal distance of the floor area. Exits comply with this requirement.
- 4.3.1 Exit width: minimum corridor width 900 mm as is one storey.
- 4.3.3 Exit Capacity: for 19 permanent staff plus visitors, requirement is 61mm; 3,469 mm provided. (capacity of 597).
- 4.3.1.2 Distance to at least one exit from anywhere on the floor area shall be no greater than 30m.
- 4.3.1: Exit signs as per code.
- 4.8.1 Stairs: No stairs in building area.
- 4.8.1.2: Doors requiring chains to have self-closing mechanisms; service and janitor rooms.
- 7 Health: The total staffing of the building does not exceed 19 persons.
- 7 Fire Exits: provided within the floor area.
- For females: 1: provides for 10.
- For males: 1: provides for 10.
- 8.2.2 One Barrier Free unisex washroom is to be provided.
- 8.2.1: Service Rooms: not required to have fire separation unless containing fixed appliances.





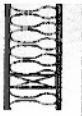
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INTERIOR

(WA)

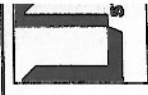
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DRAWING 1

- A1.1 SITE PLAN
- A2.1 ARCHITECT
- A3.1 ELEVATIONS
- A4.1 SECTIONS
- A5.1 PLAN DET.
- B1.1 STRUCTURE
- B2.1 STRUCTURE
- B3.1 SECTIONS

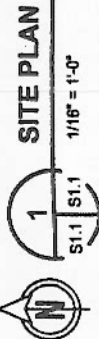
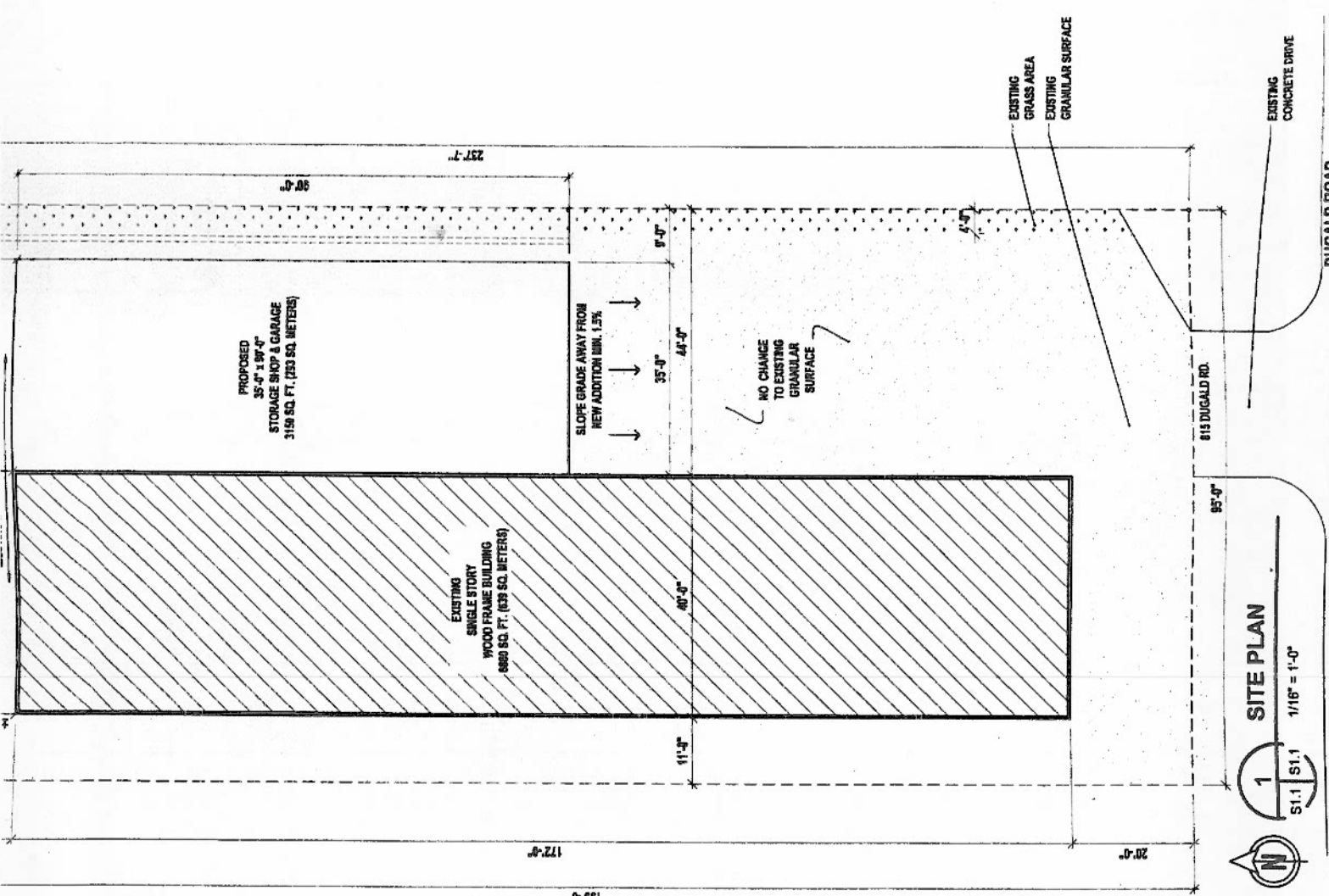
THE CONTRACTOR IS TO VERIFY AND CORRECT ALL DIMENSIONS TO THE BASIS OF THE DRAWINGS AND TO BE RESPONSIBLE FOR ANY DISCREPANCIES AND INADEQUACIES IN THE FIELD.



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BAL

Sheet Title: \_\_\_\_\_  
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 File Number: \_\_\_\_\_



- o Item plastics allowed in construction.
- Building classification: 3.2.2.7.1; F2 up to 2 Storeys.
- i. F2 up to 2 storeys, the existing building is not sprinklered. The existing building faces one street, so is limited to 1,000 sm (10,768 sq ft.) in building area.
- ii. Floor assemblies and supporting structure are to be 45 minutes fire separation.
- iii. Loadbearing walls, columns, and arches supporting an assembly shall have a FRR of less than 45 minutes.
- 2.3.1 Spatial Separation and Exposure; East Face: 100 m<sup>2</sup> limiting distance of 4.2 metres; allowable openings 15%; construction of building face shall have a FRR of not less than 2 HR, and be clad with non-combustible cladding as per 3.2.3.7(5). North Face: 40 m<sup>2</sup> limiting distance of 8.46 metres; allowable openings 40%; construction of building face shall have a FRR of not less than 2 HR and be clad with non-combustible cladding as per 3.2.3.7(5).
- 2.4 Fire Alarm: new area to conform to the requirements of this section.
- 2.5.9 Staircase: Not required as is less than 1500 m<sup>2</sup>.
- 2.7.3 Emergency lighting of 19 lux at exits, public corridors, principle routes of egress; existing exit cores not altered under this work.
- 3.1.1 Separation of Sublot; N/A
- 3.1.5 Exiting by single means are limited as follows;
  - i. Group F2; glass walls = 150m<sup>2</sup>; minimum of 2 means of egress provided.
- 3.1.26 Janitor rooms shall have a 45 minutes FRR.
- 4.1.8 Transparent doors and panels: Glass and transparent panels to conform to appropriate articles of 3.3.1.10 for glass and transparent panels in exits. Existing doors comply.
- 4.2.3 Distances between exits to be at least one half of the diagonal distance of the floor area. Exits comply with this requirement.
- 4.3.1 Exit Capacity: for 10 permanent staff plus visitors, requirement is 61mm; 3,460 mm provided.
- 4.3.3 Exit width: minimum corridor width 900 mm as is one storey.
- 4.3.4.2.3b Distances to at least one exit from anywhere on the floor area shall be no greater than 30m.
- 4.5.1 Exit signs as per code.
- 4.6.1 Stairs: No stairs in building area.
- 4.6.12 Doors requiring closure to have self-closing mechanisms; service and janitor rooms.
- 7 Health: The total staffing of the building does not exceed 10 persons.

- For females: 1; provides for 10.
- For males: 1; provides for 10.
- One Barrier Free unisex washroom is to be provided.
- Service Rooms: not required to have fire separation unless containing fuel fired appliances.
- 3.1.3

