

AGENDA
VIRTUAL BIRMINGHAM HISTORIC DISTRICT COMMISSION MEETING
WEDNESDAY – October 21st, 2020
******* 7:00 PM*******

Link to Access Virtual Meeting: <https://zoom.us/j/91282479817>
Telephone Meeting Access: 877 853 5247 US Toll-free
Meeting ID Code: 912 8247 9817

- 1) Roll Call
- 2) [Approval of the HDC Minutes of October 7th, 2020](#)
- 3) Courtesy Review
- 4) Historic Design Review
- 5) Sign Review
- 6) Study Session
- 7) Miscellaneous Business and Communication
 - A. Pre-Application Discussions
 - B. Staff Reports
 1. [Administrative Sign Approvals](#)
 2. [Administrative Approvals](#)
 3. [Demolitions](#)
 4. [Action List – 2020](#)
 5. [Historical Preservation Collaboration Matrix](#)

8) Adjournment

Notice: Individuals requiring accommodations, such as interpreter services for effective participation in this meeting should contact the City Clerk's Office at [\(248\) 530-1880](tel:2485301880) at least one day in advance of the public meeting.

Las personas que requieren alojamiento, tales como servicios de interpretación, la participación efectiva en esta reunión deben ponerse en contacto con la Oficina del Secretario Municipal al [\(248\) 530-1880](tel:2485301880) por lo menos el día antes de la reunión pública. (Title VI of the Civil Rights Act of 1964).

**A PERSON DESIGNATED WITH THE AUTHORITY TO MAKE DECISIONS MUST BE PRESENT
AT THE MEETING.**

HISTORIC DISTRICT COMMISSION
MINUTES OF OCTOBER 7, 2020
Held Remotely Via Zoom And Telephone Access

Minutes of the regular meeting of the Historic District Commission ("HDC") held Wednesday, October 7, 2020. Chairman John Henke called the meeting to order at 7:04 p.m.

1) ROLL CALL

Present: Chairman John Henke; Board Members Natalia Dukas, Patricia Lang, Michael Willoughby

Absent: Vice-Chairman Keith Deyer; Board Members Gigi Debbrecht, Doug Burley; Alternate Member Kevin Filthaut

Administration: Nicholas Dupuis, City Planner
Laura Eichenhorn, Transcriptionist

10-71-20

2) Approval Of Minutes

Motion by Mr. Willoughby

Seconded by Ms. Dukas to approve the HDC Minutes of September 16, 2020 as submitted.

Motion carried, 4-0.

ROLL CALL VOTE

Yeas: Lang, Dukas, Willoughby, Henke

Nays: None

10-72-20

3) Courtesy Review

None.

10-73-20

4) Historic Design Review

A. 361 E. Maple – Hawthorne Building (Postponed)

City Planner Dupuis indicated that the petitioners had requested a postponement.

Motion by Ms. Dukas

Seconded by Ms. Lang to postpone the historic design review of 361 E. Maple – Hawthorne Building to the October 21, 2020 HDC meeting.

Motion carried, 4-0.

ROLL CALL VOTE

Yeas: Lang, Dukas, Willoughby, Henke

Nays: None

10-74-20

5) Sign Review

None.

10-75-20

6) Study Session

A. CLG Grant Applications - Complete

The HDC said they were pleased with the CLG Grant Applications (Applications).

City Planner Dupuis informed the HDC that the City Commission would be voting on whether to accept the Applications at their October 12, 2020 meeting. He stated that HDC members were welcome to virtually attend the meeting and express their support for the Applications if they were so inclined.

City Planner Dupuis also explained the HDC would not know the outcome of the Applications until Spring 2021.

10-76-20

7) Miscellaneous Business and Communication

A. Pre-Application Discussions

B. Staff Reports

1. Administrative Sign Approvals

2. Administrative Approvals

3. September Demolitions

3. Action List - 2020

4. Historical Preservation Collaboration Matrix

10-77-20

Adjournment

Motion by Ms. Lang

Seconded by Mr. Willoughby to adjourn the HDC meeting of October 7, 2020 at 7:13 p.m.

Motion carried, 4-0.

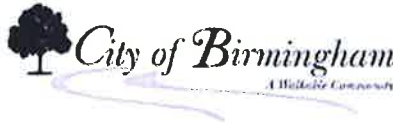
ROLL CALL VOTE

Yeas: Lang, Dukas, Willoughby, Henke

Nays: None

Nicholas Dupuis
City Planner

DRAFT



Administrative Sign Approval Application Planning Division

Form will not be processed until it is completely filled out.



1. Applicant

Name: Northern Sign Co
Address: 2181 E. Walton Blvd. Auburn Hills, MI 48326
Phone Number: 248.333.7733
Fax Number:
Email Address: maryellen@northernsign.com

2. Property Owner

Name: Tom Dluzen
Address: 790 Joslyn Ave. Pontiac, MI 48340
Phone Number: 248.253.7931
Fax Number:
Email Address: tom@chiefonline.com

3. Applicant's Attorney/Contact Person

Name:
Address:
Phone Number:
Fax Number:
Email Address:

4. Project Designer/Developer

Name:
Address:
Phone Number:
Fax Number:
Email Address:

5. Project Information

Address/Location of Property: 189 W. Merrill St.
Name of Development:
Parcel ID#:
Current Use:
Area in Acres:
Current Zoning:

Name of Historic District if any:
Date of HDC Approval, if any:
Date of Application for Preliminary Site Plan:
Date of Preliminary Site Plan Approval:
Date of Application for Final Site Plan:
Date of Final Site Plan Approval:
Date of Revised Final Site Plan Approval:

6. Required Attachments

- Two (2) folded paper copies of plans including details of the following:
 - Dimensions of proposed sign(s)
 - Dimensions of building frontage
 - Illumination
 - Height from grade

- ☐ Location of proposed sign(s)
- ☐ Colors and materials
- ☒ Authorization from Property Owner(s) (if applicant is not the owner)
- ☒ Material Samples
- ☒ Digital Copy of Plans
- Add:

7. Details of the Request for Administrative Approval

8. Location of Proposed Sign(s)

(1) exterior projecting sign on North elevation. (1) exterior wall sign on West elevation.

9. Type of Proposed Sign(s)

Wall: Custom fabricated metal w/indirect internal illumination
Ground:
Name Letter:
Canopy:

Projecting (Post-Mounted):
Projecting (Wall-Mounted) Custom fabricated metal w/indirect internal illumination
Building Identification:
Other:

10. Size of Proposed Sign

Width: (1) 18" & (1) 110.5"

Depth: TBD

Height of Lettering: (1) 29.7" & (1) 37.9"

Overall Height: (1) 36" & (1) 46"

Extension from Wall:

Total Square Feet: 39.8

11. Existing Signs Currently on Property

Number:

Square Feet per Sign:

Sign Type(s):

Total Square Feet:

12. Materials/Style of Proposed Sign(s)

Metal: Aluminum

Plastic:

Wood:

Glass:

Other:

Color #1: Silver

Color #2: Black

Additional Colors:

13. Content of Proposed Sign(s)

Chief Financial Credit Union logo & lettering

14. Proposed Sign Lighting

Type of Lighting: LEDs

Size of Fixtures (LxWxH):

Maximum Wattage per Fixture:

Proposed Wattage per Fixture:

Location: Internal

Number of Lights Proposed: TBD

Height from Grade:

Lighting Style: Indirect

15. Landscaping (Ground Signs Only)

Location of Landscape Areas:

Proposed Landscape Material:

Silver

Black

il Co

The undersigned states the above information is true and correct, and understands that it is the responsibility of the applicant to advise the Planning Division and / or Building Division of any additional changes to the approved site plan.

Signature of Applicant: Justin Morr

Digitally signed by Justin Morr
DN: cn=Justin Morr, o=City of Portland, ou=City of Portland, email=jmorr@cityofportland.com, c=US
Date: 2020.07.15 15:29:02 -0700

Date: 7.15.20

Office Use Only

Application # PA A20-0082

Date Received:

8/11/2020

Fee:

\$100.00

Date of Approval:

10/18/2020

Date of Denial:

N/A

Reviewed By:





Northern Sign Co Inc.

2181 E. Walton Blvd., Suite 100, Auburn Hills, MI 48326

248.333.7733 Office


www.northernsign.com

248.333.7684 Fax

AUTHORIZATION AND CONSENT FORM

By my signature below, I hereby represent that I am the owner of the property indicated below or otherwise duly authorized by the Lease to grant authorization for Northern Sign Co. Inc. and/or their sub-contractor to apply for permits, represent said owner at ZBA meetings and install new signage at the below referenced location.

LANDLORD APPROVAL

Signature  as Agent Print Name Theo Piccirilli Date 8/6/20
Title Portfolio Manager Email theodore.piccirilli@freq.com
Address 34975 W. Twelve Mile Rd. Phone 248-848-3529
Farmington Hills, MI 48331

Return Form To: Northern Sign Co. Inc.
2181 E. Walton Blvd., Suite 100
Auburn Hills, MI 48326

Email to: maryellen@northernsign.com

Site/Job - Property Address:

189 W. Merrill St.
Birmingham, MI 48009



NORTHERN SIGN CO. INC.

2181 Walton Blvd Ste. 100, Auburn Hills, Mi 48326

248.333.7733 Office www.northernsign.com 248.333.7684 Fax

Permit Payment Sheet

Date: 8/6/20

Job Name: Chief Financial C.U.

Job Address: 189 W. Merrill

Attention: Name: Nick

Department: Planning

From: Name: Mary Ellen

maryellen@northernsign.com

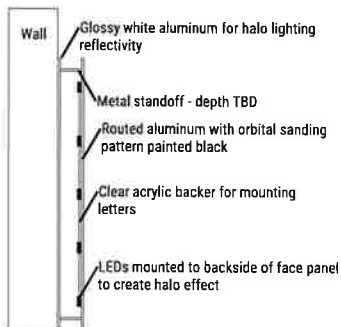
Check # 6239

Administrative Sign Approval Application: \$100

Total: \$100

Thank You!

Business Name: Chief Financial Credit Union		Address: 189 W Merrill, Birmingham	Contact: Cheryl / Tom
Phone #:	Fax #:	Email:	Date of Proposal: 7.2.20



) 79.25" x 33" routed aluminum panel.
 inel to be stood off from wall with LED backlighting to create halo effect.
 hite aluminum panel to be mounted to wall for light reflectivity.

Artwork Proposal



NORTHERN SIGN CO., INC.

2181 E. Walton Auburn Hills, MI 48326

248.333.7733

www.northernsign.com

Northern Sign Representative:

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RICK	LEWIS	JUSTIN

Designer: **Justin**

<input type="checkbox"/>	EXISTING
<input checked="" type="checkbox"/>	PROPOSED

Signature:

Please Print Name:

Date:

50% deposit will be required prior to any fabrication, with balance to be paid in full on date of completion. Any artwork/sketches shall remain the property of Northern Sign Co., Inc.

And shall not be duplicated or used without approval and purchase from Northern Sign Co., Inc.

Any designs/time and or logo artwork Cost incurred prior to acceptance of Proposal, shall be that of the customer

Any expenses incurred for changes made after artwork approval shall be that of the customer.

Acceptance of Artwork Proposal:

The above artwork is satisfactory and are hereby accepted. You are authorized to do the work as specified.



APPROVED

10/8/2020
248-333-7733

Chief Financial Credit Union

189 W Merrill, Birmingham

Cheryl / Tom

Phone #:

Fax #:

Email:

Date of Proposal:

9.10.20



Proposed double sided blade mounted sign

Overall size 18"w x 36"h x 6"d

Projection - 25"

7" between building face and sign

Linear frontage of store is approximately 50ft



Artwork Proposal



NORTHERN SIGN CO., INC.

2181 E. Walton Auburn Hills, MI 4832

248.333.7733

www.northernsign.com

Northern Sign Representative

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RICK	LEWIS	JUSTIN

Designer: **Justin**

<input type="checkbox"/>	EXISTING
<input checked="" type="checkbox"/>	PROPOSED

Signature:

Please Print Name:

Date:

50% deposit will be required prior to any fabrication, with balance to be paid in full on date of completion. Any artwork/sketches shall remain the property of Northern Sign Co., Inc. And shall not be duplicated or used without approval and purchase from Northern Sign Co., Inc.

Any designs/time and or logo artwork Cost incurred prior to acceptance of Proposal, shall be that of the customer

Any expenses incurred for changes made after artwork approval shall be that of the customer.

Acceptance of Artwork Proposal:
The above artwork is satisfactory and are hereby accepted. You are authorized to do the work as

RECEIVED

OCT 08 2020

CITY OF BIRMINGHAM

COMMUNITY DEVELOPMENT DEPT.



City of Birmingham
A Better Community

APPROVED

10/8/2020

PAA20-0109

Administrative Approval Application
Planning Division

Form will not be processed until it is completely filled out.

1. Applicant

Name: William J. Kelly - Single Ply Solutions, Inc.

Address: 12739 Inkster Road

Livonia, MI 48150

Phone Number: 734.522-1322 (Office) 734.751-3049 (Cell)

Fax Number: 734.522-8611

Email Address: wjkspi@aol.com

2. Property Owner

Name: Alan Motes

Address: 114 S. Old Woodward Ave.

Birmingham, MI 48009

Phone Number: 248.828-6661

Fax Number:

Email Address: amotes12@gmail.com

3. Applicant's Attorney/Contact Person

Name: Same

Address:

Phone Number:

Fax Number:

Email Address:

4. Project Designer/Developer

Name: N/A

Address:

Phone Number:

Fax Number:

Email Address:

5. Project Information

Address/Location of Property: 114 S. Old Woodward Ave.

Name of Development:

Parcel ID#:

Current Use: Churchill's Cedar Bar & Restaurant

Area in Acres:

Current Zoning:

Name of Historic District if any:

Date of HDC Approval, if any:

Date of Application for Preliminary Site Plan:

Date of Preliminary Site Plan Approval:

Date of Application for Final Site Plan:

Date of Final Site Plan Approval:

Date of Revised Final Site Plan Approval:

6. Required Attachments

- Warranty Deed with legal description of property
- Authorization from Owner(s) (if applicant is not owner)
- Completed Checklist
- Material Samples
- Specification sheets for all proposed materials, fixtures, and/or mechanical equipment

- One (1) digital copy of plans
- Two (2) folded copies of plans including an itemized list of all changes for which administrative approval is requested, with the changes marked in color on all elevations
- Photographs of existing conditions on the site where changes are proposed

7. Details of the Request for Administrative Approval

Removal of an obsolete skylight and the replacement with a new Bilco roof hatch, 54" x 31"

The undersigned states the above information is true and correct, and understands that it is the responsibility of the applicant to advise the Planning Division and/or Building Division of any additional changes to the approved site plan.

Signature of Applicant:

Date: 10/08/20

Office Use Only

Application #: PAA20-0109

Date Received: 10/8/2020

Fee: \$100.00

Date of Approval: 10/8/2020

Date of Denial: N/A

Reviewed By:

CONSENT OF PROPERTY OWNER

I, See Signed Contract, OF THE STATE OF _____ AND
(Name of Property Owner)

COUNTY OF _____ STATE THE FOLLOWING:

1. That I am the owner of real estate located at _____;
(Address of Affected Property)

2. That I have read and examined the Application for Administrative Approval made to the City of

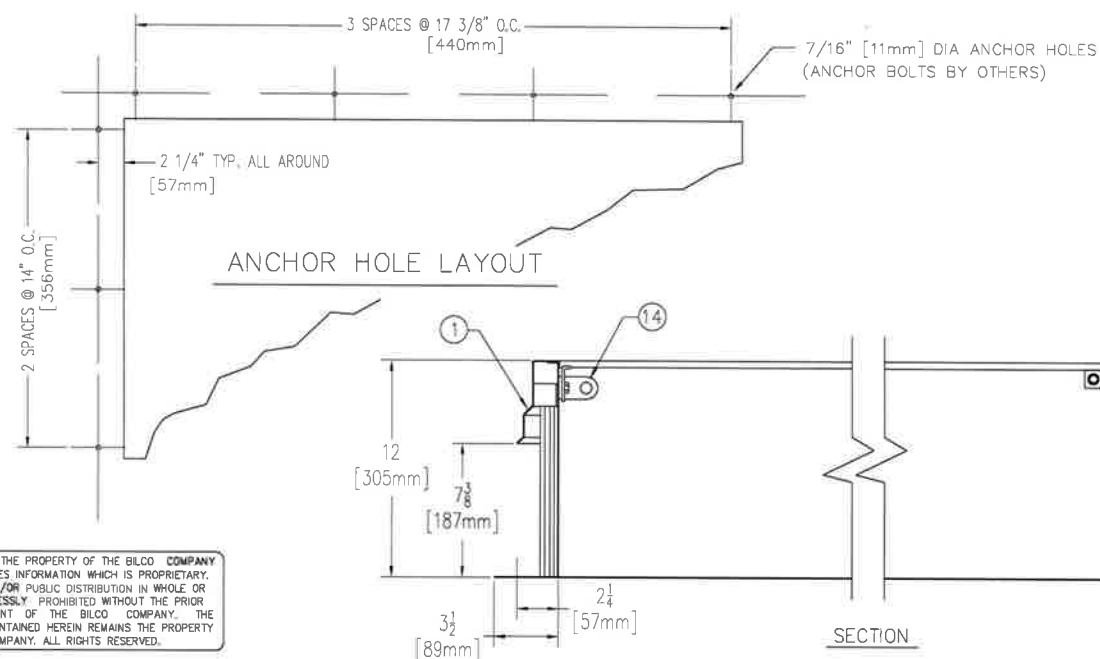
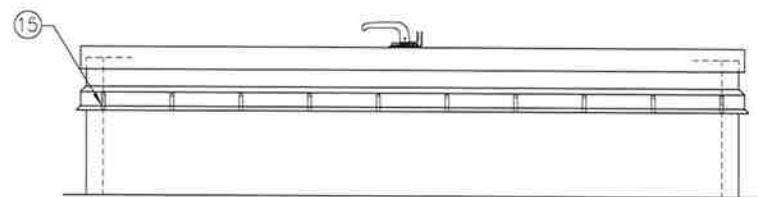
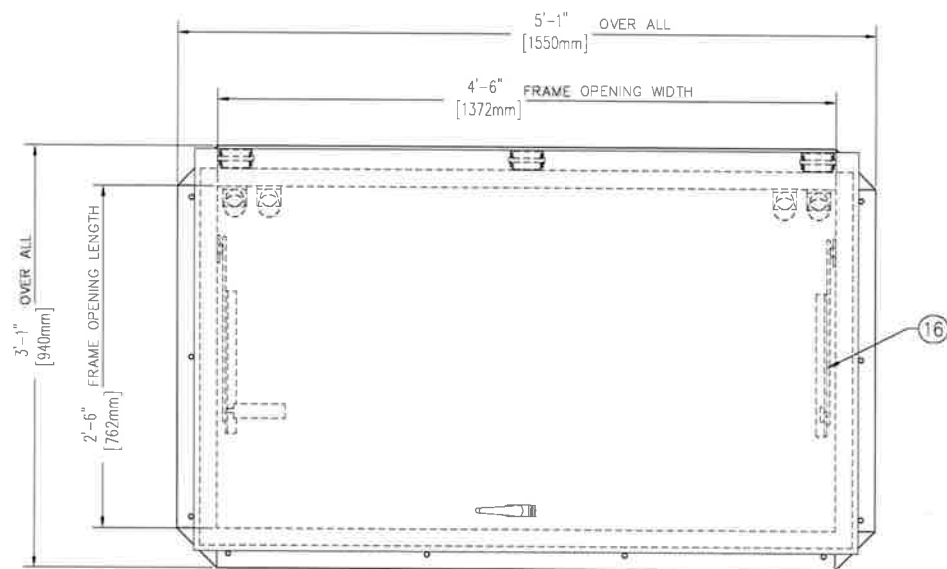
Birmingham by: _____;
(Name of Applicant)

3. That I have no objections to, and consent to the request(s) described in the Application made to the City of
Birmingham.

By providing your e-mail to the City, you agree to receive news notifications from the City. If you do not wish to receive these messages, you may unsubscribe at any time.

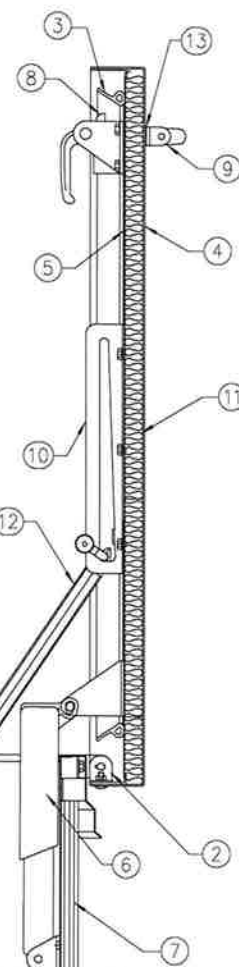
Name of Owner (Printed): _____

Signature of Owner: _____ **Date:** _____



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SECTION



SPECIFICATIONS

1. FRAME W/ CAPFLASHING (CORNERS FULL WELDED)
 - NB-20 - 14 GAUGE P.B. GALV. STEEL
 - NB-40 - 14 GAUGE P.B. GALV. STEEL
 - NB-50 - 11 GAUGE ALUMINUM
2. PINTLE HINGE
3. GASKET (ALL AROUND COVER)
4. COVER GAUGE
 - NB-20 - 14 GAUGE P.B. GALV. STEEL
 - NB-40 - 11 GAUGE ALUMINUM
 - NB-50 - 11 GAUGE ALUMINUM
5. COVER LINER
 - NB-20 - 22 GAUGE P.B. GALV. STEEL
 - NB-40 - 18 GAUGE ALUMINUM
 - NB-50 - 18 GAUGE ALUMINUM
6. LIFTING MECHANISM WITH REINFORCED COMPOSITE TUBES AND COMPRESSION SPRINGS
7. 1" RIGID FIBERBOARD INSULATION
8. SLAM LATCH
9. INSIDE AND OUTSIDE HANDLES W/ PADLOCK HASPS
10. ARM GUIDE BRACKET
11. 1" THICK FIBERGLASS COVER INSULATION
12. HOLD OPEN ARM W/ RED VINYL GRIP
13. NEOPRENE GASKET
14. LOCK STRIKE & PADLOCK HASP
15. BILCLIP® FLASHING SYSTEM
16. GUIDE ARM

SHOP FINISH:

STEEL: RED OXIDE PRIMER
 ALUMINUM: MILL FINISH
 HARDWARE: ZINC PLATED & CHROMATE SEALED
 (UNLESS OTHERWISE SPECIFIED)

THIS PRODUCT MAY BE INSTALLED ON EITHER A FLAT OR SLOPING ROOF. WHEN INSTALLED ON A SLOPE, THE HINGE SIDE MUST RUN PARALLEL WITH THE SLOPE. IF SLOPE EXCEEDS 30°, ADVISE FACTORY FOR MODIFICATION.

CUSTOMER:

P.O. N°

JOB:

SALES REP:

Manufacturers of Doors for Special Services
Bilco® THE BILCO COMPANY
 New Haven, Connecticut 06505

SINGLE LEAF ROOF SCUTTLE TYPE NB SIZE 2'-6" x 4'-6"

QTY	TYPE	METAL
<input type="checkbox"/>	NB-20	STEEL COVER/STEEL FRAME
<input type="checkbox"/>	NB-40	ALUM. COVER/STEEL FRAME
<input type="checkbox"/>	NB-50	ALUM. COVER/ALUM. FRAME



August 12, 2020

Proposal for: 114 S. Old Woodward Ave.
Birmingham, MI 48009

Attn: Mr. Allan Motes

Project: New Roof Hatch

- A. Demo existing skylight and curb from existing roofing system.
- B. Furnish and install new Bilco NB 31"x 55" roof hatch.
- C. Flash into existing roofing system with new modified bitumen membrane.
- D. Coat the surface of the new Gaco roof coating. White in color.
- E. Include street parking permit as required.
- F. This quote includes all labor, taxes and insurance.
- G. **EXCLUSIONS:** Electrical or gas line disconnects/reconnects, electrical or gas line improvements, HVAC improvements or modifications, damage to conduits attached to underside of structural deck, satellite re-positioning, interior protection, siding, soffit, trim, landscaping, or local permits or plan review unless noted in the scope of work above.

Quote:

We propose the above scope of work as specified NOT TO EXCEED the amount of:

Three Hundred Dollars _____ \$3,000.00

TERMS OF PAYMENT: Upon Completion

NOTE: WE MAY WITHDRAW THIS PROPOSAL IF NOT ACCEPTED WITHIN 30 DAYS.

Authorized Signature: James Black

ACCEPTANCE OF PROPOSAL: The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified by the Terms and Conditions stated on the reverse side. Payment will be made as outlined above.

Date of Acceptance: 8/28/2020 Signature: [Signature]



RECEIVED

OCT 08 2020

CITY OF BIRMINGHAM

COMMUNITY DEVELOPMENT DEPT.



City of Birmingham

A Half-Century of Progress

Administrative Approval Application
Planning Division

Form will not be processed until it is completely filled out.

APPROVED

10/8/2020
PAA20-0108

1. Applicant

Name: William J. Kelly - Single Ply Solutions, Inc.

Address: 12739 Inkster Road

Livonia, MI 48150

Phone Number: 734.522-1322 (Office) 734.751-3049 (Cell)

Fax Number: 734.522-8611

Email Address: wjkspi@aol.com

2. Property Owner

Name: Central Park Properties

Address: 112 Peabody

Birmingham, MI 48009

Phone Number: 248.642-0024

Fax Number:

Email Address: steve@fullercentralpark.com

3. Applicant's Attorney/Contact Person

Name: Same

Address:

Phone Number:

Fax Number:

Email Address:

4. Project Designer/Developer

Name: N/A

Address:

Phone Number:

Fax Number:

Email Address:

5. Project Information

Address/Location of Property: 211 S. Old Woodward Ave.

Name of Development: Birmingham Theatre

Parcel ID#:

Current Use: Movie Theatre

Area in Acres:

Current Zoning:

Name of Historic District if any:

Date of HDC Approval, if any:

Date of Application for Preliminary Site Plan:

Date of Preliminary Site Plan Approval:

Date of Application for Final Site Plan:

Date of Final Site Plan Approval:

Date of Revised Final Site Plan Approval:

6. Required Attachments

- Warranty Deed with legal description of property
- Authorization from Owner(s) (if applicant is not owner)
- Completed Checklist
- Material Samples
- Specification sheets for all proposed materials, fixtures, and/or mechanical equipment

- One (1) digital copy of plans
- Two (2) folded copies of plans including an itemized list of all changes for which administrative approval is requested, with the changes marked in color on all elevations
- Photographs of existing conditions on the site where changes are proposed

7. Details of the Request for Administrative Approval

Installation of new TPO single ply roof system per our attached contract.

The undersigned states the above information is true and correct, and understands that it is the responsibility of the applicant to advise the Planning Division and/or Building Division of any additional changes to the approved site plan.

Signature of Applicant:

Date: 10/08/20

Office Use Only

Application #: PAA20-0108

Date Received: 10/8/2020

Fee: \$100.00

Date of Approval: 10/8/2020

Date of Denial: N/A

Reviewed By:

* Replacement of crack tile coping is NOT approved.

CONSENT OF PROPERTY OWNER

I, Attached
See Signed Contract OF THE STATE OF _____ AND
(Name of Property Owner)

COUNTY OF _____ STATE THE FOLLOWING:

1. That I am the owner of real estate located at _____;
(Address of Affected Property)

2. That I have read and examined the Application for Administrative Approval made to the City of

Birmingham by: _____;
(Name of Applicant)

3. That I have no objections to, and consent to the request(s) described in the Application made to the City of
Birmingham.

By providing your e-mail to the City, you agree to receive news notifications from the City. If you do not wish to receive these messages, you may unsubscribe at any time.

Name of Owner (Printed): _____

Signature of Owner: _____ Date: _____



September 16, 2020

Proposal For: Central Park Properties
112 Peabody
Birmingham, Michigan 48009

RECOMMENDATIONS: Middle (Lower) Theatre Roof

- A. Cut the existing EPDM membrane in 5' x 5' squares, leaving the existing two-inch polyisocyanurate insulation (R-Value 11.4) in place.
 - B. Mechanically attach one new layer of 3.2" polyisocyanurate insulation, R-Value 18.6 over the (exposed) existing insulation, R-Value 12.3. Tapered insulation will be installed 8-foot square around each drain. Total R-Value - 30.0 in order to meet the new local code implemented in March 2019.
 - C. Mechanically attach 60-mil white TPO membrane through the insulation and into the gypsum deck using the manufacturer's plastic auger screws and plates.
 - D. All roof top protrusions (i.e. stacks and curbs) will be flashed with pre-molded boots and corners per the manufacturer's specifications.
 - E. Plywood will be attached to the interior parapet walls where necessary.
 - F. At the perimeter, the membrane will be adhered to the walls and terminated with the manufacturer's aluminum pressure bar.
 - G. This quote includes all labor, taxes and insurance.
 - H. This quote includes a twenty-(20) year labor and material warranty from Single Ply Solutions, Inc.
 - I. **EXCLUSIONS:** Electrical and/or Gas Line disconnects/reconnects, HVAC work, damaged conduit attached to the structural deck, satellite re-positioning, interior protection, siding, soffit, trim, landscaping, or local permits unless noted in the scope of work above.
- Replacement of deteriorated or missing nailers, ADD: \$3.50/LF
 - Replacement of existing saturated insulation, ADD: \$2.50/SQ.FT.
 - Removal and Replacement of deteriorated gypsum with metal deck, ADD: \$6.75/SQ.FT.
 - Wrapping of Duct Work with EPDM Membrane & Accessories, ADD: \$7,850.00 *SC*
 - Covering the entire west wall with plywood and TPO Membrane, ADD: \$6,250.00 *SC*
 - New nailer and 24-gauge color clad coping in lieu of existing crotch, ADD: \$11,400.00 *SC*

QUOTE:

We propose the above scope of work as specified for the amount of:

Fifty Six Thousand Five Hundred Dollars-----\$56,500.00

TERMS OF PAYMENT: 25% Upon Commencement, 75% Upon Completion

NOTE: WE MAY WITHDRAW THIS PROPOSAL IF NOT ACCEPTED WITHIN 30 DAYS

Authorized Signature: *William J. Kelly*

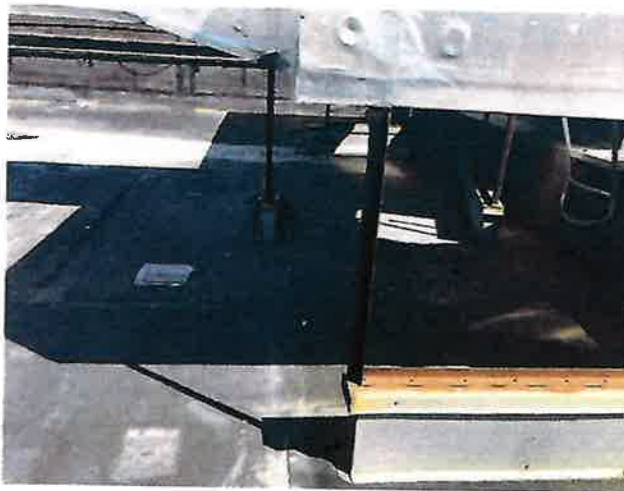
SINGLE PLY SOLUTIONS
12739 Inkster Rd., Livonia MI 48150
(734) 522-1322 / (734) 522-8611 fax



ACCEPTANCE OF PROPOSAL: The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified by the Terms and Conditions stated on the reverse side. Payment will be made as outlined above.

Date of Acceptance: 9-16-20 Signature: [Signature]

SINGLE PLY SOLUTIONS
12739 Inkster Rd., Livonia MI 48150
(734) 522-1322 / (734) 522-8611 fax









211 S. Old Woodward Roof



TECHNICAL INFORMATION SHEET

UltraPly™ TPO Membrane

Item Description

1 Roll

Item Number

Various



Meets or exceeds ASTM D 6878.

Product Information

Description:

Firestone UltraPly TPO is a flexible Thermoplastic Polyolefin roofing membrane that is produced with polyester weft-inserted reinforcement. UltraPly TPO membrane meets or exceeds all requirements for ASTM D 6878 Specification. This heat weldable TPO membrane is available in 45 mil (1.14 mm) and 60 mil (1.52 mm) thicknesses. This reflective membrane is suitable for a variety of low-slope applications.

Method of Application:

1. Substrates must be clean, dry, smooth, and free of sharp edges, fins, loose or foreign materials, oil, grease, and other materials that may damage the membrane.
2. All roughened surfaces that can damage the membrane shall be repaired as specified to offer a smooth substrate.
3. All surface voids greater than 1/4" (6.3 mm) wide shall be properly filled with an acceptable fill material.
4. Firestone UltraPly TPO membrane is installed as continuous roofing or waterproofing layer on the roof. Rolls are overlapped (side laps and end laps) prior to the heat welding of the seam areas.
5. Install the UltraPly TPO Roofing System in accordance with current Firestone UltraPly TPO specifications, details and workmanship requirements.

Storage:

- Store away from sources of punctures and physical damage.
- Assure that structural decking will support the loads incurred by material when stored on rooftop. The deck load limitations should be specified by the project designer.
- Store away from ignition sources as membrane will burn when exposed to open flame.

Precautions:

- Refer to Safety Data Sheets (SDS) for safety information.
- Exercise caution when lifting, moving, transporting, storing or handling membrane rolls to avoid sources of punctures and possible physical damage.
- Contact your Building Systems Advisor at 1-800-428-4511 for specific recommendations regarding chemical or waste product compatibility with Firestone UltraPly TPO Membrane.

LEED® Information:

Post Consumer Recycled Content: 0%
Pre Consumer Recycled Content: 15%
Manufacturing Location: Wellford, SC
Tuscumbia, AL

NOTE: LEED® is a registered trademark of the U.S. Green Building Council.



ICC-ES
ESR-2831

CCMC 13348-R

TECHNICAL INFORMATION SHEET



UltraPly™ TPO Membrane

Typical Properties (Meets or exceeds ASTM D 6878 Specification)

Property	ASTM Standard	Performance Minimum	Typical Performance 45 mil	Typical Performance 60 mil
Overall Thickness:	D 751	0.039" (1 mm)	0.045" (1.14 mm) ± 10%	0.060" (1.52 mm) ± 10%
Coating over Scrim:	D 7635	0.015" (0.38 mm)	0.017" (0.43 mm)	0.021" (0.53 mm)
Breaking Strength:	D 751, Grab Method	220 lbf (979 N)	340 lbf (1,512 N)	390 lbf (1,735 N)
Elongation of Reinforcement Break:	D 751, Grab Method	15%	25%	25%
Tearing Strength:	D 751	55 lbf (245 N)	120 lbf (534 N)	120 lbf (534 N)
Brittleness Point:	D 2137	-40 °F (-40 °C)	Pass	Pass
Ozone Resistance, No Cracks:	D 1149	Pass (No Cracks)	Pass	Pass
Properties After Heat Aging (Retained Values) (ASTM D 573 670 h at 240 °F (116 °C)):				
Breaking Strength:	D 751, Grab Method	90% Minimum	> 90%	> 90%
Elongation at Break:	D 751, Grab Method	90% Minimum	> 90%	> 90%
Tearing Strength:	D 751	60% Minimum	> 60%	> 60%
Weight of Change:		± 1% Maximum	< 1%	< 1%
Linear Dimension Change:	D 1204, 6 h at 158 °F (70 °C)	± 1% Maximum	< 1%	< 1%
Water Absorption:	D 471	± 3% Maximum	< 3%	< 3%
Weather Resistance, 80 °C Black Panel, no cracking, crazing when wrapped around a 3" mandrel and inspected at 7X magnification:	G 155	10,800 kJ/m ² Minimum	> 20,160 kJ/m ²	> 20,160 kJ/m ²
Puncture Resistance:	FTM 101C, Method 2031	---	265 (1,180)	300 (1,300)
Dynamic Puncture Resistance MD:	D 5635	---	Pass (20 J)	Pass (40 J)
Dynamic Puncture Resistance CD:	D 5635	---	Pass (35 J)	Pass (50 J)
Static Puncture Resistance:	D 5602	---	Pass (25 kg)	Pass (25 kg)
Air Permeance (Material)	E 2178*	ft ³ /ft ² (L/(s·m ²))	<0.004 (0.02)	Pass

*The ASTM 2178 values listed are for the air permeance of the EZ Peel & Stick TPO SA (HW) component only. For use of the product as a component in an air barrier assembly, please consult your Firestone Building Systems Advisor (BSA), Code Agency or Authority having Jurisdiction (AHJ) for the acceptable air barrier assembly details.

TECHNICAL INFORMATION SHEET



UltraPly™ TPO Membrane

Product Sizes

Membrane Thickness: 0.045" (1.14 mm) Membrane Weight: 0.23 lb/ft² (1.1 kg/m²)			Membrane Thickness: 0.060" (1.52 mm) Membrane Weight: 0.31 lb/ft² (1.5 kg/m²)		
Available Sizes		Available Colors	Available Sizes		Available Colors
5' x 100'	(1.5 x 30.5 m)	White, Tan, Gray	5' x 100'	(1.5 x 30.5 m)	White, Tan, Gray
5' x 200'	(1.5 x 61 m)	White	5' x 200'	(1.5 x 61 m)	White
6' 2" x 100'	(1.9 x 30.5 m)	White, Tan, Gray	6' 2" x 100'	(1.9 x 30.5 m)	White, Tan, Gray
8' x 100'	(2.4 x 30.5 m)	White, Tan, Gray	8' x 100'	(2.4 x 30.5 m)	White, Tan, Gray
8' x 200'	(2.4 x 61 m)	White	8' x 200'	(2.4 x 61 m)	White
10' x 100'	(3.0 x 30.5 m)	White, Tan, Gray	10' x 100'	(3.0 x 30.5 m)	White, Tan, Gray
10' x 200'	(3.0 x 61 m)	White	10' x 200'	(3.0 x 61 m)	White
12' 4" x 100'	(3.8 x 30.5 m)	White, Tan, Gray	12' 4" x 100'	(3.8 x 30.5 m)	White, Tan, Gray
12' 4" x 200'	(3.8 x 61 m)	White	12' 4" x 200'	(3.8 x 61 m)	White

Radiative Properties

Cool Roof Rating Council (CRRC): Initial / 3 yr	White	Tan	Gray
Solar Reflectance	0.79 / 0.68	0.61 / 0.55	0.34 / 0.34
Thermal Emittance	0.85 / 0.83	0.81 / 0.84	0.89 / 0.88
Solar Reflectance Index (SRI)	98 / 81	71 / 63	37 / 36
Rated Product ID	0008	---	---
Licensed Manufacturer ID	0608	---	---
Classification	Production Line	---	---
ENERGY STAR®: Initial / 3 yr	White	Tan	---
Solar Reflectance	0.79 / 0.78*	0.60 / 0.54	
Thermal Emittance	0.85	0.81	
* White membrane sample cleaned prior to age test.			
LEED®	White	Tan	Gray
Solar Reflectance – ASTM E 903	0.81	0.63	0.37
Thermal Emittance – ASTM E 408	0.95	0.95	0.95
Solar Reflectance Index (SRI) – ASTM E 1980	102	77	43



ENERGY STAR is only
valid in the United States



Please contact Quality Building Services Technical Department at 1-800-428-4511 for further information.

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ISO 95+™ GL Insulation

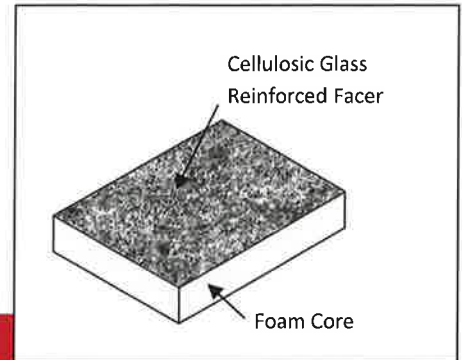
Item Description

Flat and Tapered Polyiso Boards

<u>Flat Boards:</u>	4' x 4' (1.22 m x 1.22 m)
	4' x 8' (1.22 m x 2.44 m)
<u>Tapered Boards:</u>	4' x 4' (1.22 m x 1.22 m)
<u>Slope range:</u>	1/16" per foot (.5%) to 1/2" per foot (4%)
<u>Thickness range:</u>	0.5" (12.7 mm) to 4.5" (114.3 mm)

Meets or exceeds performance requirements of ASTM C 1289, Type II, Class 1

Product Information



Description:

Firestone ISO 95+ GL flat and tapered roof insulation consists of a closed-cell polyiso foam core laminated to a black glass reinforced mat facer on both major surfaces. Flat and tapered ISO 95+ GL insulation provides outstanding thermal performance on commercial roofing applications, while providing positive rooftop drainage to help eliminate ponding water when tapered ISO 95+ GL insulation is used.

All Firestone polyisocyanurate foam insulations use EPA accepted blowing agents. Firestone ISO 95+ GL incorporates a HCFC-free blowing agent that does not contribute to the depletion of the ozone layer (ODP-free).

Method of Application:

1. Insulation shall be neatly fitted to all roof penetrations, projections and nailers.
2. No more insulation shall be installed than can be covered with membrane and completed before the end of each day's work or before the onset of inclement weather.
3. Firestone ISO 95+ GL board may be installed using:

- Firestone fasteners and plates

NOTE: For ballasted systems, the top layer of Firestone insulation may not be mechanically attached.

- Hot asphalt (requires a cover board)
- Firestone approved insulation adhesives
 - I.S.O. Twin Pack™
 - I.S.O. Stick™
 - Twin Jet
 - I.S.O. Spray™ R
 - I.S.O. FIX™ II

Acceptable Immediate Substrates:

- 3,000 psi Structural concrete (must be clean, dry, and properly cured)
- Steel deck (min 22 ga)
- Plywood and OSB (min 1/2")
- Lightweight concrete
- Gypsum deck (min 2")

NOTE: Please consult the Design Guides and QuickSpecs online at www.firestonebpco.com to review specific information regarding the assembly.

Storage:

- Keep insulation dry at all times
- Elevate insulation above the deck or ground
- Cover insulation with waterproof tarps

ISO 95+™ GL Insulation

Precautions:

- Polyiso foam will burn if exposed to a flame of sufficient heat and intensity. Keep away from heat, sparks, and open flames.
- Protect against dust that may be generated during installation.
- Refer to Safety Data Sheet (SDS) for additional information.
- Take care when transporting and handling Firestone insulation to avoid physical damage.

Specification Compliance:

ASTM C1289, Type II, Class 1
UL Classified—UL1256
FM Class 1 Approved
Manufactured in an ISO 9001 Registered Facility
CAN/ULC-S704, Type 1, Class 3



CCMC 13274-L

LEED® Information:

See Recycled Content in table below.

Manufacturing Locations: Florence, KY Corsicana, TX Bristol, Ct
De Forest, WI Salt Lake City, UT Youngwood, PA
Jacksonville, FL

NOTE: Miami Dade Classified polyiso is only produced in the Jacksonville, FL and Youngwood, PA facilities.

Typical Properties (Meets ASTM C 1289, Type II, Class 1)

Property	ASTM Test Method	Firestone Typical Performance
Compressive Strength:	D1621	Grade 2: 20 psi (138 kPa) Grade 3: 25 psi (172 kPa) *
Density:	D1622	2 pcf (32 kg/m³)
Dimensional Stability:	D2126	<2%
Moisture Vapor Transmission:	E96	<1 perm (<57.5 ng/(Pa•s•m²))
Water Absorption:	C209	<1% by volume
Service Temperature:	----	-100 to 250 °F (-73 to 121 °C)
Flame Spread:	E84	Index 50
Smoke Development:	E84	Index 160 - 180

*25 psi (172 kPa) available upon request.

TECHNICAL INFORMATION SHEET



ISO 95+™ GL Insulation

Product Information

Thickness*		(R-Value) **	Max Flute Span		Approx. Recycled Content		
inches	mm		inches	mm	Post-Consumer	Post Industrial	Total
0.5	12.70	2.9	1.50	38.10	52%	15%	67%
1.0	25.40	5.7	2.62	66.67	37%	15%	52%
1.1	27.94	6.3	2.62	66.67	36%	15%	51%
1.2	30.48	6.8	2.62	66.67	34%	15%	49%
1.3	33.02	7.4	3.67	93.34	32%	15%	47%
1.4	35.56	8.0	3.67	93.34	30%	15%	45%
1.5	38.10	8.6	4.37	111.12	29%	15%	44%
1.6	40.64	9.1	4.37	111.12	27%	15%	42%
1.7	43.18	9.7	4.37	111.12	26%	15%	41%
1.75	44.45	10.0	4.37	111.12	26%	15%	41%
1.8	45.72	10.3	4.37	111.12	25%	15%	40%
1.9	48.26	10.8	4.37	111.12	24%	15%	39%
2.0	50.80	11.4	4.37	111.12	24%	15%	39%
2.1	53.34	12.0	4.37	111.12	22%	15%	37%
2.2	55.88	12.6	4.37	111.12	21%	15%	36%
2.25	57.15	12.9	4.37	111.12	21%	15%	36%
2.3	58.42	13.2	4.37	111.12	21%	15%	36%
2.4	60.96	13.8	4.37	111.12	20%	15%	35%
2.5	63.50	14.4	4.37	111.12	20%	15%	35%
2.6	66.04	15.0	4.37	111.12	19%	15%	34%
2.7	68.58	15.6	4.37	111.12	18%	15%	33%
2.75	69.85	15.9	4.37	111.12	18%	15%	33%
2.8	71.12	16.2	4.37	111.12	18%	15%	33%
2.9	73.66	16.8	4.37	111.12	17%	15%	32%
3.0	76.20	17.4	4.37	111.12	17%	15%	32%
3.1	78.74	18.0	4.37	111.1	16%	15%	31%
3.2	81.28	18.6	4.37	111.12	16%	15%	31%
3.25	82.55	18.9	4.37	111.1	16%	15%	31%
3.3	83.82	19.2	4.37	111.12	16%	15%	31%
3.4	86.36	19.9	4.37	111.1	15%	15%	30%
3.5	88.90	20.5	4.37	111.12	15%	15%	30%
3.6	91.44	21.1	4.37	111.1	14%	15%	29%
3.7	93.98	21.7	4.37	111.12	14%	15%	29%
3.75	95.25	22.0	4.37	111.1	14%	15%	29%
3.8	96.52	22.3	4.37	111.12	14%	15%	29%
3.9	99.06	23.0	4.37	111.1	14%	15%	29%
4.0	101.60	23.6	4.50	114.30	14%	15%	29%
4.1	104.14	24.2	4.50	114.3	13%	15%	28%
4.2	1.6.58	24.9	4.50	114.30	13%	15%	28%
4.25	107.95	25.2	4.50	114.3	13%	15%	28%
4.3	109.22	25.5	4.50	114.30	13%	15%	28%
4.4	111.76	26.1	4.50	114.3	13%	15%	28%
4.5	114.3	26.8	4.50	114.30	13%	15%	28%

*Other thicknesses available upon request.

**R- values provide a 15-year time-weighted average in accordance with CAN/ULC-S770.

Please Firestone Technical Services Department at 1-800-428-4511 for further information.

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Historic District Commission Action List – 2020

Historic District Commission	Quarter	Rank	Status
Complete CLG Community Partnership Program Applications	1 st (January-March)	1	<input checked="" type="checkbox"/>
Schedule Training Sessions for HDC and Community	1 st (January-March)	2	<input type="checkbox"/>
Redesign HDC Board Applications	2 nd (April-June)	3	<input checked="" type="checkbox"/>
Draft Letter to Historic Property Owners	2 nd (April-June)	4	<input type="checkbox"/>
Revamp Heritage Home Program	3 rd (July-September)	5	<input type="checkbox"/>
Historic District Ordinance Enforcement	3 rd (July-September)	6	<input type="checkbox"/>
Develop Interactive Map of Historic Properties in Birmingham	4 th (October-December)	7	<input type="checkbox"/>

Updates:

1. CLG Community Partnership Applications submitted February 3rd, 2019
 - Survey – Little San Francisco (The “Ravines”)
 - Design Guidelines – New and Emerging Materials
 - **Projects were not selected**
 - Projects submitted for CLG Grant Program opportunity
2. Three trainings selected (**need to be scheduled**):
 - Historic District Commissioner Training
 - Building Assessment 101
 - Understanding Historic Designation
3. Updated Design Review application for HDC as of June 2020
 - Simplified, reformatted, and trimmed unnecessary sections
 - Updated PDF to be a fillable form

COLLABORATIVE PRESERVATION PROJECT MATRIX – *PLANNING DIVISION*

	GREENWOOD CEMETARY	HISTORIC DISTRICT COMMISSION	HISTORIC DISTRICT STUDY COMMITTEE	MUSEUM	PARKS	BALDWIN LIBRARY	FRIENDS OF THE MUSEUM	BIRMINGHAM PUBLIC SCHOOLS
<p>Reinitiate the Heritage Home Program</p> <ul style="list-style-type: none"> <i>HDSC is working on reviving the HH program, which includes re-evaluating guidelines, purchasing new plaques, creating an application, and updating city records on condition/stock. A map has been created by the Planning Division highlighting current and future eligible homes)</i> 			X	X				
<p>Audit designated historical homes and buildings</p> <ul style="list-style-type: none"> <i>HDSC is evaluating current plaque conditions with plans to update any information, and create a detailed electronic database</i> 			X	X				
<p>Promote the history and designation of historic properties</p> <ul style="list-style-type: none"> <i>The HDSC is getting creative in promotion through designs for an ArcGIS Story Map, themed walking tours, social media presence, and regular newsletter articles</i> 			X	X				
<p>Publish Eco City Survey</p> <ul style="list-style-type: none"> <i>Update photograph database and conditions</i> 			X	X				

<ul style="list-style-type: none"> <i>Publish Eco City Survey</i> 								
Obtain a historical plaque for the Community House <ul style="list-style-type: none"> <i>Create detailed information database and content for sign</i> 			X	X				
Update/expand/digitize Greenwood Cemetery records <ul style="list-style-type: none"> <i>GCAB is reviewing RFP for ground penetrating radar on 8/16. Part of project will be to obtain digital map that allows us the ability to add data and integrate with search software.</i> <i>City Clerk's Office continues, when time permits, to update BS&A cemetery module with historical cemetery records. Current sales/burials are being updated quarterly when Elmwood supplies the office with the records for the quarter.</i> 	X		X	X			X	
Historic headstone inventory and condition assessment/repairs	X		X	X			X	
Update Greenwood biographical information for existing tour program, interactive map and online access <ul style="list-style-type: none"> <i>One of outcomes sought from GPR project is interactive map that can be made accessible online.</i> 	X		X	X			X	

<ul style="list-style-type: none"> <i>Museum: Working with Friends, some Greenwood bios are complete and being updated on an ongoing basis.</i> 								
<p>Locate Potter's Field at Greenwood</p> <ul style="list-style-type: none"> <i>GCAB and Friends of Museum member, Linda Buchanan, has extensive research on history of Potter's Field, including where/when some of original burials were moved. Am requesting that the information be assembled into written document.</i> 	X		X	X			X	
<p>Preservation project Certified Local Government (SHPO) grant funding at Allen/Hunter Houses</p> <ul style="list-style-type: none"> Museum: assessment underway to determine appropriateness of Hunter House exterior restoration project for fall CLG funding cycle (Oct 1, 2019). 		X		X				
<p>Preserve and improve Museum site and adjacent trails for enhanced public access/ explore relevant grants</p> <ul style="list-style-type: none"> Museum: working with Parks/DPS, trail maintenance and treatment of invasives underway. Heritage Zone plan being finalized for improvements in vicinity of Allen/Hunter Houses. 				X	X			

<p>Grants to be explored early 2020.</p> <ul style="list-style-type: none"> DPS: Ongoing site improvements to landscape, invasive species and water issues. Collaboration ongoing with Museum. 								
<p>Integrated/continuity of park signage and wayfinding</p> <ul style="list-style-type: none"> DPS: Standing by for logo update and coordination efforts with Planning/Admin with any signage installations. 				X	X			
<p>Enhance/expand adult and child history-related enrichment programs</p> <ul style="list-style-type: none"> Museum: programs for adults and children have been expanded and enhanced and will be ongoing. 				X		X	X	X