As authorized by the Governor of the State of Alabama on March 18, 2020, elected officials may deliberate by means of telephone conference, video conference or other similar means of communication. Members of the public are also invited to listen, observe and participate in public meetings by such means as well.

Due to COVID-19 and the mandate that public gatherings of 10 or more are not permitted. Therefore, should anyone wish to listen, observe or participate in the City Council meetings of August 10, 2020 at 7 p.m. (pre-meeting at 6:15 p.m.), please join by way of the Zoom app (re: Meeting ID: 801-559-1126, password 08102020).

1. Proposals from Architectural Specialties to modify seven (7) directional signs to reflect the new name for the Library-Christopher Brown with Architectural Specialties (See attached information. This item may be added to the formal agenda.)

2. Bids for Cherokee Bend Elementary School field- Dale Brasher of Goodwyn, Mills and Cawood (See attached information.)

3. Patriots Day on September 11, 2020-Chief Mullins

4. Virtual Training grant for the Fire Department-Chief Mullins (See attached information.)

5. Request to improve an unopened alley behind 118-120 Cherry Street for rear parking-Lauren Barrett of Barrett Architecture Studios (See attached information.)

6. Mountain Brook Village Circle project proposal by the Board of Landscape Design-Sim Johnson, Chairman of the Mountain Brook Board of Landscape Design (See attached information. This item may be added to the formal agenda.)
August 6, 2020

Mr. Sam Gaston
City of Mountain Brook
Mountain Brook, AL

Re: Wayfinding Signage – Library

Sam:

We look forward to working with you on this project. Following are the pricing options to remove O’Neal from the existing wayfinding signage. The reflective graphics on the existing signs have a 7 year outdoor durability. There are a quantity of (7) seven existing signs:

Option A or B: Replacement Graphic Panels
Custom Panel at 4'-10” x 2'-10” x 1/8” thick
Background painted Dark Bronze
Painted Custom Green and Custom Gold Border
Reflective Gold and Reflective White Graphics
Digitally Printed Logo

Material Cost – (7) at $945 (each)... $6,615.00 + tax
Installation - (7) at $200 (each)... $1,400.00

Option C or D: Overlay Graphic Panels
Custom Panel at 1/8” thick
Background painted Dark Bronze
Reflective White Graphics

Material Cost – (7) at $300 (each)... $2,100.00 + tax
Installation - (7) at $100 (each)... $700.00

Terms: 50% Down Payment, Balance on Completion

Sincerely,

Christopher Brown, Sr. Vice President
Architectural Graphic & Design Specialties, Inc.

Approved: ____________________

Date: ____________________
CRESTLINE VILLAGE
The City of Mountain Brook

OPTION A
New Replacement Panel

- O'Neal Library
- City Hall
- Board of Education

OPTION B
New Replacement Panel

- Library
- City Hall
- Board of Education

OPTION C - Overlay Panel Only

- O'Neal Library

OPTION D - Overlay Panel Only

Job:
City of Mountain Brook
Mountain Brook, AL
08/06/2020

Notes:
All Aluminum Construction
Digitally Printed Logo
Reflective Vinyl Graphics

SIGNAGE
July 31, 2020

Duncan & Thompson Construction Services, LLC
520 Mineral Trace, Suite D
Hoover, Alabama 35244

RE: Cherokee Bend Field
Project #LBHM190026
Bid

Thank you for bidding on the Cherokee Bend Field Improvements. Due to logistical issues with construction and the school year operations, Mountain Brook City Schools and the City of Mountain Brook have decided to reject the bids. Plans are to bid the project again at a later date with an anticipated construction start time of Summer 2021.

Please do not hesitate to contact me if you have any questions.

Sincerely,

Goodwyn, Mills & Cawood, Inc.

Dale Brasher, PLA
Landscape Architecture
<table>
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<th>ITEM</th>
<th>DESCRIPTION</th>
<th>BIDS</th>
<th>NOTATION</th>
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**Total Bids:** $750,000.00
This is a regional FEMA grant that provides money for virtual training. The grant involves Rocky Ridge Fire District, Vestavia Hills Fire Department, Cahaba Valley Fire District, North Shelby Fire District, and Mountain Brook Fire Department. The FEMA grant will provide technology that allows all of the mentioned departments to view or host training classes in real-time, improving the ability to standardized operational procedures between multiple departments. The grant also enhances firefighter safety and provides more opportunities for multiple crews to train at the same time while allowing crews to stay in-service in their assigned stations, reducing the need to pull crews out of their coverage. This technology will also allow us to work with and through the Alabama Fire College, increasing our ability to receive and provide quality training. The City's cost will be 10% of the requested equipment cost. Currently, Chief Mullins has the equipment cost at $98,659.33, which would cost the City just under $10,000. See the attachment for Chief Mullins' breakdown on the MOU.

Please feel free to contact me if you have any questions or concerns.
ADDENDUM TO
MEMORANDUM OF UNDERSTANDING
Between the

Rocky Ridge Fire District and the Mountain Brook Fire Department
2018 Assistance to Firefighters Grant Program
Application EMW-2018-FR-00473

PURPOSE:

To amend previous MOU dated 10/31/2018 for the purpose of clarifying costs and projected local match as a result of IT equipment bids and restructuring of match determination.

IMPLEMENTATION OF AGREEMENT:

As signatories to the Memorandum of Understanding, and as previously verbally authorized, each participant agrees to provide 10% of the matching funds for the equipment identified in the application being prepared. The approximate 10% match for each piece of equipment is defined below.

**All pricing and quantities are subject to final award decisions. Participant agrees to this possibility and understands that the finals list of received equipment and local matching requirements could be altered and will agree to the new terms of the award at the time of its institution.

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AFG Memorandum of Understanding, 2018 AFG Regional Application 1 | $98,659.33
Mr. Gaston: James H. Isobe, 3243 Dell Road, MB, 35223 here inquiring on method to get on City Council agenda. Plans are being made to potentially tear down existing home on 120 Cherry St., and build new home. There is alley way, listed as #8 on city map, which is in the rear of the property, now presently blocked by a tree. We would like to clear out entry way and utilize the alley for access to the rear of the property for parking. My architect, Lauren Barrett has inquired about this matter with Dana Hazen, and my understanding is that this needs to be presented to the City Council for their blessing. Please instruct me on how, when, what information to bring to the meeting. Thanks, JHIsobe.
VIEW LOOKING NORTH

APPROX. LOCATION OF ALLEY
SCALE: 1' = 30'

STATE OF ALABAMA
JEFFERSON COUNTY

1. Ray Weygand, a Registered Land Surveyor, hereby certify to the purchaser of the property that the survey and drawing have been completed in accordance with the current requirements of the Standards of Practice for Surveying in the State of Alabama to the best of my knowledge, information and belief.

Order No. 344A
Purchase: 120 CHERRY STREET
Address: 169 Oxmoor Road Homewood AL 35209
Phone: (205) 842-0985 Fax: (205) 842-0987
Copyright ©

WEYGAND SURVEYORS

Note: (a) No title search of the public records has been performed by this firm and any shown herein was not abstracted for easements and/or rights-of-way; recorded or unrecorded. The parcel shown herein is subject to setbacks, easements, zoning, and restrictions that may be found in the public records of said county and/or city. (b) All boundaries and/or angles are derived from a plat and actual alien are shown otherwise noted. (c) Undiscovered portions of foundations, walls, and/or other underground structures, utilities, and/or basements are not shown unless otherwise noted. (d) The shown north arrow is based on a recording map. (e) This survey is not transferable. (f) Easements not shown on the recorded map are not shown above.
Sam, Steve, and Virginia,

I would appreciate if you would please place the Village Circle project on the Pre-Meeting agenda for August 10th so I may obtain direction from you, the city council and Mayor Welch about the proposed comprehensive study of how to optimize the historic landscape of Mountain Brook Village to support our local businesses and encourage safe community interaction. In anticipation of permanent closure of Canterbury Road to Cahaba Road, members of the Mountain Brook Board of Landscape Design have been in discussions with local philanthropic individuals and foundations about donating so that the City of Mountain Brook may hire a Dream Team of landscape architects and plant experts to develop a redesign for Village Circle led by nationally-acclaimed landscape architecture firm OLIN (https://www.theolinstudio.com/featured-projects) in association with local landscape architects Joel Eliason and Dave Giddens of Nimrod Long & Associates. OLIN, with experience designing other complicated traffic circles like Columbus Circle in NYC (https://www.theolinstudio.com/columbus-circle) and Logan Circle in Philadelphia (https://www.theolinstudio.com/logan-circle), also has the appreciation for the history of Village Circle and its original designer Warren Manning to celebrate Mountain Brook Village’s past while envisioning it’s even brighter future.

The design costs for this project include hiring a Planting Design Team led by Landau Design + Technology (https://www.landau.design/) to study what native plants would perform best in Village Circle and to use computer modeling to design optimal plant communities. OLIN and the Planting Design Team are interested in this project as a case study to research how best to design attractive native plantings with minimal inputs (maintenance, irrigation, fertilizer, weeding, pruning, replacement costs) while the City of Mountain Brook should be interested in the project to support our local businesses and spur revenue while providing an opportunity for the community to come together during these uncertain times. Furthermore, the Planting Design Team of George Gann, Mark Skinner, Anne Frances and Al Schotz through the Village Circle project will develop for the City of Mountain Brook, surrounding governments and private property owners in the Greater Birmingham area a comprehensive database of plants native to our region to inform us all what to plant together to best vegetate our land.

With the understanding that the City of Mountain Brook would not typically budget for such a thorough study of best design for Village Circle, the project proposes that the City of Mountain Brook commit to funding the $16,500.00 concept design fee of OLIN while the $34,500.00 planting design fee and the additional fees for local landscape architects and a traffic engineer will be raised from private donations. I have attached the fee proposals of OLIN and the Planting Design Team with additional information. I look forward to discussing with you all, the rest of the city council and Mayor Welch at the August 10th Pre-Meeting and thank you for your consideration!

Sim S.W. Johnson
Chair, Mountain Brook Board of Landscape Design
OLIN

City of Mountain Brook,
Mountain Brook, AL

PROJECT: City of Mountain Brook Village Circle Project

SUBJECT: OLIN Scope of Services for Concept Design

13 July 2020

Dear City Officials,

OLIN is pleased to provide the following scope of services for the redesign of segments of the Village Circle traffic islands. This scope is based on our discussions with Mountain Brook Board of Landscape Design Chair Sim Johnson, review of current conditions outlined in supporting CAD documents, as well as previous traffic studies by the engineering firm, Sain Associates.

The enhanced design concepts will be created based on the combining of two existing traffic islands at the intersection of Canterbury Road and Cahaba Road into one large traffic island, as well as the redesign of an existing traffic island in front of a group of businesses that is to the northwest of the newly merged island. The goal of the design will be to integrate new public seating to encourage more foot traffic in Mountain Brook Village to support local merchants and increase community interaction. Additionally, the redesign will consider a more ecologically robust planting design that will be facilitated by the complimentary efforts identified in the Village Circle design fee proposed by Landau Design + Technology and local consultants.

SCOPE of SERVICES

OLIN will provide landscape architectural design and three (3) concepts for an enhanced landscape design for The Village Circle project. The concepts and budget are contingent on integration of the services of a local traffic engineer and civil engineer to aid in and vet all designs. The local landscape architecture firm of Nimrod Long and Associates will provide underground utilities drawings and complete the documentation of the final design. OLIN shall be the design lead on this project and will be responsible for ensuring that the resultant planting plan is sympathetic to the agreed upon design priorities.

OLIN will provide the following services in collaboration with the Client and the Client's consultants:

1. Review Client-provided CAD and other documents related to the current Village Circle traffic islands to understand the spatial design, pedestrian connections, adjacent context, including adjacent hardscape and architectural vernacular, and local codes, regulations and standards as required.

   Duration: 1 week
   Deliverables: Diagrams of circulation patterns, sun/shade studies, analysis of underground utilities, viewsheds and relevant adjacencies.
2. Potential site visit - contingent on safe transportation during COVID.
   Duration: 1 day plus travel (expenses not to exceed $2000)
   Deliverables: Experience the site in person to evaluate design intervention options - meet with client.

3. Develop three (3) conceptual designs that A) integrate enhanced walkability to and from businesses along the circle connecting to crosswalks with clear and safe pedestrian routes and to create the opportunity for community interaction within the island “parks.” B) Integrate seating where appropriate. C) Enhance planting in islands that add to the beauty, ecology, and function of the traffic islands. D) Collaborate with Planting Design team to further the process.
   Duration: 2 weeks
   Deliverables: 3 presentation boards that visually communicate each design with narrative of design, a conceptual plan, and relevant sectional studies.

4. Further development of selected design scheme with input from client.
   Duration: 2 weeks
   Deliverables: Refined plan

5. Work with Planting Design team members including George Gann - Society for Ecological Restoration, Al Schotz - Auburn University Botanist, Mark Skinner, Ph.D. - Author of EcoRegional Revegetation Application, and Anne Frances, Ph.D - NatureServe, under contract to Landau Design + Technology, to further develop planting plan for the chosen scheme.
   Duration: Concurrent with above task
   Deliverables: Final Schematic Plans, Sections and two (2) Perspective drawings of site

CONSULTANTS

No sub-consultants are to be hired by OLIN for this scope of work. It will be necessary for OLIN to coordinate with the Client’s traffic consultant, civil engineer, and local landscape architect mentioned above with regard to the site and subsurface conditions and installed utilities.

SCHEDULE

The proposed schedule of work is summarized below.

- Conceptual Design September 2020 to TBD

COMPENSATION

Compensation for the Conceptual Planting Plan shall be a Stipulated Sum of Sixteen Thousand Five Hundred ($16,500.00) Dollars, billed monthly on the basis of work completed for professional services for OLIN, inclusive of travel expenses.
TERMS AND CONDITIONS:

This Proposal is valid for ninety (90) days from the date submitted to the Owner.

OLIN’s additional standard Terms and Conditions are incorporated in Exhibit A as attached.

Please indicate your agreement to the foregoing Proposal by signing two copies and returning the copy to OLIN.

Very truly yours,

OLIN PARTNERSHIP, LTD.

______________________________________________

By:__________________________________________

Title:________________________________________

The foregoing proposal is hereby agreed to.

[INSERT NAME OF OWNER]

______________________________________________

By:

Title:________________________________________

Date of Acceptance:__________________________
EXHIBIT A
Olin Partnership, Ltd.
INSERT PROJECT TITLE, etc.
TERMS AND CONDITIONS

1. Standard of Care
   A. The standard of care for all professional services performed or furnished by Olin Partnership, Ltd. under this Agreement will be the skill and care ordinarily used by members of Olin Partnership, Ltd.’s profession practicing under the same or similar circumstances at the same time and in the same or similar locality. Olin Partnership, Ltd. makes no warranties, express or implied, under the Agreement or otherwise, in connection with Olin Partnership, Ltd. services.

2. Compensation
   A. Payments on account of professional fees, consultants’ fees and reimbursable expenses shall be made monthly within thirty (30) days after presentation of Olin Partnership, Ltd.’s statement of services. Notify Olin Partnership, Ltd., in writing, of any and all objections, if any, to an invoice within ten (10) days of the date of invoice. If any payment is not made to Olin Partnership, Ltd. within thirty (30) days after the date on which it is due, the Owner shall pay interest on such overdue payment at the rate of ten percent (10%) per annum from the date on which such payment is due until the date of payment. In the event that the Owner fails to pay Olin Partnership, Ltd. any amount within sixty (60) days after the date on which it is due, Olin Partnership, Ltd. may, after seven (7) days’ written notice to the Owner, suspend or terminate services under this Agreement until any outstanding amounts (with interest, as aforesaid) have been paid in full.
   B. Failure to make payments to the Olin Partnership, Ltd. in accordance with this agreement shall be considered substantial nonperformance and cause for termination or, at the Olin Partnership, Ltd.’s option, cause of suspension of services. In the event of event of a suspension of services, Olin Partnership, Ltd. shall have no liability to the Owner for delay or damage caused the Owner because of such suspension of services.
   C. Olin Partnership, Ltd. shall not be responsible for the acts or omissions of the Owner, the Owner’s other consultants, any contractor or subcontractor performing any work with respect to the Project, or any agents or employees of any of the foregoing.

3. Indemnification
   A. Owner and Olin Partnership, Ltd. each agree to indemnify and hold the other harmless, and their respective officers, employees, agents and representatives, from and against liability for all claims, losses, damages and expenses, including reasonable attorney’s fees to the extent such claims, losses, damages, or expenses are caused by the indemnifying party’s negligent acts, errors or omissions. In the event claims, losses, damages or expenses are caused by the joint or concurrent negligence of Owner and Olin Partnership, Ltd., they shall be borne by each party in proportion to its negligence.

4. Force Majeure
   A. Neither party shall be deemed in default of this Agreement to the extent that any delay or failure in the performance of its obligations results from any cause beyond its reasonable control and without its negligence.

5. Dispute Resolution
   A. Owner and Olin Partnership, Ltd. agree that they shall first submit any and all unsettled claims, counterclaims, disputes, and other matters in question between them arising out of or relating to this Agreement to mediation in accordance with the Construction Industry Mediation Rules of the American Arbitration Association, effective as of this agreement. Subsequent to mediation, the parties shall endeavor to resolve disputes by arbitration in accordance with Construction Industry Arbitration Rules of the American Arbitration Association effective as of this agreement.

6. Termination of Contract
   A. This Agreement may be terminated by either party upon not less than seven days' written notice should the other party fail substantially to perform in accordance with the terms of this Agreement through no fault of the party initiating the termination. Failure of Owner to make payments when due shall be cause for suspension of or termination of services. In the event of termination not the fault of Olin Partnership, Ltd., Olin Partnership, Ltd. shall be compensated for services performed prior to termination, together with Reimbursable Expenses then due.
7. Ownership of Documents
   A. Drawings, specifications and other documents, including those in electronic form, prepared by Olin Partnership, Ltd. And Olin Partnership’s consultants are instruments of service for use solely with respect to this Project. Olin Partnership, Ltd. and their consultants shall retain all common law, statutory and other reserved rights, including copyrights. Olin Partnership, Ltd. grants Owner a license to use instruments of Olin Partnership, Ltd.’s professional service for the purpose of constructing, occupying and maintaining the Project. Reuse or modification of any such documents by Owner, without Olin Partnership, Ltd.’s written permission, shall be at Owner’s sole risk, and Owner agrees to indemnify and hold Olin Partnership, Ltd. harmless from all claims, damages and expenses, including attorneys’ fees, arising out of such reuse by Owner or by others acting through Owner.
   B. Olin Partnership, Ltd. shall have the right to retain copies of all Materials for their records and for promotional use including photographic or artistic representations of the design of the Project among Olin Partnership, Ltd.’s promotional and professional materials. Olin Partnership, Ltd. shall be given reasonable access to the completed Project to make such representations. However, Olin Partnership, Ltd.’s materials shall not include the Owner’s confidential or proprietary information if the Owner has previously advised Olin Partnership, Ltd. in writing of the specific information considered by the Owner to be confidential or proprietary. The Owner and Olin Partnership, Ltd. shall each make all reasonable efforts to provide professional credit for each other in their promotional materials and award submissions for the Project.

8. Use of Electronic Media
   A. Copies of documents that may be relied upon by Owner are limited to the printed copies (also known as hard copies) that are signed or sealed by Olin Partnership, Ltd. Files in electronic media format or text, data, graphic or other types that are furnished by Olin Partnership, Ltd. to Owner are only for convenience of Owner. Any conclusion or information obtained or derived from such electronic files will be at the user’s sole risk. When transferring documents in electronic media format, Olin Partnership, Ltd. makes no representations as to long-term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems or computer hardware differing from those in use by Olin Partnership, Ltd. at the beginning of this assignment.

9. Construction Phase Services
   A. If this Agreement provides for any construction phase services by Olin Partnership, Ltd., it is understood that the Contractor, not Olin Partnership, Ltd., is responsible for the construction of the project, and that Olin Partnership, Ltd. is not responsible for the acts or omissions of any contractor, subcontractor or material supplier; for safety precaution, programs or enforcement; or for construction means, methods, techniques, sequences and procedures employed by the Contractor.

10. Opinions of Cost
    A. When included in the Olin Partnership, Ltd.’s scope of services, opinions or estimates of probable construction cost are prepared on the basis of Olin Partnership, Ltd.’s experience and qualifications and represent Olin Partnership, Ltd.’s judgment as a professional generally familiar with the industry. However, since Olin Partnership, Ltd. has no control over the cost of labor, materials, equipment or services furnished by others, over contractor’s methods of determining prices, or over competitive bidding or market conditions, Olin Partnership, Ltd. cannot and does not guarantee that proposals, bids, or actual construction cost will not vary from Olin Partnership, Ltd.’s opinions or estimates of probable construction cost.

11. Insurance
    A. Olin Partnership carries the following insurance coverages. Any required coverage greater than these amounts shall be paid by the Owner.
    Commercial General Liability: $1,000,000 each occurrence/$2,000,000 aggregate
    Excess Liability: $10,000,000
    Automobile Liability: $1,000,000 combined single limit
    Workers Compensation and Employers’ Liability: $1,000,000
    Professional Liability: $2,000,000 each claim/$2,000,000 aggregate
    ALL Other Terms and Conditions shall be in accordance with AIA B101-2007 or B104-2007
Services

Description

The City of Mountain Brook is developing plans for the redesign of their Village Circle. They are looking for an exciting and manageable planting plan that covers approximately 15000 sq ft or more.

In conjunction with a landscape architecture team, we are proposing a Planting Design Team — botanists, native plant experts, data scientists and computational designers — to create regionally-specific design options that meet aesthetic, botanical, ecological, management, and other design criteria.

In the process the Team wishes to push data and techniques for better planting design. And we plan to share our data and findings with a larger audience via a publication or white paper. We will also share our progress publicly with a larger audience via outlets such as the Plant Agents group (plantagents.org) and OLIN Labs (olinnlabs.com).

The plant experts, on the Team, George Gann and Mark Skinner, will begin by gathering and narrowing a plant list to meet these criteria:

- Locally Native
- Available
- Ecologically Compatible

Local botanist Al Schotz will help to verify the validity of the data that the Team collects as well as help guide the computational design of region-specific factors. Anne Frances will advise the project, and she and Al, being supported by their institutions, will contribute their time pro bono. The vetted native plant database created for the Village Circle Project will be shared with the City of Mountain Brook as well as government entities and the public in the Greater Birmingham area to inform and improve vegetation management decision making.

LANDAU will also identify geospatial data that help to describe the environmental characteristics of the site.

LANDAU will utilize the data to create performance-driven, algorithmically-generated planting design options. These options will follow various rules for each plant determined both by the plant’s needs (e.g. sun, water, soil, relationship to other plants) and interaction with environmental conditions across the site (e.g. soil, sun, water). Other rules within the algorithm will also reflect design objectives from the team (e.g. color, visibility, proximity, clustering, conservation, and provision of wildlife habitat).

LANDAU will work with the other members of the Planting Design Team to inform and validate ecological, horticultural, and botanical design decisions.

LANDAU will turn over all schematic-level planting designs to The Landscape Architecture Team led by OLIN for creation of construction documents and administration.
Team Structure

The Planting Design Team will be managed by LANDAU Design+Technology, but the expertise of the plant scientists on the team will help guide the decision making.

Chris Landau
Computational Designer
Team Manager

George Gann
Native Plant Expert

Mark Skinner, Ph.D.
Plant Data Scientist

Al Schotz
Local Botanist

Anne Frances, Ph.D.
Botany Advisor
Team

LANDAU
Design+Technology
www.landaudesign.com
399 Market St #360
Philadelphia, PA

Computational Designer

Chris Landau
LANDAU Design+Technology

Chris is an expert in computational design and visualization, utilizing software development to improve the efficiency and communication power of designers.

He is founder of LANDAU Design + Technology, a firm devoted to enhancing the power of design and designers through visualization, communication, and technology. From custom design workflows and automations to rich animations, LANDAU offers to prospect of magnifying creators of all types.
LANDAU primarily works with landscape architects, but has created tools for animal prosthetics and digital fabrication for artists. LANDAU collaborates happily with a team of highly-skilled subconsultants.

Prior to starting LANDAU Design+Technology, Chris worked landscape architecture firm, OLIN, contributing to the development of 3D representation and design. He was also a leader in the studio’s digital design research efforts and created a range of custom tools. Chris worked on several of OLIN’s most high-profile projects and competitions, including The Metropolitan Museum of Art Fifth Avenue Plaza in New York, Dilworth Park in Philadelphia, Apple Park, Google Mountain View Campus, and OLIN’s entries for the National Mall Design Competition in Washington, DC and the Philadelphia International Airport.

Chris is an educator and has presented on a range of topics to students at The University of Pennsylvania, Temple University, Drexel University, Moore College of Art and Design, Jefferson University, University of the Arts, and Virginia Tech, among others. Chris currently teaches an environmental animation studio each year at Penn’s Weitzman School of Design.
Native Plant Expert

George Gann
Society for Ecological Restoration

George is Founder and Chief Conservation Strategist at The Institute for Regional Conservation and International Policy Lead for the Society for Ecological Restoration (SER). Over 40 years George has completed hundreds of projects, published more than 100 articles, technical reports, websites, and a book, and given more than 100 presentations to the public and technical audiences. He has worked intensively on native plants, and rare plant conservation in the southeastern US and the Caribbean, from large-scale floristic efforts covering thousands of species to intensive small-scale projects at residential sites and in botanical gardens. He is a global expert on ecological restoration and the lead author of SER’s 2019 International Principles and Standards for the Practice of Ecological Restoration.

George believes in using traditional conservation tools, such as the establishment and management of protected areas, as well as more modern approaches including ecological restoration, rare species reintroduction and augmentation, and utilizing regional matrices of protected and restored areas to conserve native plants and animals. His use of floristic plant data to drive conservation strategies has been ground-breaking.
Local Botanist

Al Schotz
Auburn University

My interest in natural sciences developed at an early age while growing up on a farm in upstate New York. Having unlimited access to a rich diversity of natural environments enabled me to hone my future aspirations as a conservation biologist, and perhaps more specifically, with an emphasis in botany. Upon graduating from high school, I began to pursue my career, both academically and in the workforce. From the early days of my career attending a community college and conducting small-scale floristic studies to my current tenure at Auburn University, I have been truly fortunate with several opportunities for expanding my professional interests and making a difference. My career has taken me throughout much of the eastern U.S., including New York, Texas, Florida, and most recently, Alabama, where I've served in various capacities as a botanist and ecologist. Apart from my profession, I am primarily drawn to activities with an outdoor appeal, such as farming, gardening, fishing, hiking, and nature photography.

During the course of my career, I have authored and coauthored over 100 technical reports, scientific papers, and popular articles, as well as giving numerous presentations to a diverse suite of audiences.
Plant Data Scientist

Mark Skinner, Ph.D.
Author of Ecoregional Revegetation Application

Mark Skinner’s professional interests include floristics, conservation, plant materials for restoration, pollination, and lily taxonomy and evolution. Skinner was the Regional Botanist for the US Forest Service Pacific Northwest (PNW) Region from 2010-2018. He played a significant role—chief editor as well as leading the botany group—in the development of the PNW Terrestrial Restoration and Conservation Strategy, an integrated toolkit to guide conservation action that includes a book, spreadsheets, and GIS databases. As regional botanist he collaborated with peers and colleagues to revise an e-book on native plant restoration (http://www.nativerevegetation.org/learn/) and designed (with Robin Christians of WSP Consulting) and developed the data for the Ecoregional Restoration Application (http://www.nativerevegetation.org/era/), a national tool to select ecologically appropriate native plants for pollinator success.

Before that Skinner was the National Botanist for the USDA-Natural Resources Conservation Service. He was the primary architect (with Center director Scott Peterson), designer, data manager, and chief writer for the national PLANTS database (http://plants.usda.gov/), a comprehensive information system for U.S. plants that at the time was the most widely used digital plant information system in the world.

Before joining NRCS, Mark was the rare plant botanist for the California Native Plant Society, where he edited the 4th edition of the California endangered plant inventory and led CNPS efforts to improve state and federal protection for rare plants. He is the world expert on North American true lilies (Lilium). His dissertation at Harvard, "Comparative pollination ecology and floral evolution in Pacific Coast Lilium" explored how flowers evolve in response to pollination shifts. In retirement he remains active: working with Dr. Tom Givnish (U. Wisconsin-Madison) and colleagues on a global Lilium phylogenetic reconstruction, and continuing to work on data-driven solutions for plant selection to support habitat and pollinator restoration.
Botany Advisor

Anne Frances, Ph.D.
NatureServe

Anne Frances, Ph.D., Lead Botanist at NatureServe, sets priorities for and guides the activities of NatureServe’s Botany Department. Her role includes overseeing Global Rank Reviews and Climate Change Vulnerability Index Assessments for all plant species. She currently serves as the North American Plant Red List Authority and has collaborated on Red List projects such as the Global Cactus Assessment and updated the conservation status of rare orchids in the United States.

Previously, Anne worked as field botanist for Fairchild Tropical Botanic Garden and the Institute for Regional Conservation, as well as conducted independent field research in Costa Rica and Florida. Her diverse interests and over 20 years of experience in native plant conservation, ethnobotany, and restoration ecology help her in coordinating NatureServe’s efforts to protect rare plants and their ecosystems. She has a Bachelor of Arts degree in Biology from the University of North Carolina Chapel Hill, a Masters from Florida International University, and received her Ph.D. from the University of Florida. Currently, Anne serves as Affiliate Faculty at George Mason University.
Timeline

The planting effort will consist of 3 primary phases:

- Early Design
- Data Gathering
- Algorithm Design

Determining the duration of these phases will be challenging in the absence of a client timeline, but generally, after Early Design is complete, Data Gathering will take approximately 3 months and Rules Design will span 3 to 5 months.

Variables affecting the timeline may include client and team responsiveness and availability, team feedback, and development challenges, among others.
# Village Circle Planting

<table>
<thead>
<tr>
<th>Early Design Meetings</th>
<th>LANDAU</th>
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## Data Gathering

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## Rules Design

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### TOTAL FEE

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### TOTAL TIME DONATED

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Billing

Estimated Total Fee
*This is provided as a rough estimate. If scope of work changes we can discuss whether we want to create an add service or work hourly with check-in’s.

Total: <<Total Fee>>

Rates
If you would like more features added to the proposal, services will be billed at the rates below.

LANDAU Design and Consulting - $100/hr
Plant Experts Consulting - $100/hr

Payment
Invoices will be sent out upon completion of each phase and due no later than 60 days upon receipt of invoice.
General Terms

- The City of Mountain Brook will own all interim and final design drawings.
- LANDAU and other Planting Design Team members will have the rights to use all designs and design iterations for publication.
- Data gathered regarding plants or geospatial conditions will be shared with the City of Mountain Brook and the public. General findings of the study will also be shared with the group or publicly in publications and/or white paper(s) co-authored by LANDAU and the Planting Design Team members.
- LANDAU will retain rights to any proprietary software used or created in the process of developing the Village Circle project.
- LANDAU and the Planting Design Team will be relying on the expertise of the OLIN Landscape Architecture Team for final Construction Documentation and installation and will not be liable for the ecological, botanical, or horticultural viability of planting designs.
- LANDAU and the Planting Design Team will do their best to create the most viable planting design possible, but assert that this is ultimately a test. Almost all planting installations require management. We hope to reduce management and management costs but make no guarantees.
- Ultimately LANDAU will turn over designs and responsibility for designs to the OLIN Landscape Architecture Team and will not be liable for any aspect of the design during or after construction documentation, installation, etc.

These General Terms are just an outline of Terms which will be formalized in a Contract.