Civil Engineering Site Planning Sustainable Design

### WAYNE C.B. STARK, P.E., LEED AP BD+C

Professional Engineer, Owner

#### **Education:**

General Business Courses: St. Cloud State University, St. Cloud, MN (2003-2004)
B.S. Civil Engineering: North Dakota State University, Fargo, ND (1992)

### **Professional Registration/Certifications:**

Minnesota — License No. 26093 (1998) North Dakota – PE-9164 (2013) Iowa – License No. 22702 (2015) LEED AP BD+C, U.S. Green Building Council (2009) SWPPP Designer, University of Minnesota (2015)

#### **Professional Organizations:**

Minnesota Society of Professional Engineers (MnSPE)

- Active Member, since 1997
- President Lake Region Chapter (2000-2005)
- State Board of Directors (2003-2006, 2015-2019)
- MATHCOUNTS Chapter Coordinator (2006 to present)



#### **Experience:**

2010-Present	Professional Engineer and Owner of Stark Engineering, LLC
2005-2010	Project Engineer at MIDWEST Land Surveyors & Civil Engineers, Inc. (Anoka, MN). Responsible for all aspects of construction projects including engineering and management.
2001-2005	Geotechnical Division Manager at Independent Testing Technologies, Inc. (Waite Park, MN). Project management, scheduling/supervising drilling crew and soils analysis/reports.
1996-2001	Project Engineer at Short Elliott Hendrickson, Inc. (St. Cloud, MN). Managing and engineering of municipal projects. Assistant City Engineer for Rogers, Albertville and Paynesville, MN.
1993-1996	Design Engineer at Sisul Engineering, Inc. (Gladstone, OR). Designed and drafted plans for construction projects including residential subdivisions, apartment sites and commercial sites.

#### **Related Project Experience:**

Robinson-Stanton House – Sauk Rapids, MN
StorageLink Facility – Sartell, MN
Quarry Woods 9 – St. Cloud, MN
Traut Wells Building Site – St. Wendel Township, MN
BNSF MOW Building – Staples, MN
Como Park Forecourt – St. Paul, MN
Riverwalk Apartments – Elk River, MN
Great Lakes Coca-Cola Building Addition – Eagan, MN
Lake Byllesby Regional Park Bicycle Trail – Cannon Falls, MN
Lakewinds Natural Foods – Richfield, MN
Lake Phalen Waterfall – St. Paul, MN



# Civil Engineering Site Planning Sustainable Design

Owner/Principal: Wayne C.B. Stark, P.E., LEED AP BD+C Legal Name/Status: Stark Engineering, LLC Year Founded: 2010 Ownership Structure: Sole proprietor **Discipline**: Civil Engineering Location: Sauk Rapids, MN Level of Expertise: Professional Engineer Licensure: Minnesota, North Dakota, Iowa Years of Experience: 31 **About:** Stark Engineering performs a variety of civil engineering services including: o Grading and Drainage Design o Erosion and Sediment Control Design o Stormwater Management Systems o Potable Water Distribution Systems o Sanitary Sewer Collection Systems Street and Site Design o Sustainable Design Site planning services include: o Feasibility Studies o Subdivision Design o Planned Unit Developments o Mixed-Use Developments o Commercial and Institutional Design o Building and Parking Lot Layout Wetland Avoidance and Mitigation Firm-Wide Staff Count: Professional Engineers..... 1 Administrative Personnel...... 1 **2024 Billable Hourly Rates:** Professional Engineer.....\$140



CALYX
DESIGNING SUSTAINABLE SPACES WITH PURPOSE

#### ABOUT THE OFFICE

Founded in 2007 by Landscape Architect Benjamin Hartberg, **CALYX Design Group** is a local Saint Paul, MN design firm specializing in Landscape Architecture, Site Design, and Planning. We work on a broad range of project types, from small commercial improvements to large-scale master plan commissions.

We take time to define the project scope and utilize a collaborative approach to the design process, working with our clients & fellow design team members to help outline a work plan and generate solutions. Whether you're looking for basic design services, a phased master plan, or a highly detailed development package, we have the experience necessary for your project's success.

Our office is engaged with the community to bring awareness to multi-modal transportation, preservation of public spaces, and sustainability through innovative and collaborative Landscape Architecture + Planning.

#### MARKETS WE SERVE

athletic civic municipal medical commercial educational

industrial religious + spiritual

office financial hospitality residential

#### MISSION ----

As landscape architects, our responsibility goes beyond environmental stewardship. It extends into fostering new opportunities for people to engage with nature. We believe in the collaborative nature of the design process, seeking input and opinion from the entire stakeholder team. We see ourselves as a key partner in the design lifecycle, seeking to balance innovation, budget, and timeline.

#### OFFICE STAFF

Benjamin Hartberg PLA | ASLA | LEED AP Principal Landscape Architect ben@calyxdesigngroup.com

Hannah LoPresto PLA | ASLA Landscape Architect + Project Manager hannah@calyxdesigngroup.com

Aftyn Lehman ASLA
Designer + Marketing Lead
aftyn@calyxdesigngroup.com

#### CALYX Design Group LLC

- calyxdesigngroup.com
- 475 Cleveland Ave. North, Suite 101A
- St. Paul, MN 55104

  @calvxlandarch
- **(**0) 651.788.9018

Small Business Status | Small Business Enterprise and CERT certified in the counties of Ramsey and Hennepin

#### PROFESSIONAL SERVICES

#### **PLANNING**

pre-design studies master planning low impact development signage + wayfinding visual analysis

#### SITE DESIGN

landscape design
planting design
native habitat restoration
grading + drainage
erosion control
irrigation design

#### CONSTRUCTION DOCUMENTS

tree mitigation plans site plans demo and removals plans grading plans landscape plans planting plans landscape details irrigation plans + details

#### GRAPHICS (2D + 3D)

perspective + plan rendering 3D digital site modeling

#### **ADMINISTRATION**

contract management project management construction administration specifications

#### **ADDITIONAL SERVICES**

field tree inventory LEED/B3 credit support site furnishing selection playground design green roof design historic preservation



#### **TOWNHOMES**

At CALYX Design Group, we pride ourselves on thoughtfully designing the landscape surrounding townhome developments. We do this by focusing on how outdoor spaces can bring residents together and strengthen a sense of community. By selecting a cohesive palette of regionally appropriate, low-maintenance plants, we ensure year-round interest, shade, and comfort while reinforcing a unified neighborhood identity. Layered plantings soften building edges, enhance privacy, and provide visual continuity throughout the development. Past clients and projects include the following:

Harmony Parkview Rosemount, MN

The Mill Townhomes Staples, MN

Century Hills White Bear Lake, MN

**Eagle Pointe** Apple Valley, MN

**Crystal Park** Lakeville, MN RWD Century Townhomes
Minneapolis, MN

Northwoods Townhomes
Plymouth, MN

**700 Central Avenue** Minneapolis, MN

Marion Village Savage, MN

**Upper 33rd** Lake Elmo, MN Birch Pond Eagan, MN

Akron Ridge Rosemount, MN

**Dakota Acres** (ongoing) Elko-New Market, MN

Veteran's Village (ongoing) Eagan, MN

Little Mod Apartments Saint Paul, MN









## SUBDIVISIONS (SINGLE AND MULTI-FAMILY) AND MASTER-PLANNING

At CALYX Design Group, we as landscape architects aim to positively influence subdivision planning and design. We do this by placing a strong emphasis on thoughtful planting design and strategic plant selection that enhances both environmental performance and community appeal. By choosing regionally appropriate, resilient, and low-maintenance plant species, we create landscapes that support biodiversity, reduce water use, and improve long-term sustainability. Through these creative, ecologically grounded solutions, CALYX transforms subdivisions into cohesive, vibrant neighborhoods where planting design not only beautifies the environment but also strengthens functionality, environmental stewardship, and overall livability. Past clients and projects include the following:

Lakeville Subdivisions

Spirit of Brandtjen Farm:
(Multiple Additions and
Amenity Center)
Wild Wings
Rose Ridge
Bennett Bluffs
Voyageur Farms
Kyla Crossing (ongoing)

Trek Development

Champlin, MN

Wicklow Woods

Blaine, MN

Wyndham Village

Lake Elmo, MN

Taylor Street NE

Minneapolis, MN

Sagewood

Chaska, MN

Pax Christi Master Plan

Eden Prairie, MN

Afton Creek

Afton, MN

Fieldstone Passage

St. Michael, MN

Anderson Property

Waconia, MN

Emerald Isle

Rosemount, MN

Wrinkler Crossing

Cologne, MN

Ridgeview Estates

Elko-New Market, MN

Edgewood

Blaine, MN

Orchard Park

Waconia, MN

Legacy Woods

Delano, MN

Bluebird Grove

Vadnais Heights, MN

Parkwood Estates

Prior Lake, MN

Whispering Fields

Farmington, MN

Chatfield on Green

Chaska, MN

The Preserve-Hammers

Carver, MN

Carlson Ridge

Plymouth, MN

**Enchanted Island** 

Minnetrista, MN

Brookside Place

Coon Rapids, MN

**Woodland Cove** 

Minnetrista, MN

**Greywood Screening Plan** 

Delano, MN

**Bridle Creek** 

Jordan, MN

Marsh Pointe Preserve

Medina. MN

Fields at River Pointe

Otsego, MN

Timber Glen

Victoria, MN

**Ravine Crossing** 

Cottage Grove, MN

Lake John Subdivision

Annadale, MN

Avery-Place

Wyoming, MN

**Berndt Subdivision** 

Big Lake, MN

**B & B Crossing** 

Rosemount, MN

Parkwood Estates

Rockford, MN

South Pointe

Hastings, MN

Sunset West

Hastings, MN

Endres Property-Sandstone Ridge

Cannon Falls, MN

Westport Development

Sioux Falls, MN

Anna's Acres

Otsego, MN

Hannah's Landing

South Haven, MN

**Enclave at Manor Road** 

Eden Prairie, MN



## SUBDIVISIONS (SINGLE AND MULTI-FAMILY) AND MASTER-PLANNING continued

Donnay Homes Countryside

Shakopee, MN

**Waterfront Village** 

Ramsey, MN

**Woodland Cove** 

Minnetrista, MN

**Vermillon Commons** 

Farmington, MN

Eagle Crest Master Plan

Shakopee, MN

**Vermilion Commons** 

Farmington, MN

**Eagle Pointe Estates** 

Shakopee, MN

**Cowley Lake Preserve** 

(ongoing) Rogers, MN

**Peltier Ponds** 

(ongoing) Lino Lakes, MN

**Eliana Estates** 

(ongoing) Shakopee, MN

Victoria Neighborhood

(ongoing) Victoria, MN Elm Creek Ridge

(ongoing) Waconia, MN

Pebble Creek

(ongoing) Rochester, MN

**McHattie Site** 

(ongoing) Cottage Grove, MN

GMACH Subdivision

(ongoing)

Rogers, MN

**Enclave at Carver Creek** 

(ongoing) Carver, MN









#### MULTI-FAMILY HOUSING

Multi-Family housing allows us at CALYX Design Group to work at an intimate scale, creating highly detailed spaces that accentuate where people live. A landscape which represents the Owner's exterior space needs as equally as their interior is what turns a house into a home. Each of our housing projects begin with gaining an understanding of the unique needs of the Owner, helping ensure the final product is lasting and memorable. Past clients and projects include the following:

# **Bridgeway Apartments**

Robbinsdale, MN

#### **Calhoun Apartments**

Parking Deck Minneapolis, MN

### **Century North Apartments**

Oakdale, MN

#### City Center Apartments

Burnsville, MN

#### **Eastgate Apartments**

Owatonna, MN

#### **Gates of Carlson Apartments**

Minnetonka, MN

#### **Montreal Court Apartments**

Apartment Clubhouse Little Canada, MN

#### **Nestle Artist Lofts**

St. Louis Park, MN

#### Oaks Union Depot Condos

St. Paul, MN

#### Park Acres Apartments

New Hope, MN

#### Park View Terrace Apartments

Moorhead, MN

#### **Uptown Landing Apartments**

Burnsville, MN

#### Villas of Lilydale

Lilydale, MN

#### **Waterstone Place Apartments**

Minnetonka, MN

#### Verdant at West Side Flats

St. Paul, MN

#### White Oak Estates Apartments

Baxter, MN

#### York Ave Apartments

Edina, MN

#### **Carver Apartments**

'Gallery Chaska' Chaska, MN









#### MIXED-USE

With years of experience in the housing, commercial, and hospitality markets, CALYX Design Group has the experience required for a successful mixed-use project. From planting plans to pedestrian plazas, we provide a variety of professional services to give your project a lasting impression. Past clients and projects include the following:

#### **Burgundy Place**

Mixed Use Edina, MN

#### City of Excelsion

Mixed Use Excelsior, MN

#### **Eitel Tower Apartments**

Mixed Use Minneapolis, MN

#### 7200 France Avenue

Mixed Use Edina. MN

#### 1570 Halgren Road

Mixed Use Maple Plain, MN

#### Revel

Mixed Use Minneapolis, MN

#### Minnehaha Ave

Mixed Use Retail Minneapolis, MN

#### 360 Office Building

Mixed Use Watford City, ND

#### **Spirit Pointe**

Mixed Use Development Lakeville, MN

#### The Scenic at West Side Flats

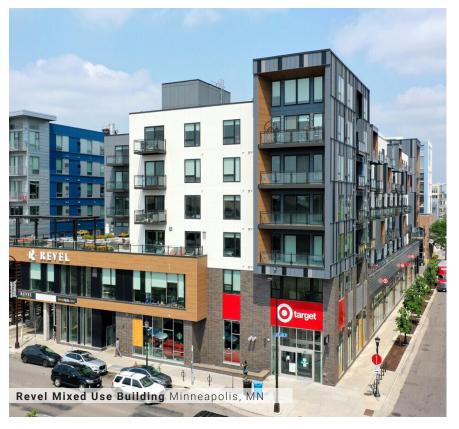
Mixed Use St. Paul, MN

#### **Wyldridge Preserve**

Mixed Use White Bear Township, MN









## Benjamin Hartberg

CALYX Design Group principal landscape architect PLA | ASLA | CLARB | LEED AP ■ ben@calyxdesigngroup.com

**©** (0) 651.788.9018

(C) 651.334.5498

Education

North Dakota State University Fargo, ND

Bachelor of Landscape Architecture

Registration

colorado | no. 1658 indiana | no. LA22200043 iowa | no. 632 michigan | no. 1523 minnesota | no. 48084 nebraska | no. 432 north dakota | no. 83 ohio | no. LA2401701 south dakota | no. 16545 wisconsin | no. 638

Relevant Project Portfolio

**Veterans Village Townhomes** Egan, MN

Crystal Park Townhomes
Lakeville, MN

Spirit of Brandtjen Farm Subdivision Lakeville, MN

Cowley Lake Preserve Subdivision (ongoing) Rogers, MN

#### ABOUT

Ben has over 20 years of experience in landscape architecture. His work ethic and passion have lead him to become the founding principal of CALYX Design Group. He is committed to serving clients with top quality design and educating them on sustainable practices for preserving and developing public spaces. As principal landscape architect, Ben leads a wide range of tasks ranging from pre-design meetings and stakeholder engagements to overseeing design and approving construction documents. Ben is readily available for questions from both the design team and client at any time during the process. Ben continues to value leadership & accountability without compromising quality design.

#### PROFESSIONAL CREDENTIALS

American Society of Landscape Architects (ASLA)

Council of Landscape Architectural Registration Boards (CLARB) Certified

United States Green Building Council Member

LEED Accredited Professional

Years Within Firm: 18

Years of Professional Work Experience: 28

#### **HONORS + INVOLVEMENT**

Finance + Commerce Top Project 2024 St. Therese of Corcoran

Finance + Commerce Top Project 2024 White Bear Lake High School North Campus

AIA-MN Merit Award 2024 V3 Sports Center North Minneapolis

NAIOP Award of Excellence 2023 Cafesjian Art Trust

Finance + Commerce Top Project 2023 Cafesjian Art Trust

AIA-MN Merit Award 2022
Fergus Falls Public Library Addition and Remodel

Guest Critic, Spring 2020 & 2021 NDSU Landscape Architecture Program 3rd Year Landscape Architecture Studio Review





#### Hannah LoPresto

CALYX Design Group landscape architect PLA | ASLA Mannah@calyxdesigngroup.com ♥ (0) 651.788.9018

Education

University of Nebraska-Lincoln Lincoln, NE

Bachelor of Landscape Architecture

Registration

minnesota no. 63150

Relevant Project Portfolio

## Hannah's Landing Subdivision

South Haven, MN

## Birch Pond Townhomes

Eagan, MN

#### **Marion Village Townhomes**

Savage, MN

#### **Timber Glen Subdivision**

Victoria, MN

#### **McHattie Site Subdivision**

(ongoing) Cottage Grove, MN

#### **ABOUT**

Beginning as an intern for CALYX Design Group in 2019, Hannah is now a landscape architect and project manager. Hannah has strong work experience in both the public and private sector through all aspects of the design process. With sharp attention to detail and well versed technical skills, Hannah brings projects from conceptual design to construction documents.

#### PROFESSIONAL CREDENTIALS

American Society of Landscape Architects (ASLA)

Council of Landscape Architectural Registration Boards (CLARB) Certified

Years Within Firm: 5

Years of Professional Work Experience: 5

#### **HONORS + INVOLVEMENT**

Finance + Commerce Top Project 2024 St. Therese of Corcoran

Finance + Commerce Top Project 2024 White Bear Lake High School North Campus

AIA-MN Merit Award 2024 V3 Sports Center North Minneapolis

NAIOP Award of Excellence 2023 Cafesjian Art Trust

Finance + Commerce Top Project 2023 Cafesjian Art Trust

ANOVA LARE Grant Recipient 2021

LAF Olmsted Scholar 2020

ASLA Student Honor & Merit Award Finalist 2020

CAFA Outstanding Student Award 2020

Tau Sigma Delta Bronze Medal Recipient 2020





Aftyn Lehman
CALYX Design Group
designer + marketing lead
ASLA

■ aftyn@calyxdesigngroup.com
© (0) 651.788.9018

Education

North Dakota State University Fargo, ND

Bachelor of Science in Environmental Design with a Minor in Horticulture

Master of Landscape Architecture

Relevant Project Portfolio

#### **Dakota Acres Townhomes**

(ongoing) Elko-New Market, MN

Lil Mod Apartments

Saint Paul, MN

#### **Elm Creek Ridge Subdivision**

(ongoing) Waconia, MN

#### **Pebble Creek Subdivision**

(ongoing) Rochester, MN

#### **Enclave at Carver Creek Subdivision**

(ongoing) Carver, MN

#### ABOUT

Beginning as an intern for CALYX Design Group in 2023, Aftyn is now a full time designer. Graduating from NDSU in 2025, Aftyn received a Masters degree in Landscape Architecture. During his time at NDSU, Aftyn took on various leadership roles including Graduate Teaching Assistant for Digital Media and Methods, further developing his acumen in design technology. At CALYX, Aftyn assists the team in the preparation of construction documents, 3D graphics, and field observation reports. Aftyn has gained experience working on a wide variety of project sectors from commercial & industrial to municipal & athletic.

#### PROFESSIONAL CREDENTIALS

American Society of Landscape Architects (ASLA)

Years Within Firm: 2

Years of Professional Work Experience: 2

#### **HONORS + INVOLVEMENT**

Dennis C. Colliton Thesis Award Finalist Runner-Up 2025

ASLA Nebraska Dakota's Chapter Merit Award 2025

NDSU Digital Technology Graduate Teaching Assistant 2023-2025

Summa Cum Laude Graduate 2025 Master of Landscape Architecture

NDSU Dept. of Landscape Architecture Class Representative 2021-2025

Tau Sigma Delta High Honor Society Member 2022-2025

Summa Cum Laude Undergraduate 2024 Bachelor of Science in Environmental Design

LADREM New Faculty Hiring Committee 2024

NDSU ASLA Student Chapter President 2022-2024

Student Representative for the Landscape Architecture Accreditation Board 2021

# DJR FIRM PROFILE







DJR is a multidisciplinary architecture, interior design and urban planning practice based in Minneapolis, Minnesota. Starting in a residential Minneapolis neighborhood doing urban planning and residential design, we have grown into a design leader in many market sectors including affordable housing, mixed-use development, special needs housing, hospitality, interiors design, and urban planning and design. Our projects are developed as part of a local context within larger societal, economical, and ecological systems, and strive to complement client goals with neighborhood and community desires.

With these early experiences and years of community involvement, our creative designs have become an integral part of the Twin Cities urban and regional fabric. We have emerged as the leader in development planning services after many years of pre-development planning and working with municipalities and the public sector. We are passionate about working with and for their clients to educate and inspire community leaders into action to build community sustainability and wealth, and to move discussions forward that stretch the possibilities in the design, planning and building of high-quality architecture and design. Our people and processes foster connective, inclusive environments that celebrate the diversity of collective teams, clients, and communities.

#### MARKET SECTORS

- Affordable and Special Needs Housing
- Multi-Family Housing
- Retail & Commercial
- Urban Design

- Master Planning
- Hospitality
- Single-Family Housing
- Educational Projects
- Senior Housing

#### **PRINCIPALS**

Dean Dovolis, AIA, NCARB, LEED AP Scott England, RA Sheldon Berg, AIA, NCARB, LEED AP Madi Goodrich

#### **EMPLOYEE PROFILE**

Registered Architects	8
Architectural Design	7
Interior Design	5
Administrative	3
Total Staff	23

# **Three Storey RF64 complex**







We completed this project as the construction partner on development utilities on the apartment and townhome side, built 64 Townhomes with KWA and currently own four as rentals. We value engineered the project with the ownership group to find seven figure savings bringing it from red into black.



# **Plymouth Project**



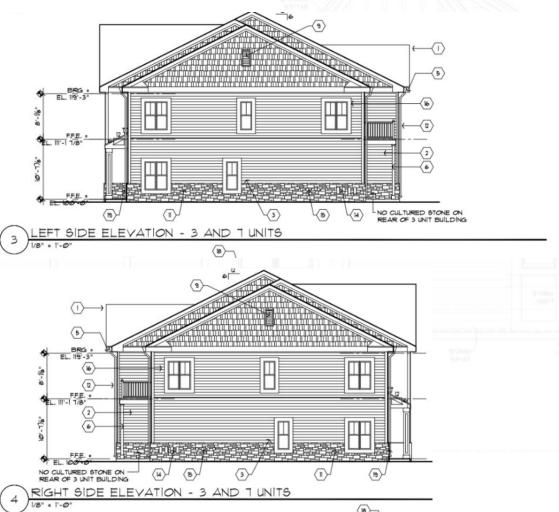




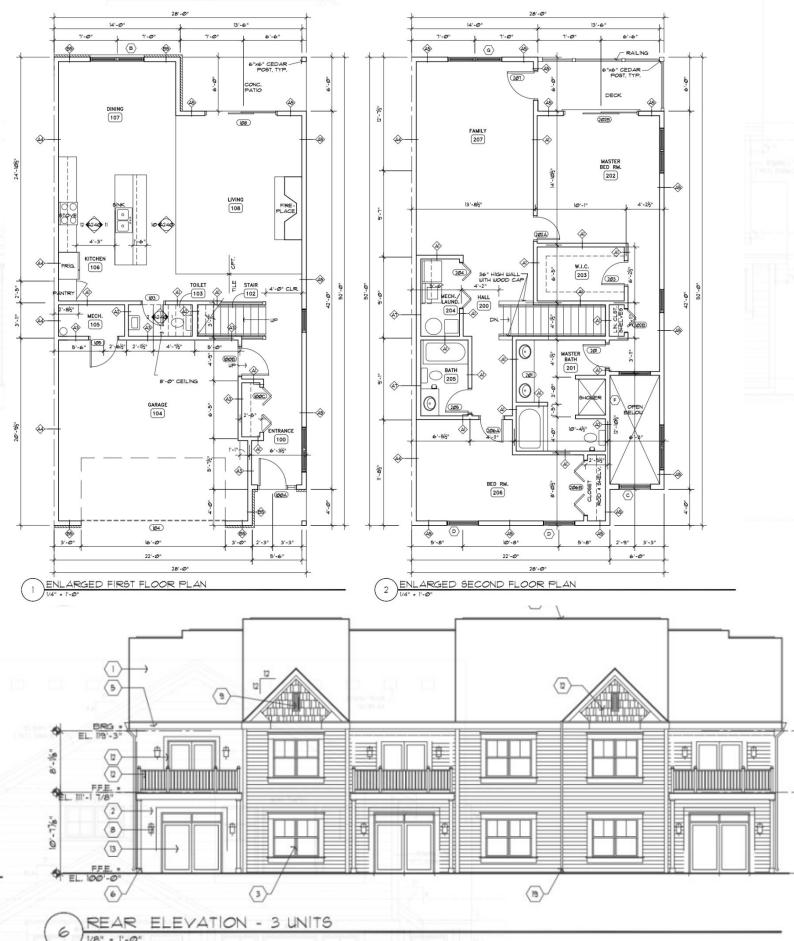
Images are from a previous project we completed in Plymouth with DJR. A two storey project fits nicely along side existing homes and townhome communities of a similar stature and size.



# Floor Plans And 2D Elevations







# **Bigos Rogers**

# Aided Bigos in design and budgeting









5585 Shoreline Drive, Mound, MN 55364 SCHEMATIC STUDIES 03.25.21

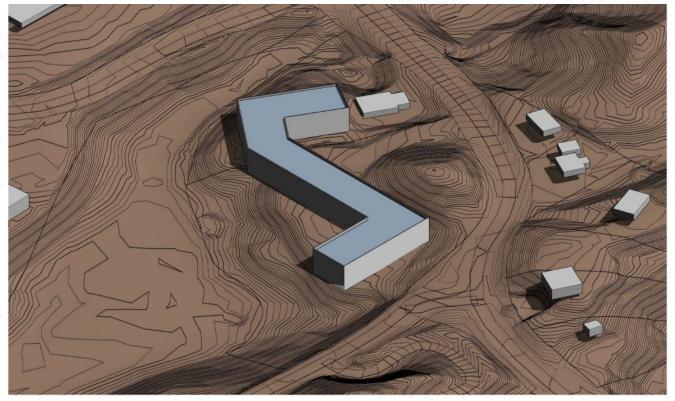


# **Prior Mound work**

Aided the development group in design and budgeting. We built the single family home on Baywood.



# On the boards, in planning











In planning working as equity partner or fee general contractor/owner representative, land we own.

- ) Minnetonka apartment site
- 2) Minnetonka 26 unit rental TH
- High end New construction, concept for land we own in Cottacgewood.
- 4) Cora Townhomes under construction DJR Architects



# **Todd Christenson**

#### Minnesota Valley Surveyors & Engineers 1979-1990

I served in many roles including Instrument man, Party Chief, Head supervisor of field crews, Vice President of Operations in charge of all field crews, office production and office computations. In 1985 moved to President in charge of marketing and job profitability.

Commonwealth Edison: Power line Beula, ND North Dakota to Rochester, MN,

Hubert H. Humphrey Metrodome: Construction Staking

Norwest Tower: Structural Steel Staking and Monitoring

Minneapolis City Center: Construction Staking

Lutsen, Quadna, Sugar Hills, Izatys: Planning, Approvals, Construction Staking

#### Forensic Surveying and monitoring on the following projects:

Mississippi - Nuclear water-cooling tower hit by tornado

National press club building, Washington D.C.: Monitoring after building settled and was evacuated

Burnsville High School: Courtyard collapse, Data gathering

Bureau of Criminal Apprehension (BCA) Minnesota: Reconstruction of two separate St. Paul police shootings killing and wounding several officers

Milwaukee City Parking ramp: Collapse, Data gathering

Cheyenne, WY: Water pipeline excavation crossing mountains

#### The Itasca Group 1990-2004

I started building The Itasca Group in 1988. Its mission statement was to provide the clients with a turn-key solution for CAD and networking. The Itasca Group provided sales, installation, training, and technical support to engineers, surveyors, DOT's, Cities, Counties, Energy companies. When it was sold in 2004 it supported over 10,000 CAD licenses across the Midwest.

#### Christenson Development Inc. 2003-2013

I started CDI in 2003 to use in-house technology and resources along with my own expertise in the land surveying/engineering field to buy and develop land. Several projects have been successfully platted, approved and sold (over 400 lots). I took care of identifying properties, performing a cost analysis, purchase agreements, Platting, developers' agreements, construction, and seeking approval from cities and counties.

#### SRF Consultants, Minneapolis 2014-2016

I performed all construction staking and quality control for the 18<sup>th</sup> street bridge in Williston. All control, quantities, and quality control on U.S. Highway 2 bypass Phase 1 in Williston.

#### **MC Land Holdings LLC**

We have completed multiple projects across the metro in the last 8 years. My role is to complete the entitlements and manage the construction. The following is a list of some of those developments:

Diamond View Estates 78 Lots Dayton, MN

Old Mill Estates 32 Lots Centerville, MN

Chisago Lakes Golf Estates 32 Lots Lindstrom, MN

Shadow Creek Estates 46 Townhomes Forest Lake, MN

Currently we have development projects in different stages of development. The following is a list of those developments:

Bluffs of Rum River 159 Lots St. Francis, MN

Shores of Elk River 78 Lots Big Lake, MN

Birchview 56 Lots Lino Lakes, MN

East Bethel 25 Lots East Bethel, MN

Shadow Creek 220 Apartment units Forest Lake, MN

Bluffs of Rum River 110 Apartment units St. Francis, MN

Bluffs of Rum River 3 acre commercial site St. Francis, MN