

**AGENDA**  
**CITY OF STURGEON BAY**  
**AESTHETIC DESIGN & SITE PLAN REVIEW BOARD**

Monday, April 25, 2022

6:00 p.m.

Council Chambers, City Hall  
421 Michigan St, Sturgeon Bay, WI

1. Roll call
2. Approval of agenda
3. Approval of minutes from March 14, 2022
4. Consideration of: 38' x 98' Building Addition for Fred Young located at 120 N 14<sup>th</sup> Avenue.
5. Consideration of: 16,000 ft<sup>2</sup> Building Addition and Parking Lot Modification for Door County YMCA located at 1900 Michigan Street.
6. Adjourn

*NOTE: DEVIATION FROM THE AGENDA ORDER SHOWN MAY OCCUR.*

Board Members:

Rick Wiesner

Jon Burk

Cheryl Frank

Kelsey Fox

Pam Jorns

Mark Struck

Dave Augustson

4/20/22  
2:30 p.m.  
CJ

## AESTHETIC DESIGN AND SITE PLAN REVIEW BOARD

Monday, March 14, 2022

The Aesthetic Design and Site Plan Review Board meeting was called to order at 6:03 p.m. by Chairperson Rick Wiesner in the Council Chambers, City Hall, 421 Michigan Street.

**Roll Call:** Members Rick Wiesner, Jon Burk, Dave Augustson, Kelsey Fox, and Pam Jorns were present. Excused were Mark Struck and Cheryl Frank. Also present were Planner/Zoning Administrator Christopher Sullivan-Robinson, Community Development Director Marty Olejniczak, City Engineer Chad Shefchik and Police Assistant Candy Jeanquart.

**Adoption of Agenda:** Moved by Mr. Augustson, Seconded by Mr. Burk to adopt the following agenda.

1. Roll call.
2. Adoption of agenda.
3. Approval of minutes from February 21, 2022
4. Consideration of: Development plans for Green Bay & Duluth LLC located at 911 Green Bay Road
5. Adjourn.

All ayes. Carried.

**Approval of minutes from February 21, 2022:** Moved by Ms. Jorns, Seconded by Mr. Burk to approve all the minutes. **All in favor. Carried.**

**Consideration of: Development plans for Green Bay & Duluth LLC located at 911 Green Bay Road:**

Mr. Sullivan-Robinson explained this is a design / development package for the former Woldts Corner property. Existing site contains Woldts building along with several cottages and one larger cottage considered a dwelling. The plan is to remove the existing buildings and construct a new building containing three tenant spaces. The new building is 75 ft x 80 ft and 19 feet tall with a 42-car parking lot. One of the commercial spaces will contain a drive-thru facility.

Mr. Sullivan-Robinson explained the project exceeding the 70% maximum impervious surface allowance, as they are proposing 89.22% and will need a variance from the Zoning Board of Appeals. In addition, a variance is needed for the location for the ground sign shown at the north east corner of the property. Signage is required to have a five-foot separation from the lot line and the design is showing at the lot line. The third variance needed for two parking spaces which encroach the required five-foot separation. These are all things this committee will review from a design stand point.

Mr. Richard Robinson explained Starbucks is the anchor tenant and requires a standard exterior design. They have a prototype, which this design represents one of three color pallet options given by Starbucks. Mr. Robinson chose color pallet C, which he thought was the best of the three options and there is some flexibility, however any changes need to be approved by Starbucks. One thing Starbucks likes to see with landscaping is native plants and the majority of the plants are native besides the five crabapple trees along Duluth Avenue.

Mr. Wiesner questioned exceeding the 70% impervious surface allowance asking if 89.22% is for parking spots for the building. Mr. Robinson indicated Starbucks required 42 parking spaces and indicated there is an encroachment on the west boundary where the current parking lot goes over the property line and that will all be torn apart, so now paved area will be narrow strip taking impervious to pervious. Mr. Robinson stated another area similar is along Green Bay Road will be removing an extra wide curb pit and replaced with a narrow apron. Mr. Robinson questioned the 89.22% being only on the commercial lot and not the residential lot, which will be taking a 1.43-acre lot and dividing into two lots and selling the other lot with the house. The blended ratio is 73-74% with the residential lot. Mr. Robinson stated he doesn't believe those are reflected as credit towards the 89.22%. Mr. Wiesner questions the storm water management in that area, Mr. Shefchik stated the project is proposing their own underground tanks on the site.



Mr. Augustson questioned 42 parking spots is what they are requiring and what the cities requirements are. Mr. Sullivan-Robinson indicated the city code is 1 per 200 square feet of service area of the building not including bathroom, storage, and office area. The maximum based on the plan would be 34 parking spaces.

Mr. Augustson questioned if a fence is being proposed on the back-property line of the northerly lot. Mr. Robinson confirmed they are proposing a fence but have considered evergreens as well. The details are not final however the fence would be opaque fencing. Mr. Wiesner stated high traffic around the building with lights shining toward the direction of the house being there; how to design a divider to avoid being a nuisance. Mr. Robinson suggested a higher curb along that edge to protect the fence. Mr. Wiesner is requesting a design tall enough to block the lighting from the vehicle traffic. Mr. Augustson suggested landscaping over fencing. Mr. Wiesner questioned the fence ordinance, Mr. Sullivan-Robinson stated overall body of the fence cannot be over 8 feet tall and posts over 9 feet tall.

Discussion of sidewalks, Mr. Wiesner indicated there is no sidewalk in front of Lamperts and ends prior to Jim Olson dealership. Mr. Shefchik stated when Duluth Avenue was completed, Department of Transportation required the sidewalks to stop due to no accommodations on the other side of the highway. Mr. Shefchik envisions the sidewalk to extend to the Justice Center in the future as pedestrian traffic has increased in that area. Mr. Shefchik recommended revising the design to include an option for accommodating a future sidewalk. Mr. Shefchik stated if the city installs the sidewalk the cost would get a special assessment. Mr. Robinson questioned if the sidewalk was put in at a later date who is responsible for the cost. Mr. Shefchik believed it would be a special assessment; however, he would need to check with the county and city due to being a county highway. Mr. Robinson stated ideally would like to have the trees and the sidewalk. Mr. Olejniczak stated landscaping needs to be consider by the County Highway Commissioner, Thad Ash, anticipating future sidewalk. Ms. Fox questioned the required number of trees per spaces and Mr. Sullivan-Robinson indicated 7 trees are required. Mr. Robinson would like to see the sidewalk go to the Duluth curb with wider landscaping island for the trees. Mr. Shefchik stated to watch the curbing along the driveway. Mr. Olejniczak explained that will make snow removal more difficult. Mr. Shefchik stated the one drive lane on the west side of the property shows 28 feet and seems wide, that could be reduced 4 feet potentially. Mr. Robinson indicated that is Starbucks requirements for individuals to be able to back out of the angled parking spaces. Mr. Olejniczak stated the bypass lane could also be reduced. Mr. Robinson can talk with Starbucks as their standard is 12 feet and will request 10 feet.

Mr. Wiesner stated no actual sign to approve, only the structure and Mr. Sullivan-Robinson confirmed as they will come back at a later date. Mr. Augustson question the sign being in the middle of the lot. Mr. Sullivan-Robinson stated that is the existing sign which is being removed and the new sign will be on the corner. Ms. Jorns ask what material the structure is made of and Mr. Sullivan-Robinson confirmed metal. Ms. Jorns asked if the signs are lit up and Mr. Robinson stated they are internally lit. Mr. Sullivan-Robinson indicated Sturgeon Bay Utilities is requesting more separation pushing the sign west from the utility line, typically encourage a 15-20-foot separation. Mr. Robinson stated will move it west for safety reason. Mr. Wiesner asked if final placement will be determined after working with Sturgeon Bay Utilities and Mr. Robinson confirmed.

Mr. Shefchik asked if on the southwest side of the residential site, will the driveway get removed and replaced with grass. Mr. Robinson confirmed and expressed would be another potential credit towards the impervious surface allowance. Mr. Robinson stated will contact Bauhuin Surveying to get new calculations.

Mr. Robinson stated there will be a landlord closet in the building to maintain site lighting. The closet will also have a ladder to get access to the roof.

Mr. Shefchik asked if the commercial building will be sprinklered. Mr. Robinson indicated no and Mr. Dave Phillips added there is firewall instead of sprinkler due to the building design. Mr. Shefchik stated he wanted to confirm due to only one water line going to the building.

Mr. Augustson asked how many light poles in the parking. Mr. Phillips explained five light poles with one in front middle, one on the right, one on the small island shining out for the drive thru, and two in the back with one shining in the corner and one shining at the dumpster area. Mr. Augustson asked if the up-down

lighting with sconces are just decorative lighting on the building and Mr. Phillips confirmed. Mr. Robinson explained Starbucks requirements is every square foot of the site has a minimum of 1.5-foot candles of lighting. Mr. Robinson asked was the requirement is in the city for lighting and Mr. Sullivan-Robinson explained no requirement besides being downward-directed and contained within the property. Mr. Augustson stated preferably LED too.

**Mr. Wiesner made a motion to accept as presented with altering plan to include a future sidewalk, detail on back fence, final location for sign in agreement with Sturgeon Bay Utilities, final detail on back fence for vegetation, detailed design of back residential property cleaned up showing driveway removed, and bypass lane reviewed. Seconded by Mr. Burk. All in favor. Carried.**

**Adjourn:** Moved by Ms. Jorns, seconded by Mr. Augustson to adjourn. All ayes. Carried. The meeting adjourned at 7:17 p.m.

Respectfully submitted,

A handwritten signature in cursive script that reads "Candy Jeanquart".

Candy Jeanquart  
Police Assistant

# CITY OF STURGEON BAY

## AESTHETIC DESIGN & SITE PLAN REVIEW BOARD

### APPLICATION FOR **CERTIFICATE OF APPROPRIATENESS**

Name: YOUNG AUTOMOTIVE

Owner of Premises: FRED YOUNG

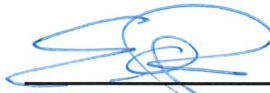
Address or Legal Description of Premises:

120 NORTH 14TH AVENUE - STURGEON BAY, WI

Statement of Specific Item Requested for Approval:

Non-FRONTAGE SIDE BUILDING ADDED TO EAST.  
ADDITION IS 3724SF, SINGLE STORY  
ADDITION WILL INCLUDE VERTICAL STEEL SIDING &  
STANDING SEAM STEEL ROOF SYSTEM SIMILAR TO EXISTING

4/12/22  
Date

 Erik G. Pieters  
Applicant FBS, LLC.

Date Received:

4/12/22

Staff Signature:



Date Approved/Denied:



# Aesthetic Design and Site Plan Review Board: Checklist

The applicant or architect will need to attend the Aesthetic Design and Site Plan Review Board meeting and is expected to give a presentation/summary on the various project elements listed below, answer questions, and make modifications to the design per committee conditions. The submittal must included all applicable items listed below.

☒ **SITE PLAN including the following:** — BAUDHUI ENGINEERING

- Lot lines and dimensions shown and labeled
- Existing and proposed building footprints
- Existing and proposed parking areas and access driveways
- Existing and proposed sidewalks, stairways, ramps, etc.
- Any other defined areas within the project area

☒ **GRADING, DEMOLITION, AND UTILITY PLAN including the following:** — BAUDHUI ENGINEERING

- Existing and proposed final grades
- All structures and materials to be removed from the site
- Existing and proposed electric, water, sewer services, and all other abutting infrastructure

☒ **STORMWATER MANAGEMENT PLAN including the following:** — BAUDHUI ENGINEERING

- Water flow directionality
- Defined drainage areas with elevation lines
- All stormwater and erosion control measures

☒ **COLORED BUILDING RENDERINGS & ELEVATIONS including the following:**

- All proposed structures illustrated from all directions
- All materials and depictions accurately shown and labeled

☒ **LANDSCAPE PLAN including the following:** — BAUDHUI ENGINEERING

- All proposed plants and landscaped areas
- All landscape materials labeled
- All plant types and species identified with sizes at the time of planting and at full maturity

— TURF GRASS RESTORATION ONLY

☒ **LIGHTING PLAN including the following:** — R. KIECHMAN DRAWINGS — SPEC PROVIDED FOR WALL LIGHTING.

- All light fixtures shown with light intensities measured to the property lines
- Light fixture product specifications
- Types of light bulbs and wattage / lumen's identified

N/A ☒ **SIGNAGE PLAN including the following:** — N/A.

- Signage renderings shown from all directions, including dimensions of the sign and fascia
- Night rendering
- Site plan showing location on the lot with setbacks labeled

N/A ☒ **MATERIAL LIST including the following:** MATERIALS TO MARG EXTERIOR

- Parking lots, access driveways, plants and landscaped areas, lighting, signage, and building exterior.
- Specific colors for all materials, samples, and specifications.



# MEMO

To: Aesthetic Design and Site Plan Review Board  
From: Christopher Sullivan-Robinson  
Date: April 20, 2022  
Subject: Young Automotive Addition – 120 N 14<sup>th</sup> Ave

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Erik Pieters, project manager with PBS Design / Build, is requesting approval for a 98 ft. x 38 ft addition to the existing automotive repair shop located at 120 N 14<sup>th</sup> Ave; parcel 281-62-22000125A. The addition will utilize the same type of materials found on the existing building including: prefinished steel paneling for siding, roof, soffits, and gutters. 5 new steel overhead doors with a white finish will be installed on the south wall of the addition with Bollards on each side of the overhead doors. Wall pack lights will be installed between each overhead door and on the other sides of the building by the service doors. A new concrete apron will be installed by all the overhead doors on the west and south side of the building. Additional asphalt will be installed on the south side of the building. No new signage or landscaping is being proposed. An approximate 1300 ft<sup>2</sup> rain garden will be installed to the northeast of the addition. The City engineer has approved this design.

## Other Comments:

1. The existing 20 ft x 30 ft. detached garage will be demolished.
2. No new off-street parking is required for this development.
3. The addition will encroach into the neighboring property to the west (parcel 281-6222000125C), which require some Lot line adjustments.
4. Is there any reason to screen this new addition from the house to the east?

## Guideline Considerations:

1. Exterior light fixtures shall be shielded such that direct beams of light are not cast skyward or onto adjoining property. Exterior light fixtures for signage, building entrances, accents, parking lots, and landscaped areas are strongly encouraged to be downward directed. Auto-dimmers and timers are encouraged for all exterior lights to limit energy waste during non-operational hours.
2. Lighting of an intensity beyond which is reasonably required to conduct operations or maintain security is discouraged.
3. Lighting fixtures and devices promoting energy efficiency are encouraged.
4. The use of identical building materials on all sides of a building that are visible from public streets is encouraged.
5. Metal siding is strongly discouraged except for industrial buildings or for facades not facing public areas such as streets or parking areas.
6. The appearance of paved areas should be enhanced through landscaping. Large parking areas shall comply with the interior landscaping requirements of the Sturgeon

Bay Zoning Code. Required landscape islands shall be dispersed throughout the parking area to avoid large expanses of pavement.

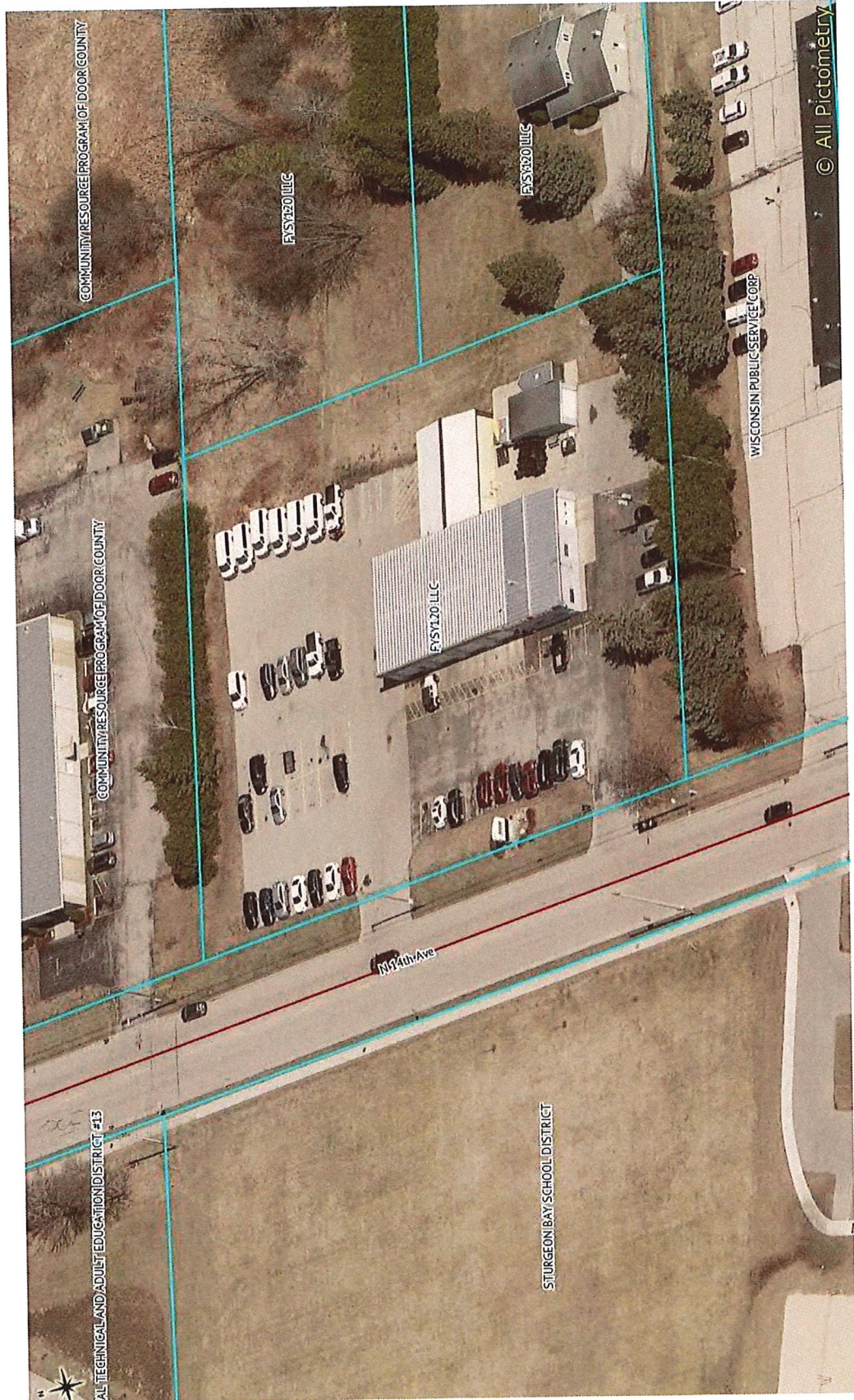
7. To reduce erosion and surface runoff, trees and other vegetative land cover shall be removed only where necessary for the construction of structures or paved areas.
8. Vegetative landscaping shall be used to soften the appearance of blank walls.
9. The use of native and indigenous plant species is encouraged over exotic species. The use of invasive species, as defined by the Wisconsin Department of Natural Resources, is prohibited.
10. Building components, such as windows, doors, eaves, and parapet, should be in proportionate scale in relationship to one another.
11. Stormwater drainage shall be designed so as not to alter the natural drainage systems or cause flooding or erosion on neighboring properties.

Recommendation: Staff recommends approval of the proposal as presented.









© All Pictometry

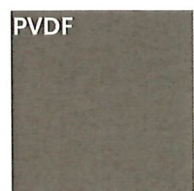
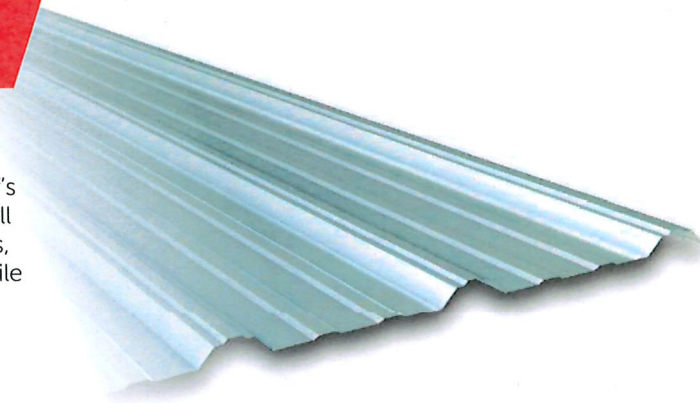


# CS/AP PANELS

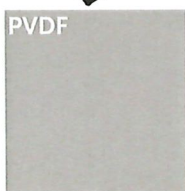
*Specifications and Color Options*

## Superior materials make the difference...

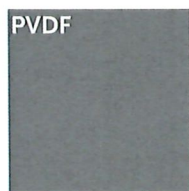
Premium finishes and design give Chief's Standard Panels (CS) and Chief's Architectural Panels (AP) the edge when it comes to quality steel roof and wall panels. They're ideal for a variety of other applications as well. Interior liners, fascias, canopies, and soffits are just some of the many uses for this versatile panel. With strength, durability, and your budget in mind, these 36" wide panels offer quick erection. Available in a full array of standard colors, our CS and AP panels are the perfect choice for your construction project.



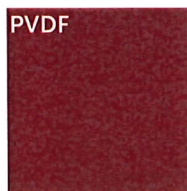
**Antique Bronze (AQ)**



**Ash Gray (AG)**



**Charcoal Gray (CG)**



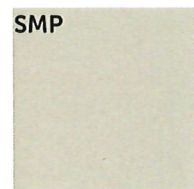
**Cherokee (CK)**



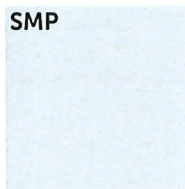
**Emerald Green (EG)**



**Fieldstone (FS)**



**Almond White (AW)**



**Frost White (FW)**



**Royale Blue (RB)**



**Sierra Madre (SM)**

\*All colors 26 & 24 ga. except Frost White (26 ga.) and Almond White (26 ga.). For applications requiring a 24 ga. product, alternative panel finishes may be substituted. Special order colors may require extended lead times.

## Polyvinylidene Fluoride (PVDF) Finish

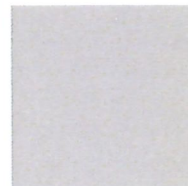
Chief's PVDF finish is made with polyvinylidene fluoride resin, where a minimum of 70% of the resin is PVDF. This unique chemistry is combined with acrylic resin, as well as ceramic and select inorganic pigmentation. The result is a proven ability to resist ultraviolet radiation in sunlight for maximum protection against general weathering effects, reducing chalking and fading.

## Silicone Modified Polyester (SMP)

Chief's SMP finish sets the standard in the metal building industry. This tried-and-true coating allows your building's roof and wall panels to maintain color and integrity over decades of harsh weather conditions. Its unique chemistry provides superior color stability, chalk resistance, fade resistance, and gloss retention. The superior hardness levels of SMP finishes make them ideal for industrial or manufacturing conditions where scratch resistance is desired.

## White Polyester (WP)

Chief's White Polyester is an economical finish intended for interior applications only and is a non-warranty product. Ideal for interior liner panels when. Available in 29 ga. only.



**White Polyester (WP)**

## Acrylic Coated Galvalume® (GM)

Chief's exterior roof, wall and trim material is available in an industry standard ASTM A792 Acrylic Coated Galvalume® finish. This universal Galvalume® finish is a unique coating of 55% aluminum and 45% zinc that resists corrosion. The Galvalume® sheet is coated with a thin, clear acrylic coating applied to both sides.



**Galvalume (GM)**

Since all color applications are affected by age, lighting conditions, heat, and mechanical coating or printing processes, the color represented on this page may vary slightly in color or finish from the actual product. Oil capping in the flat areas of panels is inherent of coil steel products and shall not be a cause for product refusal.



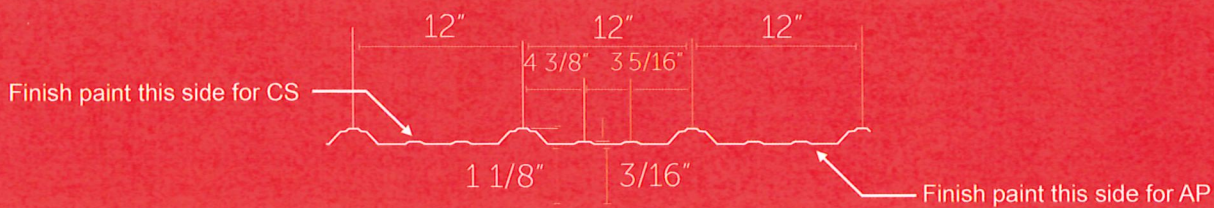
**Chief's Finish Warranties:**

PVDF Panel Finish Limited Warranty - 35 year | SMP Panel Finish Limited Warranty - 30/40year | Galvalume® Panel Limited Warranty - 25 year



1821 S. North Road / PO Box 2078 / Grand Island, NE 68802-2078 / (308) 389-7281 / [www.chiefbuildings.com](http://www.chiefbuildings.com)





Note: Dimensions are nominal.

### Ribbed Roof Panel

- Roll-formed profile shall be CS (Chief Standard) configuration as manufactured by Chief Buildings. Panels shall have 1 1/8" deep major ribs spaced at 12" on center, with minor ribs between major ribs. Each panel shall provide a net coverage width of 36".
- Panels shall be manufactured from 26 gauge or 24 gauge, 80,000 PSI material.
- Provide roof panel assemblies with permanent resistance to air leakage through assembly of not more than 0.005 cfm/sf of fixed roof area when tested according to ASTM E1680 at a static pressure differential of 6.24 psf.
- Provide roof panel assemblies with no water penetration as defined in the test method when tested according to ASTM E1646 at a static pressure differential of 12.0 psf.
- Provide roof panel assemblies with UL Class 30, 60, or 90 uplift rating in accordance with UL 580 "Tests for Uplift Resistance of Roof Assemblies".
- Provide roof panel assemblies with UL Class A Fire Rating in accordance with UL 790 "Test Methods for Fire Tests of Roof Coverings".
- Provide roof panel assemblies with UL Class 4 Impact Rating in accordance with UL 2218 "Impact Resistance of Prepared Roof Covering Material".
- Panels shall be one piece for slope lengths less than 40'. Endlaps, if required, shall be 8" and occur at a purlin.
- Panel finish shall be acrylic coated Galvalume® AZ55 coating in accordance with ASTM A792.

#### OR

Substrate shall be Galvalume® AZ50 coating in accordance with ASTM A792. Sheets shall be coated with a fluoropolymer topcoat containing not less than 70% polyvinylidene fluoride (PVDF) over primer with total DFT of 0.8-1.0. The reverse side shall be coated with pigmented polyester. Exterior color to be selected from Chief standard color choices.

#### OR

Substrate shall be Galvalume® AZ50 coating in accordance with ASTM A792. Panels shall be coated with a silicone-modified polyester (SMP) topcoat using ceramic and inorganic pigments over high performance primer with total DFT of 0.9 - 1.1. The reverse side shall be coated with pigmented backing. Exterior color to be selected from Chief standard color choices.

### Exterior Wall Panel

- Roll-formed profile shall be CS (Chief Standard) or AP (Architectural Panel) configuration as manufactured by Chief Buildings. Panels shall have 1 1/8" deep major ribs spaced at 12" on center, with minor ribs between major ribs. Each panel shall provide a net coverage width of 36".
- Manufactured from 26 gauge or 24 gauge, 50,000 PSI or 80,000 PSI material.
- Provide wall panel assemblies (when installed with mastic in the walls) with permanent resistance to air leakage through assembly of not more than 0.006 cfm/sf of fixed wall area when tested according to ASTM E283 at a static pressure differential of 6.24 psf.
- Provide wall panel assemblies (when installed with mastic in the walls) with no water penetration as defined in the test method when tested according to ASTM E331 at a static pressure differential of 12.0 psf.
- Substrate shall be Galvalume® AZ50 coating in accordance with ASTM A792.
- Sheets shall be coated with a fluoropolymer topcoat containing not less than 70% polyvinylidene fluoride (PVDF) over primer with total DFT of 0.8-1.0. The reverse side shall be coated with pigmented polyester. Exterior color to be selected from Chief standard color choices.

#### OR

Substrate shall be Galvalume® AZ50 coating in accordance with ASTM A792. Panels shall be coated with a silicone-modified polyester (SMP) topcoat using ceramic and inorganic pigments over high performance primer with total DFT of 0.9 - 1.1. The reverse side shall be coated with pigmented backing. Exterior color to be selected from Chief standard color choices.

Color	Initial SRI	Aged SRI
Almond White		
Antique Bronze	33	39
Ash Gray	53	52
Charcoal Gray	35	35
Cherokee	39	35
Emerald Green	30	29
Fieldstone	48	47
Frost White	78	79
Royale Blue	29	29
Sierra Madre	63	60
Galvalume	62	39

SRI is calculated in accordance to ASTM E 1980 with medium wind speed. The SHERWIN-WILLIAMS COMPANY certifies these tests to be true and accurate and performed by our laboratory. F- Cert Aged 2019-481Rc, Rev.05/16/2018

Galvalume® is a registered trademark of BIEC International, Inc.





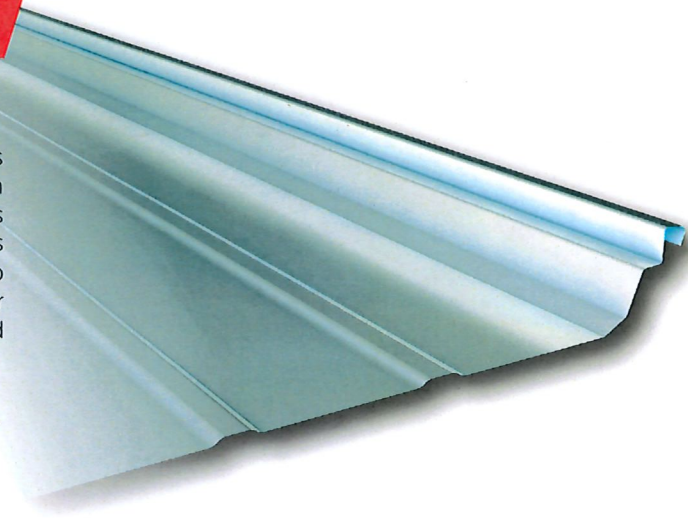
# MSC/STC PANELS

Specifications and Color Options

## Engineered for High Performance

Whether it's our "Snap Tight" or "Mechanically Seamed" roof panels, Builders can rest assured that Chief's panels are engineered with performance in mind. With 24" wide panel coverage, both the STC and the MSC panels provide the peace of mind that building owners expect and that Builders demand. The STC (Snap Tight Construction) roof panels feature a snap together standing seam and factory-applied hot melt mastic sealant for added weathertightness. This offers Builders quicker project completion and less construction and repair costs.

Chief's MSC (Mechanically Seamed Construction) roof panels are field seamed. Boasting even better uplift values, a UL90 wind resistance rating and available FMI compliant assemblies, this interlocking panel systems creates outstanding weathertightness and even more value.



Antique Bronze  
(AQ)



Ash Gray (AG)



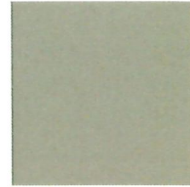
Charcoal Gray (CG)



Cherokee (CK)



Emerald Green (EG)



Fieldstone (FS)



Parchment (PA)



Polar White (PW)



Royale Blue (RB)



Sierra Madre (SM)



Galvalume® (GM)



\*All colors available in 24 ga. only. Galvalume® available in 24 ga. and 22 ga.

\*\*Chief maintains stock inventory of only select colors and Galvalume®. All other colors shown are available as Chief standard colors and may not be in stock.

## Polyvinylidene Fluoride (PVDF) Finish

Chief's finish is made with polyvinylidene fluoride resin, where a minimum of 70% of the resin is PVDF. This unique chemistry is combined with acrylic resin, as well as ceramic and select inorganic pigmentation. The result is a proven ability to resist ultraviolet radiation in sunlight for maximum protection against general weathering effects, chalking and fading.

## Acrylic Coated Galvalume® (GM)

Chief's exterior roof, wall and trim material is available in an industry standard ASTM A792 Acrylic Coated Galvalume® finish. Galvalume® is a unique coating of 55% aluminum and 45% zinc that resists corrosion. The Galvalume® sheet is coated with a thin, clear acrylic coating applied to both sides.

Since all color applications are affected by age, lighting conditions, heat, and mechanical coating processes, the color represented on this page may vary slightly in color or finish from the actual product. Oil canning in the flat areas of panels is inherent of coil steel products and shall not be a cause for product refusal.



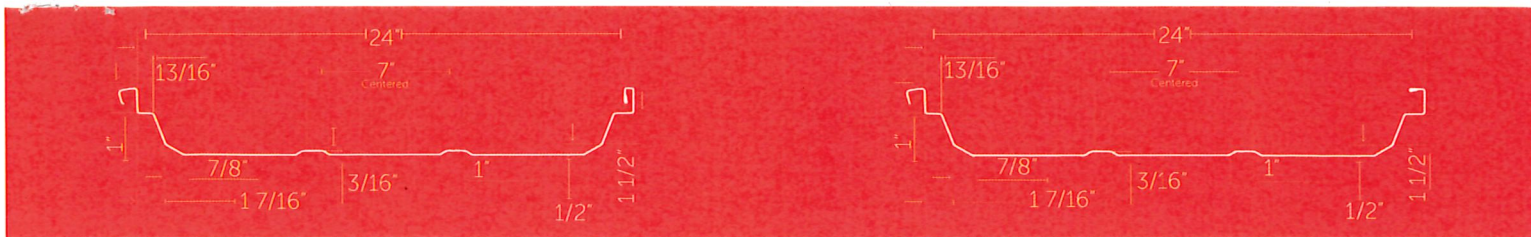
### Chief's Finish Warranties:

PVDF Roof Panel Finish Limited Warranty - 35 year | Galvalume® Panel Limited Warranty - 25 year



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Note: Dimensions are nominal.

## STC (Snap Tight Construction)

### Standing Seam Roof System

- Roll-formed profile shall be STC (Snap Tight Construction) as manufactured by Chief Buildings. Panels shall have an interlocking seam 3" deep spaced at 24" on center, with minor ribs between major ribs. Each panel shall provide a net coverage width of 24".
- High ribs shall be sealed with factory-applied hot melt mastic and shall not require field seaming.
- Panels shall be manufactured from 24 gauge or 22 gauge, 50,000 PSI material.
- The STC roof system shall have concealed clips. Clips shall be floating (sliding) to allow for thermal movement.
- Panels shall be one piece for slope lengths less than 52'. The panel endlap, if required, shall have tape sealer sandwiched between the top and bottom panel with a rigid metal backer plate.
- Roof panel assemblies shall have a UL Class 90 uplift rating in accordance with UL 580 "Tests for Uplift Resistance of Roof Assemblies".
- Roof panel assemblies shall have a UL Class A Fire Rating in accordance with UL 790 "Test Methods for Fire Tests of Roof Coverings".
- Roof panel assemblies shall have a UL Class 4 Impact Rating in accordance with UL 2218 "Impact Resistance of Prepared Roof Covering Material".
- Roof system must have been tested according to the procedures in ASTM E 1592 (structural performance by uniform static air pressure differential).
- Panels shall be reversible end for end and no field notching shall be required.
- Panel finish shall be acrylic coated Galvalume® AZ55 coating in accordance with ASTM A792.

#### OR

Substrate shall be Galvalume® AZ50 coating in accordance with ASTM A792. Sheets shall be coated with a fluoropolymer topcoat containing not less than 70% polyvinylidene fluoride (PVDF) over primer with total DFT of 0.8 – 1.0. The reverse side shall be coated with pigmented polyester. Exterior color to be selected from Chief standard color choices.

## MSC (Mechanically Seamed Construction)

### Standing Seam Roof System

- Roll-formed profile shall be MSC (Mechanically Seamed Construction) as manufactured by Chief Buildings. Panels shall have an interlocking seam 3" deep spaced at 24" on center, with minor ribs between major ribs. Each panel shall provide a net coverage width of 24".
- High ribs shall be sealed with factory-applied hot melt mastic. The side laps shall be field seamed using a mechanical seaming device provided by the manufacturer.
- Panels shall be manufactured from 24 gauge or 22 gauge, 50,000 PSI material.
- The MSC roof system shall have concealed clips. Clips shall be floating (sliding) to allow for thermal movement.
- Panels shall be one piece for slope lengths less than 52'. The panel endlap, if required, shall have tape sealer sandwiched between the top and bottom panel with a rigid metal backer plate.
- Roof panel assemblies shall have a UL Class 90 uplift rating in accordance with UL 580 "Tests for Uplift Resistance of Roof Assemblies".
- Roof panel assemblies shall have a UL Class A Fire Rating in accordance with UL 790 "Test Methods for Fire Tests of Roof Coverings".
- Roof panel assemblies shall have a UL Class 4 Impact Rating in accordance with UL 2218 "Impact Resistance of Prepared Roof Covering Material".
- Roof system must have been tested according to the procedures in ASTM E 1592 (structural performance by uniform static air pressure differential).
- Roof panel assemblies shall have permanent resistance to air leakage through assembly of not more than 0.008 cfm/sf of fixed roof area when tested according to ASTM E1680 at a static pressure differential of 6.25 psf.
- Roof panel assemblies shall have no water penetration as defined in the test method when tested according to ASTM E1646 at a static pressure differential of 12.0 psf.
- Panels shall be reversible end for end and no field notching shall be required.
- The roof system shall carry a Factory Mutual Class 1 rating (Optional. Only for projects required to meet Factory Mutual wind uplift design requirements).
- Panel finish shall be acrylic coated Galvalume® AZ55 coating in accordance with ASTM A792.

#### OR

Substrate shall be Galvalume® AZ50 coating in accordance with ASTM A792. Sheets shall be coated with a fluoropolymer topcoat containing not less than 70% polyvinylidene fluoride (PVDF) over primer with total DFT of 0.8 – 1.0. The reverse side shall be coated with pigmented polyester. Exterior color to be selected from Chief standard color choices.

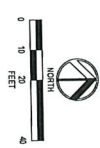
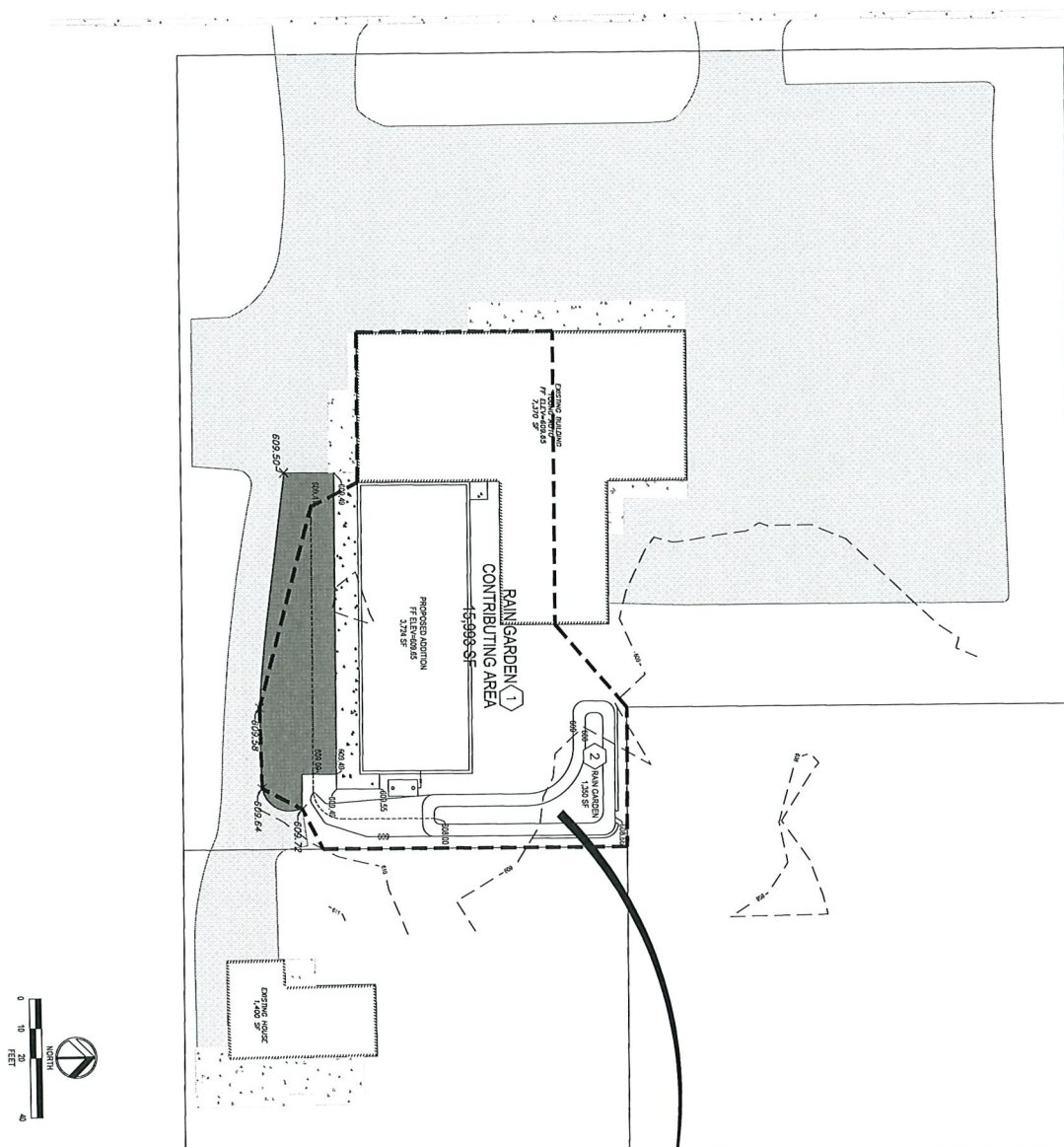
Color	Initial SRI	Aged SRI
Antique Bronze	33	39
Ash Gray	53	52
Charcoal Gray	35	35
Cherokee	39	35
Emerald Green	30	29
Fieldstone	48	47
Parchment	73	70
Polar White	81	77
Royale Blue	29	29
Sierra Madre	63	60
Galvalume®	62	39

SRI is calculated in accordance to ASTM E 1980 with medium wind speed. The SHERWIN-WILLIAMS COMPANY certifies these tests to be true and accurate and performed by our laboratory. F- Cert Aged 2019-481Rc, Rev.05/16/2018. Galvalume® is a registered trademark of BIEC International, Inc.



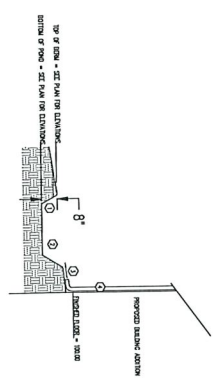
1821 S. North Road / PO Box 2078 / Grand Island, NE 68802-2078 / (308) 389-7281 / [www.chiefbuildings.com](http://www.chiefbuildings.com)





# # SHEET KEY NOTES

- 15,993 SF WATERSHED AREA
- 0.08 SIZING FACTOR = 1,280 SF POND



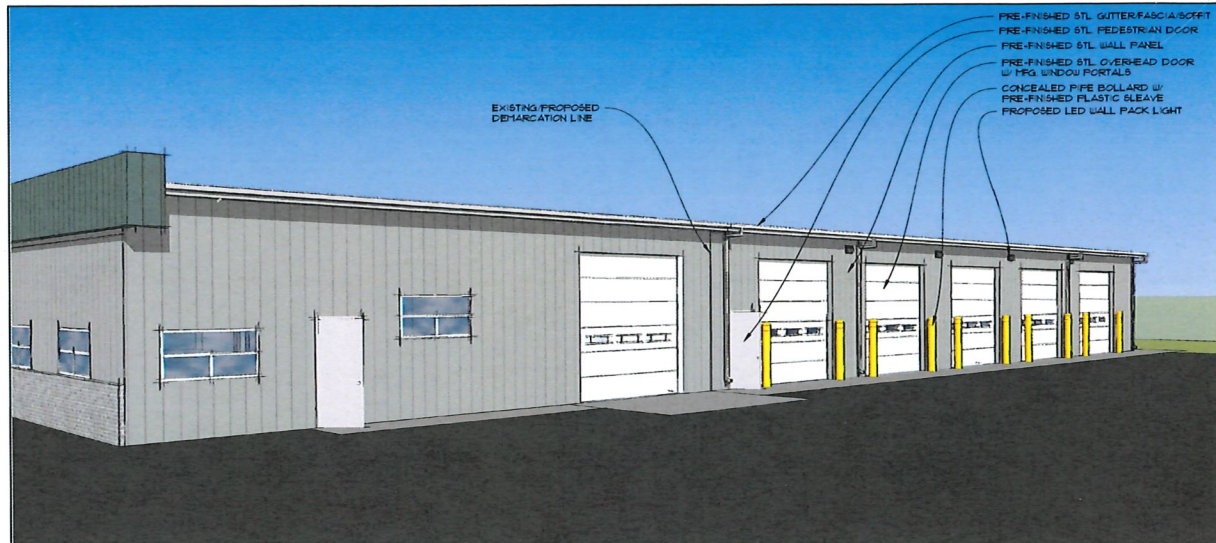
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## RAIN GARDEN - PROFILE DETAIL

Table 2: Rain Garden Sizing Factors for Various Runoff Volume Control Goals, Soil Types and Ponding Depths

Rain Garden Ponding Depth (feet)	Sizing Factor Based on Soil Type/ponding Information Rates and Runoff Volume Control Goal			
	Clay Loam (0.15 in/hr)	Loam (0.30 in/hr)	Loamy Sand (1.0 in/hr)	Sand (2.0 in/hr)
Sizing Factors for Goal of 75 Percent Runoff Volume Control				
3-5	0.15	0.11	0.08	0.07
6-7	0.12	0.09	0.07	0.05
8	0.10	0.06	0.05	0.03
Sizing Factors for Goal of 80 Percent Runoff Volume Control				
3-5	0.23	0.19	0.15	0.12
6-7	0.18	0.14	0.12	0.09
8	0.15	0.12	0.10	0.07
Sizing Factors for Goal of 100 Percent Runoff Volume Control				
3-5	0.44	0.35	0.30	0.23
6-7	0.35	0.30	0.23	0.18
8	0.25	0.23	0.18	0.13

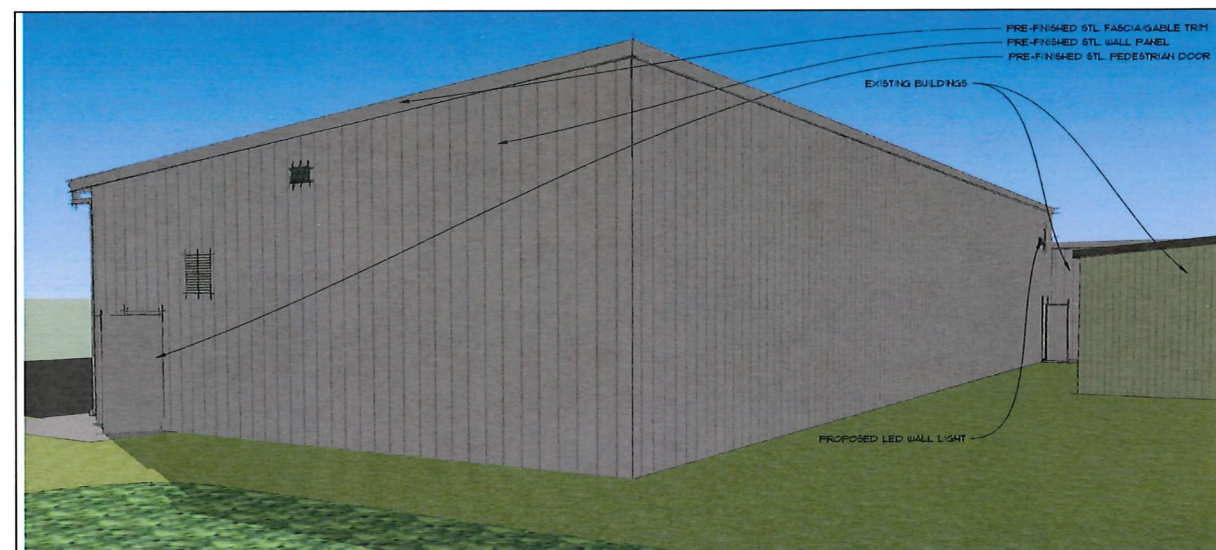




**PROPOSED RENDERING**  
LOOKING NORTHEAST



**PROPOSED RENDERING**  
LOOKING NORTHWEST



**PROPOSED RENDERING**  
LOOKING SOUTHWEST



**EXISTING CONDITIONS PHOTO**  
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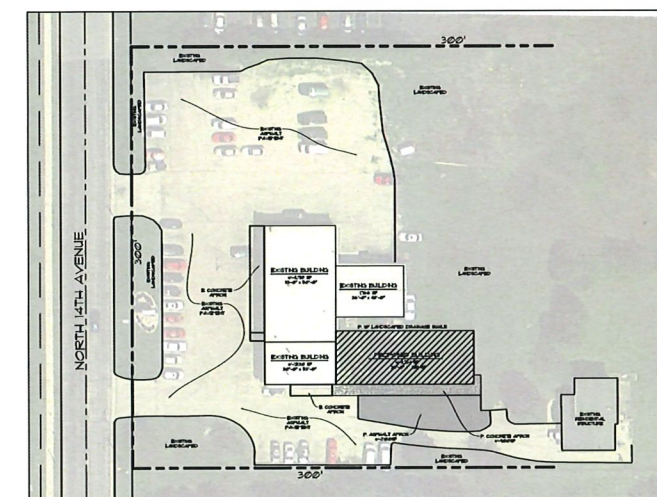
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**SITE PLAN & AERIAL**  
NOT TO SCALE



**CITY OF STURGEON BAY**  
**AESTHETIC DESIGN & SITE PLAN REVIEW BOARD**  
**APPLICATION FOR *CERTIFICATE OF APPROPRIATENESS***

Name: Door County YMCA, Sturgeon Bay - Building Addition & Remodel

Owner of Premises: Door County YMCA (Heidi Erickson, CEO)

Address or Legal Description of Premises:

1900 Michigan Street, Sturgeon Bay, WI 54235

Statement of Specific Item Requested for Approval:

The Door County YMCA is proposing a building addition, consisting of approximately 16,000 SF of new space. The new addition will consist of new Wellness / Fitness spaces, new Activity spaces, and an expanded Administrative area. From an exterior appearance standpoint, the new addition will be a continuation of the building's existing architectural style and features, such as roof heights, door and window types, exterior building materials, etc. The goal is to compliment the existing facility and blend in the new addition as seamlessly as possible. Sitework for the project will include new grading to accommodate the new addition and landscaping to match existing. Stormwater management has been reviewed with the City's engineering department and it will tie into an existing retention pond, which will be expanded upon. There is not any new paving.

04/11/2022

Date

Eric P. Bauman, AIA (Architect)

Applicant

Date Received:

4/11/2022

Staff Signature:

[Signature]

Date Approved/Denied: \_\_\_\_\_





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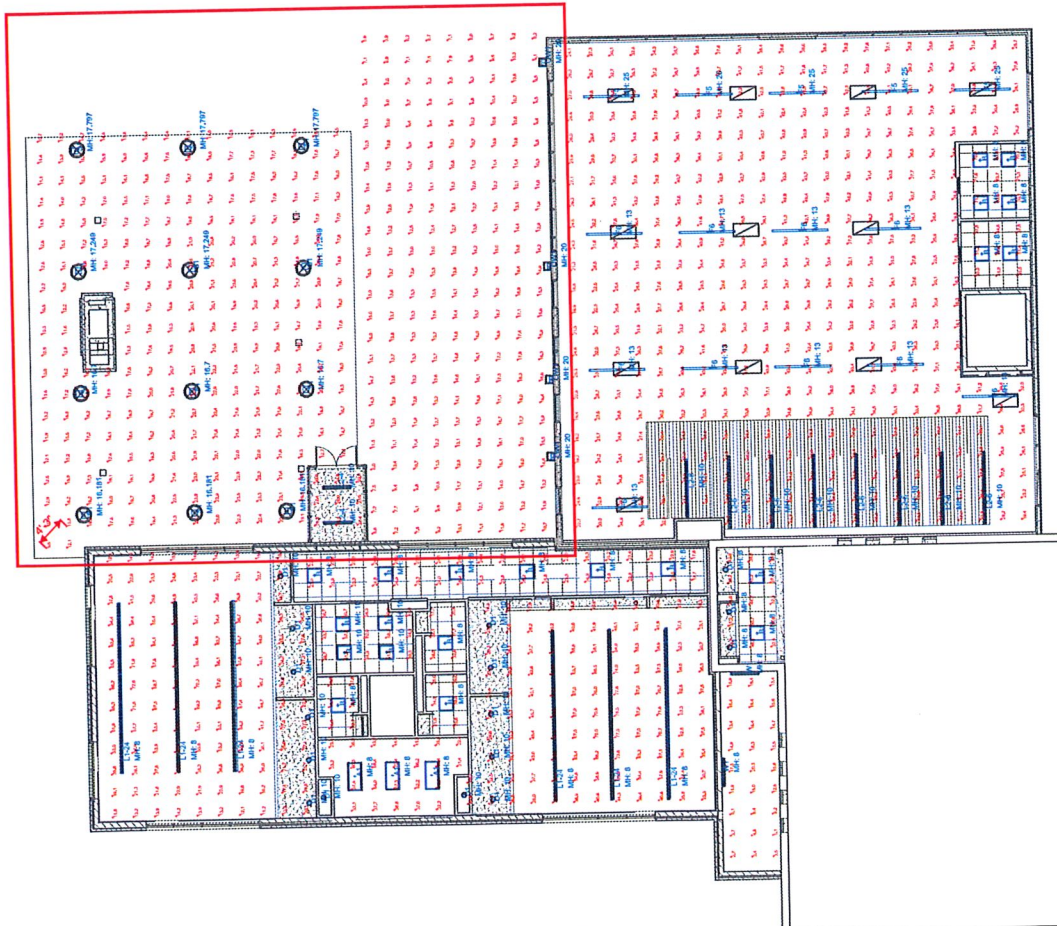
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REVISIONS

DRAWN BY : AD  
DATE : APR 7, 2022  
SCALE : 1/8" = 1'-0"

DOOR COUNTY YMCA  
STURGEON BAY, WISCONSIN  
LIGHTING LAYOUT

Lighting Schedule				Lum. Values		Lum. Lumens	
Qty	Label	Arrangement	LF	WFE	71,000	200,000	10,000
4	CH1	SINGLE	0.50	LITIGIONA	91.26	122.25	6001
12	ST	SINGLE	0.50	LITIGIONA			







Catalog Number	CNY LED P2 40K MVOLT DDB M4
Notes	
Type	CY

Contractor Select™

## CNY LED

### Canopy Lighting

The CNY LED canopy luminaires are versatile, energy-efficient solutions for surface-mount applications. Available in two sizes, these luminaires can replace a wide range of existing canopy luminaires; anything from CFL to 400W metal halide. An LED array light source coupled with a translucent acrylic lens creates visually comfortable illumination that is far superior to similar products that use a single bright LED and clear lenses. Smooth sides greatly enhance the aesthetic of this product making suitable for wider range of applications than industrial-looking finned products.

#### FEATURES:

- Energy efficient – Can save up to 80% when replacing metal halide
- LED array light source and translucent lens for visually comfortable illumination
- Quick-mount feature eliminates the need to open luminaire for installation
- DLC Premium listed



Catalog Number	UPC	Description	Replaces Up To	Lumens	Wattage	CCT	Voltage	Finish	Pallet qty.
CNY LED P1 40K MVOLT DDB M4	191848093320	CANOPY LUMINAIRE	150W METAL HALIDE	4,500	35W	4000K	120-277V	DARK BRONZE	48
CNY LED P2 40K MVOLT DDB M4	191848093344	CANOPY LUMINAIRE	250W METAL HALIDE	6,600	52W	4000K	120-277V	DARK BRONZE	48

Accessories: Ordered and shipped separately.

CNYBCP 14 Inch x 14 Inch Beauty Cover Plate



## Specifications

### INTENDED USE:

CNY LED canopy luminaires are ideal for surface mount applications such as canopies over building entrances, walkways, loading docks and covered parking areas. The product's traditional style does not detract from current building aesthetics, creating a seamless upgrade. These products are ideal energy-efficient replacements of existing surface-mount products; from compact fluorescent to 250W metal halide.

### CONSTRUCTION:

CNY LED canopy luminaires have a cast-aluminum housing with a polyester powder coat finish for lasting durability. Translucent polycarbonate lens is designed for uniform light distribution while providing visually comfortable illumination. The lens is sealed to the housing with a one-piece gasket to prevent the entrance of insects or external contaminants. Available in two sizes: 10" x 10" (P1, P2).

### ELECTRICAL:

The CNY LED canopy luminaires use an array of LED's on a metal core circuit board, creating a dispersed light source which reduces surface brightness. High-efficiency LEDs maintain 70% of light output at 50,000 hours of service life (L70/50,000 hours). A Correlated Color Temperature (CCT) of 4000K matches that of metal halide for seamless upgrade. CNY LED canopy luminaires use MVOLT (120-277V) electronic driver that is 0-10V, capable of continuous dimming and ensure system power factor >90% and THD <20%. CNY is CRI 80.

### INSTALLATION

The CNY LED canopy luminaires feature a quick-mount mechanism that makes mounting to a recessed junction box both quick and trouble-free. Luminaire leads exit the back of the casting through a water-tight connector. The quick-mount mechanism allows the electrical connections to be made and the luminaire fastened in place without the need for disassembling the luminaire. Three 3/4" NPT conduit entry points allow surface-conduit wiring. The luminaires can be also be pendant mounted with 3/4" NPT pendant stems (provided by others).

### LISTINGS:

UL Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified. Can be used to comply with California Title 24 Part 6 High Efficacy LED light Source Requirements.

### WARRANTY:

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

[www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

## Dimensions

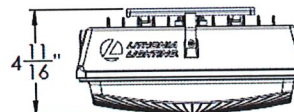
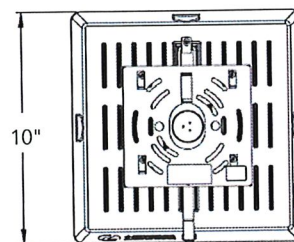
### CNY LED P1/P2

Width: 10"

Height: 4 11/16"

Depth: 10"

Weight: 6.5lbs



All dimensions are inches (centimeters) unless otherwise indicated.





# WDGE3 LED

## Architectural Wall Sconce



Buy American



Catalog  
Number

# OW1

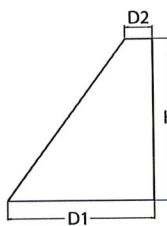
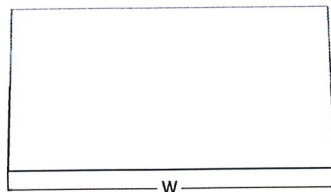
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## Specifications

**Depth (D1):** 8"  
**Depth (D2):** 1.5"  
**Height:** 9"  
**Width:** 18"  
**Weight:** 19.5 lbs  
(without options)



## Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE3 has been designed to deliver up to 12,000 lumens through a precision refractive lens with wide distribution, perfect for augmenting the lighting from pole mounted luminaires.

## WDGE LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Sensor	Lumens (4000K)					
				P1	P2	P3	P4	P5	P6
WDGE1 LED	4W	--	--	1,200	2,000	--	--	--	--
WDGE2 LED	10W	18W	Standalone / nLight	1,200	2,000	3,000	4,500	6,000	--
<b>WDGE3 LED</b>	15W	18W	Standalone / nLight	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	--	--	Standalone / nLight	12,000	16,000	18,000	20,000	22,000	25,000

## Ordering Information

**EXAMPLE:** WDGE3 LED P3 40K 70CRI R3 MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately	
<b>WDGE3 LED</b>	P1	30K 3000K	<b>70CRI</b>	R2 Type 2	<b>MVOLT</b>	<b>Shipped included</b>	AWS	3/8inch Architectural wall spacer
	P2	40K 4000K	80CRI	R3 Type 3	347 <sup>1</sup>	SRM Surface mounting bracket	PBBW	Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available.
	<b>P3</b>	50K 5000K		R4 Type 4	480 <sup>1</sup>	ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) <sup>4</sup>		
	P4			<b>RFT Forward Throw</b>				

Options				Finish	
E15WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (15W, 5°C min)	<b>Standalone Sensors/Controls</b> <b>PIR</b> Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching. <b>PIRH</b> Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching <b>PIR1FC3V</b> Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation. <b>PIRH1FC3V</b> Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation. <b>Networked Sensors/Controls</b> <b>NLTAIR2 PIR</b> nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights. <b>NLTAIR2 PIRH</b> nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights. See page 4 for out of box functionality		DDBXD	Dark bronze
E20WC	Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)			DBLXD	Black
PE <sup>2</sup>	Photocell, Button Type			DNAXD	Natural aluminum
DMG <sup>3</sup>	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)			DWHXD	White
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.	<b>Accessories</b> Ordered and shipped separately: WDGEAWS DDBXD WDGE 3/8inch Architectural Wall Spacer (specify finish) WDGE3PBBW DDBXD U WDGE3 surface-mounted back box (specify finish)		DSSXD	Sandstone
SPD10KV	10kV Surge pack			DDBTXD	Textured dark bronze
BAA	Buy America(n) Act Compliant			DBLBDX	Textured black
				DNATXD	Textured natural aluminum
		<b>NOTES</b> 1 347V and 480V not available with E15WH and E20WC. 2 PE not available in 480V and with sensors/controls. 3 DMG option not available with sensors/controls. 4 Not qualified for DLC. Not available with emergency battery backup or sensors/controls		DWHGXD	Textured white
				DSSTXD	Textured sandstone



COMMERCIAL OUTDOOR

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WDGE3 LED  
Rev. 03/01/22





## Performance Data

# OW1

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	52W	R2	7,037	136	1	0	1	7,649	148	2	0	1	7,649	148	2	0	1
		R3	6,922	134	1	0	2	7,524	145	1	0	2	7,524	145	1	0	2
		R4	7,133	138	1	0	2	7,753	150	1	0	2	7,753	150	1	0	2
		RFT	6,985	135	1	0	2	7,592	147	1	0	2	7,592	147	1	0	2
P2	59W	R2	7,968	135	2	0	1	8,661	147	2	0	1	8,661	147	2	0	1
		R3	7,838	133	1	0	2	8,519	144	1	0	2	8,519	144	1	0	2
		R4	8,077	137	1	0	2	8,779	149	1	0	2	8,779	149	1	0	2
		RFT	7,909	134	1	0	2	8,597	146	2	0	2	8,597	146	2	0	2
P3	71W	R2	9,404	132	2	0	1	10,221	143	2	0	1	10,221	143	2	0	1
		R3	9,250	130	2	0	2	10,054	141	2	0	2	10,054	141	2	0	2
		R4	9,532	134	2	0	2	10,361	145	2	0	2	10,361	145	2	0	2
		RFT	9,334	131	2	0	2	10,146	142	2	0	2	10,146	142	2	0	2
P4	88W	R2	11,380	129	2	0	1	12,369	140	2	0	1	12,369	140	2	0	1
		R3	11,194	127	2	0	2	12,167	138	2	0	2	12,167	138	2	0	2
		R4	11,535	131	2	0	2	12,538	142	2	0	2	12,538	142	2	0	2
		RFT	11,295	128	2	0	2	12,277	139	2	0	2	12,277	139	2	0	2

### Electrical Load

Performance Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	52W	0.437	0.246	0.213	0.186	0.150	0.110
P2	59W	0.498	0.287	0.251	0.220	0.175	0.126
P3	71W	0.598	0.344	0.300	0.262	0.210	0.152
P4	88W	0.727	0.424	0.373	0.333	0.260	0.190

### Lumen Output in Emergency Mode (4000K, 70 CRI)

Option	Dist. Type	Lumens
E15WH	R2	3,185
	R3	3,133
	R4	3,229
	RFT	3,162
E20WC	R2	3,669
	R3	3,609
	R4	3,719
	RFT	3,642

### Lumen Multiplier for 80CRI

CCT	Multiplier
30K	0.891
40K	0.906
50K	0.906

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.05
10°C	50°F	1.03
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.98	>0.97	>0.92



COMMERCIAL OUTDOOR

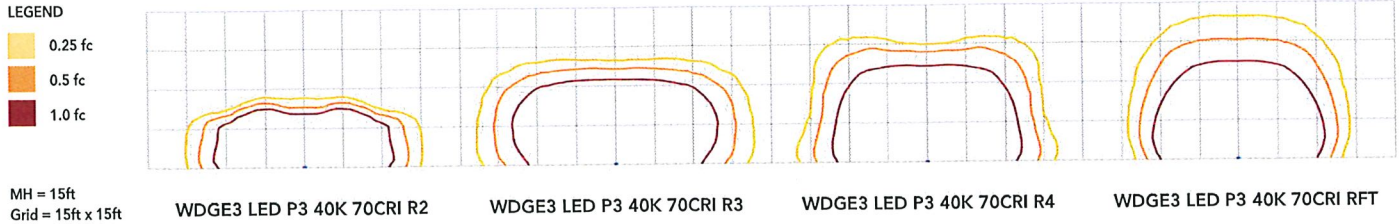
One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • [www.lithonia.com](http://www.lithonia.com)  
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WDGE3 LED  
Rev. 03/01/22



## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage.  
Tested in accordance with IESNA LM-79 and LM-80 standards.



# OW1

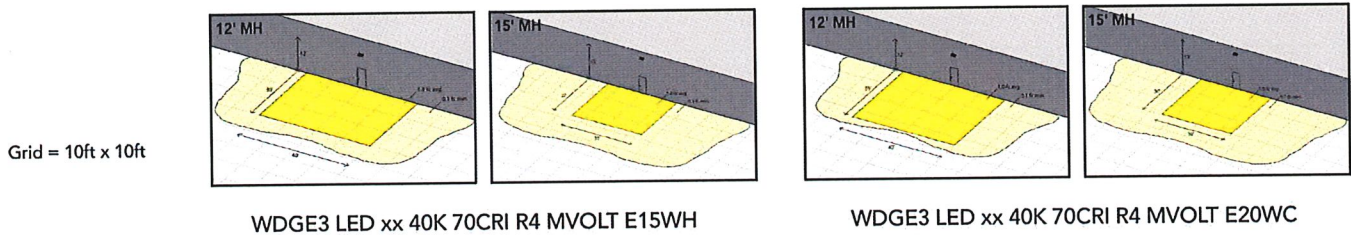
## Emergency Egress Options

### Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain, minimum of 60% of the light output at the end of 90 minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The examples below show illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E15WH or E20WC and R4 distribution.



COMMERCIAL OUTDOOR

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WDGE3 LED  
Rev. 03/01/22



## Control / Sensor Options

## Motion/Ambient Sensor (PIR, PIRH)

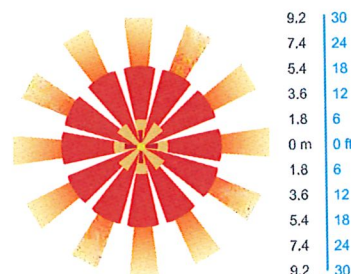
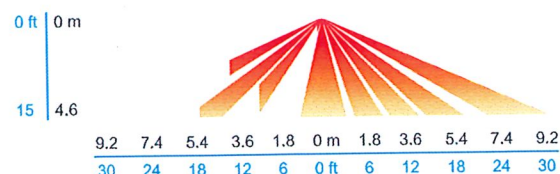
Motion/Ambient sensor (Sensor Switch MSOD) is integrated into the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

## Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

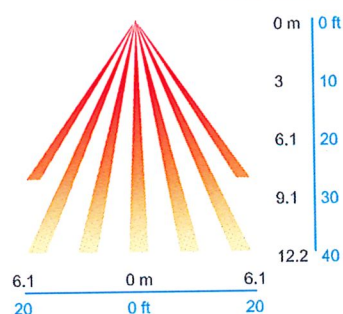
## PIR

## HIGH VIEW

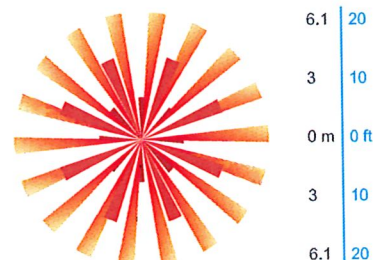


## PIRH

## SIDE VIEW



## TOP VIEW



## Motion/Ambient Sensor Default Settings

Option	Dim Level	High Level (when triggered)	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec



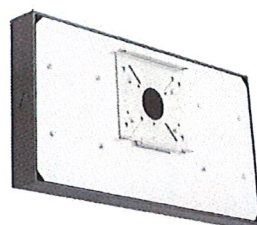


**NLTAIR2 PIR – nLight AIR  
Motion/Ambient Sensor**

D = 8"

H = 11"

W = 18"

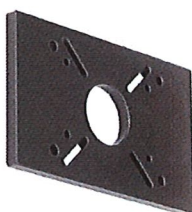


**PBBW – Surface-Mounted Back Box**  
Use when there is no junction box available.

D = 1.75"

H = 9"

W = 18"



**AWS – 3/8inch Architectural Wall Spacer**

D = 0.38"

H = 4.4"

W = 7.5"

## FEATURES & SPECIFICATIONS

### INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

### CONSTRUCTION

The single-piece die-cast aluminum housing to optimize thermal transfer from the light engine and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

### FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

### OPTICS

Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. Light engines are available in 3000 K, 4000 K or 5000 K configurations. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

### ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L92/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

### INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

### LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated; luminaire is IP65 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature and SRM mounting only.

### BUY AMERICAN

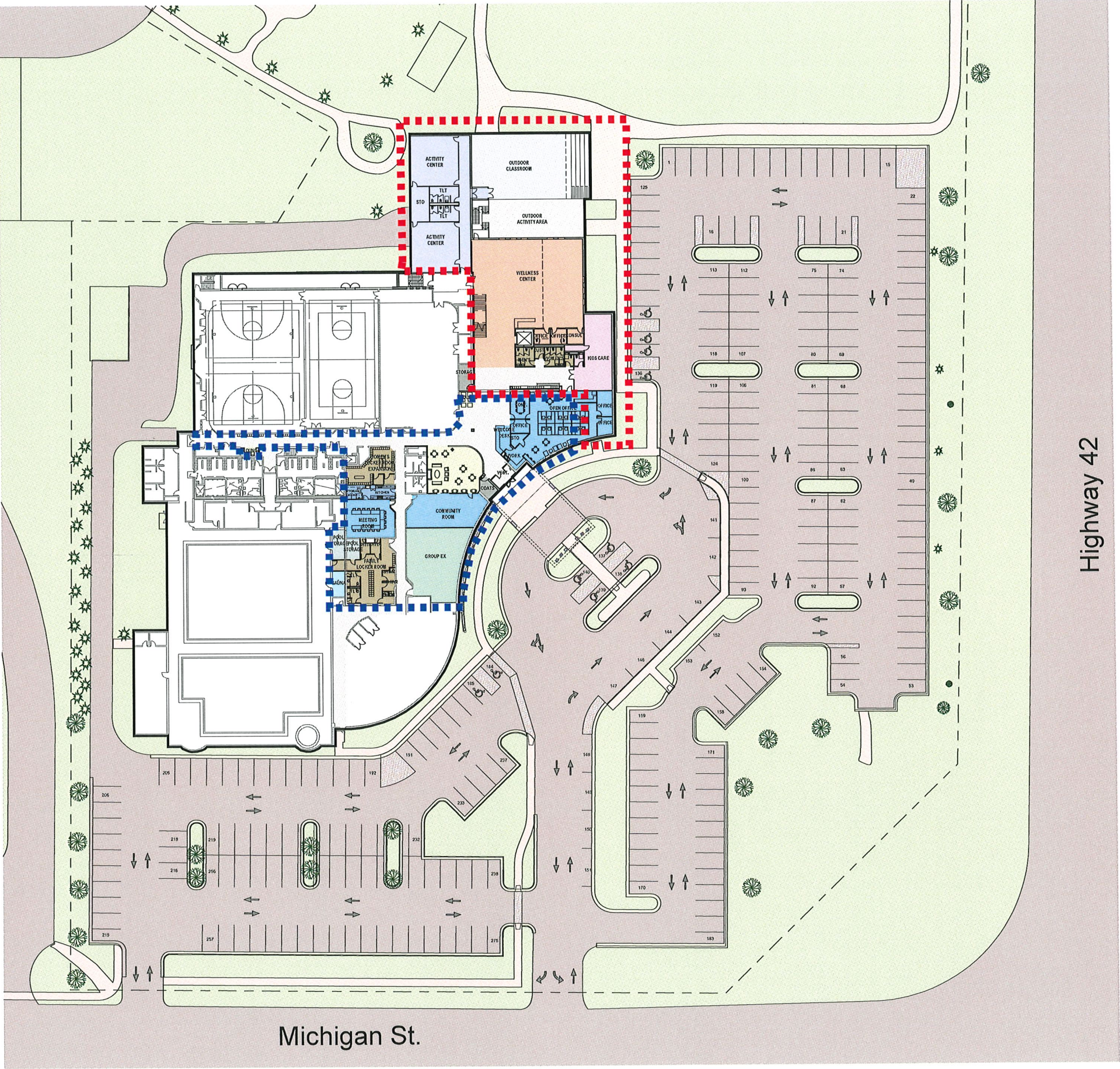
Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.


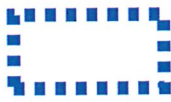
### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.





-  **AREA OF NEW ADDITION**
-  **AREA OF EXISTING REMODEL**







---

# EXISTING

## EXTERIOR MATERIALS

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Metal

Mullions

Brick

Concrete 1

Concrete 2



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# **PROPOSED**

## **EXTERIOR MATERIALS**

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Brick



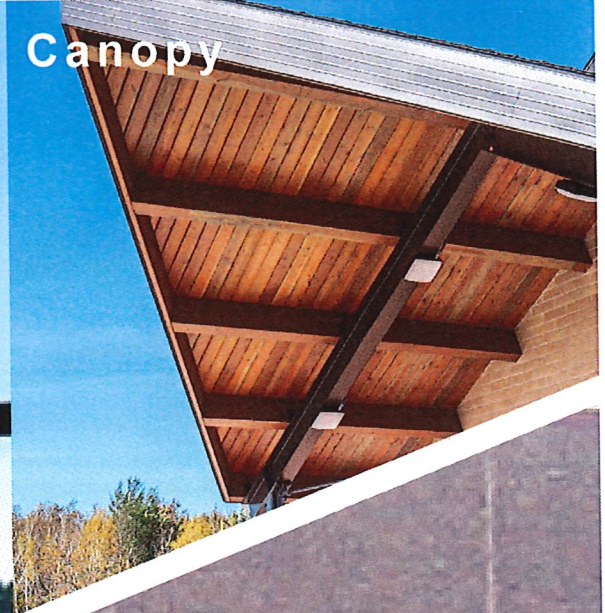
Concrete Panel



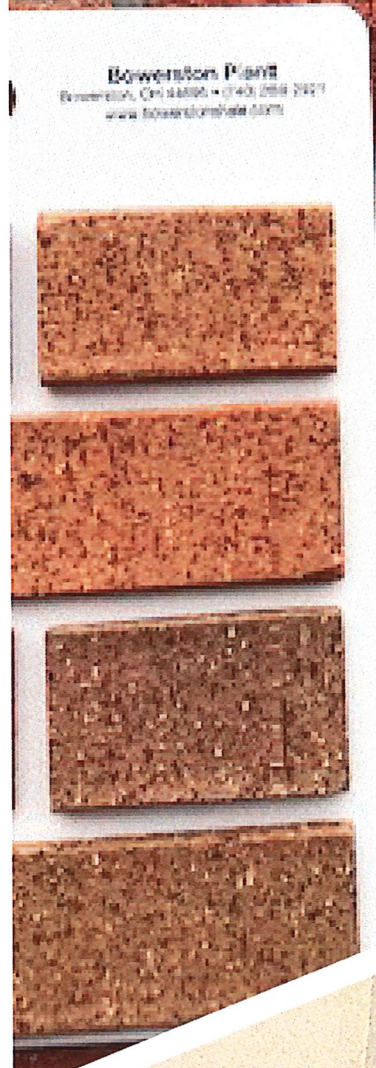
Concrete Panel



Glass



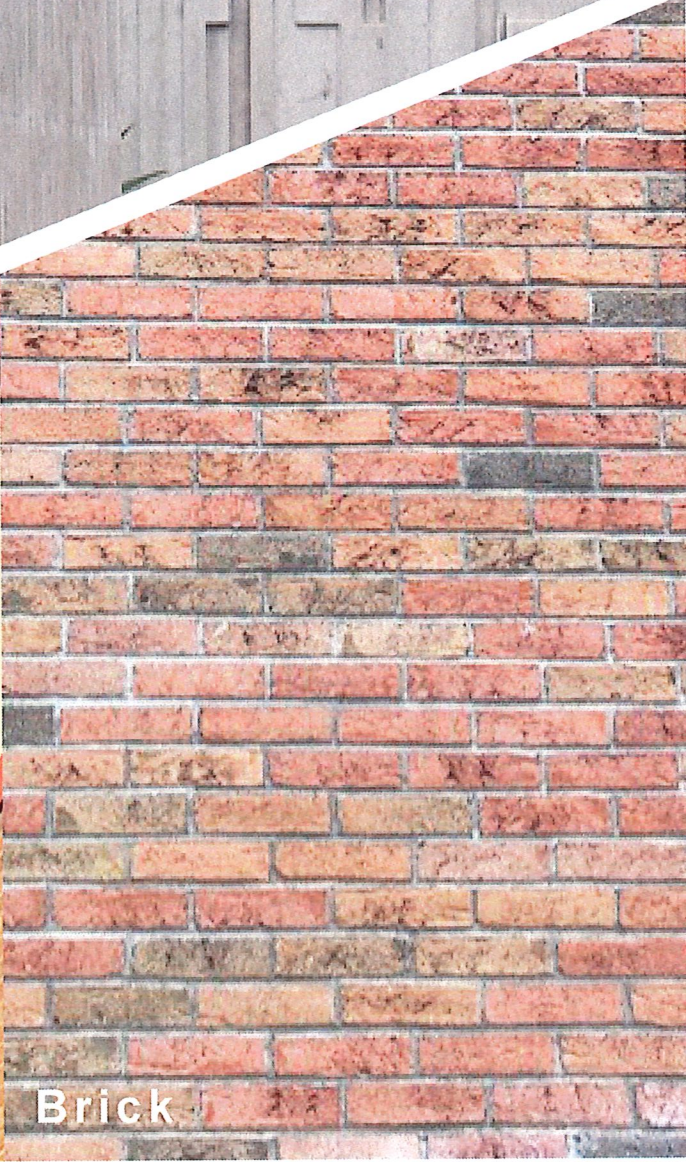
Canopy



Metal



Mullions



Brick

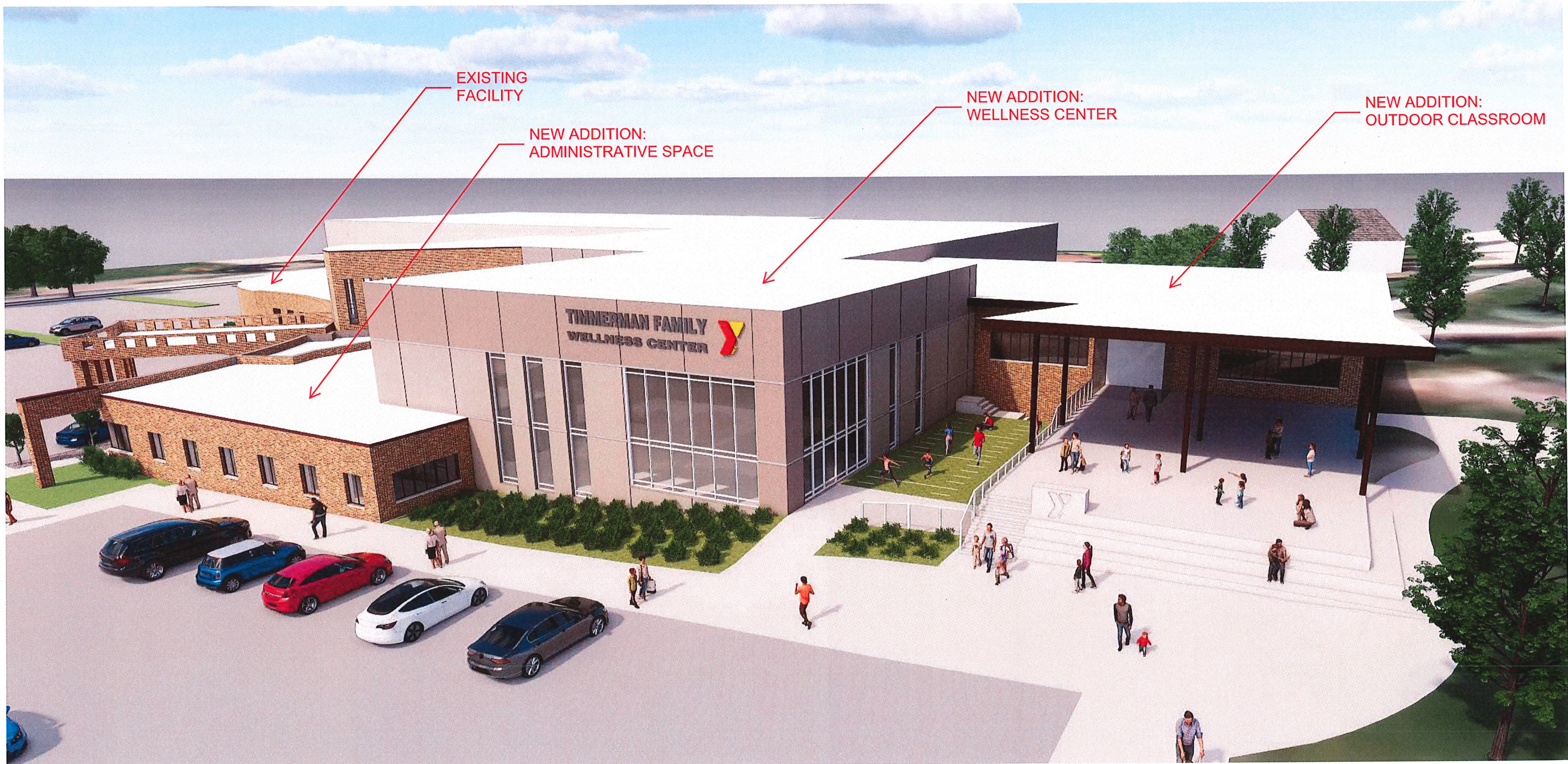


Concrete 1



Concrete 2







DOOR COUNTY YMCA - STURGEON BAY CENTER

BLDG ADD. & INT. ALT.

1900 MICHIGAN ST, STURGEON BAY, WI

**BOLDT™**  
Technical Services

2525 North Regener Road  
PO Box 419  
Appleton, WI 54912-0419  
(920) 225-6217

www.theboldtcompany.com

**Kahler Slater**

PROJECT DIRECTORY

**OWNER**

DOOR COUNTY YMCA  
1900 MICHIGAN STREET  
STURGEON BAY, WI  
PHONE: (920) 742-4949  
EMAIL: HERICKSON@DOORCOUNTYYMCA.COM

CONTACT: HEIDI ERICKSON, CEO

**ARCHITECT**

BOLDT TECHNICAL SERVICES  
2525 N. ROEMER ROAD  
P.O. BOX 419  
APPLETON, WI 54912-0419  
PHONE: (920) 225-6217  
EMAIL: ERIC.BAUMAN@BOLDT.COM

CONTACT: ERIC BAUMAN, AIA

**GENERAL CONTRACTOR**

THE BOLDT COMPANY  
OSCAR J. BOLDT CONSTRUCTION DIVISION  
2525 N. ROEMER ROAD  
P.O. BOX 419  
APPLETON, WI 54912-0419  
PHONE: (920) 225-6340  
EMAIL: TONY.MEEUWSEN@BOLDT.COM

CONTACT: TONY MEEUWSEN, PM

**JOB SITE OFFICE**

PHONE: (920) 225-7243  
CELL PHONE: (920) 810-64235  
EMAIL: AL.KULHANEK@BOLDT.COM

CONTACT: AL KULHANEK, SUPERINTENDENT

**STRUCTURAL ENGINEER**

BOLDT TECHNICAL SERVICES  
2525 N. ROEMER ROAD  
P.O. BOX 419  
APPLETON, WI 54912-0419  
PHONE: (920) 225-6375  
EMAIL: TOM.WIRTZ@BOLDT.COM

CONTACT: TOM WIRTZ, PE

**CIVIL ENGINEER**

BAUDHUIN SURVEYING & ENGINEERING  
312 N 5TH AVENUE  
STURGEON BAY, WI 54235  
PHONE: (920) 743-8281  
EMAIL: PHURTH@BAUDHUIN.COM

CONTACT: PETE HURTH, PE

**MECHANICAL ENGINEER**

BOLDT TECHNICAL SERVICES  
2525 N. ROEMER ROAD  
P.O. BOX 419  
APPLETON, WI 54912-0419  
PHONE: (920) 225-6142  
EMAIL: BRIAN.BRANTMEIER@BOLDT.COM

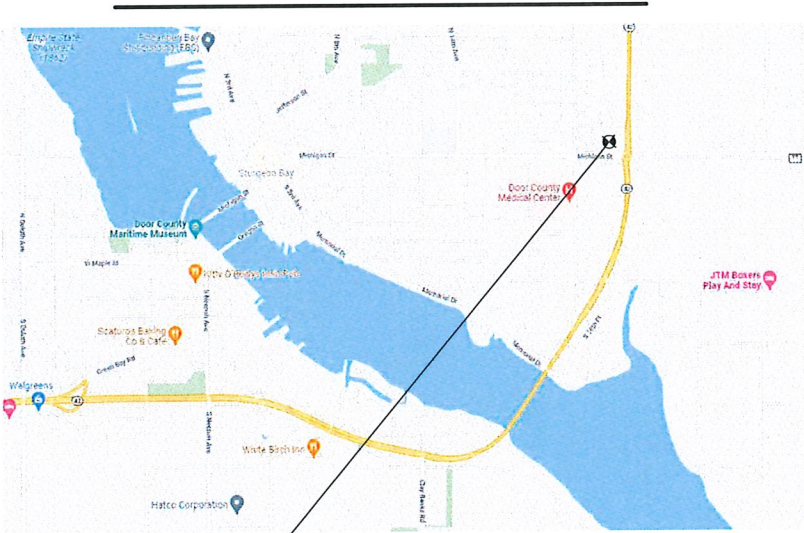
CONTACT: BRIAN BRANTMEIER, PE

**ELECTRICAL ENGINEER**

NORTHERN ELECTRIC INC.  
231 KEEL COURT  
STURGEON BAY, WI 54235  
PHONE: (920) 468-6000  
EMAIL: BILL@NEI-GB.COM

CONTACT: BILL SERONKO

VICINITY MAP



PROJECT LOCATION  
1900 MICHIGAN ST, STURGEON BAY, WI

SHEET INDEX

REV	SHEET #	SHEET NAME
03	STRUCTURAL	
1	S-001	GENERAL STRUCTURAL NOTES
1	S-101	OVERALL FIRST FLOOR FOUNDATION PLAN
1	S-102	FIRST FLOOR FOUNDATION PLAN - ADMINISTRATION AREA
1	S-103	FIRST FLOOR FOUNDATION PLAN - WELLNESS CENTER
1	S-104	FIRST FLOOR FOUNDATION PLAN - GYMNASIUMS AREA
1	S-110	OVERALL SECOND FLOOR FOUNDATION PLAN
1	S-111	SECOND FLOOR FRAMING PLAN - WELLNESS CENTER & WELLNESS MEZZANINE
1	S-112	SECOND FLOOR FOUNDATION PLAN - ACTIVITY CENTER ADDITION, OUTDOOR CLASSROOM
1	S-150	OVERALL ROOF FRAMING PLAN AND LINTELS
1	S-151	ENLARGED ROOF FRAMING PLAN - ADMINISTRATION AREA
1	S-152	ENLARGED ROOF FRAMING PLAN - WELLNESS CENTER
1	S-153	ENLARGED ROOF FRAMING PLANS - ACTIVITY CENTER & OUTDOOR CLASSROOM CANOPY
1	S-301	SPECIAL JOISTS
1	S-501	TYPICAL FOUNDATION AND PIER DETAILS
1	S-502	FOUNDATION SECTIONS
1	S-503	FOUNDATION SECTIONS
1	S-601	FRAMING DETAILS

06	MECHANICAL	
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1	M-002	FIRST FLOOR MECHANICAL DEMOLITION PLAN - 2
1	M-003	FIRST FLOOR MECHANICAL DEMOLITION PLAN - 3
1	M-004	FIRST FLOOR MECHANICAL DEMOLITION PLAN - 4
1	M-051	FIRST FLOOR MECHANICAL PIPING DEMOLITION PLAN - 1 (OVERALL)
1	M-052	FIRST FLOOR MECHANICAL PIPING DEMOLITION PLAN - 2
1	M-053	FIRST FLOOR MECHANICAL PIPING DEMOLITION PLAN - 3
1	M-054	FIRST FLOOR MECHANICAL PIPING DEMOLITION PLAN - 4
1	M-101	FIRST FLOOR MECHANICAL PLAN - 1 (OVERALL)
1	M-102	FIRST FLOOR MECHANICAL PLAN - 2
1	M-103	FIRST FLOOR MECHANICAL PLAN - 3
1	M-104	FIRST FLOOR MECHANICAL PLAN - 4
1	M-121	SECOND FLOOR MECHANICAL PLAN - 1 (OVERALL)
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1	M-123	SECOND FLOOR MECHANICAL PLAN - MECHANICAL ROOM 203 (AHU-2) ALTERNATE #2
1	M-125	SECOND FLOOR MECHANICAL PIPING PLAN - 1 (OVERALL)
1	M-126	SECOND FLOOR MECHANICAL PIPING PLAN - 2
1	M-127	SECOND FLOOR MECHANICAL PIPING PLAN - 3
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1	M-153	FIRST FLOOR MECHANICAL PIPING PLAN - 3
1	M-154	FIRST FLOOR MECHANICAL PIPING PLAN - 4
1	M-155	FIRST FLOOR MECHANICAL PIPING PLAN - 5
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1	M-502	MECHANICAL DETAILS
1	M-601	MECHANICAL EQUIPMENT SCHEDULES
1	M-602	MECHANICAL EQUIPMENT SCHEDULES AND SECTIONS
1	M-801	MECHANICAL CONTROLS SCHEMATICS (EXISTING AHU-2)
1	M-802	MECHANICAL CONTROLS - POINTS LIST & HOT WATER SCHEMATIC
1	M-901	MECHANICAL SPECIFICATIONS

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E-101	LIGHTING UPPER LEVEL ADDITION
E-102	FIXTURE SCHEDULE & NOTES
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E-501	CEC FIRE ALARM & SECURITY PLAN

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PLUMBING	
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P-100	OVERALL FLOOR PLAN
P-100AB	BELOW GRADE FLOOR PLAN - AREAS A & B
P-100C	BELOW GRADE FLOOR PLAN - AREA C
P-101AB	FIRST FLOOR PLAN - AREAS A & B
P-101C	FIRST FLOOR PLAN - AREA C
P-101E	FLOOR PLANS - AREA E
P-102AB	SECOND FLOOR PLAN - AREAS A & B
P-201	WASTE & VENT DIAGRAM
P-202	SUPPLY RISER DIAGRAM
P-203	STORM / CLEARWATER DIAGRAMS
P-301	SCHEDULES & DETAILS

REV	SHEET #	SHEET NAME
00	GENERAL	
1	G-101	COVER SHEET
1	G-201	GENERAL INFORMATION SHEET
1	G-301	LIFE SAFETY PLAN, FIRST FLOOR
1	G-302	LIFE SAFETY PLAN, SECOND FLOOR
1	G-401	PROJECT ALTERNATES, FIRST AND SECOND FLOORS
01	CIVIL	
1	C-100	OVERALL SITE & WATER MAIN PLAN
1	C-101	EXISTING CONDITIONS / DEMOLITION SITE PLAN
1	C-102	PROPOSED GRADING & EROSION CONTROL SITE PLAN
1	C-103	PROPOSED STORMWATER POND IMPROVEMENTS
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1	A-103	FIRST FLOOR CONSTRUCTION PLAN - WELLNESS CENTER & EXISTING GYMNASIUMS AREA
1	A-104	FIRST FLOOR CONSTRUCTION PLAN - EXISTING POOL & MEETING AREA
1	A-105	FIRST FLOOR CONSTRUCTION PLAN - EXISTING POOL & MEETING AREA
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1	A-303	BUILDING SECTIONS
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1	A-351	WALL SECTIONS
1	A-352	WALL SECTIONS
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1	A-605	DOOR SCHEDULE & ELEVATIONS
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1	A-801	FIRST FLOOR REFLECTED CEILING PLAN
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NOT FOR CONSTRUCTION

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Technical Services

A Division of The Boldt Company

SAFETY: A WAY OF LIFE

DOOR COUNTY YMCA - STURGEON BAY CENTER  
BLDG ADD. & INT. ALT.  
1900 MICHIGAN ST, STURGEON BAY, WI  
COVER SHEET

Project Number 103095-100

Drawn By RS

Checked By EB

G-101









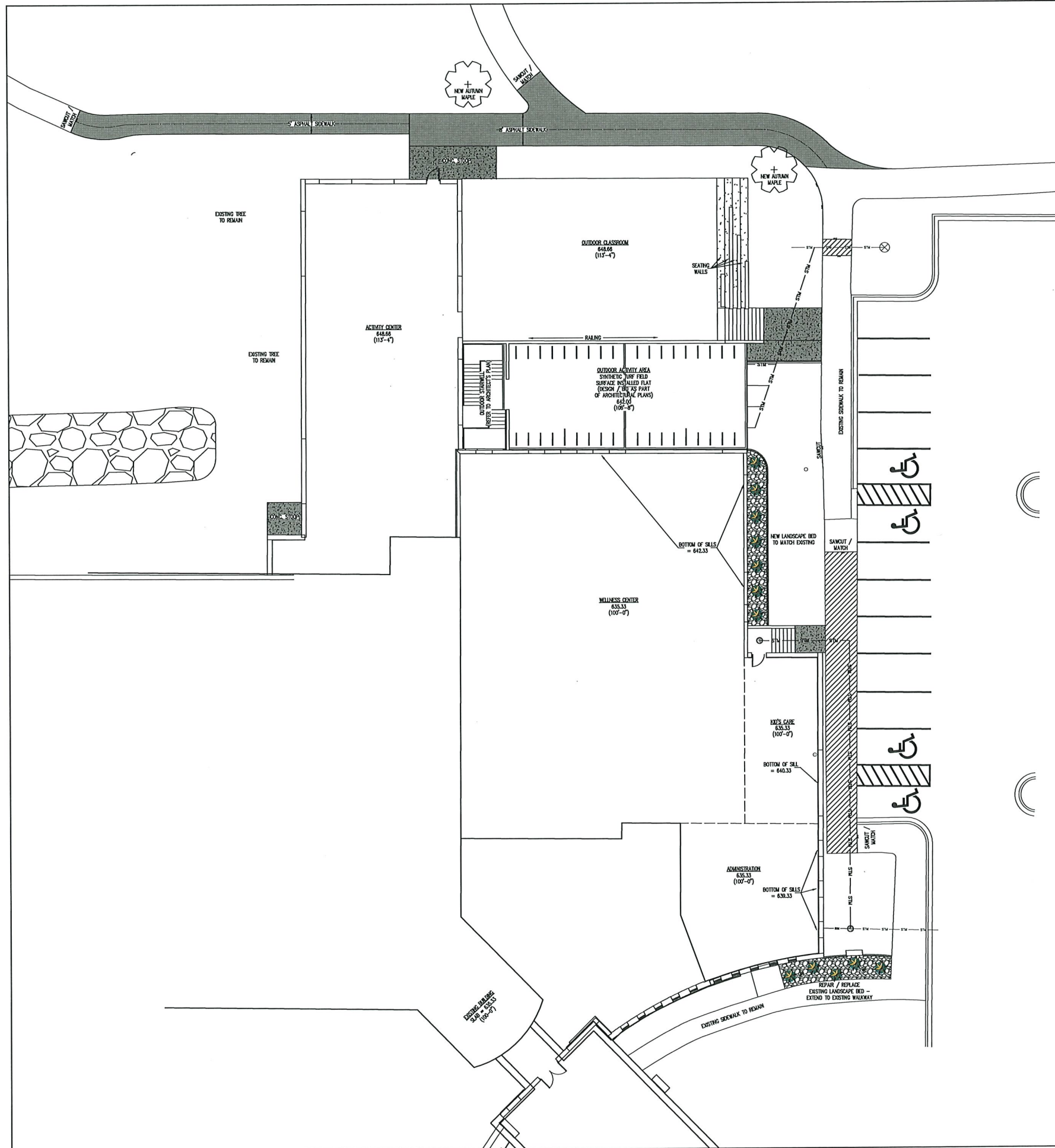













0 5 10 20  
FEET

NORTH

NOTES:  
NEW LANDSCAPE BEDS SHALL  
MATCH EXISTING BEDS IN STONE  
SIZE AND VEGETATION.  
ALL DISTURBED AREAS TO BE  
RESTORED WITH TOPSOIL, SEED,  
& MULCH.



2505 North Summer Road  
Apollonia, WI 54912-0419  
800-350-0221

[www.theboldtcompany.com](http://www.theboldtcompany.com)

No.	Description	Date
1	ISSUED FOR BID	03/24/2022
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STURGEON BAY YMCA  
1900 MICHIGAN ST.  
STURGEON BAY, WI 54235

Proposed Landscape  
Plan

Project Number 103095-100

Drawn By D.V.B.

Checked By P.J.H.

C-102A

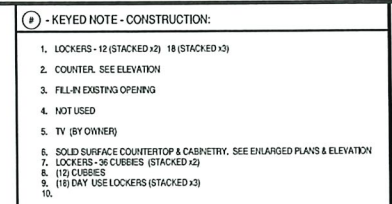






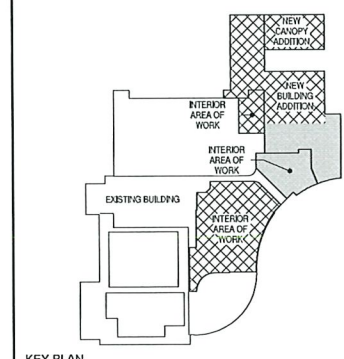
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**Kahler Slater**[illegible]

Project Number	103095-100
Drawn By	RS
Checked By	EB

A-102



KEY PLAN

## SAFETY: A WAY OF LIFE

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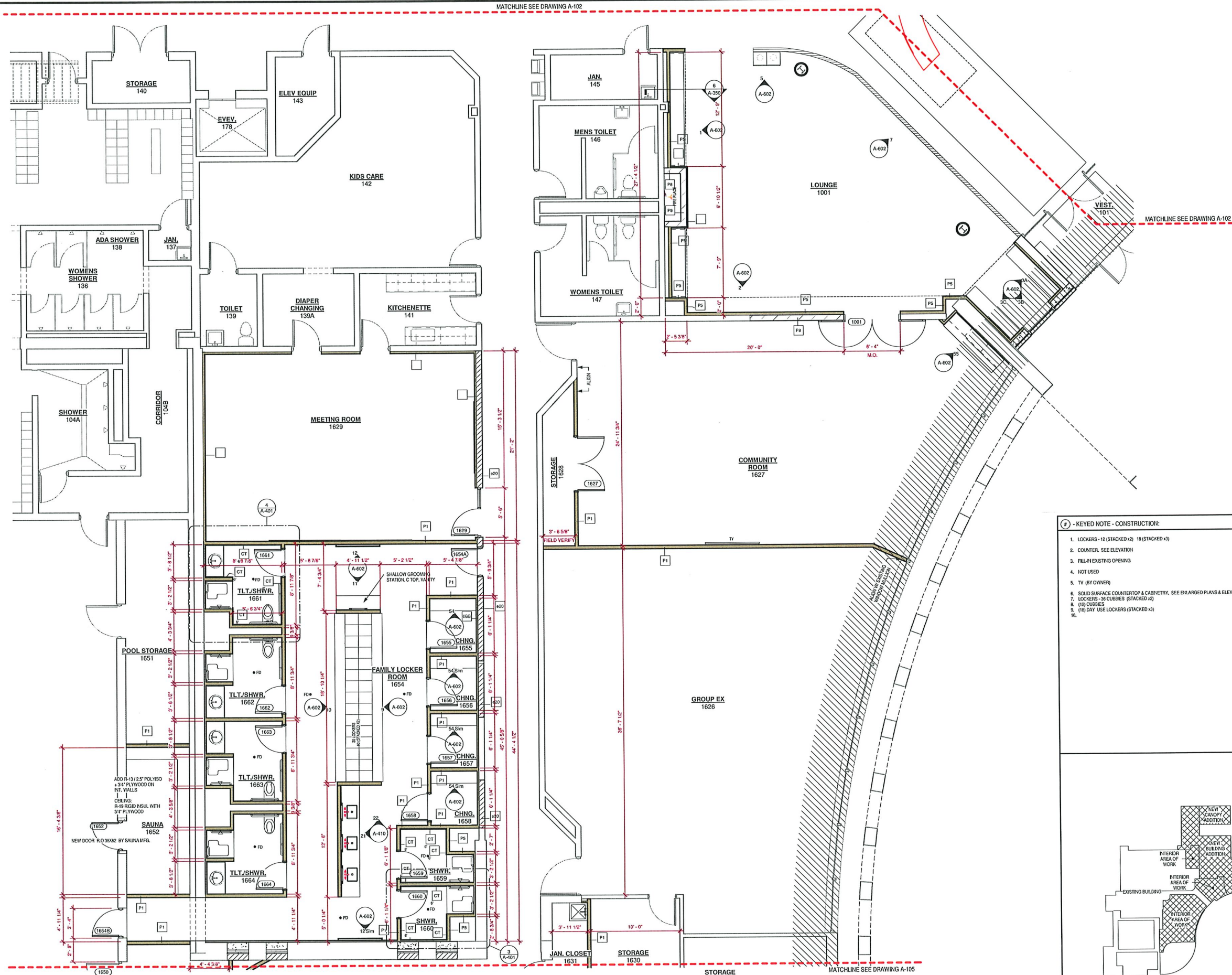




3/24/2023 9:50:22 AM Autodesk Docs\Door County Ymca - Facility Expansion - 103095.DOCY-D-1A-08-R22.rvt

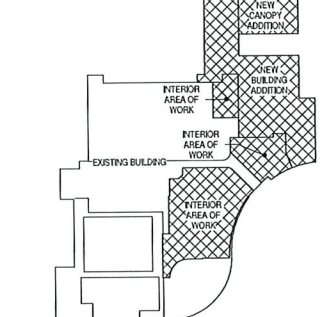
01 - FIRST FLOOR PLAN - ALTERED AREAS -  
FAMILY LOCKER ROOM, MEETING ROOMS,  
LOBBY  
SCALE: 1/4" = 1'-0"

SAFETY: A WAY OF LIFE



KEYED NOTE - CONSTRUCTION:

- LOCKERS - 12 (STACKED x2) 18 (STACKED x3)
- COUNTER. SEE ELEVATION
- FILL-IN EXISTING OPENING
- NOT USED
- TV (BY OWNER)
- SOLID SURFACE COUNTERTOP & CABINETRY. SEE ENLARGED PLANS & ELEVATION
- LOCKERS - 36 CUBBIES (STACKED x2)
- (18) CUBBIES
- (18) DAY USE LOCKERS (STACKED x3)
- 



DOOR COUNTY YMCA - STURGEON BAY  
CENTER  
BLDG ADD. & INT. ALT.  
1900 MICHIGAN ST., STURGEON BAY, WI  
FIRST FLOOR CONSTRUCTION PLAN -  
EXISTING POOL & MEETING AREA

Project Number 103095-100  
Drawn By RS  
Checked By EB

A-104

**BOLDT**  
Technical Services  
2055 North Bommer Road  
Appleton, WI 54912-0419  
800.735.0001

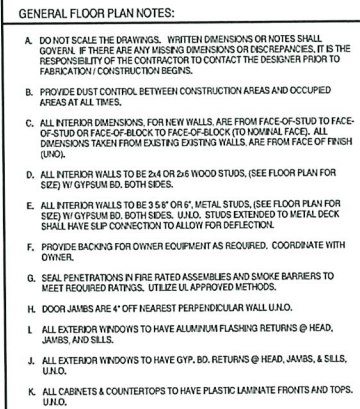
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DOOR COUNTY YMCA - STURGEON BAY  
CENTER  
BLDG ADD. & INT. ALT.  
1900 MICHIGAN ST., STURGEON BAY, WI  
SECOND FLOOR OVERALL  
CONSTRUCTION PLAN

A-111



OVERALL  
SCALE 1/16" = 1'-0"

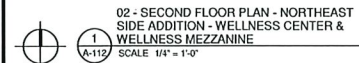
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1. LOCKERS - 12 (STACKED x2) 18 (STACKED x3)
2. COUNTER, SEE ELEVATION
3. FILL-IN EXISTING OPENING
4. NOT USED
5. TY (BY OWNER)
6. SOLID SURFACE COUNTERTOP & CABINETRY, SEE ENLARGED PLANS & ELEVATION
7. LOCKERS - 36 CUBBIES (STACKED x2)
8. (12) CUBBIES
9. (18) DAY USE LOCKERS (STACKED x3)
- 10.



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DOOR COUNTY YMCA - STURGEON BAY  
CENTER  
BLDG ADD. & INT. ALT.  
1900 MICHIGAN ST, STURGEON BAY, WI  
SECOND FLOOR CONSTRUCTION PLAN -  
WELLNESS CENTER & EXISTING  
GYMNASTICS AREA

Project Number	103095-100
Drawn By	RS
Checked By	EB

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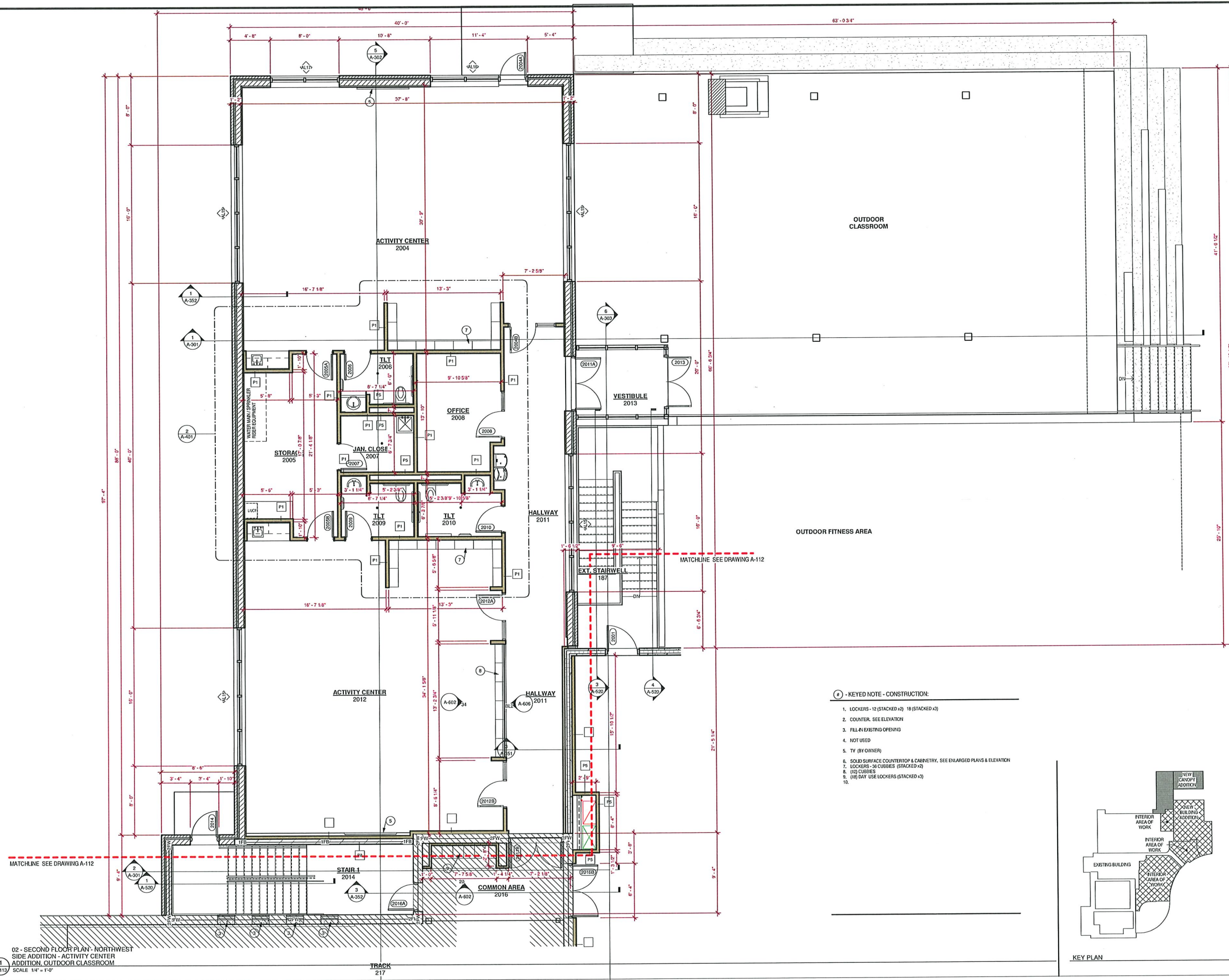


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DOOR COUNTY YMCA - STURGEON BAY  
CENTER  
BLDG ADD. INT. ALT.  
1900 MICHIGAN ST. STURGEON BAY, WI  
SECOND FLOOR CONSTRUCTION PLAN -  
ACTIVITY CENTER & OUTDOOR  
CLASSROOM

Project Number	103095-10
Drawn By	
Checked By	

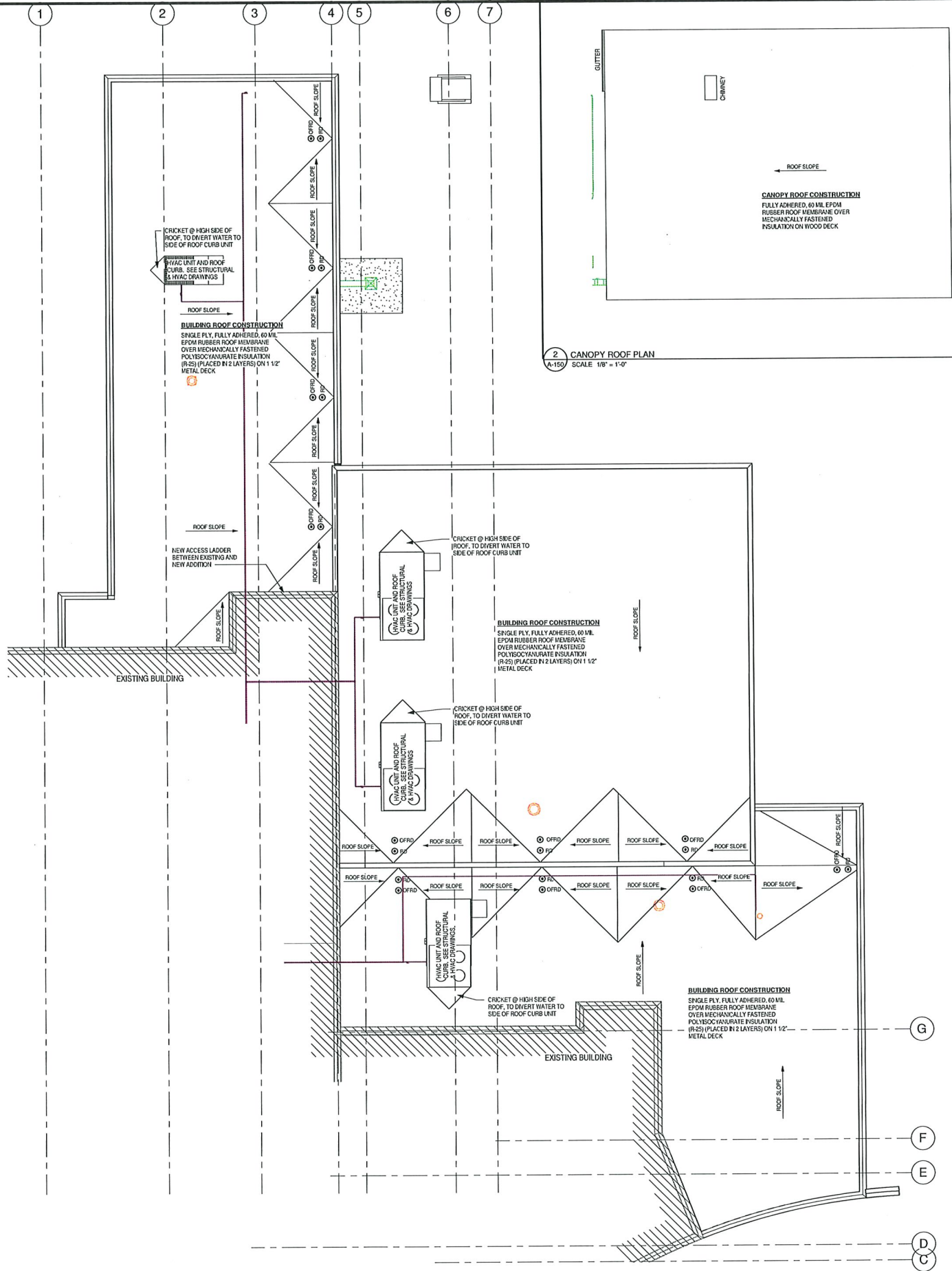
A-113



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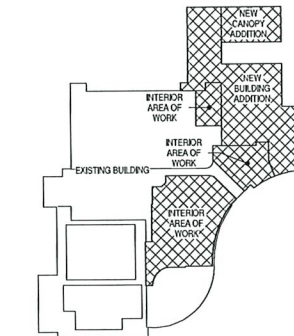
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- A. ROOFING CONTRACTOR TO INSTALL ALL ROOFING AND INSULATION PER MANUFACTURER'S DETAILS AND SPECIFICATIONS (M.P.). PROVIDE ALL REQUIRED MATERIALS & ACCESSORIES FOR A COMPLETE, WATER-TIGHT SYSTEM.
- B. ROOFING CONTRACTOR TO PROVIDE AND INSTALL THERMAL BREAK FLASHING FOR ROOF PENETRATIONS TO BE FINISHED TO MATCH ROOFING MANUFACT. REQUIREMENTS.
- C. ROOF PENETRATIONS TO BE FINISHED TO MATCH ROOF COLOR.
- D. SEE MEP DRAWINGS FOR LOCATION AND SIZE OF ALL ROOF PENETRATIONS AND CURBS REQUIRED FOR ROOF PENETRATIONS.
- E. ROOFING CONTRACTOR SHALL PROVIDE A WRITTEN VERIFICATION OF MEMBRANE INSTALLATION.
- F. ROOF STRUCTURE IS DESIGNED TO ALLOW FOR PONDING AND WATER WILL DRAIN INTO RELIEF DRAIN CANS OF NON-ROOF DRAINAGE BLOCK. RELIEF DRAIN SET SHALL BE HIGHER THAN ROOF DRAIN U.S. DISCHARGE. SECONDARY ROOF DRAIN SYSTEMS SHALL HAVE THE END POINT OF DISCHARGE SEPARATE FROM THE PRIMARY SYSTEM.
- G. REFER TO STRUCTURAL DRAWINGS FOR DECK BEARING ELEVATIONS.
- H. METAL ROOFING CONTRACTOR IS TO PROVIDE AND INSTALL ALL ASPECTS OF METAL ROOF PANEL, FLASHINGS, GUTTERS, AND DOWNSPUTS.
- I. ALL FLASHING TO BE SHEET METAL. U.S.O.

→ = INDICATES DIRECTION OF ROOF SLOPE  
 ○ RD = ROOF DRAIN LOCATION  
 ○ OFRD = OVERFLOW ROOF DRAIN LOCATION  
 SC = SCUPPER LOCATION



### KEY PLAN

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## Kahler Slater

[illegible]

DOOR COUNTY YMCA - STURGEON BAY  
CENTER  
BLDG ADD. & INT. ALT.  
1900 MICHIGAN ST, STURGEON BAY, WI  
OVERALL ROOF PLAN

Project Number	103095-100
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Drawn By	RS
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A-150

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