

Consider it DUNN

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Birmingham ■ Saraland ■ Athens

DUNN SINCE 1878
BUILDING COMPANY
2020—1st Quarter

Dunn Completes New Firehouse Shelter in Birmingham



Dunn completed construction the new 28,000 SF Firehouse Shelter and on February 20, 2020, guests slept in the brand new shelter for the very first time.

The main building was constructed from a pre-engineered structure with insulated metal panels and a standing seam roof. The foundations are a monolithic slab and spread footings. Interior walls are constructed from a mix of CMU and metal

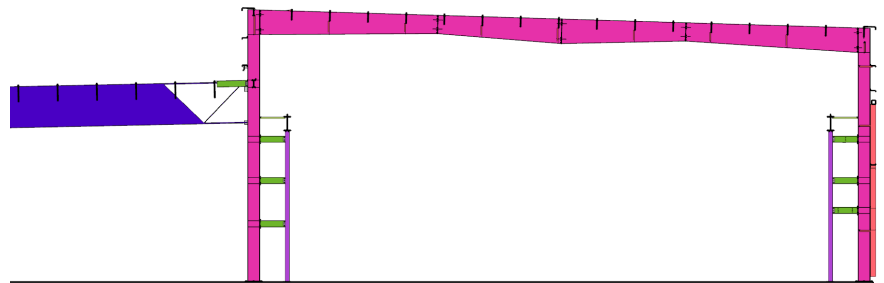
stud framed drywall partitions. The facility is equipped with a full functioning commercial kitchen, administrative offices, case management rooms, exam rooms, lounge area, dining area, shelter and courtyard.

Dunn Building Company is proud to be a long time supporter of the Firehouse Shelter, raising nearly \$100,000 for the Firehouse over the last ten years with our annual Good Friday Golf Tournament.

VUTEQ—Huntsville, Alabama

Japanese based company, Vuteq, is one of the growing lists of Tier 1 suppliers that will set up operations in North Alabama to support the automotive industry. This 330,000 square foot facility for Vuteq will manufacture/produce interior and exterior plastic-injected parts and various sub-assemblies for Mazda and Toyota, located a few miles north of the project site.

Dunn Building Company is contracted with Fujita to furnish and erect the steel for this facility. This project started with a Pre-Engineered Metal Building basis of design but evolved into a hybrid job as it is now utilizing BlueScope Conventional Steel Services. Ninety foot long interior girders weighing approximately 10,500 lbs make up most of the low bay structural components, and pre-engineered 3-plate columns with additional crane columns and rafters function as the structure in the high bay manufacturing area. Wall girts will receive Insulated Metal Wall Panels which will act as the building envelope at all exterior walls. The roofing consists of conventional built up insulation and roofing membrane in lieu of standing seam roofing. There is roughly 25,000 SF of mezzanine over the office space and additional large and small canopies at entrances and loading dock doors. Two 30-Ton cranes will be installed in the high-bay as part of scope as well.



DO IT RIGHT. CONSIDER IT DUNN.



A Division of Dunn Building Company

Dunn Fabricators recently purchased the Fabmaster II, a CNC Plasma Table. The plasma will burn any type shape as well as lay-out and burn holes. We will be able to fabricate your base plates, gusset plates, end plates, knife plates, and any other plate with ease. This addition to our shop will allow us to more accurately and efficiently serve our clients by getting your products to you faster and with superior quality. We invite you to tour our facility in Columbiana to see our new plasma table along with our other machinery and top notch team and discuss how we can help you with any of your steel needs.



To request a price, place an order or just learn more about Dunn Fabricators call Matt Chance at (205) 503-2450.

Dunn Building Company Receives ABC Platinum STEP Award

Dunn Building Company was recently awarded the Platinum STEP Award from ABC. Founded in 1989 as a safety benchmarking and improvement tool, STEP has evolved into a world-class safety management system that dramatically improves safety performance among participants regardless of company size or type of work.

Participating ABC member firms measure their safety processes and policies on 25 key components through a detailed questionnaire with the goal of implementing or enhancing safety programs that reduce jobsite incidents.

STEP
Platinum
Companies are
328%
Safer than BLS
average

SAFETY
It's your life!



Dunn Building Company
Breaks Ground on AM/NS Facility
in Calvert, Alabama

Dunn Building Company's Gulf Coast team has been working with ArcelorMittal and Nippon Steel Corporation (AM/NS) since March of 2019 to construct a new warehouse at their facility near Calvert, Alabama. The project has been a design-assist project by Dunn since the first inquiry where AM/NS provided to DBC a set of project specifications and a sketch for a 300,000 square foot building to store spare parts for their manufacturing facility. At that time, AM/NS utilized a warehouse in Theodore Alabama to service their needs however, the 50+ mile distance between these two facilities caused inefficiencies to the maintenance and operations of the mill.

AM/NS is a 50/50 joint venture between ArcelorMittal and Nippon Steel Corp. The steel processing plant is located in Calvert, Alabama, about 35 miles north of Mobile. Purchased by ArcelorMittal and NSC in 2014, the plant has served the North American market since 2010 with the capacity to produce 5.3 million tons

of flat rolled carbon steel products annually.

AM/NS Calvert is recognized as one of the most advanced steel finishing facilities in the world and is highly complementary to ArcelorMittal's existing portfolio of world-class assets. The facility serves the automotive, construction, pipe and tube, service center, and appliance/HVAC industries.

DBC management worked with AM/NS to identify their needs and provided recommendations to modify the design in order to get the project in budget. These ideas included changes to the building and site general arrangement plans to more efficiently operate the facility. Ultimately the building footprint was reduced by 30% while maintaining the operational needs of the plant. In addition, the strategy used to maintain climate control was reevaluated and a new system was recommended that was more suitable to the local environment. Alternative foundation concepts, building material specifications, miscellaneous equipment and interior finishes were proposed and some of the suggestions were incorporated into the design. These modifications lead to a reduction of overall building costs by approximately 18%. Work is still in progress to further optimize the design to reduce construction cost.

This effort has been and continues to be successful due to the willingness of all parties to work together as a team. This team effort is the goal for all DBC projects and is an example of how contractors working with owners and their design team members to ensure a quality product at a valuable price.