PROJECT NARRATIVE
January 31, 2014

PROJECT: University of North Florida
Recreational Gym
(Repurposing the Existing Aquatic Center)
Jacksonville, Florida
RDB Project No: 2013-72

DIVISION 2 - DEMOLITION

A. DEMOLITION
   1. Pool edge, gutter, deck and diving boards.
   2. All existing windows.
   4. Exterior hollow metal doors and frames.
   5. Interior walls, floor finishes and ceilings of the administration and locker areas.
   7. Rear concrete patio.

B. SITEWORK
   1. Extend a 4" diameter fire sprinkler main from the existing water loop east of the building.
   2. Structured granular fill of the pool shell.

DIVISION 3 - CONCRETE

A. New recessed 5" thick concrete slab with welded wire fabric in the entire gymnasium.
B. ALTERNATE: In lieu of 5" slab throughout, if a synthetic basketball flooring is used in lieu of hardwood, reduce pool deck demolition to outside perimeter only, use concrete leveling over the pool deck and 5" concrete slab with welded wire fabric over the area of the pool's structured granular fill.

DIVISION 4 - MASONRY

A. 8" CMU block in the new administration and locker areas.

DIVISION 5 - METAL

A. Reinforce the existing trusses to carry loads added from new roof insulation panels, sprinkler system, duct work, light fixtures and suspended backboards.
B. Reinforce rusted steel columns.
DIVISION 6 - WOOD AND PLASTIC

A. Custom plastic laminate covered check-in desk with solid surface top.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

A. Rigid insulation(OSB sandwich panels and metal stud support framing at the underside of the gymnasium roof.
B. Batt insulation over the admin/locker wing.
C. Redo flashing at all window sills and penetrations of the exterior envelope.
D. Paint the existing metal roof panels to match the color of the Student Wellness Center.

DIVISION 8 - DOORS & WINDOWS

A. New storefront entrance with three pairs of 6'-0" doors.
B. New fixed insulated glazing with 1" Low-E high-performance glass on both the north and south elevation of the clerestories, at the existing south elevation and at the north elevation garage door infill to match the existing south elevation.
C. New galvanized hollow metal doors, frames and entrance hardware for all exterior doors.
D. New hollow metal doors, frames and access hardware for all interior doors.
E. New roll-up door at the east storage room.

DIVISION 9 - FINISHES

A. Marmoleum flooring with rubber base in classrooms.
B. Porcelain tile flooring and base in the entrance lobby, main corridor, offices and lockers.
C. NCAA quality cushioned hardwood flooring in the entire gymnasium.
D. ALTERNATE: In lieu of hardwood flooring in the gymnasium provide synthetic flooring throughout.
E. Paint on all walls throughout the facility.
F. Ceramic tile walls in restroom wet walls and showers.
G. ACT ceilings in classrooms, main lobby, main corridor, and office space.
H. Painted gypsum board ceiling in locker rooms.
I. Painted OSB ceiling in the gymnasium.
J. 20 gauge metal studs with abuse-resistant GW/B on 20 ga. metal studs with Centria metal panels on the exterior with batt insulation in stud cavity at all former garage door openings from grade up to ribbon windows which match the low windows on the south façade.

DIVISION 10 - MISCELLANEOUS SPECIALTIES

A. Resin toilet partitions.
B. Standard toilet accessories.
C. Fifty (50) 36" double lockers in each locker room and eighty (80) wallet size lockers in the gymnasium.
D. Twenty (20) fire extinguishers.
E. Markerboards in classrooms.
F. Eleven (11) portable, telescoping bleachers each 4 rows high x 15 ft. long.
G. Walk-off mats at main building entrances.
H. Six (6) retractable suspended basketball backboards and two (2) portable basketball backboards.
I. Two (2) court curtains.
J. Three (3) volleyball nets.
K. Wall pads 40 ft. wide x 8 ft. high at four locations.
L. Room identification signage.
M. Access control turnstiles at gym entry.

DIVISION 22 - PLUMBING

A. Standard and ADA plumbing fixtures as shown on the plans.
B. New electric water heater for the (2) showers and hand washing.

DIVISION 23 – HVAC / MECHANICAL

A. New 20,000 CFM air handling unit with chilled water and hot water connections to the existing campus loop. (1) 46" ductsock approximately 200 ft. mounted at the apex of the gym roof with integral linear slot diffusers on both sides.
B. BASE BID: NEW DX heat pump unit to serve the classrooms, administration and locker room wing. All new ductwork and new exhausts system. DX system to be able to handle at least 20% outside air (AAON or equivalent).
   ALTERNATE 1: NEW Chilled water/hot water unit to serve the classroom, administration and locker room wing and new chilled water and hot water connections to the existing campus loop. All new ductwork and new exhaust system.

DIVISION 26 - ELECTRICAL

A. Reuse the existing building service entrance.
B. New electrical power throughout.
C. New lighting throughout including hybrid of indirect and direct fixtures in the gymnasium.
D. Standard classroom AV equipment.
E. Standard office IT connectivity.
F. New Voice Evacuation Fire Alarm System.

DIVISION 28 FIRE PROTECTION / SPRINKLERS

A. New fire protection sprinklers throughout.