

## **KINGSWOOD HIGH SCHOOL AND CTC**

CAMPUS STYLE

67 MILLION

THEATRE ARTS CENTER 20 MILLION (audi, band and chorus, art and English, team locker rooms in rear) This was used as the overflow during construction so it was built first. Team locker rooms have separate access; they are on back of building because they are close to fields.

Geothermal heating and cooling, 400 vertical wells, extracts heat during cooling and stores the heat than uses that heat in the winter.

Radiant heating in concrete floors

Every entrance has two doors to help conserve energy loss

Energy Control system uses outside air sensors, CO2 sensors, motion sensors, lighting controls with light harvesting as well.

180 web base cameras throughout the campus inside and outside

Badge system throughout for staff only

400 umbrellas to be used by students during rain and snow events

Polished concrete floors throughout Theatre Arts Center, they love them, they are durable and easy to maintain.

25 to 30 feet of matting everywhere, outside grate, vestibule grate and walk off matting, helps to cut down on floor maintenance and damage to finishes. (Dust mop and auto scrub for daily maintenance). Every 5 years have re-polished.

All valves above ceilings are marked on ceiling grid, and valve tag chart was provided as well.

All bathroom accessories are hands free (motion and audio)

Classrooms have 3 lighting levels (high, low, and lights off at the board)

Flat panel TV's in all rooms for broadcast of announcements, videos, etc.

No smoke detectors in any classrooms because all classrooms are fed by an AHU there are duct detectors in supply and return lines. This also cuts down on the amount of devices to be tested.

6 to 8 months prior to renovation start the cleaning house process and get rid of what is NOT needed.

Team locker rooms and PE locker rooms in High School, lots of extra lockers that all lock as well.

Weight room climate controlled and is open 5:30am to 7:00pm is used by students and staff.

Install only cold water at science stations it saves money. Have hot water at hand washing stations only. All eye wash stations should be tempered water and have a floor drain.

**Architect:** Corzilius Matuesezewski Krause

**Contractor:** Northbranch Coonstruction

Separate administration wing at entrance of school, parents do not need to go further than the front. Some staff feel isolated set up this way.

SRO: handles all cameras, doors, security of all buildings

In place of old auditorium: dance studio and media room

Make sure greenhouse is applicable to the North East

Rain water collection system consists of 3 / 20,000 gallon containers feeds toilets and irrigation, with back up town water supply.

Roofs: PVC on Theatre Arts Center      Rubber roof on High School

No Solar opportunities with local electrical provider.