

# KENT PULLEN REGIONAL COMMUNICATIONS & EMERGENCY COORDINATION CENTER



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## PROJECT DESCRIPTION

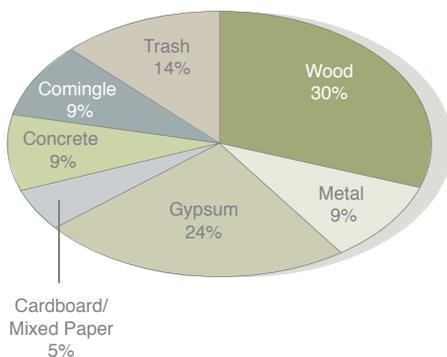
Kent Pullen Regional Communications and Emergency Coordination Center (RCECC) houses the King County Sheriff's Office 911 Center and the County's Office of Emergency Management, including the Emergency Operations Center. A survivable and essential facility, the building's primary objective is to function after a man-made or natural disaster. The facility includes 911 call-taking and police dispatch operation rooms, the emergency coordination room, training rooms, radio and telecommunications rooms, administrative offices and two on-site radio communications towers.

Survivable systems include two emergency generators with on-site diesel fuel tank, two HVAC air handlers, two boilers, two uninterruptible power systems, and on-site 15,000 gallon water tank.

Public art water features use collected rainwater and provide an amenity for a stressful work environment.

## DID YOU KNOW?

W.G. Clark and Waste Management teamed up with the goal of a high recycling rate for construction, demolition and land-clearing (CDL) waste. Source separated bins were provided on site for use by the contractor and subs. With strong commitment and good communication, the construction team recycled 86% of CDL waste and kept over 130 tons of material out of the landfill. The graphic below illustrates the breakdown of the recycled materials.



*“King County Government is committed to good building design that protects the environment while meeting the service needs of our citizens.”*

## GREEN DESIGN FEATURES

LEED™ Certified status is being achieved with-out a construction cost premium and without sacrifice to the facility's essential functions

### INNOVATION AND DESIGN PROCESS

**Flat Screen Monitors:** Used at all workstations, including four monitors each in 911 operations, these monitors save over 6% of the annual energy cost

**Education:** Interior spaces provide visibility of functions to observers while maintaining security

### SUSTAINABLE SITES

**Site Selection:** Project revitalizes the site of an old road construction training facility.

**Reduced Site Disturbance:** Open space is conserved for the life of the building. Many significant trees are retained on this wooded site, and over half the site is restored with native/adapted vegetation.

**Stormwater Management:** On-site ponds provide no increase in rate or quantity of runoff, increasing infiltration and eliminating contaminants.

**Reduce Heat Islands:** Light colored roof sur-faces help reduce cooling loads in the building.

### WATER EFFICIENCY

**Reduced Water Use:** High-efficiency irrigation equipment reduces potable water used for planting by 50%.

### ENERGY AND ATMOSPHERE

**Optimize Energy Performance:** Efficient mechanical and lighting systems and high-performance building envelope use over 25% less energy than the Washington State Energy Code. Raised floor air distribution contributes to worker comfort.

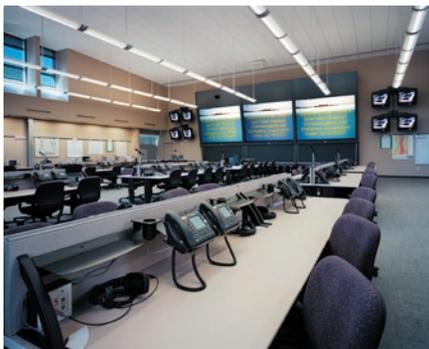
### MATERIALS AND RESOURCES

**Construction Waste Management:** 86% of construction and demolition waste was recycled.

**Recycled Content:** Structural steel was manufactured from over 97% recycled material.

### INDOOR ENVIRONMENTAL QUALITY

**Daylight and Views:** Natural lighting and views are provided to the majority of regularly occupied work areas, improving worker effective-ness and reducing lighting and cooling loads.



*“Sustainable design gives us better buildings and demonstrates good stewardship of financial and environmental resources.”*

– Kathy Brown, Manager, King County Facilities Management Division

<b>OWNER</b>	King County Department of Executive Services Facilities Management Division
<b>LOCATION</b>	3511 NE Second Street, Renton Washington 98056
<b>LEED™ RATING</b>	LEED™ Certified pending
<b>BUILDING TYPE</b>	County government 911 Call Center and Emergency Operations Center
<b>BUILDING AREA</b>	34,900 square feet
<b>SITE AREA</b>	5.67 acres
<b>CONSTRUCTION COST</b>	\$14.3 Million
<b>ARCHITECT</b>	Hewitt Architects with Ross Drulis Cusenbery Architecture
<b>CONTRACTOR</b>	W.G. Clark Construction Company
<b>CIVIL ENGINEER</b>	Penhallegon Associates Consulting Engineers, Inc.
<b>LANDSCAPE ARCHITECT</b>	Hewitt Architects–Landscape Architecture
<b>GEOTECHNICAL ENGINEER</b>	HWA Associates
<b>MECHANICAL ENGINEER</b>	The Greenbusch Group
<b>ELECTRICAL/ TELECOMMUNICATIONS AUDIO-VISUAL/SECURITY</b>	Sparling
<b>LIGHTING</b>	Candela
<b>COST ESTIMATOR</b>	C3 Management Group
<b>PUBLIC ART</b>	Gloria Bornstein and Fabrication Specialists



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