

From Strip Mall to Courthouse: Bringing Justice to the Community



From Strip Mall to Courthouse: Bringing Justice to the Community

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Course Description

The session will focus on the Richland County Central Magistrate Court in Columbia, SC and will be a comprehensive presentation by representatives of the users and designers covering the planning/programming, design, construction and operation of the facility. The Decker Center is a unique project involving the conversion of a former Kroger grocery store and strip mall into a new state of the art courthouse and Sheriff's substation. The speakers will address how the facility will revitalize the languishing Decker Boulevard commercial corridor and reinforce the courts ties to the community. Innovative features including community rooms and creative use of the parking for community events will be discussed. The budget and design challenges of the project will be presented including how the team addressed security and circulation issues as well as the aesthetic and functional challenges of creating a user oriented welcoming courthouse out of a former shopping center.

Learning Objectives

- 1. Understanding of the urban planning, economic and social issues related to engaging the courthouse with the local community and events.
- 2. Understanding of the technical challenges; unforeseen conditions; existing soils, slab, and structural issues; budget development for courthouse renovation projects.
- 3. Understanding of the structural, electrical and mechanical engineering requirements and renovations necessary to turn a strip mall into a courthouse.
- 4. Understanding of the physical/electronic security systems and circulation design in a one story existing building renovated for courthouse use.

From Strip Mall to Courthouse: Bringing Justice to the Community

Agenda

- 1. Richland County Magistrate Court
- 2. Master Planning and Programming
- 3. Design Phase Challenges and Innovations
- 4. Construction and Lessons Learned



110,000 SF, \$23,890,000 renovation of former strip mall into an eight courtroom Magistrates Court and Sheriff's facility in Columbia, SC.

- Judge Donald Simons, Richland County Magistrates Court
- Chloe Jaco, AICP CGL
- Chris Beard, AIA Boudreaux
- Rick Maciá, AIA CGL



THE DECKER CENTER

From Strip Mall to Courthouse: Bringing Justice to the Community

Richland County Magistrate Court
 Master Planning and Programming
 Design Phase Challenges and Innovations
 Construction and Lessons Learned



- Supreme Court
- Court of Appeals
- Trial Courts
 - Circuit Courts
 - Family Courts
 - Masters in Equity
 - Probate Courts
 - Magistrate Courts
 - Municipal Courts





SOUTH CAROLINA COURT SYSTEM

- Approximately 300 magistrates in South Carolina
- Appointed to four year terms by Governor upon advice and consent of the Senate
- Criminal trial jurisdiction over all offenses subject to a fine up to \$5,000 and/or 180 days imprisonment
- Responsible for setting bail, conducting preliminary hearings, issuing arrest and search warrants
- Civil jurisdiction up to \$7,500



SOUTH CAROLINA MAGISTRATE COURTS

2016	Civil Filed	Criminal Filed	Traffic Filed	GS	totals
Central Court	141	1236	25750		27127
Columbia	1598	709	457		2764
Denstsville	5395	3	0		5398
Dutch Fork	5869	599	44		6512
Lyklesand	3968	215	64		4247
Upper Township	1682	364	447		2493
Olympia	540	1287	182		2009
Pontiac	1125	855	485		2465
Waverly	3148	590	3		3741
Eastover	186	220	108		514
Hopkins	792	273	223		1288
Blythewood	823	287	212		1322
					59880
Bond Court		3861	2441	5303	11605
Prelim Court		16	1	4204	4221

Annual caseload – 59,880 files in trial courts

Jury trials cases processed – 2,568

Preliminary Hearing Requests for 4,221 cases

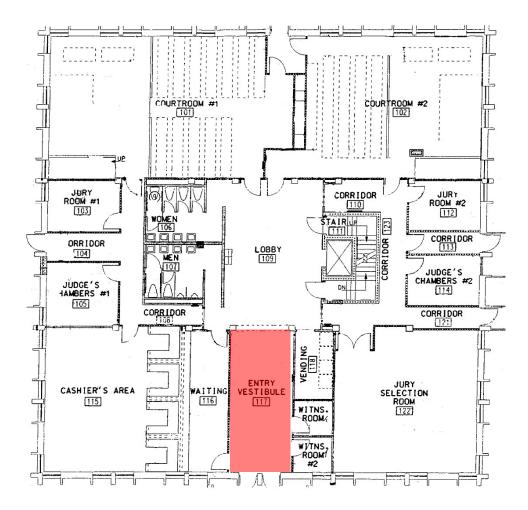
Set Bond on 11,790 cases

SOUTH CAROLINA MAGISTRATE COURTS

- Not originally designed as courthouse
- Significant space shortfalls for all users
- No secure prisoner circulation
- No secure judges circulation
- No waiting space for most courtrooms
- Insufficient jury assembly space
- No room for expansion
- Inadequate security screening space and queuing
- Low ceilings, outdated finishes



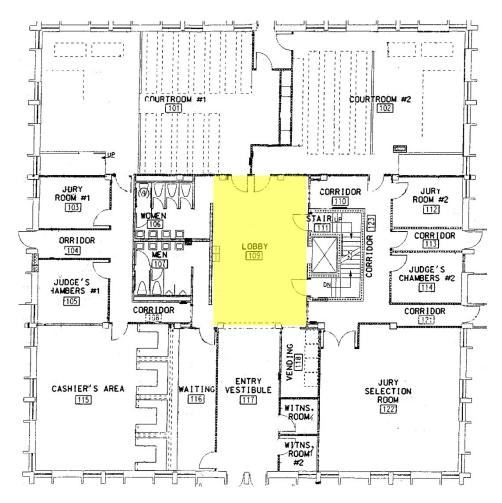
1st Floor Entry Screening





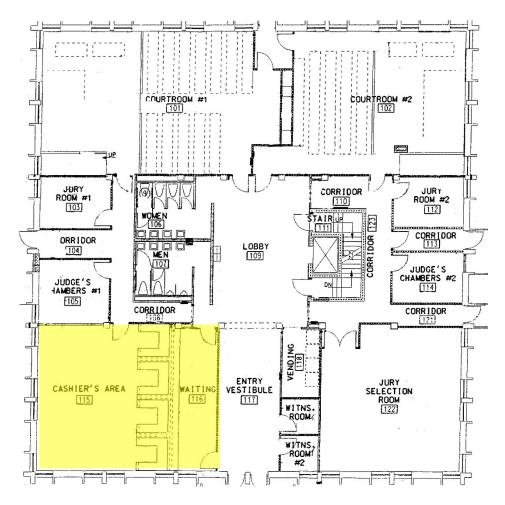


1st Floor Lobby / Waiting





Service Counters / Support Space





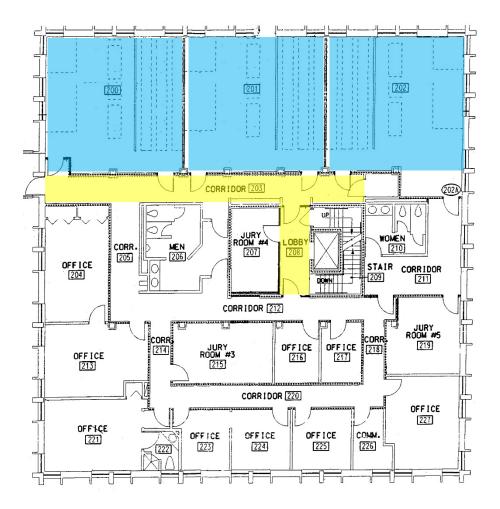


1st Floor Courtrooms





2nd Floor Courtrooms





Richland County Sheriff

- Region 2
- Civil Process
- Court Liaison/Internal Affairs/Body Worn Camera Program
- Warrant Division
- Special Response Team
- Code Enforcement
- Fugitive Task Force



RICHLAND COUNTY SHERIFF

From Strip Mall to Courthouse: Bringing Justice to the Community

Richland County Magistrate Court
 Master Planning and Programming
 Design Phase Challenges and Innovations
 Construction and Lessons Learned



2007

Decker Corridor Study

Richland County Space Utilization Study 2010

DHEC & DSS Space Utilization Study



Decker Center Remodel Project for Central Court & Sheriff

6 6 Success occurs when opportunity *meets preparation* Zig Ziglar **9 9**

PLANNING / OPPORTUNITY TIMELINE

Decker renaissance plan The Lawrence Group 2007

on

Firm (No Intervention Needed)

Consider Intervention

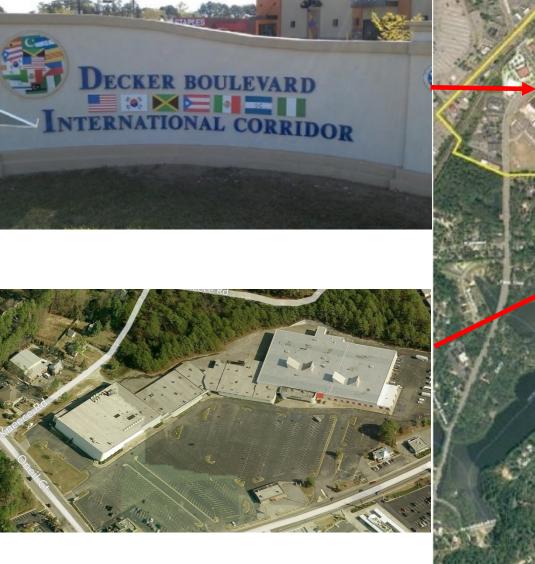
Ripe for Intervention

2007 DECKER BOULEVARD INTERNATIONAL CORRIDOR





2007 DECKER BOULEVARD INTERNATIONAL CORRIDOR



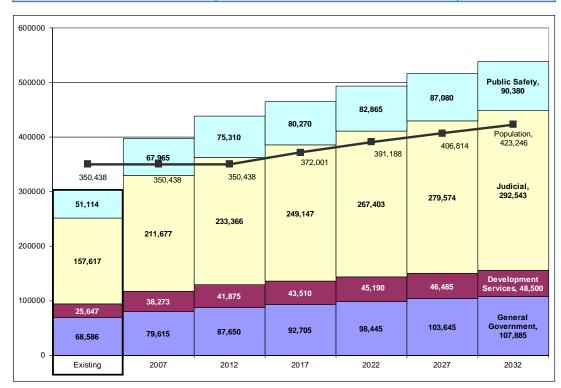


2007 DECKER BOULEVARD INTERNATIONAL CORRIDOR

2007

- Project
 needs for
 47 functions,
 6 facilities
- Identify short
 & long range
 plan
- Prioritizeprojects

		General
Facility/Site	Recommended Use	Condition
County Administration	Continue for County government	Good
Emergency Services HQ	Relocate ES & use for storage	Poor
Judicial Center	Relocate judicial & non-judicial	Fair-Good
Central Court	Relocate judicial & reuse/sell	Fair
Sheriff HQ	Relocate Sheriff & reuse	Fair
Public Works HQ	Relocate Animal Care & expand	Fair



2007 COUNTY SPACE UTILIZATION STUDY

2010

Project space needs

Assess feasibility to relocate from Administration Building to strip mall

Cabago / Paradisart			Space			% Chg./
	C ategory/Department		2010	2020	2030	Year
Department of Social Services	Administration	2,374	2,060	2,060	2,060	-0.7%
	Legal Services	1,904	2,000	2,450	2,700	2.1%
	Fiscal	10,364	5,800	6,000	6,400	-1.9%
	Human Resources Management	150	175	175	175	0.8%
cia	Job Development	745	1,200	1,450	1,700	6.4%
f Sc	SNAP	6,476	6,290	6,310	6,640	0.1%
nt o	Family Independence	3,660	6,060	6,390	6,720	4.2%
mei	Foster Care	2,650	3,250	3,470	3,690	2.0%
art	Investigations and Foster Home Licensing	1,804	3,690	4,130	4,460	7.4%
Dep	Treatment and Adult Protective Services	1,548	3,060	3,280	3,500	6.3%
	Support Space	5,442	8,050	8,650	9,050	3.3%
	Medicaid	4,525	5,250	5,500	6,050	1.7%
	Wateree Community Action Council ¹	250	250	250	250	0.0%
	DSS, Medicaid, & WCAC Total	41,892	47,135	50,115	53,395	1.4%
	Administration	· · ·			· .	
	Administration	4,230	4,500	4,650	4,800	0.7%
	Centralized Appointing	186	300	400	500	8.4%
	Information Technology	820	1,120	1,250	1,430	3.7%
	Purchasing/Central Supply/Mail	2,680	2,820	2,950	3,080	0.7%
	Dental Clinic	1,320	1,380	1,690	2,020	2.7%
	Home Health	400	800	900	1,100	8.8%
0	Vital Records	480	500	600	600	1.3%
ontr	Public Health Preparedness	2,294	2,610	3,000	3,260	2.1%
I C	Environmental Health	2,610	2,625	3,525	3,800	2.3%
enta	Medical Services					
ШШ	Disease Intervention Specialists	1,284	1,170	1,430	1,690	1.6%
/irol	Epidemiology/Disease Surveillance	300	390	520	780	8.0%
En	Pharmacy Services	1,320	1,380	1,480	1,710	1.5%
and	Adult and Children's Health Services					
th	Medical Records	5,760	5,300	5,500	5,700	-0.1%
Heal	Preventive Health Services					
of ŀ	Health Education	625	560	920	1,280	5.2%
ent	Immunizations/Employee Health	1,620	1,440	1,620	1,930	1.0%
т	Women & Children's Services					
Department of Health and Environmental Control	Women, Infants, and Children (WIC)	3,752	4,430	4,870	5,310	2.1%
	Babynet	1,075	1,180	1,490	1,670	2.8%
	Community Outreach	280	400	600	800	9.3%
	Children with Special Health Care Needs	3,396	2,040	2,370	2,730	-1.0%
	Nurse Family Partnership/First Steps	1,064	1,040	1,300	1,560	2.3%
	Adult Health Services					
	Family Planning/STD/HIV	6,350	3,670	4,030	4,390	-1.5%
	Tuberculosis (TB)	2,680	1,920	2,180	2,440	-0.4%
	DHEC Total	44,526	41,575	47,275	52,580	0.9%
	Grand Total	86,418	88, 710	97,390	105,975	1.1%

Source: Richland County DSS & Health Department and CGL, February 2011.

2010 DHEC & DSS SPACE STUDY



- Revitalize strip mall
- Remodel space for Central Court & Sheriff Functions
- Initial project budget \$21.5 million



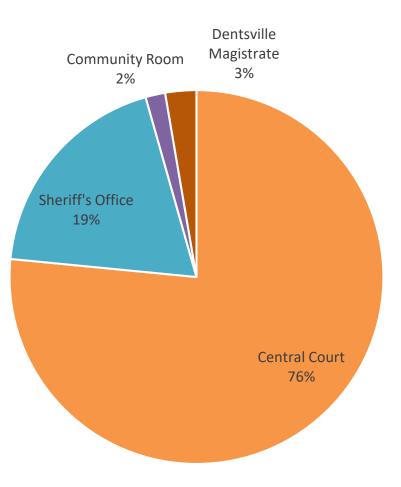
2011 DECKER CENTER REMODEL PROJECT

The Foundation of Value: A Sound Architectural Program and Concept Plan Tell You

The 10-Point Checklist				
✓ Facility Mission	✓ Net & gross square feet			
 Planned & Future Court Spaces 	✓ Functional Relationships			
 Trend & Technology Application 	✓ Project Budget			
✓ Operational Statements	 Design/Construction Schedule 			
✓ Security Concept	✓ Staffing Plan/Operating Budget			

PROGRAMMING AND USER INPUT PROCESS

Code	Component	Net Square Feet	Departmental Grossing Factor SF	Total DGSF
	Central Court	58,089	18,763	76,852
1.000	Court Building Support	7,720	1,284	9,004
2.000	Central Court	36,160	12,656	48,816
3.000	Court Staff	10,770	3,494	14,264
4.000	Sheriff - Court Security	3,439	1,328	4,767
	Sheriff's Office	14,184	4,964	19,148
5.000	Sheriff - Region 2 Substation	3,404	1,191	4,595
6.000	Sheriff - Warrants	1,960	686	2,646
7.000	Sheriff - Fugitives	1,915	670	2,585
8.000	Sheriff - Cold Case	1,905	667	2,572
9.000	Sheriff - Juvenile Arbitration	1,910	669	2,579
10.000	Sheriff - Logistics	3,090	1,082	4,172
	Community Room	1,265	443	1,708
11.000	Community Room	1,265	443	1,708
	Dentsville Magistrate	2,098	600	2,698
	Total Square Feet	75,636	24,770	100,406



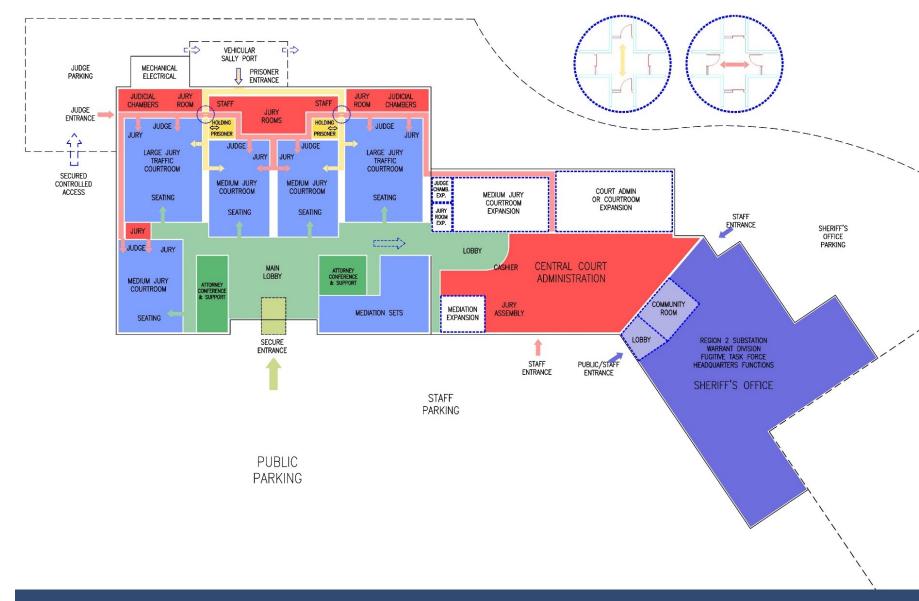
Source: CGL; September 2012

DECKER CENTER INITIAL SPACE PROGRAM

Highlights

- 8 Courtrooms (2 Large, 4 Medium)
- 12 Mediation Rooms
- 8 Judicial Chambers
- 7 Visiting Judicial Workstations
- Jury Assembly (200 Persons)
- 5 Cashier Counters
- Court Administration (25 Staff)
- Court Holding (8 Individual & 4 Group Cells)

DECKER CENTER INTIAL SPACE PROGRAM

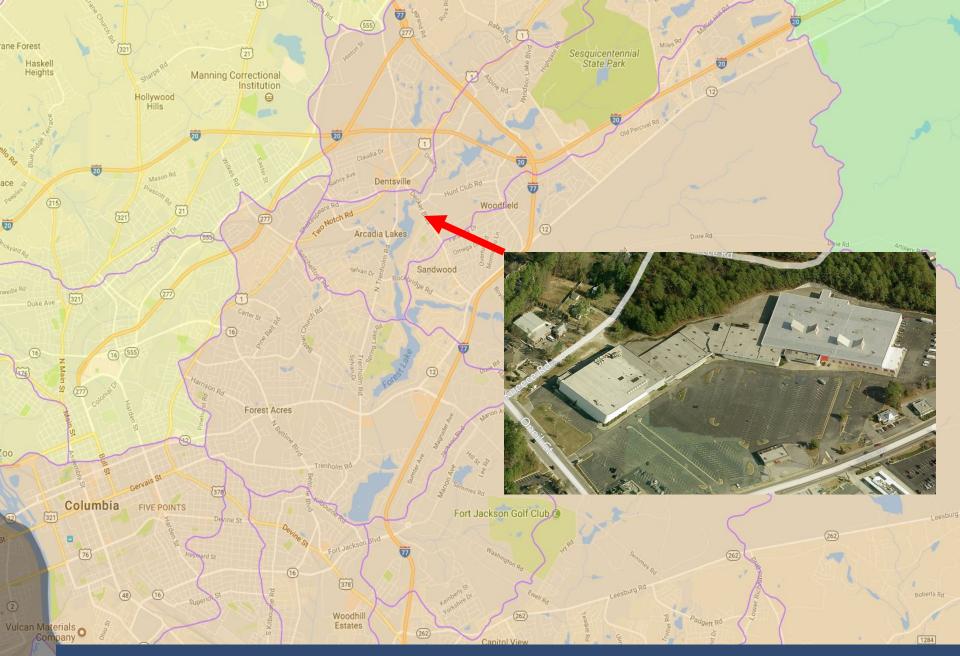


INITIAL SITE CONCEPT

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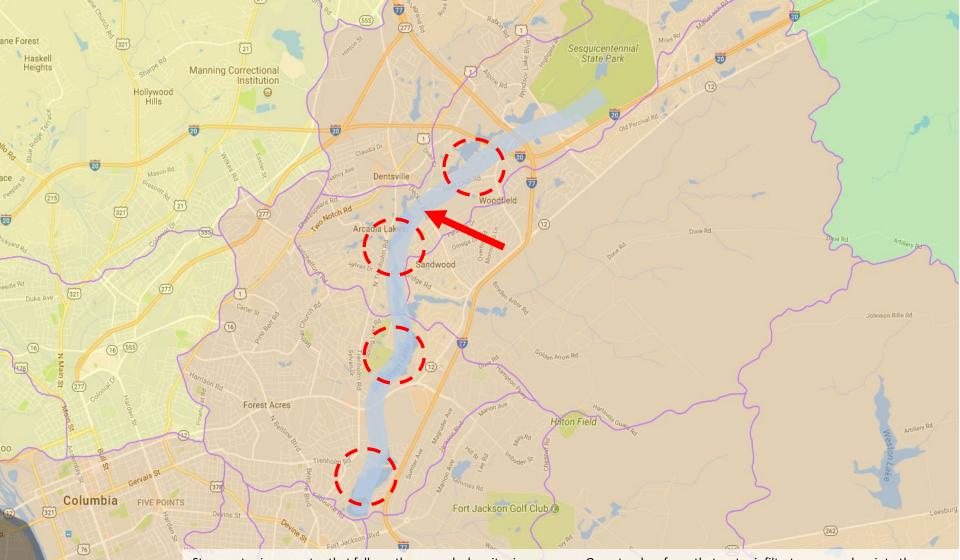
- 1. Richland County Magistrate Court
- 2. Master Planning and Programming
- 3. Design Phase Challenges and Innovations
- 4. Construction and Lessons Learned





EXISTING SITE – STORMWATER RUNOFF

Arthurtown



(48)

Arthurtown

Vulcan Materials

Company

Stormwater is any water that falls on the ground when it rains or snows. On natural surfaces that water infiltrates—or soaks—into the ground; but on paved surfaces, it becomes surface runoff. Surface runoff either flows to the nearest pond or stream, or it flows into an inlet such as a storm drain. Any pollution on the ground is carried away by the runoff, and because <u>stormwater runoff and the water</u> <u>flowing into storm drains is not treated</u>, the pollution ends up in our local waterways. That polluted water affects the aquatic life and our ability to use the water for recreational and industrial purposes.

Eastmont

EXISTING SITE – STORMWATER RUNOFF



The mission of the Gills Creek Watershed Association is to restore and protect the Gills Creek Watershed by uniting citizens, government, organizations, and business.

STORMWATER RUNOFF - COMMUNITY INPUT MEETING



STORMWATER RUNOFF - STRATEGIES

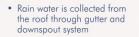
RICHLAND COUNTY DECKER CENTER SUSTAINABILITY AND STORMWATER MANAGEMENT DESIGN FEATURES

"Richland County Government is dedicated to implementing sustainable practices that protect the environment, grow our economy, and continuously improve infrastructure as well as community bonds throughout our County. Investments in sustainability today will pay significant dividends to taxpayers for years to come through a cleaner environment, healthier communities, and a more fiscally sound county government."

Jamelle H. Ellis, Ph.D.

Sustainability Manager for Richland County Government

For more information, please visit www.rcgov.us



- Collected water is piped to a concrete water storage tank
- Collected water is used to irrigate the landscape in the parking lot
- Reduces rain water runoff into a storm sewer system
- · Reduces facility use of the local water system
 - · Rain water from the parking lot is collected by the site storm sewer system

RAIN WATER

CATCHMENT

SYSTEMS

- Rain water passes through the stormwater quality unit where solid and floating debris is separated, thereby filtering rain water
- Filtered water is released into the storm sewer system
- Solid and floating debris mechanically removed from the stormwater quality unit
- Improves water runoff quality



 Limits rain water runoff into storm sewer system

site

by the soil

 Improves water quality and provides natural watering of plants

RAIN GARDEN

- Pervious concrete allows rain water to pass through to sub-grade
- Rock base below acts as a filtering system
- Filtered rain water is piped into storm sewer system
- Reduces rain water runoff and improves water run off quality

PERVIOUS CONCRETE PAVING



STORMWATER QUALITY UNITS



RICHLAND COUNTY 101



EXISTING SITE – SECURITY CONCERNS

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1.12

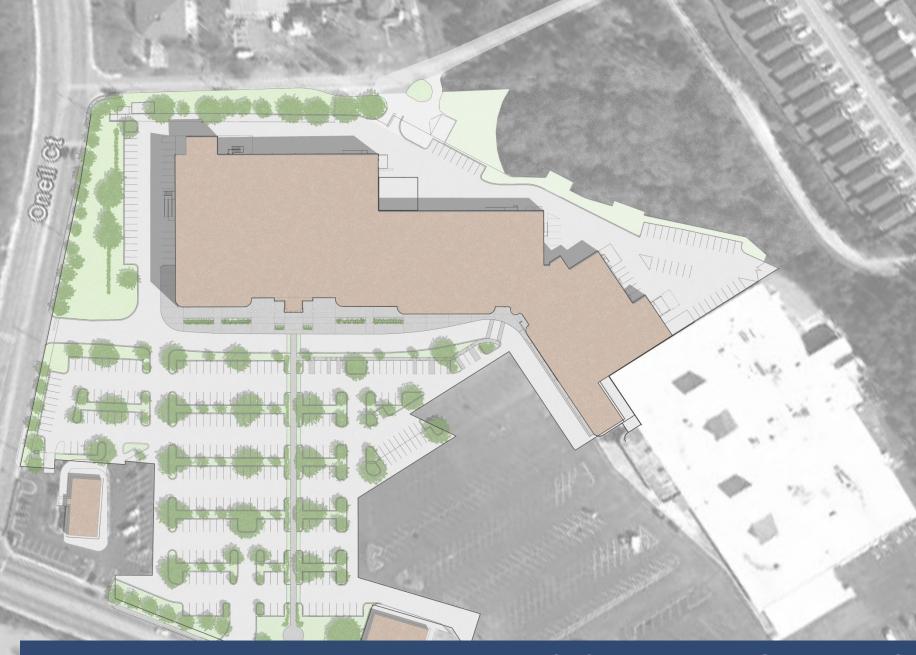
EXISTING SITE – SECURITY CONCERNS

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EXISTING SITE – SECURITY CONCERNS

Oneil of

1218



SECURITY IMPROVEMENTS



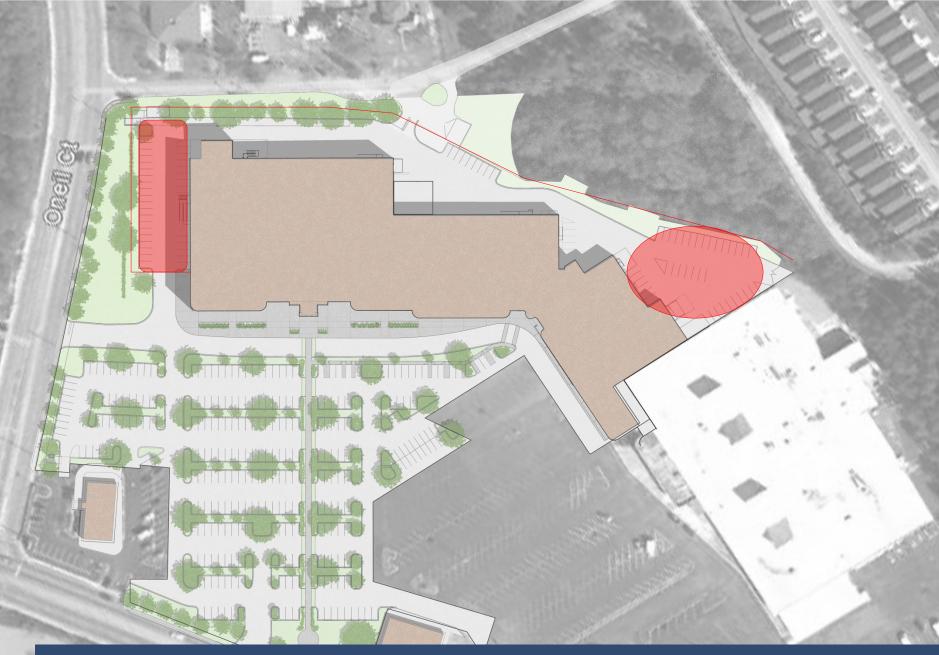
SECURITY IMPROVEMENTS – NO DIRECT DRIVE TO BUILDING



SECURITY IMPROVEMENTS – PLAZA AND DRIVE BUFFER



SECURITY IMPROVEMENTS – SECURE GATES AND FENCING



SECURITY IMPROVEMENTS – DESIGNATED PARKING



SECURITY IMPROVEMENTS – PRISONER SALLYPORT



COMMUNITY INPUT MEETING

URBAN RENEWAL & REVITILZATION

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URBAN RENEWAL & REVITILZATION

"Well the revitalization of the business corridor in the middle of that community--it just enhances property values, it provides additional businesses, places for people to eat, recreate and make the purchases they need closer to their community," Manning said. "We want the revitalization."

URBAN RENEWAL & REVITILZATION



URBAN RENEWAL & REVITILZATION



162

COMMUNITY USE

- AL



PUBLICALLY AVAILABLE COMMUNITY ROOM

Decker Boulevard

Richland County's International Corridor

Block Party

* *

RICHLAND "INTERNATIONAL FLAVORS" ON DECKER



RICHLAND "INTERNATIONAL FLAVORS" ON DECKER



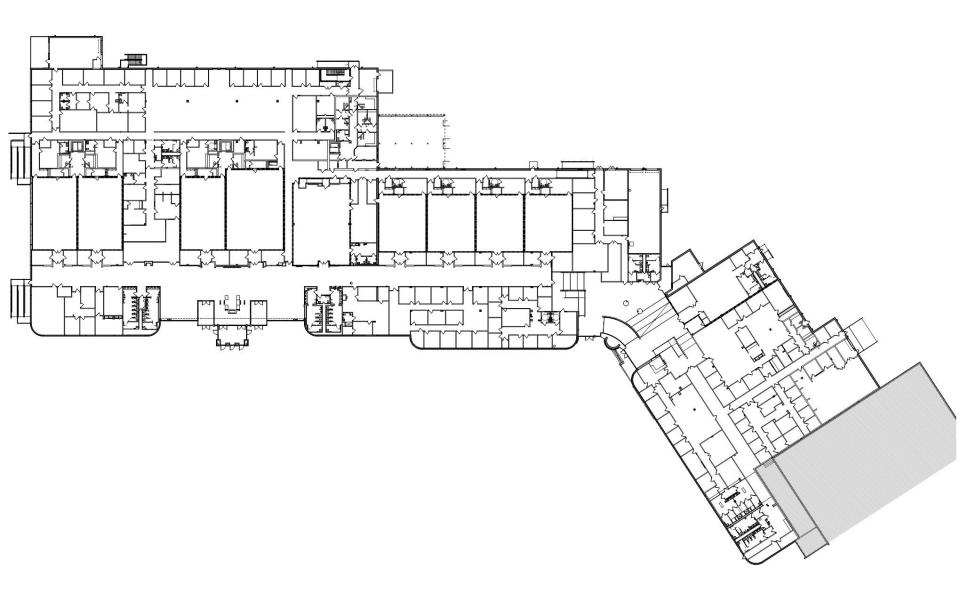
D&T FASHIONS

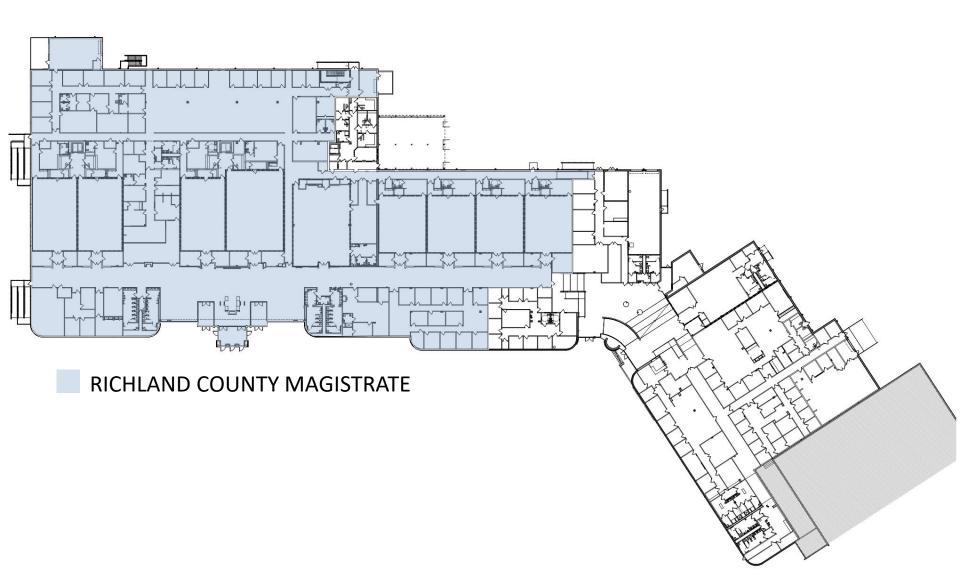


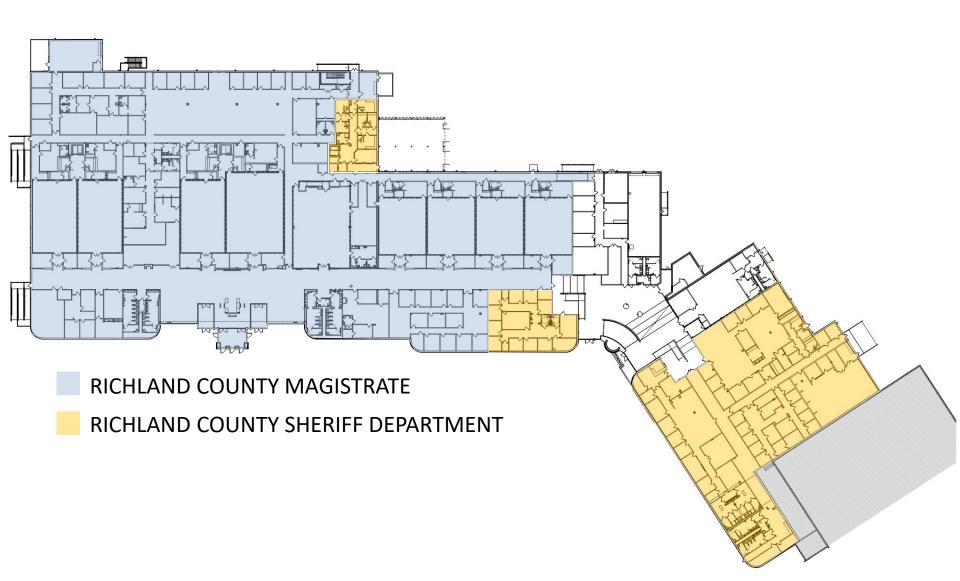


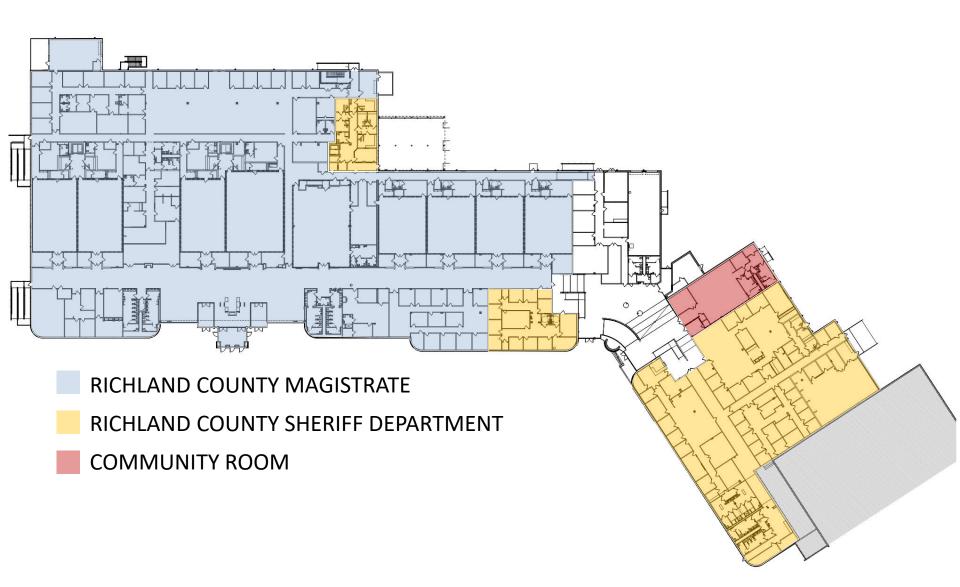
REVITALIZED BUILDING CHARACTER

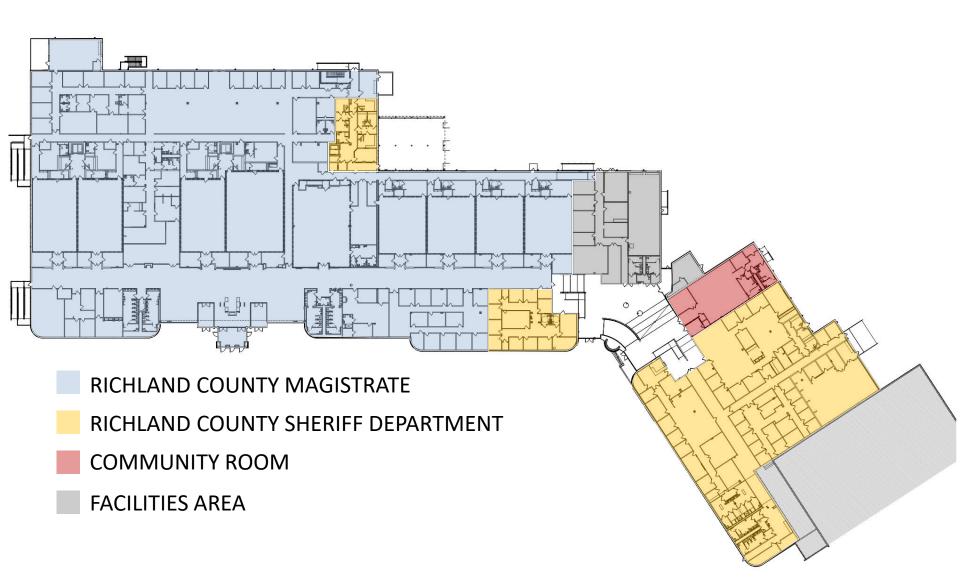














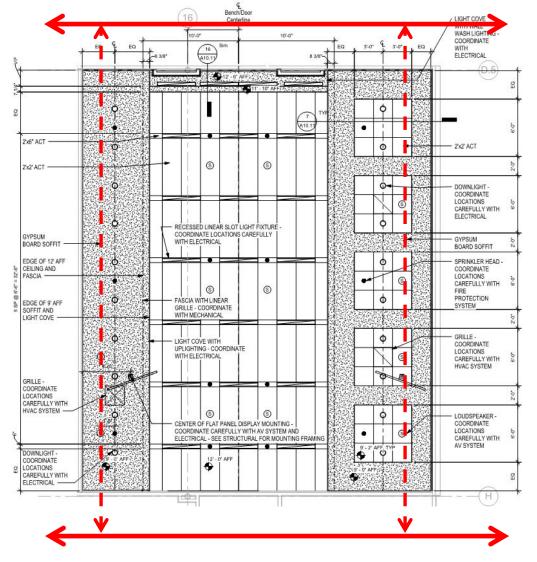


EXISTING BIG BOX STRUCTURE CLEARANCE OF 21'-0" A.F.F. EXISTING STRIP MALL STRUCTURE CLEARANCE OF 12'-6" A.F.F.

STRUCTURAL HEIGHT



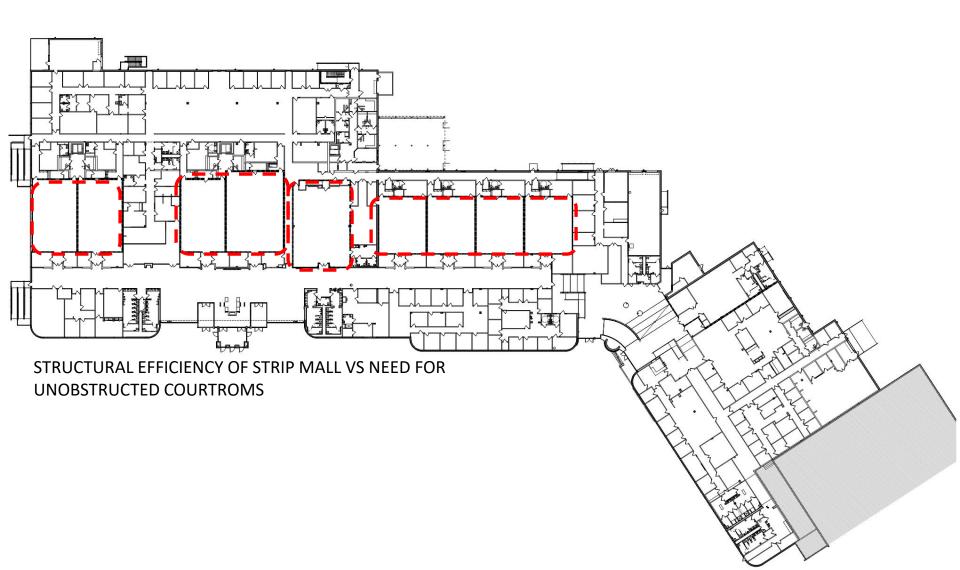
EXISTING BIG BOX STRUCTURE CLEARANCE OF 21'-0" A.F.F.



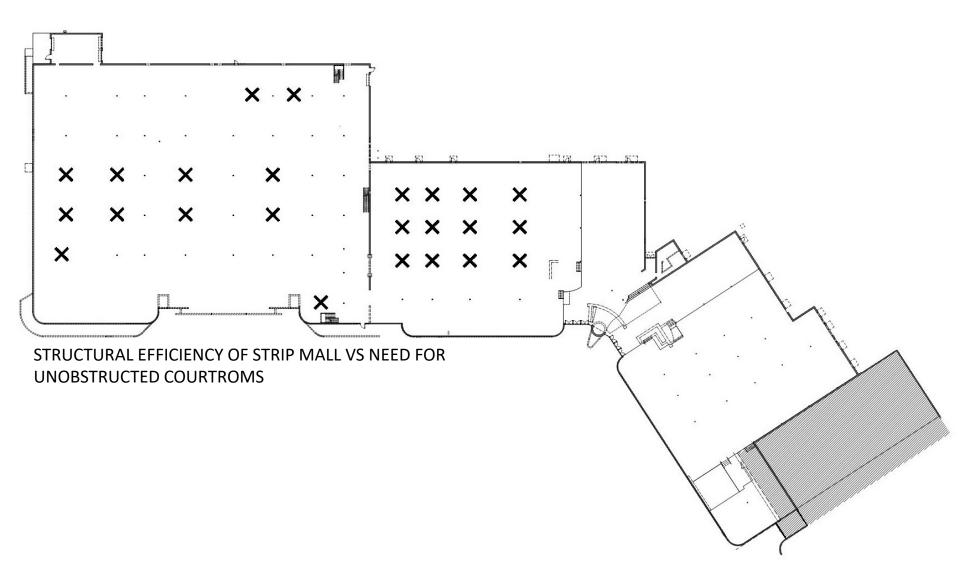


EXISTING STRIP MALL STRUCTURE CLEARANCE OF 12'-6" A.F.F.

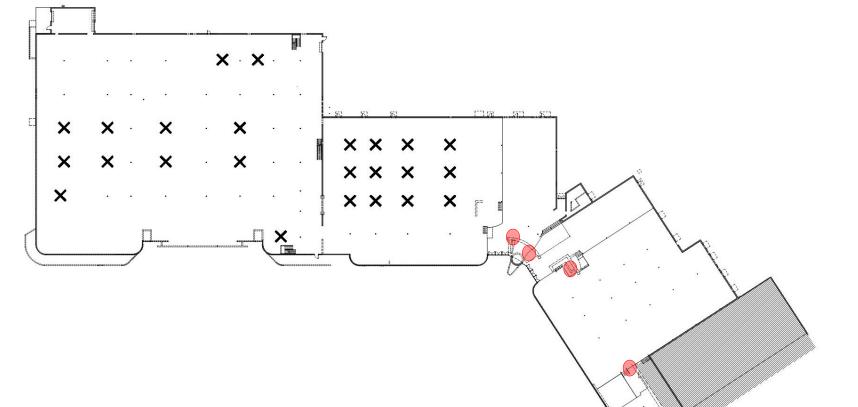
STRUCTURAL HEIGHT



COLUMN BAYS



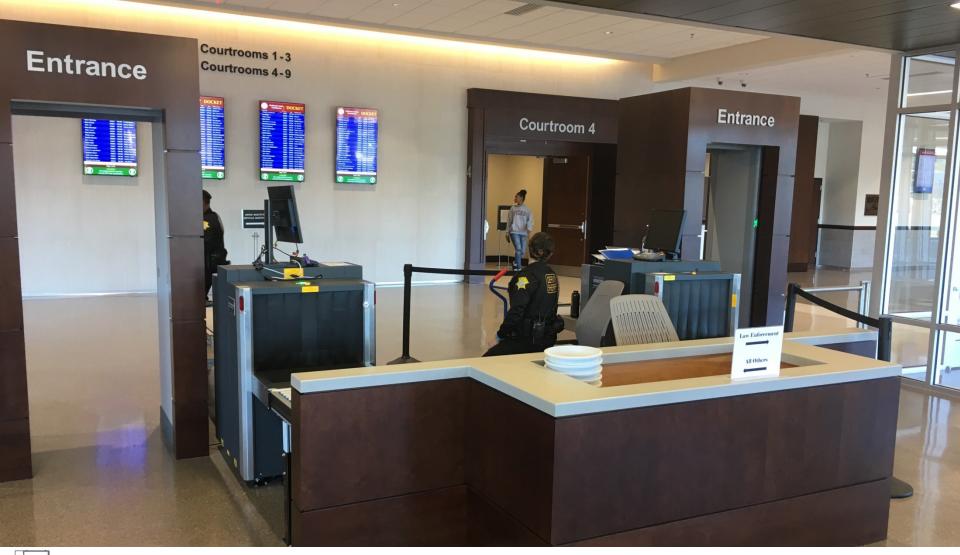
COLUMN BAYS

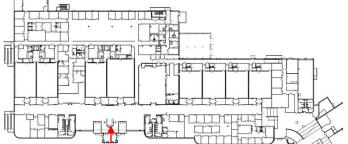




EXISTING FLOOR LEVEL CHANGES

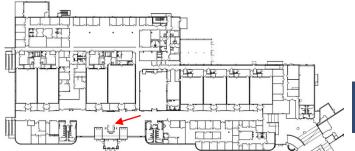






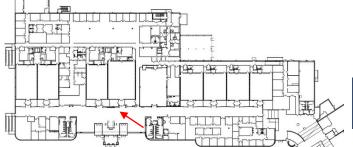








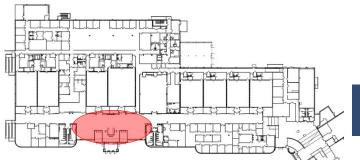














Colors:

Color A

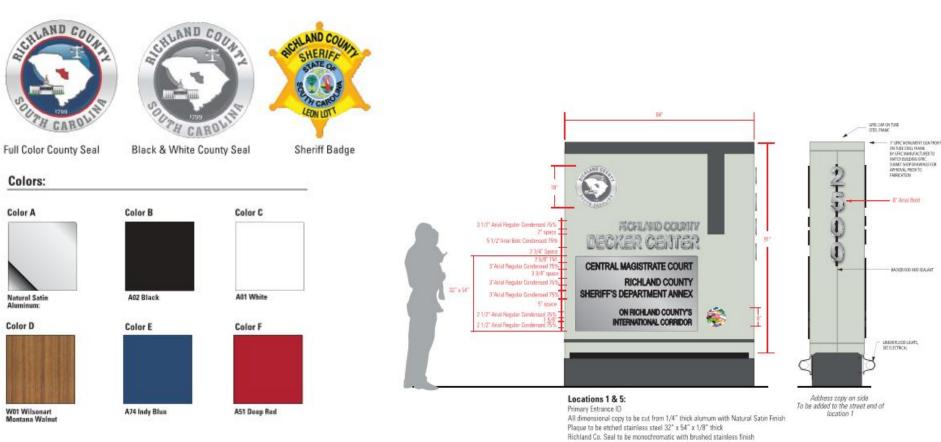
Natural Satin

W01 Wilsonart

Montana Walnut

Aluminum:

Color D





Sign Type B2C

Natural Satin Alumin

Holder Profile / Finish: Square / Natural Satin Alumi Holder SI:n: 85/8" x 81/4" Screened top insert / ADA non-tipped bottom insert In Usa Charavabile Sitting Insert Holder Profile / Finish: Squar Holder Size: 8 5/8" x 6 1/4" Screened Top Insert / ADA Tipped bottom Insert

Sign Type B4A



Sign Type B5 Payment Bay ID FullView F Series Sign Type B4B

Holder Profile / Finish: Square / Natural Satin Alaminum Holder Size: 6 1/8" x 6 1/4" Screened top insert / ADA non-tipped bottom insert

3

Overall Size: 18" x 1/8" thick International corridor seal to be full color, overall size 8" diameter, 1/8" thick

WAYFINDING SIGNAGE



RICHLAND COUNTY DECKER CENTER

CENTRAL MAGISTRATE COURT

RICHLAND COUNTY SHERIFF'S DEPARTMENT ANNEX

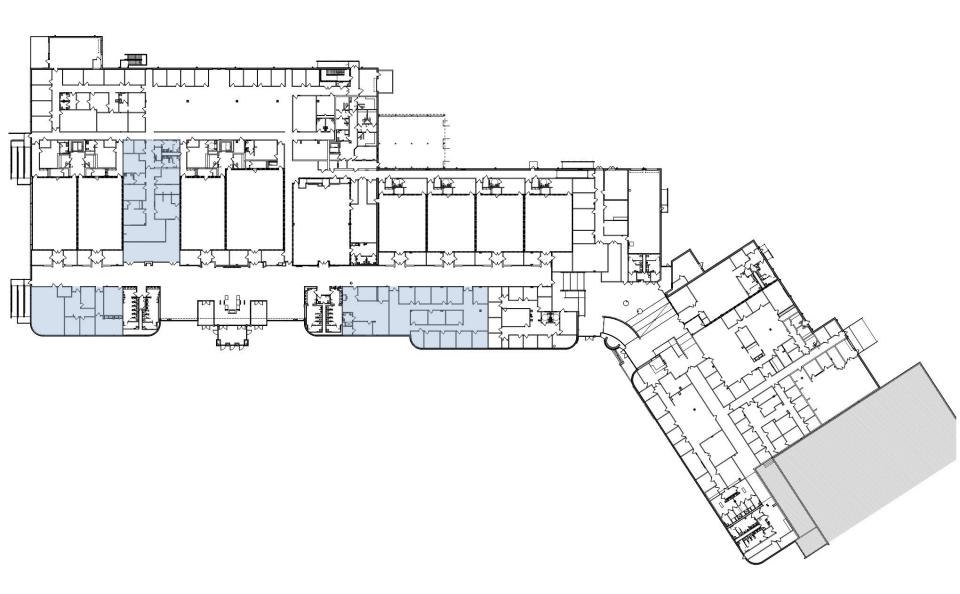
> ON RICHLAND COUNTY'S INTERNATIONAL CORRIDOR



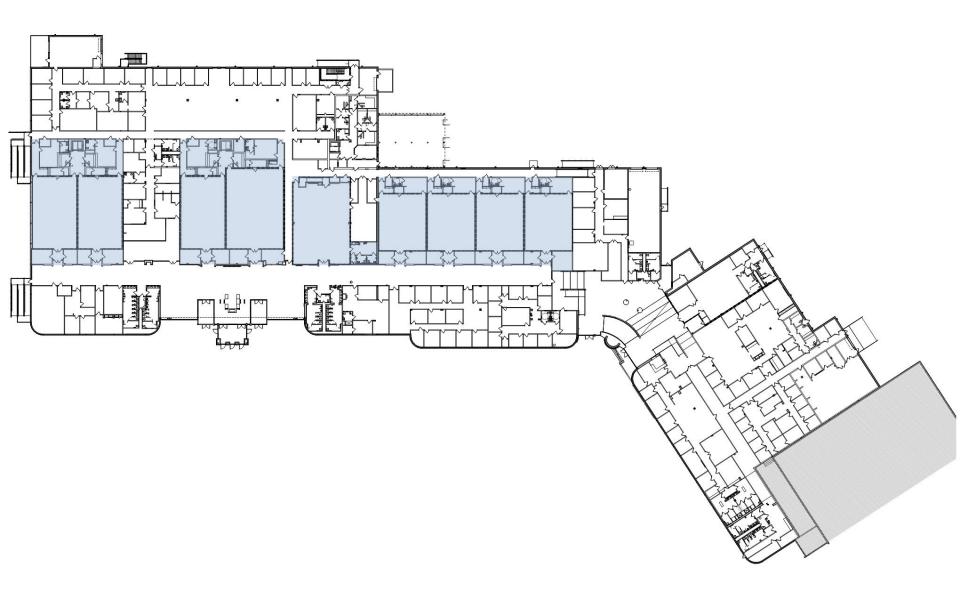
WAYFINDING SIGNAGE



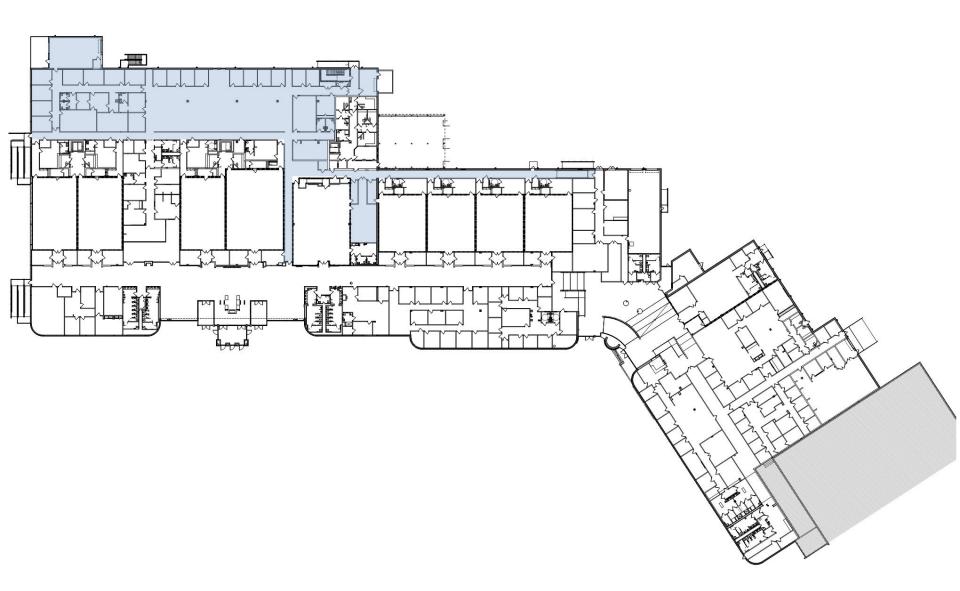
WAYFINDING SIGNAGE



PUBLIC SERVICE / SUPPORT AGENCIES / MEDIATION ROOMS



COURTROOMS / JURY ASSEMBLY



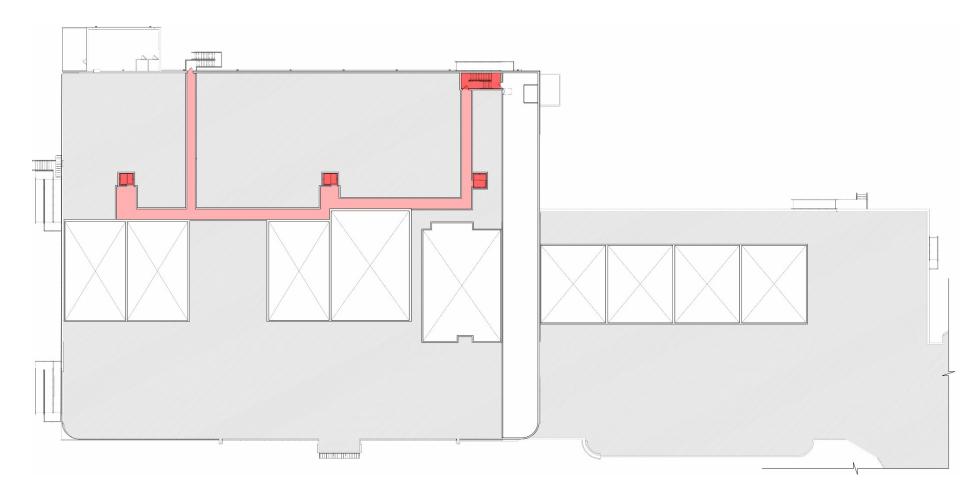
JUDGES CHAMBERS / COURT ADMINISTRATION

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IN-CUSTODY AREAS – INTITIAL DESIGN



IN-CUSTODY AREAS – FINAL DESIGN



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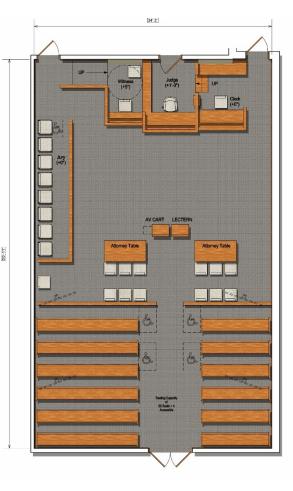
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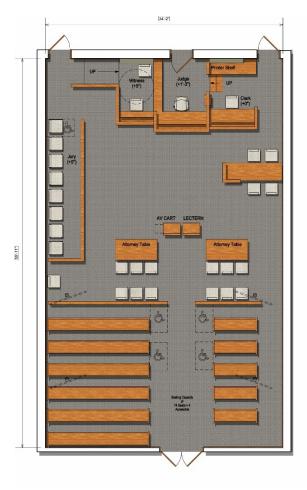


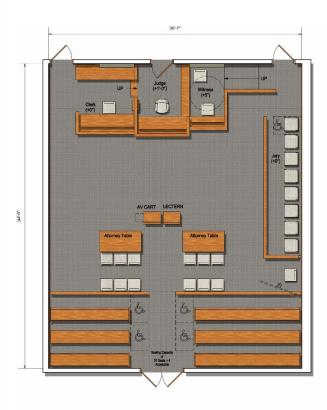


LARGE COURTROOM









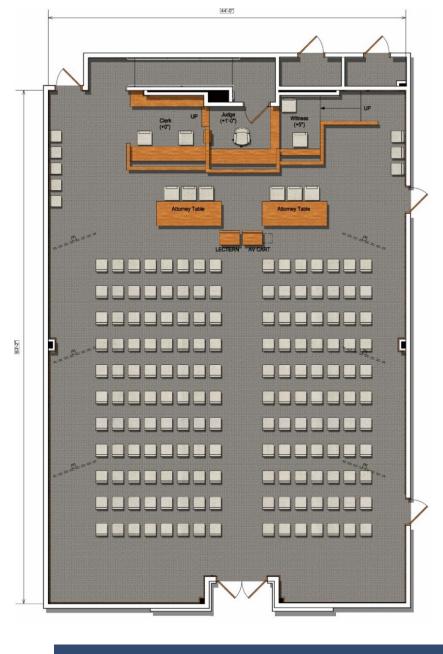
STANDARD AND SMALL COURTROOMS







COURTROOM MOCKUP







JURY ASSEMBLY



JURY ASSEMBLY

From Strip Mall to Courthouse: Bringing Justice to the Community

- 1. Richland County Magistrate Court
- 2. Master Planning and Programming
- 3. Design Phase Challenges and Innovations
- 4. Construction and Lessons Learned



- Mock up bring more equipment than needed
- Mock up insist all parties who will use the courtrooms be involved in the mock up process

LESSONS LEARNED – MOCK UP PROCESS

-



SUBURBAN STRIP MALL = EFFICIENT STRUCTURAL DESIGN QUICK CONSTRUCTION LOW COST CONSTRUCTION MATERIALS

1980'S STRIP MALL CONSTRUCTION

 With that came a 6 mil vapor barrier under the existing slab that had deteriorated



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SITTING UNCONDITIONED FOR 8+ YEARS

HIGH MOISTURE CONTENT IN SLAB



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- HIGH MOISTURE CONTENT IN SLAB
- MOLD/MILDEW EVERYWHERE
- FURTHER EVIDENCE OF MOISTURE CONCERNS



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RENOVATING TO A NEW USE WITH A MUCH HIGHER EXPECTED QUALITY LEVEL

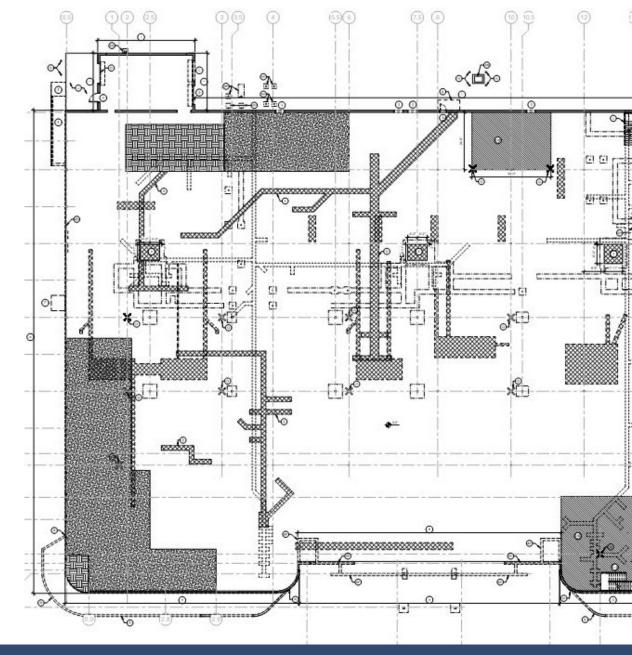


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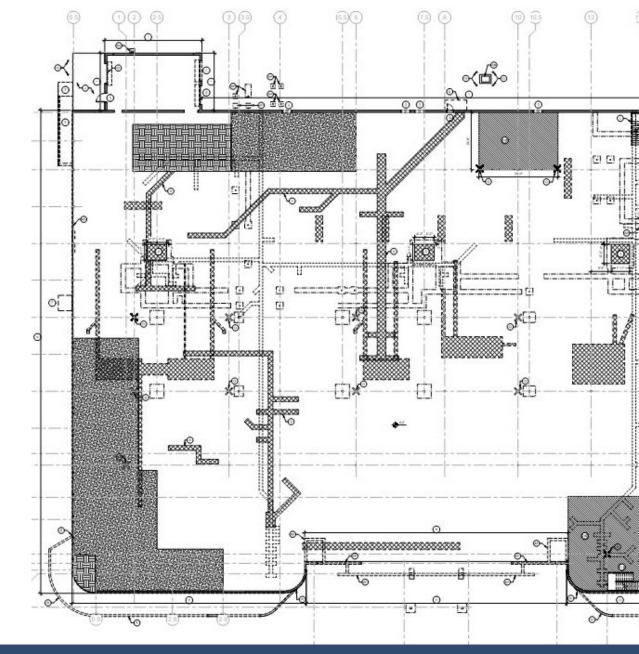
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REQUIREMENT FOR AN EXCESSIVE AMOUNT OF SLAB TRENCHING AND SLAB REPAIR

BIG QUESTION

TO DEMO THE SLAB OR TO NOT DEMO THE SLAB....

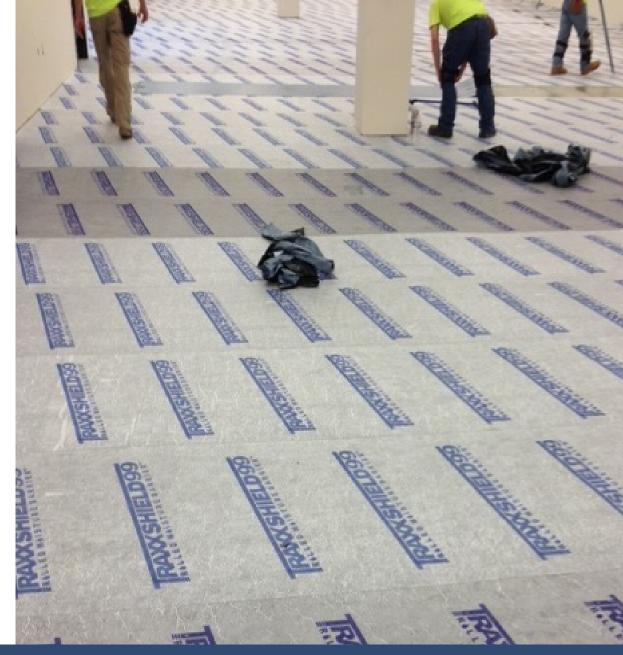


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LESSONS LEARNED – STRIP MALL CONSTRUCTION QUALITY

1. 10. 100

\$176,000 OF WATER PROOFING MEMBRANE WAS NEEDED TO KEEP THE PROJECT ON SCHEDULE DUE TO HIGH MOISTURE CONTENT IN THE SLAB



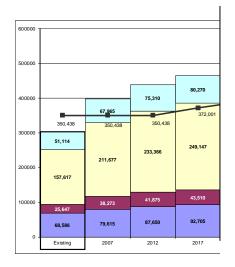
Conventional Multi-purpose Room

Parking Lot / Community Festival Jury Assembly / Commission Chamber / Courtroom



MULTI-USE SPACES – THINK OUTSIDE THE BOX

Success occurs when opportunity meets preparation





Decker Corridor Study

Richland County Space Utilization Study

Category/Department		Space				% Chq./
		Existing	2010	2020	2030	Year
Department of Social Services	Administration	2,374	2,060	2,060	2,060	-0.7%
	Legal Services	1,904	2,000	2,450	2,700	2.1%
	Fiscal	10,364	5,800	6,000	6,400	-1.9%
	Human Resources Management	150	175	175	175	0.8%
	Job Development	745	1,200	1,450	1,700	6.4%
	SNAP	6,476	6,290	6,310	6,640	0.1%
	Family Independence	3,660	6,060	6,390	6,720	4.2%
	Foster Care	2,650	3,250	3,470	3,690	2.0%
	Investigations and Foster Home Licensing	1,804	3,690	4,130	4,460	7.4%
	Treatment and Adult Protective Services	1,548	3,060	3,280	3,500	6.3%
	Support Space	5,442	8,050	8,650	9,050	3.3%
	Medicaid	4,525	5,250	5,500	6,050	1.7%
	Wateree Community Action Council ¹	250	250	250	250	0.0%
	DSS, Medicaid, & WCAC Total	41,892	47, 135	50,115	53,395	1.4%
ealth and Environmental Control	Administration					
	Administration	4,230	4,500	4,650	4,800	0.7%
	Centralized Appointing	186	300	400	500	8.4%
	Information Technology	820	1,120	1,250	1,430	3.7%
	Purchasing/Central Supply/Mail	2,680	2,820	2,950	3,080	0.7%
	Dental Clinic	1,320	1,380	1,690	2,020	2.7%
	Home Health	400	800	900	1,100	8.8%
	Vital Records	480	500	600	600	1.3%
	Public Health Preparedness	2,294	2,610	3,000	3,260	2.1%
	Environmental Health	2,610	2,625	3,525	3,800	2.3%
	Medical Services					
	Disease Intervention Specialists	1,284	1,170	1,430	1,690	1.6%
	Epidemiology/Disease Surveillance	300	390	520	780	8.0%
	Pharmacy Services	1,320	1,380	1,480	1,710	1.5%
	Adult and Children's Health Services					
	Medical Records	5,760	5,300	5,500	5,700	-0.1%
	Preventive Health Services					



DHEC & DSS Space Utilization Study





Decker Center Remodel Project for Central Court & Sheriff

LESSONS LEARNED – FLEXIBLE APPROACH

LESSONS LEARNED – WHEN OPPORTUNITY KNOCKS......







From Strip Mall to Courthouse: Bringing Justice to the Community