



DUVAL COUNTY UNIFIED COURTHOUSE FACILITY

JACKSONVILLE, FLORIDA

PROJECT TEAM

OWNER: CITY OF JACKSONVILLE
 GENERAL CONTRACTOR: TURNER CONSTRUCTION COMPANY
 ARCHITECT: KBJ ARCHITECTS, INC.
 STRUCTURAL ENGINEER: McVEIGH & MANGUM ENGINEERING, INC.
 MEP ENGINEER: TLC ENGINEERING FOR ARCHITECTURE, INC.
 CIVIL ENGINEER: CSI: CIVIL SERVICES INC.
 LANDSCAPE ARCHITECT: FLAGG DESIGN STUDIO, LLC.

PROJECT INFO

COST: \$224 MILLION
 BUILDING SIZE: 798,000 S.F.
 LEVELS: 7 LEVELS; ALL ABOVE GRADE
 CONSTRUCTION DATES: MAY 2009 - MAY 2012
 DELIVERY: DESIGN-BUILD

ARCHITECTURE

- ❑ AESTHETICS FOLLOW NEOCLASSICAL STYLE THROUGH USE OF A SYMMETRICAL LAYOUT, A PEDIMENT-THEMED ENTRANCE, AND DOMINANT COLUMN USE
- ❑ SEVEN LEVELS WITH VARIOUS OCCUPANCY TYPES
 - ◆ LEVEL 1: OFFICE SPACE, DETENTION AREA, PARKING
 - ◆ LEVEL 2: 51 TOTAL COURTROOMS AND ADDITIONAL ASSEMBLY AND OFFICE SPACES
 - ◆ LEVEL 3: OFFICE AND HEARING SPACES
- ❑ FACADE IS DOMINATED BY LIMESTONE ARCHITECTURAL PRECAST CONCRETE ELEMENTS SUCH AS PANELS AND COLUMNS AND VERTICAL STRIPS OF GLAZING.



STRUCTURAL

- ❑ AUGER CAST PILES 55' FEET FOR TYPICAL FOUNDATION OR 70' FOR LATERAL PILES WITH C.I.P. REINFORCED CONCRETE PILE CAPS AND GRADE BEAMS
- ❑ C.I.P. REINFORCED CONCRETE COLUMNS, BEAMS, AND JOISTS SUPPORT ELEVATED C.I.P. REINFORCED CONCRETE SLABS
- ❑ SHEAR WALLS FROM LATERAL PILES TO ROOF LEVELS AT STAIRWELLS AND ELEVATOR SHAFTS
- ❑ ROOF SUPPORTED BY EITHER C.I.P. CONCRETE JOISTS OR STEEL BEAMS/COLUMNS

ELECTRICAL/ LIGHTING

- ❑ ELECTRIC SERVICE PROVIDED BY JEA PUBLIC UTILITY COMPANY WITH 4 TRANSFORMERS (2500 KVA)
- ❑ EMERGENCY GENERATOR ON SITE (1875 KVA)
- ❑ LIGHTING IS PRIMARILY FLUORESCENT T8, T5, OR CFL
- ❑ ADDITIONAL EXTERIOR LIGHTING IS METAL HALIDE

MECHANICAL

- ❑ 25 AIR HANDLING UNITS (3300-50000 CFM) THAT ARE MOSTLY VAV SYSTEMS WITH TERMINAL VAV BOXES
- ❑ 16 TWO/FOUR PIPE FAN COIL UNITS IN VARIOUS LOCATIONS
- ❑ HOT WATER PROVIDED BY TWO BOILERS OF 13390 MBH OUTPUT
- ❑ CHILLED WATER SUPPLIED BY JEA PUBLIC UTILITY COMPANY
- ❑ FIRE PROTECTION IS SERVED BY COMBINATION STANDPIPES WITH WET AND DRY PIPE SYSTEMS CONNECTED TO BUILDING FIRE ALARM SYSTEM