

MOUNTAIN STATE BLUE CROSS BLUE SHIELD HEADQUARTERS PARKERSBURG, WV



PROJECT TEAM

OWNER: WOOD COUNTY DEV. AUTHORITY

ARCHITECT: BURT HILL

STRUCTURAL: ATLANTIC ENGINEERING SERVICES

CIVIL: CTL ENGINEERING

CONTRACTOR: G. A. BROWN

MEP

2 ROOF TOP UNITS PROVIDING AIR AT 65000 CFM TO VAV BOXES WHICH CONDITION INTERIOR SPACES

SEVERAL ROOMS UTILIZE A SPLIT SYSTEM A/C UNIT

MAIN DISTRIBUTION PANEL IS 277/480 V
3 PHASE 4 WIRE 4000A BUSS SYSTEM

UNINTERRUPTIBLE POWER SUPPLY WITH 60 MIN. BATTERY BACKUP

STRUCTURAL

STRUCTURAL STEEL FRAMING WITH 3.25" LW CONC. SLAB ON 2" STEEL COMPOSITE DECK

FOUNDATION SYSTEM: 4" SLAB ON GRADE WITH CAISSONS

4 BRACED FRAMES RESIST LATERAL LOADS

TYPICAL BAY SIZE: 30' X 30'

ARCHITECTURE

OPEN FLOOR PLAN

FLR. TO FLR. HT.: 13'-4"

EXTERIOR BRICK VENEER WITH LARGE GLASS CURTAIN WALL SITS WELL IN DOWNTOWN PARKERSBURG

ROOF HOUSES MECHANICAL EQUIPMENT WITH SURROUNDING SCREEN WALL

BUILDING STATISTICS

SIZE: 128,496 SQ. FT.

HEIGHT: TOP OF STEEL 67' ~ 6.5"

COST: 18 MILLION (GMP)

DELIVERY METHOD: DESIGN BID BUILD



DOMINIC MANNO
STRUCTURAL OPTION

<http://www.engr.psu.edu/ae/thesis/portfolios/2009/dam336/>