MODEL HIGH SCHOOL
PRESSBOX

ROME, GEORGIA

FOR:

FLOYD COUNTY SCHOOLS
ROME, GEORGIA

ROBERTSON / LOIA / ROOF
ARCHITECTS & ENGINEERS - ALPHARETTA, GEORGIA
RLR PROJECT NO. 17-167

PROJECT:	MODEL HIGH SCHOOL PRESSBOX		
ADDRESS:	3252 CALHOUN RD NE, ROME, GA 30161		
PRIMARY OCCUPANCY:	GROUP "E" - EDUCATIONAL		
OWNER/CONTACT:	FLOYD COUNTY SCHOOLS		
PROJECT NUMBER:	17-167		
DESIGNER OF RECORD:	ROBERTSON LOIA ROOF PC 3460 PRESTON RIDGE ROAD / SUITE ALPHARETTA, GEORGIA 30005		
DISCIPLINE	NAME	LICENSE	PHONE NO.
ARCHITECTURAL	DUANE ROOF	4038	770/674-2600
ELECTRICAL	SCOTT WALKER	24903	770/674-2600
MECHANICAL	NIMIR DESAI	036083	770/674-2600

HANDICAPPED: ANSI 117.1, ADA & ADAAG

LIFE SAFETY SYSTEMS: EMERGENCY LIGHTING AND EXIT SIGNS
FIRE ALARM AND SMOKE DETECTION SYSTEMS
PANIC HARDWARE
NFPA 13 FIRE SPRINKLER SYSTEM

FIRE REQUIREMENTS: NFPA 101

DEAD END LIMIT (MAX. CONDITION): 50 FEET
TRAVEL DISTANCE TO EXIT MAX. CONDITION: 200 FEET
LEVEL EXIT DISCHARGE FROM ALL AREAS

DESIGN LOADS: THE BUILDING STRUCTURE DESCRIBED IN THESE PLANS SHALL BE CONSTRUCTED IN COMPLIANCE WITH 2012 IBC WITH ALL GEORGIA AMENDMENTS.

GRAVITY LOADS
DEAD LOADS:
PER PRE-ENGINEERED BUILDING MANUFACTURER

LIVE LOADS:
ROOF: 20 PSF

SNOW LOADS:
GROUND SNOW LOAD (Pg): 5 PSF
BALANCED ROOF SNOW LOAD (Pf+RAIN): 10.5 PSF
SNOW EXPOSURE FACTOR (Ce): .9
SNOW IMPORTANCE FACTOR (Is): 1.1
THERMAL FACTOR (Ct): 1.0

WIND LOADS ULTIMATE LOADS:
BASIC WIND SPEED (3 SEC. GUST): 120 MPH
RISK CATEGORY: III
EXPOSURE CATEGORY: B
INTERNAL PRESSURE (GCpi): +/-0.18

SEE ASCE-7 FOR COMPONENT & CLADDING LOADS BASED ON TRIBUTARY AREAS FOR INDIVIDUAL ELEMENTS

SEISMIC DESIGN CRITERIA:
SEISMIC IMPORTANCE FACTOR (Ie): 1.25
RISK CATEGORY: III
MAPPED SPECTRAL RESPONSE ACCELERATIONS:
Ss: 0.322g S1: 0.112g
SITE CLASS: D (ASSUMED PER IBC 2012)
S(DS): 0.331g S(D1): 0.176g
SITE COEFFICIENT
Fa = 1.543 Fv = 2.351
SEISMIC DESIGN CATEGORY: C
BASIC SEISMIC FORCE RESISTING SYSTEM:
PER PRE-ENGINEERED BUILDING MANUFACTURER

SOIL BEARING CAPACITY PER REPORT: 2,500 psf

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ARCHITECTURAL
A1.1 PRESSBOX PLANS, SECTIONS, ELEVATIONS, AND DETAILS

MECHANICAL
M1.1 HVAC-FLOOR PLANS

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E1.1 ELECTRICAL PLAN

DATE: 09-7-2017

17-167 MODEL HIGH SCHOOL PRESSBOX

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