

DAWSON COUNTY COLLEGE AND CAREER ACADEMY

(FACILITY NO. 642-0198)

STATE CAPITAL OUTLAY PROJECT NO. PENDING

DAWSONVILLE, GEORGIA

FOR:

DAWSON COUNTY SCHOOLS

DAWSONVILLE, GEORGIA



ROBERTSON LOIA ROOF

ARCHITECTS & ENGINEERS

RLR PROJECT NO. 17-303

PROJECT: DAWSON COUNTY COLLEGE AND CAREER ACADEMY
 ADDRESS: 1665 PERIMETER ROAD, DAWSONVILLE, GA
 PRIMARY OCCUPANCY: GROUP "E" - EDUCATIONAL
 OWNER / CONTACT: DAWSON COUNTY SCHOOLS
 PROJECT NUMBER: 17-303
 FTE: 1,625
 DESIGNER OF RECORD: ROBERTSON LOIA ROOF PC
 3460 PRESTON RIDGE ROAD / SUITE 275
 ALPHARETTA, GEORGIA, 30005

ACCESSIBILITY: ADA ACCESSIBILITY CODE
 LIFE SAFETY SYSTEMS: EMERGENCY LIGHTING AND EXIT SIGNS
 EXIT REQUIREMENTS: NFPA 101
 DEAD END LIMIT (MAX. CONDITION): 50 FEET
 TRAVEL DISTANCE TO EXIT (MAX. CONDITION): 200 FEET
 LEVEL EXIT DISCHARGE FROM ALL AREAS

DISCIPLINE	NAME	LICENSE NO.	PHONE
CIVIL	TAYLOR ROBERTSON	8318	770/674-2600
ARCHITECTURAL	DIJANE ROOF	4038	770/674-2600
ELECTRICAL	SCOTT WALKER	24903	770/674-2600
PLUMBING	NIMIR DESAI	36083	770/674-2600
MECHANICAL	NIMIR DESAI	36083	770/674-2600
STRUCTURAL	ALFRED MCPETERS	25834	770/674-2600
FIRE ALARM	SCOTT WALKER	24903	770/674-2600

DEAD LOADS: ROOF LIVE LOAD: 20 PSF
 WIND: 120 MPH
 SNOW: 5 PSF GROUND SNOW LOAD
 SEISMIC: RISK CATEGORY: III
 SITE CLASS: D (PER GEOTECH REPORT)
 S(DS) = 0.258
 S(D1) = 0.161
 SEISMIC DESIGN CATEGORY = C
 BUILDING FRAME SYSTEM W/
 INTERMEDIATE MASONRY SHEAR WALLS
 R=4.0

SOIL BEARING CAPACITY PER REPORT: 2,500 PSF

BUILDING DATA:
 ADDITION AREA: 35,800 SF
 BUILDING TYPE: 2 STORY
 LEVELS: EDUCATIONAL
 OCCUPANCY:

IBC CONSTRUCTION TYPE: IIB (UNPROTECTED)
 NFPA A220 CONSTRUCTION TYPE: I(100)
 SPRINKLERED: YES
 SPRINKLER DESCRIPTION: NFPA 13

GENERAL NOTES:
 1. UNLESS OTHERWISE INDICATED, ANY NOTE, DETAIL, OR FEATURE INDICATED FOR THE CONDITIONS SHOWN SHALL BE APPLICABLE FOR ALL ALIKE AND SIMILAR CONDITIONS.
 2. PROVIDE BULLNOSE CORNERS IN PARTITIONS WHERE WALL MOUNTED ITEMS ARE SCHEDULED TO BE MOUNTED.
 3. ALL EXTERIOR CORNERS ARE BULLNOSE CMU FROM 8" AFF TO CEILING HEIGHT.
 4. ALL CONCEALED JOINTS IN CMU MASONRY SHALL BE STRUCK FLUSH WITH THE FACE OF THE UNITS. ALL EXPOSED JOINTS SHALL BE TOOLED TO A CONCAVE PROFILE.

BUILDING AREA (PER STATE FACILITIES FORMULA)						
BUILDING AREA = 35,800 S.F. (NEW ADDITION ONLY)						
FTE = 1,625 STUDENTS						
TOTAL IU = 74 IUs (EXIST.) + 11 IUs (NEW) = 85 IUs						
FUNDING BY LOCAL EFFORT - REQUIRED CORE AREAS (PER STATE FACILITIES GUIDELINES)						
KITCHEN AND SUPPORT AREA						
REQUIRED	4,000 S.F.					
PROVIDED	(EXISTING) 4,090 S.F.					
DINING AREA						
REQUIRED	6,190 S.F.					
PROVIDED	(EXISTING) 10,500 S.F.					
MEDIA CENTER AREA						
REQUIRED	6,000 S.F.					
PROVIDED	(EXISTING) 4,815 S.F. (APPROVED W/ WAIVER)					
REQUIRED MINIMUM PLUMBING FIXTURES (PER STATE FACILITIES GUIDELINES)						
25 STUDENTS PER IU (NEW ADDITION ONLY)						
25 x 11 IUs = 275 STUDENTS						
	140 GIRLS		140 BOYS		WATER COOLERS	
FIXTURE	W.C.	LAVS	W.C.	URINALS	LAVS	
REQUIRED	4	2	3	3	2	3
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MAY 7, 2018

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