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PROJECT SUMMARY				
LOCAL EFFORT G.D.O.E. FACILITY #: TO BE ASSIGNED SCHOOL CODE: TO BE ASSIGNED				
LOCATION: 2971 NE HIGHWAY 20, CONYERS, GA 30012				
BUILDING AREA				
FIRST FLOOR	71,152 GSF			
SECOND FLOOR	37,379 GSF			
TOTAL AREA	108,531 GSF			
COVERED AREAS (I.E. CANOPIES)				
COVERED AREAS	5,186 SF			
DIVIDE (+) BY 2	+2			
TOTAL AREA	2,593 SF			
INSTRUCTIONAL UNITS:				
ROOM	# OF I.U.S	CATEGORY		
CLASSROOMS	45	CLASSROOM		
PAIRED FLEX SPACES	2	CLASSROOM		
ART	1	ART		
MUSIC	1	MUSIC		
PHYSICAL EDUCATION	1	PE		
MEDIA CENTER	1	MEDIA		
TOTAL	51	I.U.		
FULL-TIME ENROLLMENT CALCULATION: 800				
CODE SUMMARY				
A. SIZE	108,531 GSF			
B. HEIGHT	35'-0" (TWO STORIES)			
C. STRUCTURE	TYPE II-B (STEEL FRAME WITH CONCRETE SLAB ON GRADE AND COMPOSITE CONCRETE ELEVATED SLAB)			
D. OCCUPANCY	E - EDUCATIONAL			
APPLICABLE CODES				
ALL CONSTRUCTION DESCRIBED IN THESE DRAWINGS SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE FOLLOWING CODES:				
INTERNATIONAL BUILDING CODE	-2012 EDITION WITH 2015 GEORGIA AMENDMENTS			
NFPA LIFE SAFETY CODE	-2012 EDITION WITH 2015 GEORGIA AMENDMENTS			
INTERNATIONAL MECHANICAL CODE	-2012 EDITION WITH 2015 GEORGIA AMENDMENTS			
INTERNATIONAL FUEL GAS CODE	-2012 EDITION WITH 2015 GEORGIA AMENDMENTS			
INTERNATIONAL PLUMBING CODE	-2012 EDITION WITH 2015 GEORGIA AMENDMENTS			
NFPA NATIONAL ELECTRICAL CODE	-2014 EDITION			
INT. ENERGY CONSERVATION CODE	-2009 EDITION WITH 2011 & 2012 GEORGIA AMENDMENT			
(ICC) REFERENCING ASHRAE/IES 90.1	-2007 EDITION			
INTERNATIONAL FIRE CODE	-2012 EDITION 2014 GEORGIA AMENDMENTS			
GEORGIA EROSION AND SEDIMENTATION ACT OF 1975, SIXTH EDITION, 2014 TITLE 25 OCGA FIRE PROTECTION AND SAFETY & TITLE 30 OCGA GEORGIA ACCESSIBILITY CODE				
REQUIREMENTS BASED ON OCCUPANCY				
	INTERNATIONAL BUILDING CODE		NFPA 101 LIFE SAFETY CODE	
	SECTION	REMARKS	SECTION	REMARKS
A. OCCUPANCY CLASSIFICATION	305	GROUP E - EDUCATIONAL	6.1.3	EDUCATIONAL
B. TYPE OF CONSTRUCTION	601	TYPE II-B		
C. ALLOWABLE FLOOR AREAS	503 AND 506	54,375 SF (INCLUDES SPRINKLER AND FRONTAGE INCREASE)		
ALLOWABLE HEIGHTS	503	55(B) FEET 2(B) STORIES		
REQUIREMENTS BASED ON CONSTRUCTION TYPE				
	INTERNATIONAL BUILDING CODE		NFPA 101 LIFE SAFETY CODE	
	SECTION	REMARKS	SECTION	REMARKS
A. TYPE OF CONSTRUCTION	601	TYPE II-B		
B. FIRE PROTECTION REQUIREMENTS	601			
STRUCTURAL FRAME		0-HR		
FLOOR CONSTRUCTION		0-HR		
ROOF CONSTRUCTION		0-HR		
BEARING WALLS		0-HR		
NON-BEARING WALLS		0-HR		
C. ALLOWABLE AREA OF EXTERIOR OPENINGS	705.8.1 (2)	UNLIMITED UNPROTECTED OPENINGS		
D. FIRE WALLS	706.4 (a)	2-HR		
E. SHAFT AND VERTICAL EXIT ENCLOSURES	713.4	1-HR		
G. STANDPIPE SYSTEM	905.3.1	NOT REQUIRED		

MEANS OF EGRESS				
	INTERNATIONAL BUILDING CODE		NFPA 101 LIFE SAFETY CODE	
	SECTION	REMARKS	SECTION	REMARKS
A. FIRE SEPARATIONS				
CORRIDORS			14.3.6 (2.a)	SMOKE RATED
EXITS			7.1.3.1	1-HR
B. EGRESS DISTANCES				
MAX TRAVEL DISTANCE			14.2.6.3	200'-0"
MAX COMMON PATH OF TRAVEL			14.2.5.3.1	100'-0"
MAX DEAD END CORRIDOR			12.10.1	30'-0"
D. EGRESS WIDTHS				
MINIMUM CORRIDOR WIDTH			4.2.3.2	6'-0"
PLUMBING FIXTURE CALCULATIONS				
PLUMBING FIXTURE COUNTS: GDOE REQUIREMENTS BASED ON 800 FULL-TIME ENROLLMENT				
DRINKING FOUNTAINS: REQUIRED: 09 PROVIDED: 20				
RESTROOM FIXTURES (CALCULATION BY AREA): CALCULATION FOR NUMBER OF STUDENTS SERVED PER AREA: [(# OF I.U.S X 20 STUDENTS PER I.U.) / 2] = NUMBER OF STUDENTS PER GENDER FIXTURES REQUIRED: (Selects Per Table on pg. 11 in GDOE GUIDELINE: 160-5-4-.16 (a) 4)				
LEVEL 01				
LEVEL 01 - PART B = 131 U.S (10 REGULAR CLASSROOMS , 1 MUSIC RM , 1 ART RM , 1 GYM) (131 U.S X 20 STUDENTS PER I.U.) / 2 = 130 STUDENTS PER GENDER				
FIXTURES REQUIRED - LEVEL 01 - PART B				
A. 130 GIRLS = 5 WATER CLOSETS & 2 LAVATORIES REQ'D (SEE GIRLS RESTROOM 1.164)				
B. 130 BOYS = 4 WATER CLOSET, 4 URINALS & 2 LAVATORIES REQ'D (SEE BOYS RESTROOM 1.167)				
LEVEL 01 - PART C = 121 U.S (9 REGULAR CLASSROOMS , 2 PAIRED FLEX ROOMS , 1 MEDIA CENTER) (121 U.S X 20 STUDENTS PER I.U.) / 2 = 120 STUDENTS PER GENDER				
FIXTURES REQUIRED - LEVEL 01 - PART C				
A. 120 GIRLS = 5 WATER CLOSETS & 2 LAVATORIES REQ'D (SEE GIRLS RESTROOM 1.194)				
B. 120 BOYS = 3 WATER CLOSET, 4 URINALS & 2 LAVATORIES REQ'D (SEE BOYS RESTROOM 1.197)				
LEVEL 02				
LEVEL 02 - PART B = 131 U.S (13 REGULAR CLASSROOMS) (131 U.S X 20 STUDENTS PER I.U.) / 2 = 130 STUDENTS PER GENDER				
FIXTURES REQUIRED - LEVEL 02 - PART B				
A. 130 GIRLS = 5 WATER CLOSETS & 2 LAVATORIES REQ'D (SEE GIRLS RESTROOM 2.164)				
B. 130 BOYS = 4 WATER CLOSET, 4 URINALS & 2 LAVATORIES REQ'D (SEE BOYS RESTROOM 2.167)				
LEVEL 02 - PART C = 131 U.S (13 REGULAR CLASSROOMS) (131 U.S X 20 STUDENTS PER I.U.) / 2 = 130 STUDENTS PER GENDER				
FIXTURES REQUIRED - LEVEL 02 - PART C				
A. 130 GIRLS = 5 WATER CLOSETS & 2 LAVATORIES REQ'D (SEE GIRLS RESTROOM 2.194)				
B. 130 BOYS = 4 WATER CLOSET, 4 URINALS & 2 LAVATORIES REQ'D (SEE BOYS RESTROOM 2.197)				
*GENERAL NOTE: ADDITIONAL PLUMBING FIXTURES HAVE BEEN PROVIDED FOR CONVENIENCE BUT ARE IN AN ARRANGEMENT WHICH DO NOT MEET GDOE MINIMUM REQUIREMENTS FOR SCHOOL STUDENT BATTERY TOILET ROOMS (EX - BOYS RESTROOM 1.122). THESE ADDITIONAL PLUMBING FIXTURES HAVE NOT BEEN ENUMERATED IN THIS SCHEDULE.				
STAFF TOILETS: TOTALS: 11 - WATERCLOSETS & 11 - LAVATORIES				
GDOE REQUIREMENTS				
	REQUIRED (SF)	PROVIDED (SF)		
MEDIA CENTER	3,675	6,438		
PHYSICAL EDUCATION	5,000	5,400		
COMMONS/CAFETERIA	2,540	5,253		
KITCHEN	2,400	3,985		

Smallwood, Reynolds, Stewart & Associates, Inc. Architects

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REV. NO.	DATE	REMARKS
0001	10/01/19	DATE PRELIMINARY
0002	10/01/19	PROGRESS PRINT
0003	10/01/19	DATE CHECK SET
0004	10/01/19	DATE FOR BID / PRINT / DATE

REVISIONS / PRINTED	REVISIONS / PRINTED
46	81
REGULAR CLASSROOMS	TOTAL
PAIRED FLEX-AREAS	
MUSIC	
PHYSICAL EDUCATION	
ART CENTER	
ART	
TOTAL	81

REVISIONS / PRINTED	REVISIONS / PRINTED
71,152 SF	108,531 SF
37,379 SF	108,531 SF
5,186 SF	108,531 SF
TOTAL	108,531 SF
COVERED AREAS (I.E. CANOPIES)	5,186 SF
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DIVIDE (+) BY 2	+2
TOTAL	2,593 SF

PROJECT SUMMARY: J.H. HOUSE ELEMENTARY SCHOOL, 3100 Zingira Road NE, Conyers, GA 30012

DATE: 10-01-2019

JOB NO: 218036.00

SHEET NO: T0-05

ISSUED FOR CONSTRUCTION