



HARDIN COUNTY
BOARD OF EDUCATION

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Andrea Palmer

Ben Sego

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HCS NEW LINCOLN TRAIL
ELEMENTARY SCHOOL

ELIZABETHTOWN, KENTUCKY



CONCEPT RENDERING

PACKAGE

SCHEMATIC DESIGN

07.19.18

OWNER
HARDIN COUNTY SCHOOLS
65 W A Jenkins Rd
Elizabethtown, Kentucky 42701

P: 270.769.8800
F: 270.769.8888

ARCHITECT
JRA ARCHITECTS
3225 Summit Square Place, Suite 200
Lexington, KY 40509
P: 859.252.6781
F: 859.255.5483

STRUCTURAL ENGINEER
ICON
35 Public Square
Elizabethtown, KY 42701
P: 270.737.4226
F: 270.737.0441

MECHANICAL / ELECTRICAL ENGINEER
SHROUT TATE WILSON
628 Winchester Rd.
Lexington, KY 40505
P: 859.277.8177

CIVIL ENGINEER
ENGINEERING DESIGN GROUP
315 Mulberry St
Elizabethtown, KY 42701
P: 270.769.1436

FOOD SERVICE
JOBY SMITH & ASSOCIATES
8111 Lesourdsville Westchester
West Chester Township, OH 45069
P: 513.779.7970

INFRASTRUCTURE ENGINEER
STAGGS AND FISHER
3264 Lochness Dr.
Lexington, Ky. 40517
P: 859.271.3246
F: 859.271.3613

CONSTRUCTION MANAGER
ALLIANCE CORPORATION
116 E College St
Glasgow, KY 42141
P: 270.651.8848
F: 270.651.2915

DRAWING INDEX



NOT FOR CONSTRUCTION

SCHEMATIC DESIGN
HCS NEW LINCOLN TRAIL
ELEMENTARY SCHOOL
OWNER NAME
ELIZABETHTOWN, KENTUCKY



GENERAL

PROJECT	201752
DATE	07.19.18
DRAWN	Author
CHECKED	Checker

REVISIONS

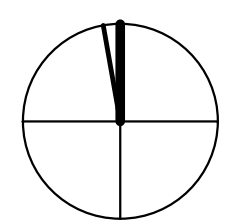
No.	Description	Date

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS - IN ELECTRONIC OR ANY OTHER FORMAT - IN WHOLE, OR IN PART, FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO TRANSFER THESE ELECTRONIC FILES TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. THE CLIENT PARTNER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT RESULTING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR REUSE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

COVER SHEET

G-001

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162 CAR PARKING SPACES (32 OVERFLOW)
16 BUS PARKING SPACES

SCHEMATIC DESIGN - SITE PLAN

07.19.18

HCS NEW LINCOLN TRAIL ELEMENTARY SCHOOL



- PROGRAM
- ADMINISTRATION
 - CAFETERIA
 - CIRCULATION
 - CLASSROOMS
 - FAMILY RESOURCE
 - KITCHEN
 - LIBRARY
 - MUSIC
 - PASS CLASSROOM
 - PHYSICAL ED
 - PRESCHOOL
 - RESOURCE CLASSROOMS
 - SERVICE
 - SPECIAL ED.
 - UNASSIGNED
 - Calculating...



- PROGRAM
- ADMINISTRATION
 - ART
 - CIRCULATION
 - CLASSROOMS
 - COMPUTER
 - FLEX CLASSROOM
 - RESOURCE CLASSROOMS
 - UNASSIGNED
 - Calculating...

PROGRAM SCHEDULE							
NUMBER	Department	NAME	LEVEL	AREA	TARGET PROGRAM NSF	AREA DIFFERENCE	COMMENTS
A103	ADMINISTRATION	ADMIN OFFICE	FIRST FLOOR	145 SF	0 SF	145 SF	LIP - ADD
A102A	ADMINISTRATION	F.A. TOILET	FIRST FLOOR	38 SF	0 SF	38 SF	
A109	ADMINISTRATION	OFFICE 1	FIRST FLOOR	147 SF	0 SF	147 SF	LIP - ADD
A108A	ADMINISTRATION	SUPPLIES	FIRST FLOOR	81 SF	0 SF	81 SF	LIP - ADD
146A	ADMINISTRATION	SUPPLIES	FIRST FLOOR	63 SF	0 SF	63 SF	
146	ADMINISTRATION	WORKROOM	FIRST FLOOR	186 SF	0 SF	186 SF	LIP - ADD
214	ADMINISTRATION	STAFF OFFICE	SECOND FLOOR	199 SF	0 SF	199 SF	
248A	ADMINISTRATION	SUPPLIES	SECOND FLOOR	63 SF	0 SF	63 SF	
248	ADMINISTRATION	WORKROOM	SECOND FLOOR	186 SF	0 SF	186 SF	LIP - ADD
217	ADMINISTRATION	WORKROOM	SECOND FLOOR	145 SF	0 SF	145 SF	LIP - ADD
A111	ADMINISTRATION	GUIDANCE OFFICE	FIRST FLOOR	153 SF	150 SF	3 SF	
A113	ADMINISTRATION	GUIDANCE RECEPTION	FIRST FLOOR	145 SF	150 SF	-5 SF	
A112	ADMINISTRATION	RECORDS	FIRST FLOOR	153 SF	150 SF	3 SF	
A105	ADMINISTRATION	SITE BASED OFFICE	FIRST FLOOR	150 SF	150 SF	0 SF	
A107	ADMINISTRATION	STAFF OFFICE	FIRST FLOOR	150 SF	150 SF	0 SF	
A108	ADMINISTRATION	WORKROOM	FIRST FLOOR	162 SF	150 SF	12 SF	
A102	ADMINISTRATION	FIRST AID	FIRST FLOOR	160 SF	200 SF	-40 SF	
A110	ADMINISTRATION	SBDM CONFERENCE	FIRST FLOOR	285 SF	270 SF	15 SF	
A101	ADMINISTRATION	ADMIN SUITE	FIRST FLOOR	303 SF	500 SF	-197 SF	
ADMINISTRATION: 10				2,915 SF	1,870 SF	1,045 SF	
11, 1465	ALLOWANCE	LI PROGRAM ALLOWANCE	Not Placed	Not Placed	1,500 SF		
ALLOWANCE: 1				0 SF	1,500 SF	0 SF	
219A	ART	ART STOR / KILN	SECOND FLOOR	125 SF	0 SF	125 SF	
219	ART	ART	SECOND FLOOR	816 SF	800 SF	16 SF	
ART: 2				943 SF	800 SF	143 SF	
101	CAFETERIA	CAFETERIA	FIRST FLOOR	5,234 SF	4,600 SF	634 SF	LIP - ADD
CAFETERIA: 1				5,234 SF	4,600 SF	634 SF	
130A	CLASSROOMS	TOILET	FIRST FLOOR	49 SF	0 SF	49 SF	
131	CLASSROOMS	CLASSROOM	FIRST FLOOR	799 SF	800 SF	-1 SF	
133	CLASSROOMS	CLASSROOM	FIRST FLOOR	799 SF	800 SF	-1 SF	
139	CLASSROOMS	CLASSROOM	FIRST FLOOR	799 SF	800 SF	-1 SF	
140	CLASSROOMS	CLASSROOM	FIRST FLOOR	799 SF	800 SF	-1 SF	
132	CLASSROOMS	CLASSROOM	FIRST FLOOR	799 SF	800 SF	-1 SF	
150	CLASSROOMS	CLASSROOM	FIRST FLOOR	799 SF	800 SF	-1 SF	
145	CLASSROOMS	CLASSROOM	FIRST FLOOR	799 SF	800 SF	-1 SF	
130	CLASSROOMS	CLASSROOM - "FLEX" P.S.	FIRST FLOOR	741 SF	800 SF	-59 SF	
242	CLASSROOMS	CLASSROOM	SECOND FLOOR	790 SF	800 SF	-10 SF	
209	CLASSROOMS	CLASSROOM	SECOND FLOOR	790 SF	800 SF	-10 SF	
235	CLASSROOMS	CLASSROOM	SECOND FLOOR	790 SF	800 SF	-10 SF	
241	CLASSROOMS	CLASSROOM	SECOND FLOOR	790 SF	800 SF	-10 SF	
234	CLASSROOMS	CLASSROOM	SECOND FLOOR	790 SF	800 SF	-10 SF	
252	CLASSROOMS	CLASSROOM	SECOND FLOOR	790 SF	800 SF	-10 SF	
207	CLASSROOMS	CLASSROOM	SECOND FLOOR	832 SF	800 SF	32 SF	
233	CLASSROOMS	CLASSROOM	SECOND FLOOR	790 SF	800 SF	-10 SF	
231	CLASSROOMS	CLASSROOM	SECOND FLOOR	790 SF	800 SF	-10 SF	
225	CLASSROOMS	CLASSROOM	SECOND FLOOR	796 SF	800 SF	-4 SF	
223	CLASSROOMS	CLASSROOM	SECOND FLOOR	796 SF	800 SF	-4 SF	
221	CLASSROOMS	CLASSROOM	SECOND FLOOR	776 SF	800 SF	-24 SF	
227	CLASSROOMS	CLASSROOM	SECOND FLOOR	794 SF	800 SF	-6 SF	
203	CLASSROOMS	CLASSROOM	SECOND FLOOR	812 SF	800 SF	12 SF	
232	CLASSROOMS	CLASSROOM	SECOND FLOOR	790 SF	800 SF	-10 SF	
245	CLASSROOMS	CLASSROOM	SECOND FLOOR	790 SF	800 SF	-10 SF	
CLASSROOMS: 25				19,091 SF	19,200 SF	-109 SF	

PROGRAM SCHEDULE							
NUMBER	Department	NAME	LEVEL	AREA	TARGET PROGRAM NSF	AREA DIFFERENCE	COMMENTS
201	COMPUTER	COMPUTER CLASSROOM/ FLEX CLASSROOM	SECOND FLOOR	805 SF	0 SF	805 SF	LIP - ADD
COMPUTER: 1				805 SF	0 SF	805 SF	
A114A	FAMILY RESOURCE	STORAGE	FIRST FLOOR	74 SF	0 SF	74 SF	
A114B	FAMILY RESOURCE	TOILET	FIRST FLOOR	54 SF	0 SF	54 SF	
A114	FAMILY RESOURCE	FAMILY RESOURCE	FIRST FLOOR	439 SF	300 SF	139 SF	
FAMILY RESOURCE: 3				569 SF	300 SF	269 SF	
208	FLEX CLASSROOM	FLEX CLASSROOM	SECOND FLOOR	718 SF	800 SF	-82 SF	
FLEX CLASSROOM: 1				718 SF	800 SF	-82 SF	
B104	KITCHEN	COOLER/FREEZER	FIRST FLOOR	492 SF	0 SF	492 SF	
B103	KITCHEN	DISH RETURN	FIRST FLOOR	228 SF	0 SF	228 SF	
B106	KITCHEN	STAFF TOILET	FIRST FLOOR	53 SF	25 SF	28 SF	
B105	KITCHEN	OFFICE	FIRST FLOOR	106 SF	64 SF	42 SF	
B107	KITCHEN	NON-FOOD STORAGE	FIRST FLOOR	110 SF	80 SF	30 SF	
B102	KITCHEN	DRY FOOD STORAGE	FIRST FLOOR	196 SF	450 SF	-254 SF	
B101	KITCHEN	KITCHEN	FIRST FLOOR	2,156 SF	2,381 SF	-225 SF	
KITCHEN: 7				3,312 SF	3,000 SF	312 SF	
116A	LIBRARY	AV STORAGE	FIRST FLOOR	177 SF	200 SF	-23 SF	
116B	LIBRARY	WORKROOM	FIRST FLOOR	189 SF	200 SF	-11 SF	
116	LIBRARY	LIBRARY MEDIA CENTER	FIRST FLOOR	3,444 SF	3,250 SF	194 SF	
LIBRARY: 3				3,820 SF	3,650 SF	170 SF	
103	MUSIC	MUSIC CLASSROOM	FIRST FLOOR	798 SF	800 SF	-2 SF	
MUSIC: 1				798 SF	800 SF	-2 SF	
129A	PASS CLASSROOM	T.O. ROOM	FIRST FLOOR	49 SF	0 SF	49 SF	
129	PASS CLASSROOM	PASS CLASSROOM	FIRST FLOOR	482 SF	400 SF	82 SF	
PASS CLASSROOM: 2				531 SF	400 SF	131 SF	
105B	PHYSICAL ED	TOILET	FIRST FLOOR	87 SF	0 SF	87 SF	
105A	PHYSICAL ED	OFFICE	FIRST FLOOR	147 SF	150 SF	-3 SF	
102	PHYSICAL ED	PE STORAGE	FIRST FLOOR	330 SF	300 SF	30 SF	
105	PHYSICAL ED	GYM	FIRST FLOOR	7,599 SF	6,550 SF	1,049 SF	
PHYSICAL ED: 4				8,163 SF	7,000 SF	1,163 SF	
125A	PRESCHOOL	PS TOILET	FIRST FLOOR	34 SF			
126B	PRESCHOOL	STORAGE	FIRST FLOOR	86 SF			
127A	PRESCHOOL	PS TOILET	FIRST FLOOR	34 SF	50 SF	-16 SF	
126C	PRESCHOOL	STORAGE	FIRST FLOOR	100 SF	100 SF	0 SF	
125	PRESCHOOL	PRESCHOOL	FIRST FLOOR	823 SF	750 SF	73 SF	
127	PRESCHOOL	PRESCHOOL	FIRST FLOOR	822 SF	750 SF	72 SF	
PRESCHOOL: 6				1,899 SF	1,550 SF	349 SF	
123	RESOURCE CLASSROOMS	RESOURCE ROOM	FIRST FLOOR	403 SF	400 SF	3 SF	
128	RESOURCE CLASSROOMS	RESOURCE ROOM	FIRST FLOOR	395 SF	400 SF	-5 SF	
215	RESOURCE CLASSROOMS	RESOURCE ROOM	SECOND FLOOR	394 SF	400 SF	-6 SF	
213	RESOURCE CLASSROOMS	RESOURCE ROOM	SECOND FLOOR	395 SF	400 SF	-5 SF	
143	RESOURCE CLASSROOMS	RESOURCE ROOM	FIRST FLOOR	405 SF	800 SF	-395 SF	
243	RESOURCE CLASSROOMS	RESOURCE ROOM	SECOND FLOOR	552 SF	800 SF	-248 SF	
RESOURCE CLASSROOMS: 6				2,544 SF	3,200 SF	-656 SF	
101A	SERVICE	CUSTODIAL RECEIVING	FIRST FLOOR	258 SF	250 SF	8 SF	
SERVICE: 1				258 SF	250 SF	8 SF	
108A	SPECIAL ED.	STORAGE	FIRST FLOOR	78 SF	0 SF	78 SF	
108B	SPECIAL ED.	TOILET	FIRST FLOOR	74 SF	80 SF	-6 SF	
108	SPECIAL ED.	SPECIAL ED. CLASSROOM	FIRST FLOOR	778 SF	745 SF	33 SF	
SPECIAL ED.: 3				930 SF	825 SF	105 SF	
Grand total: 86				52,529 SF	49,845 SF	2,684 SF	

GROSS AREA SCHEDULE			
LEVEL	GROSS AREA	NET PROGRAM AREA	EFFICIENCY
FIRST FLOOR	48,983 SF	34,476 SF	0.703838
SECOND FLOOR	26,990 SF	16,962 SF	0.628462
	75,973 SF	51,438 SF	

BUILDING EFFICIENCY = 69%





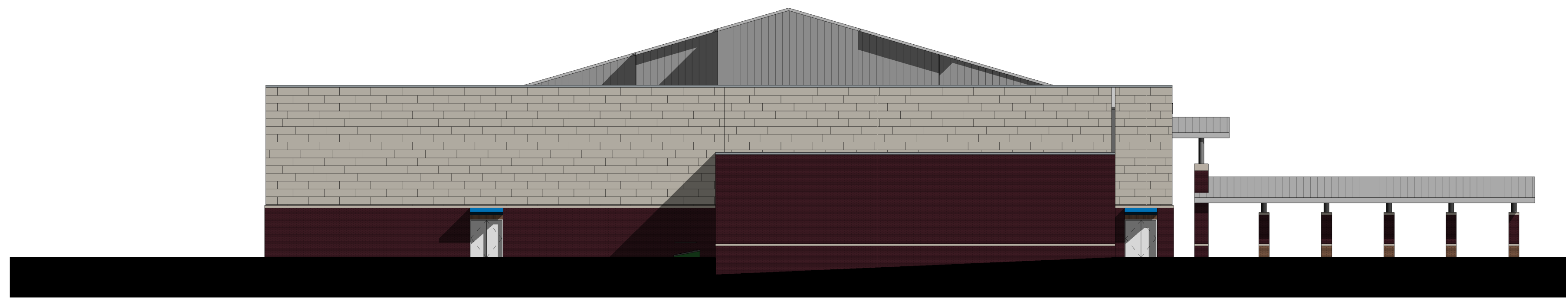
SOUTH ELEVATION - FRONT
 1/16" = 1'-0"



NORTH ELEVATION
 1/16" = 1'-0"



EAST ELEVATION
 1/16" = 1'-0"



WEST ELEVATION
 1/16" = 1'-0"