

## CPS ROGERS – PROGRAM DEVELOPMENT

### TEST-FIT LAYOUT

TEACHING STATIONS	DESIGN	ACTUAL	DIFF.	COMMENTS
(6) TYPICAL 720 SF ACADEMIC CLASSROOM	4560	4465	95	
(2) SCIENCE CLASSROOMS WITH STORAGE	2160	2106	54	
(1) MUSIC ROOM WITH STORAGE	1520	1530	-10	
(1) DRAMA CLASSROOM	1080	1115	-35	
(1) ADDITIONAL STORAGE IN LIEU OF KILN, ADJ TO ART ROOM	90	0	90	Noted in test fit
<b>TOTAL</b>	<b>9410</b>	<b>9216</b>	<b>194</b>	

ADMINISTRATION CENTER	DESIGN	ACTUAL	DIFF.	COMMENTS
(1) ADMINISTRATIVE REMOTE FROM OFFICE	150	231	-81	
(1) ADMIN STORAGE	0	71	-71	Noted in test fit
(1) FACULTY WORK ROOM / RESOURCES ROOM (NOT CONTIGUOUS WITH ADMIN CENTER)	450	403	47	
<b>TOTAL</b>	<b>600</b>	<b>705</b>	<b>-105</b>	

DINING CENTER / MULTI-PURPOSE ROOM	DESIGN	ACTUAL	DIFF.	COMMENTS
(1) STUDENT DINING ROOM	3720	3488	232	Actual table layout
(1) HYBRID KITCHEN	1890	1961	-71	
(1) SERVERY (HOUSES TWO SERVING LINES)	890	0	890	Part of Kitchen SF
(1) KITCHEN OFFICE	100	82	18	
(2) KITCHEN STAFF TOILETROOMS: MEN & WOMEN / UNISEX	150	89	61	Agreed in design meetings
(2) KITCHEN STAFF LOCKERS	300	200	100	Based on # of lockers
(1) RECYCLING	100	100	0	
(1) STORAGE	200	135	65	
(1) DINING STORAGE	500	361	139	Based on # of tables
<b>TOTAL</b>	<b>7850</b>	<b>6416</b>	<b>1434</b>	

BUILDING SUPPORT	DESIGN	ACTUAL	DIFF.	COMMENTS
(2) MAIN ENTRANCE VESTIBULE / ANNEX LINK	1560	735	825	Site conditions
(1.5) 150' LONG CORRIDOR WITH LOCKERS 15' WIDE	3375	3742	-367	Additional provided for circulation
(1) TOILET ROOMS: BOYS, GIRLS STAFF/UNISEX & JANITORS CLOSET	760	694	66	
(1) TOILET ROOMS: BOYS, GIRLS STAFF/UNISEX	690	694	-4	Stacked Jan closet
(2) STAIRS	800	733	67	
(1) MECH ROOMS	1110	813	297	
(1) MDF	280	91	189	Change to IDF
(1) ELECTRICAL ROOM	300	240	60	
<b>TOTAL</b>	<b>8875</b>	<b>7742</b>	<b>1133</b>	

ALLOCATION SUMMARY	Column1	Column2
PROGRAM TOTAL @ 80%	27365	22348
ENVELOPE, PARTITION & SHAFTS @ 20%	5473	
<b>TOTAL BUILDING AREA</b>	<b>32838</b>	<b>27935</b>

## **BUILDING AREA DIAGRAMS AND AREA CALCS**

### **PBC CPS – ROGERS ELEMENTARY SCHOOL**

#### **Gross Square Footage Calculations**

First Floor Area Gross: 14,764 SF

Second Floor Area Gross: 15,094 SF

#### **Usable Square Footage Calculations**

First Floor Usable: 13,327 SF = 90% efficient

Second Floor Usable: 12,509 SF = 82% efficient

Enclosed Volume = 488,883 ft<sup>3</sup>

Exterior Surface Area = 30,878 SF (not including floor slab or faces connected to existing)

