

## EXHIBIT E – DRAFT PROGRAM SUMMARY

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# South West High School Program Draft

## Draft v1

**New Facility**       **Addition/Renovation of Existing Building**

Type I: High School

Current Enrollment	<u>DNA</u>	Current School Capacity	<u>DNA</u>
Ideal New Capacity*	<u>1080</u>	Utilization Range	<u>864 - 1296</u>
* Standard classrooms times 0.8, round down and then multiply by 30		* Not including temporary structures or leased facilities	
		* Diverse Learners requirements reduce optimum space use	
		Max Code Allowable Student Population	<u>3,302</u>
		* Assume 1 teacher per classroom	

### Typical Capacity Standards

Academic: 30 Students per classroom per published utilization standards

Required Classrooms	Number	Students Per
<b>Typical Classrooms</b>	<u>19</u>	<u>28</u> = <u>532</u>
Diverse Learners LRE3*	<u>2</u>	<u>13</u> = <u>26</u>
Diverse Learners Cluster Program	<u>0</u>	<u>13</u> = <u>0</u>
Diverse Learners Pullout	<u>2</u>	<u>20</u> = <u>0</u>
New Hardwired Computer Classrooms	<u>1</u>	<u>28</u> = <u>28</u>
New Science Classroom Suite	<u>7</u>	<u>28</u> = <u>196</u>
New Music Classroom	<u>3</u>	<u>34</u> = <u>102</u>
New Art Classroom	<u>2</u>	<u>31</u> = <u>62</u>
Health	<u>1</u>	<u>40</u> = <u>40</u>
Drivers ED	<u>0</u>	<u>40</u> = <u>0</u>
Multi-Purpose / CTE / STEM	<u>4</u>	<u>30</u> = <u>120</u>
<b>Planned Capacity (including Auxiliary Classrooms)</b>	<u>41</u>	Subtotal <u>1,106</u>
Dance/Wrestling	<u>1</u>	<u>40</u> = <u>40</u>
Fitness/Weight Room	<u>1</u>	<u>40</u> = <u>40</u>
New 2 position Gymnasium w/ Stage	<u>2</u>	<u>40</u> = <u>80</u>
	<u>45</u>	Total <u>1,266</u>

New Support Spaces & Site	Number
New Administrative Center	<u>1</u>
New Nurse's & Student Services Suite	<u>1</u>
New Library Center	<u>1</u>
New Business Office	<u>1</u>
New Student Dining Facilities & Kitchen (a)	<u>1</u>

Notes: (a) Max utilization range will require 4 lunch periods

\* CPS agreement for recommended class size, comment from E. Klunk & state max. for Diverse Learners

New Program Area	<b>85,318</b>
New Non-Program Area	<b>48,110</b>
<b>Total Building Area</b>	<b>133,428</b>
Lower Level Area	<b>49,455</b>
<b>TOTAL</b>	<b>182,883</b>

_____ Chicago Public Schools - Operations	_____ Date
_____ Chicago Public Schools - Chief of Schools	_____ Date
_____ Chicago Public Schools - Principal	_____ Date

\*This High School Program is created using the following assumptions:

1. There are no hardwired computers in the library
  2. The kitchen is a cooking kitchen
  3. There are (3) kitchen serving lines
  4. A Multi-Purpose (CTE/ STEM / Makers / Media / Distance Learning Lab) is included in this program as a "place holder" to be adjusted as necessary to accommodate the specific program as directed by CPS Education.
- For program space requirements that exceed the Multi-Purpose Class Space, use the appropriate category in the Additional Program Specific To School Type.

\*\*Additional spaces that are not part of the building but may be necessary to support outdoor sports program (bleachers, sports storage, concessions, press / filming box)

\*\*\*AOR to confirm strategy for establishing toilet fixture counts

South West High School Program Draft

Home Rooms	Quantity	non classroom quantity	Space Category	Anticipated Gross Area (sf) based on test fit	Typical Gross Area (sf) HS program	Total Program Area	Maximum Code Capacity per Space	Max Code Student Allowable Pop.
	<b>TEACHING STATIONS</b>							
	19		<b>Basic Classroom for Math, English, Social Studies,</b> Typical 760 sf Academic Classroom (approx. 720 net sq. ft.)	760	760	14440	35	665
	1		2nd Floor Faculty Offices	380	380	380		
	1		1st Floor Faculty Offices	489	450	489		
	0		<b>Personalized Learning</b> Pull in Room (incl anticipated added corridor space based on classroom / pull in configuration)	300	300	0	13	0
	2		<b>Diverse Learners</b> LRE 3 Special Needs (1 per floor) Not to exceed 17 students per classroom	760	760	1520	35	70
	2		Pull-out space for individual students w/ Special Needs	760	760	1520	35	70
	0		New Cluster Program	760	760	0		
	1		<b>Classrooms with Hired Wired Computer for Students</b> Computer Classroom (1 teacher & 30 student workstations)	1250	1140	1250	58	58
	2		<b>Science Suite</b> Chemistry Science Classroom	1140	1140	2280	53	106
	1		Chemistry Prep Room with Faculty	450	400	450	20	0
	2		Biology Science Classroom	1140	1140	2280	53	106
	1		Biology Prep Room with Faculty	450	350	450	20	0
	3		Physics Science Classroom	1182	1140	3546	55	165
	2		General Science Prep Room	415	350	830	18	0
	1		<b>Music Suite</b> Instrumental Classroom with movable storage	1680	1875	1680	78	78
	1		Faculty Office and Storage	940	849	940		
	1		Choral Classroom	1365	1520	1365	63	63
	1		Music Theory Classroom	760	760	760	35	35
	0		Practice rooms including access	200	200	0	8	
	2		<b>2D-3D Art Suite</b> Art Classroom with storage (classroom 999 SF)	935	1140	1870	43	86
	1		Art Kiln Room (adj to art room)	380	380	380	17	
	1		Faculty Offices + Storage	600	380	600		
	4		<b>Un-Programed Class Space</b> Multi-Purpose Room <i>Confirm exact program direction with CPS Education</i> (2 STEAM / STEM, Makers, Media, CTE or Distance Learning Labs requires 4-760 gsf classroom spaces or 1 Muti Purpose Rooms to accommodate program size)	760	760	3040	35	140
	0		<b>Physical Education</b> Drivers ED	1140	1140	0	53	0
	1		Health	1140	1140	1140	53	53
	1		Weight & Fitness Room ( <i>an extension of the gym area</i> )	1380	1480	1380	64	64
	1		Dance & Wrestling Room	1660	1950	1660	77	77
	2		New 2 Position Gymnasium with stage	15462	13440	15462	733	1466
	1		Stage Storage	686	500	686		
	2		Gymnasium Offices (w/ locker rms and bathrooms)	300	300	600		
	1		Gymnasium Storage	730	825	730		
	1		Chair Storage	400	300	400		
	1		AV Storage	210	200	210		
	0		Additional 1 Position Gym 60'x84' (or 3rd station @ main gym)	5040	5040	0	238	0
	<b>Additional Program Specific to School Type</b>							
	0		<b>STEM / STEAM Program</b> <i>Confirm exact program direction and assoc. space needs with CPS Ed.</i> Additional Classrooms	0	0	0		
	0		Additional Labs	0	0	0		
	0		<b>CTE Program</b> <i>Confirm exact program direction and assoc. space needs with CPS Ed.</i> Additional Classrooms	0	0	0		
	0		Additional Labs	0	0	0		
	0		<b>Classical Program</b> <i>Confirm exact program direction and assoc. space needs with CPS Ed.</i> Additional Classrooms	0	0	0		
	0		Additional Labs	0	0	0		
	0		<b>Magnet Program</b> <i>Confirm exact program direction and assoc. space needs with CPS Ed.</i> Additional Classrooms	0	0	0		
	0		Additional Labs	0	0	0		
	0		<b>JROTC Program</b> JROTC Classroom	760	760	0		
	0		JROTC Administration Office	200	200	0		
	0		JROTC Supply Storage	600	600	0		
	45		<b>TOTAL</b>			<b>62,616</b>		<b>3,302</b>
	<b>ADMINISTRATION CENTER</b>							
	1		Administration Reception	250	250	250		
	1		School Business Office (3 clerical workstations)	225	225	225		
	1		Conference Room	300	300	300		
	1		School Vault / Workroom	200	200	200		
	1		Faculty Mailboxes	100	100	100		
	1		Principal's Office	200	200	200		
	1		Administrative remote from office	150	150	150		
	1		Business Manager Office	150	150	150		
	1		Coat Storage	30	30	30		
	1		Pantry	150	150	150		
	1		Faculty Work Room (not contiguous w/ admin center)	270	270	270		
	1		Principal's Bathroom	60	60	60		
	1		Police / Security Office	300	300	300		
	1		College and Career Office	1100	1100	1100		
	1		Academic / Tutoring Center	1100	1100	1100		
			<b>TOTAL</b>			<b>4,616</b>		
	<b>STUDENT SERVICES / NURSE'S SUITE Shared</b>							
	4		Conselors Offices	100	100	-		
	1		Waiting Area	150	150	-		
	1		Conference	300	300	-		
	1		Open Office	150	150	-		
	1		Nurse Office	150	150	-		
	1		Exam/Counseling Room	150	150	-		
	1		Laundry stack	15	15	-		
	1		Shower and Toilet	120	120	-		
	1		Storage for Inclusion Students (not req'd to be contiguous)	75	75	-		

			1 Locked Storage	75	75	-				
			<b>TOTAL</b>			<b>1,430</b>				
			<b>DINING CENTER / MULTI-PURPOSE ROOM</b>							
			1 Student Dining Room (# Students x 15.5 sf/person/4 lunch periods)	4083	4069	4083				
			1 Cooking Kitchen	1246	1246	1246				
			1 Servery (houses three serving lines incl salad bar)	1215	1200	1215				
			1 Kitchen Office	100	100	100				
			1 Kitchen Staff Toilet rooms: Men & Women / Unisex	75	75	75				
			1 Kitchen Staff Lockers	150	150	150				
			1 Recycling	100	100	100				
			1 Storage	200	200	200				
			1 Dining Storage (table storage)	548	600	548				
			<b>TOTAL</b>			<b>7,717</b>				
			<b>SPECIAL AREAS</b>							
			<i>The following spaces at a minimum are to be provided</i>							
			1 Library / Multi Media Center	3270	2280	3270				
			2 PE Locker Rooms	1499	1400	2998				
			2 Team Locker Rooms	825	840	1650				
			1 Unisex Locker Room	140	120	140				
			1 Trainer	176	150	176				
			1 Athletic Laundry	140	150	140				
			1 Concession	160	150	160				
			0 Ticket Office	148	150	0				
			1 Exterior Athletic Storage	405	500	405				
			<i>The following spaces are recommended to be provided for an optimal program</i>							
			0 Lounge	450		0				
			0 Green Room	1000	1000	0				
			0 Pre Function	770	770	0				
			<b>TOTAL</b>			<b>8,939</b>				
			<b>Program Total</b>						<b>85,318</b>	
			<b>BUILDING SUPPORT</b>							
			<i>The following spaces at a minimum are to be provided</i>							
			1 Elevator 1st Floor (incl elev machine Rm)	140	140	140				
			1 Elevator 2nd Floor and above (40 sf per floor)	140	80	140				
			1 1st Floor Corridor with Lockers	12179	10556	12179				
			1 2nd Floor Corridor with Lockers	10653	6970	10653				
			0 3rd Floor Corridor with Lockers	6286		0				
			6 Toilet Rooms: Boys, Girls Staff/Unisex & Janitors Closet	760	760	4560				
			4 Stairs # 1,2,3, 4	380	540	1520				
			1 Fire Pump, Elect, Switchgear, Pump Room, Comed Room, Boiler (Lower Level)	2135	980	2135				
			1 MDF	304	400	304				
			0 IDF (as req based on facility size)	200	200	0				
			1 Building Support Mech/Electrical/Office	484	2780	484				
			1 Mechanical (Air Handlers 2nd Level - Exterior)	4330	3140	4330				
			1 Trash/ Loading (Exterior)	1392	1520	1392				
			1 Air Cooled Chiller (Exterior)	2144	500	2144				
			1 Yard Storage	380	300	380				
			<b>TOTAL</b>			<b>38,226</b>				
			<b>Envelope</b>							
			Envelope = 8% of program and support space						<b>9,884</b>	
			<b>TOTAL</b>			<b>9,884</b>				
			<b>TOTAL BUILDING AREA</b>						<b>133,428</b>	

AREA ALLOCATION SUMMARY

Program Total  
 Non-Program Total (Building Support)  
 TOTAL BUILDING AREA (Basic HS)

66/34 NSF/GSF
85,318
48,110
133,428

Gross Square Footage Per Student (Planned Capacity) 111  
 Gross Square Footage Per Student (Ideal Student Population) 111  
 Gross Square Footage Per Student (Maximum Student Population) 40

\*Additional spaces that are not part of the building but may be necessary to support outdoor sports program (bleachers, sports storage, concessions, press / filming box)

			<b>Lower Level Parking</b>						
			1 Elevator Lower Level Floor + Vestibule	519		519			
			3 Stairs	380		1140			
			1 Parking Area including ramp	47796		47796			
			<b>TOTAL</b>			<b>49,455</b>			