

EDUCATIONAL PROGRAM SPACE SUMMARY

For

New 750 Student High School (Prototype)

PRESENTED TO THE

**WISE COUNTY SCHOOLS
BOARD OF EDUCATION**

(Draft Two)

Developed by

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PROGRAM SPACE SUMMARY

LEARNING CENTER 1

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
General Classrooms	12	22	264	750	9,000
Science Lab / Lecture	3	25	75	1,200	3,600
Preparation / Storage Room (Shared)	1		-	200	200
Self-contained Classroom (BD)	1	22	22	700	700
Self-contained Toilet (BD)	1		-	50	50
Self-contained Storage (BD)	1		-	75	75
Resource Room	2	11	22	400	800
Conference	1		-	250	250
Media Resources	1		-	800	800
Extended Instructional Area	1		-	1,800	1,800
Assistant Principal	1		-	120	120
Guidance-Career office	1		-	120	120
Planning / Work Area	1		-	400	400
General Storage	1		-	250	250
Student Individual Toilets	8		-	50	400
Custodial Service Closets	1		-	25	25
Staff Toilets	2		-	50	100
Subtotal			383		18,690

NOTES:

1. All Student Centers should be designed with maximum flexibility
2. Classrooms should be located adjoining the Extended Instructional Area
3. Classroom should have movable panels opening to EIA
4. All students have Home rooms within Learning Centers

PROGRAM SPACE SUMMARY

LEARNING CENTER 2

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
General Classrooms	12	22	264	750	9,000
Science Lab / Lecture	3	25	75	1,200	3,600
Preparation / Storage Room (Shared)	1		-	200	200
Self-contained Classroom (BD)	1	22	22	700	700
Self-contained Toilet (BD)	1		-	50	50
Self-contained Storage (BD)	1		-	75	75
Resource Room	2	11	22	400	800
Conference	1		-	250	250
Media Resources	1		-	800	800
Extended Instructional Area	1		-	1,800	1,800
Assistant Principal	1		-	120	120
Guidance-Career office	1		-	120	120
Planning / Work Area	1		-	400	400
General Storage	1		-	250	250
Student Individual Toilets	8		-	50	400
Custodial Service Closets	1		-	25	25
Staff Toilets	2		-	50	100
Subtotal			383		18,690

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PROGRAM SPACE SUMMARY

Central Administration and Visitors Center

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
Principal Office	1		-	220	220
Principal Storage	1		-	30	30
Principal Toilet w/ shower	1		-	80	80
Administrative Assistant	1		-	110	110
Reception Area	1		-	300	300
Secretarial Area	1		-	100	100
Mail Area / Check-In	1		-	100	100
Attendance Office	1		-	150	150
Bookkeeper Office	1		-	110	110
Computer Management	1		-	150	150
Records Vault	1		-	160	160
Conference Room	1		-	300	300
Administrative Storage	1		-	80	80
Staff Toilet	1		-	50	50
Clinic Exam Room	1		-	100	100
Clinic Cot Areas	2		-	80	160
Clinic Toilet / Shower	1		-	80	80
Subtotal		-	-		2,280

NOTES:

1. Attendance office opens directly to Public corridor
2. Public toilets are located in public corridor

PROGRAM SPACE SUMMARY

FINE ARTS CENTER

AUDITORIUM

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
Theater with seating for 800	1		-	7,500	7,500
Stage	1			1,500	1,500
Prop Storage	1			500	500
Projection Booth	1			100	100
Orchestra Pit	1			500	500
Green Room/Rehearsal	1			700	700
Lobby	1			1,500	1,500
Office	1			110	110
Star dressing/toilet	1			200	200
loading dock (std. Theater size)	1			300	300
Public Restrooms	2			220	440
Dressing (16'x30')	2			480	960
staff toilets	2			50	100
ticket sales	1			75	75
Sound Room	1			100	100
Subtotal					14,585

NOTES:

1. Counters and mirrors on wall in dressing rooms. Toilets should be adjacent to dressing rooms
2. Should be located adjacent to Gym Lobby

Music

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
Choral Rehearsal	1		35	1,250	1,250
Choral Storage	1		-	200	200
Choral Practice Rooms	4	1	4	40	160
Choral Library / Recording	1		-	150	150
Choral Office	1		-	75	75
Ensemble Room	1		-	450	450
Instrumental Rehearsal	1		35	1,400	1,400
Instrument Storage	1		-	400	400
Band Uniform Storage	1		-	220	220
Practice Rooms	2	3	6	90	180
Subtotal			80		4,485

NOTES:

1. Band and Choral on exterior wall with double doors opening to outside and ability to load truck

PROGRAM SPACE SUMMARY

FINE ARTS CENTER (cont.)

ART

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
Art Studio	1	25	25	1,200	1,200
Material Storage	1		-	100	100
Student Project Storage	1		-	100	100
Kiln Room	1		-	150	150
Subtotal			25		1,550

NOTES:

1. Art Studio opens to outside
2. Include Exhaust Fan in Kiln room.
3. Sealed Concrete Floor, Exposed Bar Joist, 4 deep Sinks in each room
4. Must be on exterior wall with Windows

MEDIA CENTER - Distrubuted Media

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
Office / Processing Room	1		-	300	300
Conference Room (divisible)	1		-	300	300
Studio / Media Production Room	1		-	700	700
Technology Room	1		-	250	250
"Head-in" Equipment Room	1		-	160	160
Subtotal			-		1,710

NOTES:

See Learning Centers for balance of Media services

PROGRAM SPACE SUMMARY

SPECIAL EDUCATION

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
	-	10	-	700	-
	-	-	-	110	-
	-	10	-	300	-
	-	-	-	100	-
Subtotal		20	-		-

NOTES:

1. All Special Ed are mainstreamed

Engineering, Industrial and Technical Education

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
Business Education lab	2	25	50	1200	2400
Business Storage	1		0	120	120
General Storage	1		0	75	75
Subtotal			50	1395	2,595

Notes:

1. Requires additional refinement.
2. Some Programs can be provided in the Extended Instructional Areas in the Learning Center:

PROGRAM SPACE SUMMARY

PHYSICAL EDUCATION / ATHLETICS

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
Gym w/Seating	1		-	14,000	14,000
Gym / Large Equipment Storage	1		-	400	400
Varsity Lockers Adjacent to Athletic Locker Rm	2		-	160	320
Athletic Locker Rooms - M	1	50	50	1,500	1,500
Athletic Locker Rooms - F	1	50	50	1,500	1,500
Combination Showers/Toilets/Drying - M	1		-	500	500
Combination Showers/Toilets/Drying - F	1		-	500	500
PE Coaches' Offices	1		-	120	120
PE Storage	1		-	250	250
Varsity Storage	2		-	300	600
Varsity Coach's Office	1		-	120	120
Staff Locker room, Toilets and showers	2		-	300	600
Lobby / Mini-Commons	1		-	1,500	1,500
Concessions	1		-	100	100
Concession Storage	1		-	50	50
General Classrooms	1	25	25	800	800
Outdoor General PE Storage	1		-	110	110
Athletic Training Room	1		-	150	150
Wrestling Room/ Dance w/ storage	1		-	2,400	2,400
Subtotal			125		25,520

NOTES:

1. Half lockers with doors in PE locker rooms
2. Size Varsity locker storage to accommodate 48 football players
3. Classroom should not open into gym
4. Lobby should be shared with Auditorium

OUTSIDE PLAY FIELDS

Multi-purpose Practice Fields as allowed by respective Site
Baseball/Softball with seating for 300 - Add Alternate

Football Stadium (future)
Tennis Courts - Add Alternate
Track and field events area with seating for 800 (future)
Soccer Field inside running track (future)

NOTES:

PROGRAM SPACE SUMMARY

FOOD SERVICE

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
Dining Area	1		-	4,000	4,000
Food Court / Serving	1		-	1,000	1,000
Kitchen	1		-	2,200	2,200
Managers Office	1		-	100	100
Chair Storage	2		-	350	700
Lockers	1		-	70	70
Enclosed Loading Dock	1		-	250	250
Subtotal		-	-		8,320

NOTES:

1. Manager's Office to have view windows

BUILDING SERVICES / RESTROOMS

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
Central Receiving / Distribution	1		-	700	700
Custodial Locker Areas	1		-	80	80
Custodial Toilets	1		-	50	50
Custodial Office	1		-	100	100
Flammable / Outside Equipment	1		-	200	200
Mobile Equipment Storage	1		-	100	100
Custodial Service Closets	4		-	25	100
Staff Toilets	4		-	50	200
Student Group Toilets	4		-	200	800
Subtotal		-	-		2,330

NOTES:

1. Engineer verify total number of fixtures to meet minimum required by applicable codes
2. Design General Storage Areas near Central Receiving
3. See Learning+B212 Centers for additional spaces

GENERAL

Description	QTY.	Stud. Stations	T. Stud. Stations	N.S.F. / Area	Total Net S.F.
School Resource Officer	1			110	110
Visitor Restrooms in Public Mall	2		-	100	200
Subtotal		-	-		310

NOTES:

1. All general classrooms are to have a computer area with five (5) computers. Exception are General Labs and Science Lecture/Lab which shall have all workstations wired for computers
See technology plan for other requirements
2. Locate Asst. Principles' offices near main entries for staff and students.
3. All main circulation corridors are to be minimum 14' wide (16' preferred). No lockers allowed in main corridors
4. Corridors in other student areas to have minimum corridor widths of 12' clear inside of lockers
5. Lockers should be placed throughout the facility and in small groups
6. School Resource Office should be located in Public Mall unless noted otherwise

PROGRAM SPACE SUMMARY

DEPARTMENT SUBTOTALS	T. Stud. Stations	NET Sq. Ft.
<i>Learning Center 1</i>	383	18,690
<i>Learning Center 2</i>	383	18,690
<i>Music</i>	80	4,485
<i>Art</i>	25	1,550
<i>Media Center</i>	-	1,710
<i>Special Education</i>	-	-
<i>Engineering, Industrial and Technical Ed.</i>	50	2,595
<i>Physical Education / Athletics (phase I)</i>	125	25,520
<i>Food Service</i>		8,320
<i>Building Services / Restrooms</i>		2,330
<i>Central Administration and Visitors Center</i>		2,280
<i>GENERAL</i>		310
Total Net Square Footage	-	86,480
Student Utilization Factor	1,046	
Student Stations	<u>0.830</u>	
	868	
Gross Multiplier for walls, mechanical rooms, corridors, etc. (1.35)		30,268
Grand Total Square Footage		116,748
 <i>Alternates:</i>		
<i>Auditorium</i>		14,585

PROGRAM SPACE SUMMARY

NOTES: