

Business Operations
Ofelia San Pedro, Deputy Superintendent

SUBJECT: COMMISSIONING OF ZYSCOVICH, INC., AS PROJECT ARCHITECT FOR STATE SCHOOL "BBB1" – PROJECT A01015 (A NEW SENIOR HIGH SCHOOL TO REPLACE AND BE BUILT AT THE EXISTING SITE OF NORTH MIAMI SENIOR HIGH SCHOOL) AND AUTHORIZE THE SUPERINTENDENT TO AMEND THE DISTRICT'S FIVE-YEAR CAPITAL PLAN AND THE PROJECT'S CAPITAL BUDGET FOR FISCAL YEAR 2005-2006

COMMITTEE: FACILITIES AND CONSTRUCTION REFORM

Introduction

On October 20, 2004, the Board commissioned Zyscovich, Inc. (Zyscovich) to prepare a final scope/program validation for a new senior high school (State School "BBB1") to replace and be built at the existing site of North Miami Senior High School. The final scope definition program for this new high school has been completed by Zyscovich and approved by staff. Given the size, complexity, construction duration and phasing required for this project, staff has secured approval from the District's School Site Planning and Construction Committee to convert the delivery method from the originally anticipated Design-Build to Construction Management At-Risk. Accordingly, staff proceeded to negotiate with Zyscovich to serve as the project architect (A/E) and provide full architectural/engineering services for this new high school.

Negotiations with Zyscovich to provide full architectural/engineering services for this project have now been successfully completed.

Project Scope

The original North Miami Senior High School was built in 1951. The existing school site, which is located at 800 N.E. 137 Street, consists of less than 17 acres and has a current enrollment of approximately 3,110 students. Moreover, this facility houses the largest night school program in Miami-Dade County, which creates additional parking problems in the evening.

Given the site constraints and the need to maintain the ongoing daytime and nighttime school operations fully operational, Zyscovich has developed a site utilization program and construction phasing plan that has been evaluated and approved by various stakeholders to this project (i.e., Region and school administrators, City of North Miami officials, planning and construction staff, etc.). Accordingly, the scope of work for this new high school will consist of the following:

- A new multi-story high school will be built consisting of a total of approximately 364,468 square feet of new construction and designed to house 3,641 student stations.
- The new school will be based on the "School-Within-A-School" concept for grades 9 – 12 (see attached facilities list) and will include general classrooms, administration, media center, art, science and vocational classrooms, a complete auditorium with music labs, full cafeteria and kitchen with interior and exterior dining, a full gymnasium/physical education facility, and an Emergency Hurricane Protection Area (EHPA) component.
- In addition, the new school will also incorporate a large ESE component, so as to accommodate most of the ESE students currently enrolled at Thomas Jefferson Middle School. The prototype high school educational specifications will be revised for this project in order to adequately address the special needs of some of these profoundly handicapped students.
- Due to the relatively small size of this school site, the new campus will not be able to accommodate all the play fields that would ordinarily be provided at a full size high school site. Instead, the new campus will include a football field and running track, basketball courts and a softball field. Any other athletic and/or physical education activities will be conducted at a City of North Miami park located just south of the school site. (Note: The City of North Miami is planning to build an Olympic training facility south of the school that may also offer sharing opportunities for the school's athletic activities in the future.)
- The new campus will also include new staff/visitor and student parking areas, new bus and parent drop-offs.
- Several improvements to the surrounding roadways, as well as upgrades to the water and sewer systems, and an existing pump station will also be needed.
- The new school will be built on the western portion of the school site (at where the school's play fields and portable classrooms are currently located). Therefore, the school's physical education and other athletic activities will be conducted at the aforementioned City park during construction of this project.
- In order to minimize disruption of the ongoing school operations, the new campus will be built by phasing the construction process. The total project will consist of the following four major phases:
 1. Phase I – Relocation of the portable classrooms, selective demolition of the existing play fields and site preparation on the western portion of the school site.
 2. Phase II – Construction of the new school building.
 3. Phase III – Once the new building is occupied, the existing school building will be demolished and the portable classrooms will be removed.
 4. Phase IV – The new play fields and parking lots will then be built in the area where the existing school building had been located. Moreover, all of the requisite off-site work will be completed during this final phase.
- The anticipated schedule for this project is 40 months from commissioning of the A/E through substantial completion of the new school building, plus an additional 8 months for demolition of the existing school building, construction of play fields and parking areas.
- In addition to the above, the possibility of building a two-level parking garage for staff parking at the new campus (which would greatly reduce the footprint for the surface parking lot and thereby allow for additional play field areas) has also been explored.

However, at the present time, the construction of this garage is not part of the project scope and therefore has been negotiated with the A/E as an alternate item.

Terms and Conditions

The negotiated lump sum basic services fee agreed to by Zyscovich to serve as project architect (i.e., provide full architectural/engineering services) for this project is \$3,225,930, with a total estimated construction cost of \$55,279,000. The fee represents approximately 5.84% of the total construction cost. A summary of the negotiated basic services fee is as follows:

Phase I (Concept – Schematics)	\$ 483,890
Phase II (Design Development)	\$ 645,186
Phase III (Construction Documents)	\$1,064,557
Bidding/Award Services	\$ 64,519
Construction Administration (Punchlist – Warranty)	<u>\$ 967,778</u>
TOTAL BASIC SERVICES FEE	\$3,225,930

The following fees were also negotiated for these extraordinary items specific to this project:

- A lump sum fee of \$18,000 for programming and developing educational specifications for ESE student suites for profoundly handicapped students.
- A lump sum fee of \$21,850 for the necessary upgrades to the water and sewer infrastructure system, and to the existing pump station.
- A lump sum fee of \$32,780 for the necessary improvements to the surrounding right-of-ways.
- A lump sum fee of \$35,330 for preparation of the relocation and demolition documents.

The following services, to be utilized at the option of the Board's designee, were also negotiated:

- The A/E will provide up to 450 site visits for the duration of the construction project, at a fee of \$280/visit.
- A not-to-exceed fee of \$20,150 for a traffic-engineering consultant, if needed.
- A not-to-exceed fee of \$20,165 for a food services consultant, if needed.
- A not-to-exceed fee of \$30,000 for a theater/acoustical consultant, if needed.
- The A/E shall provide a full-time on-site representative during construction, as needed, at a not-to-exceed rate of \$10,506/month (inclusive of the monthly base salary rate times a 1.7 multiplier) estimated at a not-to-exceed amount of \$378,216 for a period of 36 months.
- A not-to-exceed fee of \$225,000 for threshold inspections, if requested by the Board, during construction.
- A lump sum fee of \$170,000 to design a two-story parking garage, if requested by the Board.

Other terms and conditions were negotiated as follows:

- The cost of printing will be reimbursed by the Board on a direct cost basis.
- The multiplier for hourly compensation is limited to 2.45 for any additional work approved by staff.
- The A/E principals' rate is set at \$125/hour.
- The Board shall reimburse the A/E for procuring a project specific professional liability insurance policy with limits not-to-exceed \$5.0 million aggregate, at a maximum policy premium of \$400,000.
- The agreement may be terminated by the Board, with or without cause, upon thirty (30) days written notice to the A/E; whereas, the A/E may terminate the agreement, with cause only, upon thirty (30) days written notice to the Board.
- The A/E has agreed to a fee of \$5,000 for future re-use of this design.

Project Fund

The current project budget for this project is \$72,000,000. However, following the scope and program validation performed by Zyscovich, staff recommends that the project budget be increased to \$76,878,947.

The funding source for this project is as follows:

Fund – 0367
Object – 5630
Location – 7281
Program – 2620
Function – 7400

Prior Commissioning & Performance Evaluation

The Board has commissioned Zyscovich for the following other project(s) within the last three years:

- State School "RR1" (New Middle School)
Master Plan / Programming Services
Date of Commission: 5-19-04
- Addition to Kinloch Park Elementary
DCP Services
Date of Commission: 12-10-03
- Addition to Ojus Elementary
A/E Services
Date of Commission: 12-10-03
- New Middle Learning Center at Linda Lentin Elementary
DCP Services
Date of Commission: 4-09-03

- Addition, Remodeling and Renovation at Miami Beach Senior High
A/E Services
Date of Commission: 10-23-02

The most recent overall performance evaluation score issued by staff to Zyscovich was for the quarter ending December 2004. Based on a performance scale of 1-5, the firm received a score of 4.28.

Principals

The principals of Zyscovich are Bernard Zyscovich and Jose Murguido. The firm is located at 100 N. Biscayne Boulevard, 27th Floor, Miami, Florida 33132.

RECOMMENDED: That The School Board of Miami-Dade County, Florida, commission Zyscovich, Inc, as Project Architect for State School "BBB1" – Project A01015 (a new senior high school to replace and be built at the existing site of North Miami Senior High School) and authorize the Superintendent to amend the District's Five-Year Capital Plan and the Project's Capital Budget for Fiscal Year 2005-2006, as follows:

- 1) a lump sum basic services fee of \$3,225,930, which represents approximately 5.84% of the total estimated construction cost of \$55,279,000;
- 2) additional terms and conditions as set forth in the body of the agenda item; and,
- 3) authorize the Superintendent to amend the District's Five-Year Capital Plan and the Project's Capital Budget for Fiscal Year 2005-2006, from \$72,000,000 to \$76,878,947.

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FACILITIES LIST FOR MIAMI-DADE DISTRICT

**State School "BBB-1"
North Miami Senior High School Replacement**

Project # A-01015
Grades 9-12
Utilization 95%

Student Stations: 3,641
Design Capacity: 3,459

<u>FISH Code</u>	<u>Number of Spaces</u>	<u>Space Description</u>	<u>Square Ft. Unit</u>	<u>Square Ft. Total</u>	<u>Stu.Stat. Unit</u>	<u>Stu.Stat. Total</u>
<u>English</u>						
035	26	** Classroom	750	19,500	25	650
<u>Mathematics</u>						
035	24	** Classroom	750	18,000	25	600
<u>Social Studies</u>						
035	24	** Classroom	750	18,000	25	600
<u>Science</u>						
035	20	** Classroom	750	15,000	25	500
042	3	* Science Demo. Classroom	888	2,664	24	72
809	3	* Medium Material Storage	155	<u>465</u>		
				3,129		

NOTE: Combine the Medium Material Storage into one space of 465 square feet.

043	3	* General Science Lab	1,224	3,672	24	72
809	3	* Medium Material Storage	155	465		
812	3	* Small Project Storage	150	<u>450</u>		
				4,587		

NOTE: Combine the Medium Material Storage into one space of 465 square feet and the Small Project Storage into one space of 450 square feet.

FISH Code	Number of Spaces	Space Description	Square Ft. Unit	Square Ft. Total	Stu.Stat. Unit	Stu.Stat. Total
<u>Exceptional Education</u>						
060	8	* Special Classroom	750	6,000	10	80
061	4	* Self Contained Classroom	750	3,000	7	28
817	4	Student Restroom and Bath	95	380		
809	4	Medium Material Storage	155	<u>620</u>		
				4,000		
065	4	Supplementary Instruction	200	800		

NOTE: Provide a student restroom to one Exceptional Education Special Classroom from the overall "Student Restroom" square footage allocation.

Health Education

035	1	** Classroom		750		25
808	1	* Small Material Storage		<u>90</u>		
				840		

Skills Development Lab

038	6	* Foreign Language Lab	750	4,500	25	150
808	3	* Small Material Storage	90	<u>270</u>		
				4,770		
037	4	* Computer Lab	750	3,000	25	100
808	4	* Small Material Storage	90	<u>360</u>		
				3,360		
041	2	** Language Arts Lab	750	1,500	25	50
810	2	Large Material Storage	175	300		
367	1	* Control Booth		<u>100</u>		
				1,900		

NOTE: The two Language Arts Skills Development Labs shall be adjacent to each other with an operable partition between them. When the partition is open, the combined space of 1,500 net square feet may be utilized as a Theater Lab.

Art

047	1	* 2-D Lab		1,378		26
809/812	1	Medium Material Sto./Small Pro. Sto.		<u>220</u>		
				1,598		
047	1	* 3-D Lab		1,378		26
809/812	1	Medium Material Sto./Small Pro. Sto.		<u>220</u>		
805	1	** Kiln		<u>100</u>		
				1,698		

FISH Code	Number of Spaces	Space Description	Square Ft. Unit	Square Ft. Total	Stu.Stat. Unit	Stu.Stat. Total
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Art (continued)

	1	Outside Patio (3-D Lab)		(500)		
047	1	* Photography Lab		954		18
036	1	Resource Room (Darkroom)		450		
809	1	Medium Material Storage		<u>120</u>		
				1,524		

Music

076	1	Band Classroom		1,900		50
806	1	Reference		70		
809	1	Medium Material Storage		120		
830	1	Ensemble		200		
831	2	* Practice	70	140		
832	1	Instrument Storage		400		
834	1	Uniform Storage		<u>75</u>		
				2,905		

075	1	* Vocal Music Classroom		1,368		24
806	1	Reference		70		
809	1	Medium Material Storage		120		
830	1	Ensemble		200		
831	2	* Practice	70	140		
833	1	Robe Storage		<u>75</u>		
				1,973		

080	1	* Piano/Guitar Lab		1,036		28
809	1	Medium Material Storage		120		
832	1	Instrument Storage		<u>175</u>		
				1,331		

Driver Education

035	2	** Classroom	750	1,500	25	50
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NOTE: The two Driver Education Classrooms shall be adjacent to each other with an operable partition between them.

Physical Education

090/092	1	** Male Dressing Room/Lockers (P.E.)		1,500		
090/092	1	** Male Dressing Room/Lockers (Varsity)		1,750		
091/093	1	** Female Dressing Room/Lockers (P.E.)		1,500		
091/093	1	** Female Dressing Room/Lockers (Varsity)		1,750		
094	1	** Male Showers		692		
095	1	** Female Showers		692		
815	1	** Male Restrooms		692		
816	1	** Female Restrooms		692		
096	1	Male Drying		346		

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FISH Code	Number of Spaces	Space Description	Square Ft. Unit	Square Ft. Total	Stu.Stat. Unit	Stu.Stat. Total
<u>Physical Education (continued)</u>						
097	1	Female Drying		346		
098	4	Storage (2 for P.E., 2 for varsity)	346	1,384		
099	1	* Male Teacher Shower		22		
099	1	* Female Teacher Shower		22		
114	1	Male Laundry/Towel Distribution		346		
114	1	Female Laundry/Towel Distribution		346		
115	1	First Aid		173		
116	1	Male Training Room (with whirlpool)		200		
116	1	Female Training Room (with whirlpool)		200		
117	1	* Weight Room		1,000		
118	1	* Wrestling Room		1,680		
119	1	** Gymnastics/Dance		1,800		
110	1	* Multi-purpose/Instruction		1,050		
112	1	** Gymnasium Floor		7,280		160
113	1	Gymnasium Seating (min. 2,000 seats)		5,500		
120	1	* Gymnasium Storage		519		
370	1	Lobby		1,211		
371	1	Concessions		180		
372	1	** Ticket Booth		50		
				<u>32,923</u>		
		Hardcourts (4) (Basketball/Volleyball)		(19,980)		
		Tennis Courts (6)		(43,300)		
		Playground Equipment Area		(3,500)		

NOTE: The Hardcourt Area, Tennis Courts, Racquetball Courts, and the Playground Equipment Area are approximate square footages. See M-DCPS Design Criteria for specific requirements. Provide one staff restroom in each Teacher Planning space from the "staff restroom" square footage allocation. Provide a total of two teacher planning spaces of 360 square feet each; one for male and one for female from the "teacher planning office" square footage allocation.

VOCATIONAL

Business Technology Education

211	5	* Business Education Laboratory	1,488	7,440	24	120
810	5	Large Material Storage	175	<u>875</u>		
				<u>8,315</u>		

Distributive and Diversified Education

(Marketing Education)

222	2	* Small Laboratory	1,320	2,640	24	48
809	2	* Medium Material Storage	120	<u>310</u>		
				<u>2,950</u>		

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<u>FISH Code</u>	<u>Number of Spaces</u>	<u>Space Description</u>	<u>Square Ft. Unit</u>	<u>Square Ft. Total</u>	<u>Stu.Stat. Unit</u>	<u>Stu.Stat. Total</u>
<u>Family and Consumer Sciences</u>						
<u>(Food Management, Production, and Services)</u>						
232	1	* Small Laboratory (Includes 100 NSF walk-in refrigerator)		1,320		24
852	1	Technology Resource Center		450		
843	1	* Laundry		50		
809	1	Medium Material Storage		120		
812	1	Small Project Storage		<u>100</u>		
				2,040		
<u>Technology Education</u>						
<u>(Drafting and Design)</u>						
241	1	* Small Laboratory		1,560		24
852	1	Technology Resource Center		450		
808	1	* Small Material Storage		90		
812	1	Small Project Storage		<u>100</u>		
				2,200		
<u>(Technology Studies)</u>						
242	1	* Medium Laboratory		2,280		24
852	1	Technology Resource Center		450		
808	1	* Small Material Storage		90		
849	1	Large Project Storage		<u>175</u>		
				2,995		
<u>Industrial Education</u>						
<u>(Printing and Graphic Arts)</u>						
246	1	* Large Laboratory		3,600		18
803	1	Darkroom		90		
812	1	Camera Processing		100		
853	1	Layout		200		
810	1	Large Material Storage		<u>175</u>		
				4,165		
<u>Health Science Education</u>						
<u>(Health Science)</u>						
251	1	* Practical Experience Laboratory		1,344		24
852	1	Technology Resource Center		450		
807	1	Equipment Storage		<u>300</u>		
				2,094		

FISH Code	Number of Spaces	Space Description	Square Ft. Unit	Square Ft. Total	Stu.Stat. Unit	Stu.Stat. Total
Media Center						
301		Director's Office		150		
		Reading Room shall include:		8,865		
380		Reading Room/Stacks	7,599			
384		Periodical Storage	253			
390		Group Projects and Instruction	1,013			
381		Technical Processing		760		
383		Audiovisual Storage		1,267		
385		Closed Circuit Television shall include:		1,520		
		Production Studio	500			
		Production Control Room	200			
		Prop. Storage Room	300			
		Distribution Center	210			
		Editing Room No.1	90			
		Editing Room No.2	90			
		Workshop	130			
387		Media Production Lab		760		
				13,322		
035	1	** Classroom (production planning)		750		25

NOTE: Provide a male and female student restroom in the Media Center from the "Student Restrooms" square footage allocation. The Classroom assigned to the Media Center shall be located within the Closed Circuit TV suite to be used as a Production Planning room. Technical Processing and the Media Director's office shall be combined into one space to give increased visibility and control of media center functions.

Administration

300	1	Principal Office		200		
301	4	Assistant Principal Office	150	600		
300	1	Director Office		200		
301	5	Administrative Office	150	750		
302	1	Bookkeeping Office		120		
303	1	Secretarial Space (for 7)		1,050		
304	1	Reception		770		
305	1	Production Workroom		840		
306	1	Conference Room		350		
307	1	Clinic (including two restrooms and shower)		692		
308	1	Administrative Storage		692		
309	1	Records Vault		244		
304	1	Reception (Attendance)		125		

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FISH Code	Number of Spaces	Space Description	Square Ft. Unit	Square Ft. Total	Stu.Stat. Unit	Stu.Stat. Total
<u>Administration (continued)</u>						
314	2	Itinerant Office (Attendance)	120	240		
312	1	Computer Area		253		
311	1	Student Activities		887		
310	1	School Store		173		
316	1	* Teacher Lounge/Dining		1,384		
315	8	** Teacher Planning Office (for 13)	780	6,240		
315	4	** Teacher Planning Office (for 9)	540	2,160		
315	2	** Teacher Planning Office (for 6, for P.E.)	360	720		
				<u>18,590</u>		

NOTE: Provide a male and female staff restroom in the administrative area and the teacher lounge/dining from the "staff restroom" square footage allocation.

<u>Student Services</u>						
301	8	Guidance Counselor Office	150	1,200		
304	1	Reception		225		
303	1	Guidance Sec. Space (for 3)		450		
306	1	Conference Room		250		
313	2	Careers Room	433	866		
309	1	Student Records		275		
314	4	Itinerant Office	120	480		
				<u>3,746</u>		
035	1	** Classroom (Group Counseling)		750		25

<u>Full Service School Clinic</u>						
301	2	Administrative Office	150	300		
303	1	Secretarial Space (for 1)		150		
304	1	Reception/Waiting		150		
306	1	Conference Room		200		
307	4	Health Examination	90	360		
316	1	Staff Lounge/Dining		90		
309	1	Student Records		150		
314	2	Itinerant Space	120	240		
317	2	General Storage	75	150		
317	1	General Storage (Bio-Waste)		50		
331	1	Service Closet		25		
804	1	Drug/Dispensary		50		
815/816	2	Student Restrooms with Shower		190		
819/820	1	* Staff Restroom		45		
				<u>2,150</u>		

Note: One of the Health/Examination Room shall be used as a Clinic lab.

FISH Code	Number of Spaces	Space Description	Square Ft. Unit	Square Ft. Total	Stu.Stat. Unit	Stu.Stat. Total
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Food Service

340	1	** Dining		14,795		
351	1	Covered Patio (1/2 actual sq. ft.)		2,500		
341	1	Kitchen/Serving Area		<u>5,573</u>		
				22,868		

NOTE: The Covered Patio is shown at 1/2 actual square footage to comply with O.E.F. requirements. The Covered Patio shall be 5,000 net square feet.

Auditorium

360	1	Auditorium Seating (min. 1,000 seats)		6,000		
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Stage

363	1	** Stage		2,314		
364	2	Stage Storage	432	865		
365	1	Dressing Male		507		
366	1	Dressing Female		507		
367	1	* Control Booth/Projection Room		<u>100</u>		
				4,293		

Public Use (Auditorium)

370	1	Lobby		865		
371	1	Concessions		180		
372	1	** Ticket Booth		<u>50</u>		
				1,095		

Other Areas

368	1	* Textbook Storage		411		
368	4	* Textbook Storage	200	800		
815/816		* Student Restrooms		5,188		
822/823		* Public Restrooms		692		
819/820		* Staff Restrooms		<u>1,384</u>		
				8,475		

NOTE: The square footage designated above for the restrooms are only approximate and as recommended in SREF. The actual square footage necessary for a specific project may vary due to various code requirements and the specific design solution. The square footage will need to be adjusted accordingly during design on a per project basis.

Curtodial

330/331/332	1	Receiving, Work Area, and Service Closets		3,459		
333	1	** Flammable Storage		250		
334	1	** Equipment Storage		<u>750</u>		
				4,459		

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FISH Code	Number of Spaces	Space Description	Square Ft. Unit	Square Ft. Total	Stu.Stat. Unit	Stu.Stat. Total
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NOTE: Provide one staff toilet in central receiving from the "staff toilet" square footage allocation. Within the square footage allocated to "receiving" provide a zone mechanic office of 90 NSF.

Sub-Total Net	256,595	3,641
Mechanical @ 6% of sub total net	<u>15,396</u>	
TOTAL NET	271,991	
Circulation, walls, etc. @ 34% of total net	<u>92,477</u>	
TOTAL GROSS	364,468	

- * SREF NSF/Occupant
- ** Exceeds SREF NSF/Occupant

NOTE: The percentages shown for mechanical and circulation are those noted by SREF as "recommended" and are included here as examples only. The Board makes no representation that such percentages are correct or achievable for any specific design. The Architect of Record, Design Builder, Contractor, or any other party is specifically cautioned to utilize only the actual square footage as designed for a specific facility and not to utilize these examples for estimates, scheduling, design or any other purpose involving actual projects.

State School "BBB-1"
North Miami Senior High Replacement
School-Within-A-School

3,641 Student Stations

The Senior High School shall be organized into four schools as follows:

<u>FISH Code</u>	<u>Number of Spaces</u>	<u>Space Description</u>	<u>Square Ft. Unit</u>	<u>Square Ft. Total</u>	<u>Stu.Stat. Unit</u>	<u>Stu.Stat. Total</u>
<u>School "A" Ninth Grade: 742 Student Stations</u>						
035	7	English Classroom	750	5,250	25	175
035	7	Math Classroom	750	5,250	25	175
035	7	Social Studies Classroom	750	5,250	25	175
035	6	Science Classroom	750	4,500	25	150
060	1	ESE Special Classroom		750		10
061	1	ESE Self Contained Classroom		750		7
065	1	Supplementary Instruction		200		
037	1	Computer Lab		750		25
808	1	Small Material Storage		90		
037	1	Foreign Language Labs		750		25
808	1	Small Material Storage		90		
315	2	Teacher Planning Office (for 13)	750	1,500		
368	1	Textbook Storage		200		
				25,420		742
<u>School "B" Tenth Grade: 617 Student Stations</u>						
035	7	English Classroom	750	5,250	25	175
035	7	Math Classroom	750	5,250	25	175
035	1	Social Studies Classroom	750	750	25	25
035	6	Science Classroom	750	4,500	25	150
060	1	ESE Special Classroom		750		10
061	1	ESE Self Contained Classroom		750		7
065	1	Supplementary Instruction		200		
035	1	Health Ed. Classroom		750		25
808	1	Small Material Storage		90		
037	1	Computer Lab		750		25
808	1	Small Material Storage		90		
037	1	Foreign Language Labs		750		25
808	1	Small Material Storage		90		
315	2	Teacher Planning Office (for 13)	750	1,500		
368	1	Textbook Storage		200		
				21,730		617

FISH Code	Number of Spaces	Space Description	Square Ft. Unit	Square Ft. Total	Stu.Stat. Unit	Stu.Stat. Unit Total
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School "C" Eleventh Grade: 675 Student Stations

035	6	English Classroom	750	4,500	25	150
035	5	Math Classroom	750	3,750	25	125
035	8	Social Studies Classroom	750	6,000	25	200
035	4	Science Classroom	750	3,000	25	100
060	2	ESE Special Classroom		750	10	20
065	1	Supplementary Instruction		200		
037	1	Computer Lab		750		25
808	1	Small Material Storage		90		
037	2	Foreign Language Labs	750	1,500	25	50
808	1	Small Material Storage		90		
315	2	Teacher Planning Office (for 13)	780	1,560		
368	1	Textbook Storage		200		
				22,390		670

School "D" Twelfth Grade: 670 Student Stations

035	6	English Classroom	750	4,500	25	150
035	5	Math Classroom	750	3,750	25	125
035	8	Social Studies Classroom	750	6,000	25	200
035	4	Science Classroom	750	3,000	25	100
060	2	ESE Special Classroom		750	10	20
065	1	Supplementary Instruction		200		
037	1	Computer Lab		750		25
808	1	Small Material Storage		90		
037	2	Foreign Language Labs	750	1,500	25	50
808	2	Small Material Storage		90		
315	2	Teacher Planning Office (for 13)	780	1,560		
368	1	Textbook Storage		200		
				22,390		670

Common Use Areas: 942 Student Stations

	6	Science Labs/Demo Classrooms				144
	2	ESE Self Contained Classrooms				14
	2	ESE Special Classrooms				20
	1	Theatre Lab				50
	3	Art Labs				70
	3	Music Labs				102
	2	Driver Ed. Classrooms				50
	1	Physical Education Area				160
	12	Vocational Labs				282
	1	Media Center				25
	1	Administration				
	1	Student Services				25
	1	Full Service School				
	1	Food Service/Dining				
	1	Auditorium/Stage				
	1	Other Areas/Custodial				
						942

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Facilities List

State School "BBB-1" (North Miami Sr. Replacement)
Project # A-01013